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Journal of the Intellectual Property Office of Ireland

Cuid I
Paitinní agus Dearachtaí

No. 2403

Wednesday, 22 January, 2020

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<p>In this Part of the Journal, a reference to a section is to a section of the Patents Act, 1992 unless otherwise stated.</p>
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Official Notice

Register of Patent Agents

Examination in Law & Practice of Patents

Subject to there being a sufficient number of candidates, it is proposed to hold a written examination in the law and practice of Patents on **22 April 2020**. The latest date for receipt of applications from persons who wish to sit this written examination is **1 April 2020**.

Candidates wishing to be examined must have submitted in advance to the Controller an application form and fee of €200 not later than **1 April 2020**.

Applicants who wish to sit the examination will be notified of the venue and furnished with other relevant information in due course.

Applications for Patents From 23/12/2019 to 02/01/20

The names of applicants are in alphabetical order. In the case of joint applicants, each name is given independently. The title of the invention should not be regarded as an exhaustive indication of the subject-matter. The date immediately following the title is that on which the application was filed; in the case of a divisional application, the filing date of the earlier application is added within parentheses. In the case of a Convention application the Convention country and priority date(s) claimed are given in square brackets and where an application claimed the priority of an earlier application filed at the office, this information is given within the square brackets. The number is that of the application and should be used for correspondence purposes up to the date of grant of a patent. The letter S preceding the number indicates that the application is for a short-term patent. A new number will be given when a patent is granted and this new number should be quoted in all correspondence subsequent to grant.

BITTRACK LIMITED A method of creating, managing, organizing and securing private, permissioned Blockchains allowing easier integration within business applications. 30 December 2019	S20190220
BLAKE JOSEPH Deep Water Powered Electricity Generating System 23 December 2019	S20190218
CORCORAN FRANK; FITZPATRICK DAVID Water Rescue Equipment for the Blind and Deaf 02 January 2020	20200001
FITZPATRICK DAVID; CORCORAN FRANK Water Rescue Equipment for the Blind and Deaf 02 January 2020	20200001
L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE A NEURAL NETWORK BASED SYSTEM AND PROCESS FOR PREDICTION OF POWER CONSUMPTION IN AN AIR SEPARATION PLANT 23 December 2019 [Malaysia-24 December 2018]	S20190219

Patents Granted Under Section 34

The number of a patent is given in heavy type; the letter S preceding the number indicates a short-term patent. The code numbers following the title of each invention are those of the International Patent Classification. The date of filing the application follows the proprietor's name. The patent application number, which follows the date of application in parenthesis, has been superseded by the patent number. In the case of an application claiming the priority of an earlier application, the name of the country where the earlier application was made and the date of the earlier application are shown in square brackets.

By virtue of Section 65(3), the application relating to any short-term patent appearing in the following list whose date of filing is later than the date which is 18 months prior to the date of this issue of the Journal becomes open to public inspection as and from the date of this issue of the Journal.

87085 A system for steering a trailer towards a payload. Int. Cl. (2019.01) **B62D 13/00**.
SECURI-CABIN LIMITED 23 May 2017 (20170110) [United Kingdom-24 May
2016 Ireland-24 May 2016]

Patents Granted Under European Patent Convention Designating Ireland

The Irish serial number appears first followed, respectively, by the proprietor's name, the date of filing of the application, the filing number and the European Patent Office publication number.

If the specification of the European patent was published in French or German the word 'French' or 'German', as appropriate, will appear as the last item of information.

Grants Published in EPO Bulletin No. 52/19, dated 25th December 2019

1238826	Ralf Bohle GmbH	06/02/2002	1238826	02002679.5	German
1418675	Samsung Electronics Co., Ltd.	29/10/2003	1418675	03024930.4	
1485800	Oracle International Corporation	14/02/2003	1485800	03711085.5	
1489788	SZ DJI Technology Co., Ltd.	28/04/2004	1489788	04010130.5	
1503969	British Telecommunications public limited company	09/05/2003	1503969	03720757.8	
1515368	Nichia Corporation	31/08/2004	1515368	04020635.1	
1515712	Société des Produits Nestlé S.A. L'Oréal	23/06/2003	1515712	03760772.8	French
1523512	Aspen Aerogels Inc.	22/07/2003	1523512	03766016.4	
1525317	Syngenta Participations AG	25/07/2003	1525317	03766293.9	
1549385	Radiometer Medical ApS	20/06/2003	1549385	03732248.4	
1569489	Orange	26/02/2004	1569489	04290528.1	French
1612999	Microsoft Technology Licensing, LLC	22/06/2005	1612999	05105520.0	
1635148	SC2N	01/09/2005	1635148	05108028.1	French
1642175	DANIEL INDUSTRIES, INC.	03/07/2003	1642175	03817821.6	
1656794	Microsoft Technology Licensing, LLC	03/09/2004	1656794	04783324.9	
1673005	Smith & Nephew, Inc.	15/10/2004	1673005	04795133.0	
1676456	Telefonaktiebolaget LM Ericsson (publ)	22/09/2004	1676456	04775448.6	
1706725	FPInnovations	25/11/2004	1706725	04802210.7	
1719372	Qualcomm, Incorporated	04/02/2005	1719372	05722739.9	
1740254	Becton Dickinson and Company	25/04/2005	1740254	05738999.1	
1766208	Woodward, Inc.	07/06/2005	1766208	05759220.6	
1810058	Prime Downhole Manufacturing LLC	27/10/2005	1810058	05823165.5	
1810482	Fujifilm Dimatix, Inc.	11/10/2005	1810482	05812948.7	
1832818	STIEBEL ELTRON GmbH & Co. KG	05/03/2007	1832818	07004473.0	German
1835164	MAN Truck & Bus SE	23/02/2007	1835164	07003700.7	German
1849411	Align Technology, Inc.	17/06/2005	1849411	07015964.5	
1851901	Orange	01/02/2006	1851901	06709214.8	French

1861010	Pacheco, Hector O.	07/03/2006	1861010	06737247.4	
1875337	DigitalFish, Inc.	18/04/2006	1875337	06758411.0	
1883469	Johnson Matthey PLC	09/05/2006	1883469	06727191.6	
1890755	ResMed Pty Ltd	06/06/2006	1890755	06741187.6	
1893546	IMERTECH SAS	12/06/2006	1893546	06777295.4	
1895791	Vodafone Holding GmbH	23/08/2007	1895791	07016508.9	German
1906094	Electrolux Home Products Corporation N.V.	27/09/2006	1906094	06020205.8	
1913416	Leica Geosystems AG	03/07/2006	1913416	06762368.6	German
1918035	Selema Srl	12/10/2007	1918035	07020017.5	
1926154	Nichia Corporation	20/11/2007	1926154	07121095.9	
1937608	Cardinal CG Company	10/10/2006	1937608	06816349.2	
1944733	St. Jude Medical International Holding S.à r.l.	07/01/2008	1944733	08100161.2	
1951294	ABT Holding Company Oregon Health & Science University	09/11/2006	1951294	06837336.4	
1957938	TomTom Global Content B.V.	09/11/2006	1957938	06837166.5	
1965454	Maxell Holdings, Ltd.	08/12/2006	1965454	06834336.7	
1984505	The Government of the U.S.A., as repr. by the Secretary, Dept. of Health & Human Services, the Nat. Inst. of Health	12/01/2007	1984505	07716564.5	
1991354	Rhodia Recherches et Technologies	13/02/2007	1991354	07704559.9	French
2000294	GHELFI 1905 S.r.l.	30/05/2008	2000294	08157344.6	
2030395	Qualcomm Incorporated	22/05/2007	2030395	07784040.3	
2032293	Teeness Asa	01/11/2006	2032293	06812811.5	
2033046	Compound Photonics Limited	01/06/2007	2033046	07795612.6	
2034526	Hitachi Chemical Company, Ltd.	21/05/2007	2034526	07743819.0	
2036601	Naturex S.A.	27/02/2007	2036601	07730348.5	
2043472	All Star C.V.	27/09/2007	2043472	07815011.7	
2051047	Mitutoyo Corporation	01/06/2007	2051047	07744609.4	
2053740	Continental Automotive GmbH	24/10/2008	2053740	08105650.9	German
2073742	Koninklijke Philips N.V.	20/06/2007	2073742	07796276.9	
2077784	Zeltiq Aesthetics, Inc.	14/03/2007	2077784	07758559.4	
2081376	Mitsubishi Electric Corporation	10/11/2006	2081376	06823289.1	
2083256	Ulvac, Inc.	16/11/2007	2083256	07832048.8	
2090856	Moretto S.p.A.	17/02/2009	2090856	09153015.4	

2095587	QUALCOMM Incorporated	05/11/2007	2095587	07844883.4	
2107715	Synopsys, Inc.	31/03/2008	2107715	08153785.4	
2113333	United Technologies Corporation	23/04/2009	2113333	09251160.9	
2116976	United Technologies Corporation	08/05/2009	2116976	09251284.7	
2125666	Dow Global Technologies LLC	27/11/2007	2125666	07846832.9	
2127049	ADC Telecommunications, Inc.	15/01/2008	2127049	08727684.6	
2127765	ENI S.p.A.	20/05/2009	2127765	09160797.8	
2138350	Hitachi, Ltd.	27/05/2009	2138350	09161249.9	
2145175	HCV 2	09/05/2008	2145175	08805767.4	French
2146629	Maquet Critical Care AB	27/04/2007	2146629	07728611.0	
2152624	The Coca-Cola Company	25/02/2008	2152624	08730624.7	
2155972	Clark Equipment Company	03/04/2008	2155972	08742519.5	
2157678	MABUCHI MOTOR CO., LTD.	11/04/2008	2157678	08740243.4	
2158242	Dorf Ketal Chemicals (India) Private Limited	16/06/2008	2158242	08762561.2	
2164442	Kuypers, Gilbert Jacobus McCulloch, Richard Anthony	30/05/2008	2164442	08766977.6	
2171965	QUALCOMM Incorporated	09/07/2008	2171965	08781581.7	
2183103	Cryovac, Inc.	23/07/2008	2183103	08796462.3	
2183197	United States Gypsum Company	05/08/2008	2183197	08797190.9	
2183308	3M Innovative Properties Company	14/07/2008	2183308	08781787.0	
2184015	Arthrex, Inc.	05/11/2009	2184015	09175085.1	
2184571	Samsung Electronics Co., Ltd.	02/09/2009	2184571	09169195.6	
2190235	Hytera Communications Corp., Ltd.	28/09/2008	2190235	08876725.6	
2198657	Nokia Technologies Oy	10/10/2008	2198657	08807953.8	
2212252	Nalco Company	20/11/2008	2212252	08852443.4	
2212909	Semiconductor Technologies & Instruments Pte Ltd.	01/08/2008	2212909	08794191.0	
2214469	Speedcutbox AB	29/10/2008	2214469	08843730.6	
2214616	Stryker Corporation	17/11/2008	2214616	08848971.1	
2214768	SIS Medical AG	22/07/2008	2214768	08772898.6	German
2217544	Rutgers, the State University of New Jersey	14/11/2008	2217544	08872369.7	
2219384	Daikin Industries, Ltd.	18/11/2008	2219384	08853087.8	
2220035	BASF SE	02/12/2008	2220035	08856412.5	German
2223423	Robert Bosch GmbH SEG Automotive Germany GmbH	31/10/2008	2223423	08861164.5	German

2226546	T.D. Williamson Italiana S.r.l.	06/03/2009	2226546	09425089.1	
2234937	Corning Incorporated	17/11/2008	2234937	08854953.0	
2236069	Vorwerk & Co. Interholding GmbH	18/03/2010	2236069	10156824.4	German
2237192	Krones AG	30/06/2006	2237192	10170635.6	German
2241227	TVS S.p.A	12/02/2010	2241227	10153399.0	
2241589	Guangdong Shengyi Sci. Tech Co., Ltd.	03/02/2010	2241589	10152472.6	
2241739	DENSO CORPORATION	07/04/2010	2241739	10159232.7	
2242409	Essity Hygiene and Health Aktiebolag	18/02/2008	2242409	08712722.1	
2244831	Corning Incorporated	20/11/2008	2244831	08856602.1	
2244988	Oran Safety Glass Inc.	26/09/2008	2244988	08834214.2	
2247276	Mathieu, Irmgard Metzler, Heribert	26/01/2009	2247276	09704438.2	German
2248206	Cymbet Corporation	17/02/2009	2248206	09714291.3	
2254522	Orthohelix Surgical Designs, Inc.	18/02/2009	2254522	09712095.0	
2256594	BlackBerry Limited	24/02/2004	2256594	10177958.5	
2256595	BlackBerry Limited	24/02/2004	2256595	10177959.3	
2261005	Krones AG	07/05/2010	2261005	10162289.2	German
2262919	Tecvac Limited The University Of Sheffield	25/02/2009	2262919	09721947.1	
2271489	Gränges Sweden AB	10/02/2009	2271489	09732199.6	
2273969	FUJIFILM Corporation	30/04/2009	2273969	09742775.1	
2274629	MariCare Oy	24/03/2009	2274629	09724366.1	
2275867	FUJIFILM Corporation	17/02/2009	2275867	09728726.2	
2276402	Medtronic, Inc. Regents Of The University Of Minnesota	17/04/2009	2276402	09733565.7	
2277209	Consorzio Delta Ti Research	02/04/2009	2277209	09729659.4	
2279278	Primetals Technologies France SAS	15/05/2008	2279278	08805572.8	French
2280339	Sony Corporation	30/06/2010	2280339	10167948.8	
2286156	Google LLC	31/03/2009	2286156	09755403.4	
2287245	ASAHI KASEI KABUSHIKI KAISHA	08/06/2009	2287245	09762448.0	
2289015	MasterCard International Incorporated	20/04/2009	2289015	09732610.2	
2289302	CNH Industrial Belgium nv	16/08/2010	2289302	10172893.9	
2290534	FeliCa Networks, Inc.	03/08/2010	2290534	10008103.3	
2296724	Cidra Corporate Services, Inc.	20/05/2009	2296724	09751460.8	
2297371	Element Six Abrasives Holdings Limited	08/06/2009	2297371	09762128.8	

2298045	Stora Enso Oyj	09/05/2008	2298045	08761652.0	
2298856	Kyodo Yushi Co., Ltd. NTN Corporation	11/05/2009	2298856	09742773.6	
2306694	Huawei Technologies Co., Ltd.	04/08/2009	2306694	09807847.0	
2306991	Tepha, Inc. Evonik Corporation	29/06/2009	2306991	09771255.8	
2308655	The Stanley Works Israel Ltd.	08/10/2010	2308655	10186964.2	
2311561	ASAHI KASEI KABUSHIKI KAISHA	25/06/2009	2311561	09804825.9	
2312224	Stiebel Eltron GmbH & Co. KG	24/09/2010	2312224	10010486.8	German
2312634	Cree, Inc.	07/07/2006	2312634	11153385.7	
2313687	thyssenkrupp Industrial Solutions AG	07/07/2009	2313687	09776997.0	German
2317192	Eagle Industry Co., Ltd.	26/08/2009	2317192	09809933.6	
2317250	Daikin Industries, Ltd.	15/05/2009	2317250	09746394.7	
2317920	Medtronic, Inc	23/06/2009	2317920	09736512.6	
2318053	99 Holding S.A.R.L	26/06/2009	2318053	09772979.2	
2320622	ZTE Corporation	28/07/2009	2320622	09806340.7	
2324339	RWE Power AG	30/07/2009	2324339	09781284.6	German
2325967	Delta Electronics, Inc.	23/11/2010	2325967	10014883.2	
2330510	NEC Corporation	14/09/2009	2330510	09814546.9	
2333818	LG Chem, Ltd.	25/09/2009	2333818	09817964.1	
2336753	Luxcel Biosciences Limited Mocon, Inc.	24/11/2010	2336753	10192344.9	
2337168	Forschungsverbund Berlin e.V.	10/06/2010	2337168	10165592.6	German
2337589	S.C. Johnson & Son, Inc.	29/09/2009	2337589	09737200.7	
2344041	PaloDEX Group Oy	02/10/2009	2344041	09817338.8	
2345290	Nokia Technologies Oy	04/11/2009	2345290	09824899.0	
2347092	3M Innovative Properties Company	10/11/2009	2347092	09753038.0	German
2347827	Bracco Diagnostics Inc.	30/08/2005	2347827	11165867.0	
2347928	TOYOTA JIDOSHA KABUSHIKI KAISHA	07/11/2008	2347928	08877980.6	
2350753	Siemens Aktiengesellschaft	27/11/2009	2350753	09771528.8	German
2351056	Siemens Aktiengesellschaft	28/11/2008	2351056	08875066.6	German
2354660	United Technologies Corporation	02/02/2011	2354660	11153108.3	
2355979	Jindal Films Europe Virton SPRL	22/09/2009	2355979	09792813.9	
2356497	Novartis AG	11/11/2009	2356497	09752663.6	
2359626	QUALCOMM Incorporated	16/11/2009	2359626	09756619.4	

2362780	Boehringer Ingelheim Animal Health USA Inc.	22/10/2009	2362780	09752247.8	
2367218	Samsung SDI Co., Ltd.	09/03/2011	2367218	11250274.5	
2370657	British Telecommunications public limited company	24/12/2009	2370657	09804205.4	
2371634	Valeo Systèmes d'Essuyage	29/03/2011	2371634	11160165.4	French
2375249	F. Hoffmann-La Roche AG	30/03/2011	2375249	11160450.0	
2377454	Miele & Cie. KG	13/04/2010	2377454	10401053.3	German
2378072	Rolls-Royce Deutschland Ltd & Co KG	24/03/2011	2378072	11002472.6	German
2379608	3M Innovative Properties Company	19/11/2009	2379608	09764379.5	
2381253	University-industry Cooperation Foundation Kangwon National University	19/04/2011	2381253	11163029.9	
2381708	BlackBerry Limited	16/03/2011	2381708	11158409.0	
2385606	Siemens Gamesa Renewable Energy A/S	03/05/2010	2385606	10161747.0	
2390194	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	25/05/2010	2390194	10354024.1	
2392773	United Technologies Corporation	03/06/2011	2392773	11168632.5	
2392790	Illinois Valley Holding Company	07/06/2010	2392790	10005864.3	
2396901	QUALCOMM Incorporated	12/02/2010	2396901	10707151.6	
2398065	Hong Fu Jin Precision Industry (ShenZhen) Co.Ltd. Hon Hai Precision Co., Ltd	30/11/2010	2398065	10193176.4	
2401575	Dimensional Photonics International, Inc.	19/02/2010	2401575	10746665.8	
2402385	Toray Industries, Inc.	24/02/2010	2402385	10746215.2	
2403125	Eaton Corporation	27/06/2011	2403125	11005200.8	
2404945	Murata Manufacturing Co., Ltd.	03/03/2010	2404945	10748764.7	
2416373	Panasonic Intellectual Property Management Co., Ltd.	25/03/2010	2416373	10758523.4	
2416645	Diclaro, Joseph W. Pereira, Roberto M. Hertz, Jeffrey C. Koehler, Philip G. University of Florida Research Foundation, Inc.	06/04/2010	2416645	10762300.1	

2418294	Nippon Steel Corporation	31/03/2010	2418294	10761635.1	
2418315	BSH Hausgeräte GmbH	19/07/2011	2418315	11174490.0	German
2418471	Horiba, Ltd.	02/04/2010	2418471	10761658.3	
2419386	Apogee Enterprises, Inc.	03/11/2009	2419386	09748654.2	
2423649	Hitachi Automotive Systems, Ltd.	30/08/2011	2423649	11179415.2	
2424299	NEC Corporation	01/03/2010	2424299	10766901.2	
2429157	Nokia Technologies Oy	09/11/2004	2429157	11192343.9	
2430526	International Business Machines Corporation	08/11/2010	2430526	10775822.9	
2430533	International Business Machines Corporation	08/11/2010	2430533	10776348.4	
2430654	Entegris, Inc.	13/05/2010	2430654	10775520.9	
2431813	Ricoh Company, Ltd.	15/09/2011	2431813	11181322.6	
2432882	CuRNA, Inc.	21/05/2010	2432882	10778499.3	
2434292	Hitachi High-Technologies Corporation	10/05/2010	2434292	10777517.3	
2435407	RaQualia Pharma Inc.	31/05/2010	2435407	10780311.6	
2436875	Precision Energy Services, Inc.	19/09/2011	2436875	11181787.0	
2442636	Monsanto Invest B.V.	17/06/2010	2442636	10745679.0	
2443554	Citrix Systems, Inc.	18/06/2010	2443554	10725947.5	
2443901	Synapsense Corporation	02/06/2010	2443901	10789845.4	
2444642	Mitsubishi Heavy Industries, Ltd.	13/01/2011	2444642	11736856.3	
2448763	Fujifilm Dimatix, Inc.	29/06/2010	2448763	10794624.6	
2451017	TE Connectivity Corporation	31/10/2011	2451017	11187318.8	
2451225	Acer Incorporated	03/11/2011	2451225	11187596.9	
2452412	Nokia Technologies Oy	28/05/2010	2452412	10796768.9	
2453326	Siemens Aktiengesellschaft	10/11/2010	2453326	10190689.9	German
2454416	Permavoid Limited	13/07/2010	2454416	10737094.2	
2457142	Immersion Corporation	21/07/2010	2457142	10742627.2	
2457539	The United States Government as represented by The Department of Veterans Affairs The Board of Trustees of the Leland Stanford Junior University	17/04/2008	2457539	12156562.6	
2458293	Mitsubishi Electric Corporation	23/08/2011	2458293	11006876.4	
2461592	Sony Ericsson Mobile Communications AB	24/11/2011	2461592	11009337.4	
2462576	NIKE Innovate C.V.	03/08/2010	2462576	10807030.1	

2463793	Autoform Engineering GmbH	17/11/2010	2463793	10405222.0	
2466375	Maxell, Ltd.	24/11/2011	2466375	11190620.2	
2467689	St. Jude Medical, Cardiology Division, Inc.	20/08/2010	2467689	10748182.2	
2468186	Fujifilm Corporation	08/11/2011	2468186	11188219.7	
2471165	SES-imagotag	24/08/2010	2471165	10751881.3	
2473035	Nouryon Chemicals International B.V.	30/08/2010	2473035	10751603.1	
2473913	Equinix, Inc.	03/09/2010	2473913	10814582.2	
2475018	Samsung Electronics Co., Ltd.	04/01/2012	2475018	12150120.9	
2476050	Advanced Micro Devices, Inc. ATI Technologies ULC	09/09/2010	2476050	10755040.2	
2476702	Fundação Oswaldo Cruz	10/08/2010	2476702	10807822.1	
2477200	FREEL TECH AG	09/09/2010	2477200	10815684.5	
2481168	KATHREIN SE	21/09/2010	2481168	10768422.7	
2483799	Kingston Digital, Inc.	30/09/2010	2483799	10819781.5	
2484145	Telefonaktiebolaget LM Ericsson (publ)	28/09/2009	2484145	09849887.6	
2487211	Lotte Chemical Corporation	15/09/2010	2487211	10822192.0	
2487780	Siemens Aktiengesellschaft	14/02/2011	2487780	11154344.3	
2491874	Erbe Elektromedizin GmbH	25/02/2011	2491874	11156053.8	German
2492659	Thales	16/02/2012	2492659	12155812.6	French
2492734	THALES	16/02/2012	2492734	12155786.2	French
2493528	Merit Medical Systems, Inc.	01/11/2010	2493528	10827614.8	
2495285	Momentive Performance Materials Japan LLC	27/10/2010	2495285	10826746.9	
2495593	Optoelectronics Co., Ltd.	01/11/2010	2495593	10826900.2	
2495824	OBO Bettermann GmbH & Co. KG	07/02/2012	2495824	12154291.4	German
2496198	The Procter & Gamble Company	02/11/2010	2496198	10774104.3	
2497919	Wirthwein AG	10/02/2012	2497919	12154803.6	German
2498251	NEC Corporation	02/11/2010	2498251	10828387.0	
2498387	Hitachi, Ltd.	08/02/2012	2498387	12154436.5	
2498396	SK Telecom. Co., Ltd.	03/11/2010	2498396	10828499.3	
2498519	CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY	04/11/2010	2498519	10827916.7	
2498879	INNOVAID A/S	09/11/2010	2498879	10781595.3	
2501422	ResMed Pty Ltd	16/11/2010	2501422	10829379.6	
2501492	Reckitt Benckiser LLC	16/11/2010	2501492	10781984.9	

2501962	Volvo Construction Equipment AB	20/11/2009	2501962	09851511.7	
2502172	F.HOFFMANN-LA ROCHE AG	13/11/2010	2502172	10787999.1	
2503686	Mitsubishi Electric Corporation	20/11/2009	2503686	09851475.5	
2504106	Alere Switzerland GmbH	23/11/2010	2504106	10831039.2	
2505090	adidas AG	02/04/2012	2505090	12162815.0	
2505842	Grundfos Management a/s	29/03/2011	2505842	11002578.0	German
2506401	Mitsubishi Electric Corporation	18/08/2011	2506401	11177933.6	
2507013	3M Innovative Properties Company	23/11/2010	2507013	10834962.2	
2507678	Apple Inc.	16/11/2010	2507678	10784910.1	
2512168	NEC Corporation	30/11/2010	2512168	10835862.3	
2515468	CHINA IWNCOMM CO., LTD.	26/05/2010	2515468	10836950.5	
2517231	Intel Corporation	19/11/2010	2517231	10843414.3	
2517381	Intel Corporation	11/11/2010	2517381	10843405.1	
2519870	Nokia Technologies Oy	24/11/2010	2519870	10840670.3	
2520230	Cardinal Health Switzerland 515 GmbH	24/04/2006	2520230	12178515.8	
2520910	OP-Hygiene IP GmbH	04/05/2012	2520910	12166725.7	
2523381	Avago Technologies International Sales Pte. Limited	15/09/2005	2523381	12005339.2	
2523794	Plastipak BAWT S.à.r.l.	06/01/2011	2523794	11700242.8	
2525596	Sharp Kabushiki Kaisha	12/01/2011	2525596	11732892.2	
2526318	Federal-Mogul Friction Products GmbH	20/04/2010	2526318	10715530.1	
2527482	JFE Steel Corporation	18/01/2011	2527482	11734786.4	
2528121	LG Innotek Co., Ltd.	10/02/2012	2528121	12155002.4	
2528132	GS Yuasa International Ltd.	23/05/2012	2528132	12169049.9	
2529174	Saab AB	29/01/2010	2529174	10844837.4	
2529287	Nokia Technologies Oy	29/01/2010	2529287	10844381.3	
2533847	Varian Medical Systems, Inc.	11/02/2011	2533847	11742893.8	
2533896	ExxonMobil Research and Engineering Company	08/02/2011	2533896	11742674.2	
2534386	Hirschmann Car Communication GmbH	11/02/2011	2534386	11705160.7	German
2537328	Skype	18/03/2011	2537328	11709924.2	
2538666	Saturn Licensing LLC	15/06/2012	2538666	12172169.0	
2538758	Tridonic GmbH & Co KG	02/01/2006	2538758	12181979.1	German
2539719	Rheonix, Inc.	22/02/2011	2539719	11747927.9	
2542824	Cree, Inc.	02/03/2011	2542824	11709512.5	
2542835	Bromic Heating Pty Limited	25/02/2011	2542835	11750071.0	

2544029	Kuang-Chi Innovative Technology Ltd. Kuang-Chi Institute of Advanced Technology	27/10/2011	2544029	11860700.1	
2545332	Carrier Corporation	07/03/2011	2545332	11708657.9	
2547019	Deutsche Telekom AG	12/07/2012	2547019	12005153.7	German
2549121	Kawasaki Jukogyo Kabushiki Kaisha	18/03/2011	2549121	11755934.4	
2549201	Mitsubishi Electric Corporation	16/03/2010	2549201	10847790.2	
2551690	Yokogawa Electric Corporation	27/07/2012	2551690	12178352.6	
2552763	Tata Motors Limited	28/03/2011	2552763	11762120.1	
2555028	Fujikura Ltd.	11/03/2011	2555028	11762546.7	
2555224	Bruker Daltonik GmbH	30/07/2012	2555224	12005522.3	
2555821	Zoll Medical Corporation	06/04/2011	2555821	11718544.7	
2556231	Delphi Automotive Systems Luxembourg S.A.	08/04/2011	2556231	11714521.9	
2558153	Vigmed AB	12/04/2011	2558153	11769171.7	
2559815	ESCO Group LLC	29/04/2004	2559815	12192205.8	
2562834	LG Innotek Co., Ltd.	22/08/2012	2562834	12181342.2	
2563710	The Coca-Cola Company	19/04/2011	2563710	11777826.6	
2564134	Electrolux Home Products, Inc.	22/04/2011	2564134	11718201.4	
2564663	Intel Corporation	04/04/2011	2564663	11777770.6	
2567541	Teledyne e2v Semiconductors SAS	04/05/2011	2567541	11718716.1	French
2568030	Cheil Industries Inc.	29/04/2011	2568030	11777536.1	
2568285	ALLERGAN, INC.	12/03/2010	2568285	12195253.5	
2568693	LG ELECTRONICS INC.	04/09/2012	2568693	12182966.7	
2569008	The Research Foundation for The State University of New York Brookhaven Science Associates LLC Baxalta Incorporated Baxalta GmbH	13/05/2011	2569008	11720967.6	
2570000	BlackBerry Limited	03/05/2011	2570000	11721602.8	
2573217	Murata Machinery, Ltd.	23/08/2012	2573217	12181500.5	
2575632	Access Point Technologies, Inc.	25/05/2011	2575632	11786329.0	
2577188	Carrier Corporation	16/03/2011	2577188	11709856.6	
2580773	Ionwerks, Inc.	08/06/2011	2580773	11793098.2	
2581065	Kao Corporation	08/06/2011	2581065	11792499.3	
2584054	JFE Steel Corporation	17/06/2011	2584054	11795427.1	
2584676	Schunk Transit Systems GmbH	15/10/2012	2584676	12188569.3	German

2588114	Laboratorios Leon Farma SA	28/06/2011	2588114	11727985.1	
2588262	Vesuvius U S A Corporation	11/05/2011	2588262	11801303.6	
2588964	Tuxera Inc.	21/06/2011	2588964	11736120.4	
2589055	National Semiconductor Corporation	27/06/2011	2589055	11810082.5	
2589441	Nitta Corporation	02/11/2010	2589441	10854049.3	
2590589	Becton, Dickinson and Company	06/07/2010	2590589	10854519.5	
2590745	Bio Amd Holdings Limited	11/07/2011	2590745	11757673.6	
2592804	Qualcomm Incorporated	27/10/2006	2592804	13151940.7	
2592856	Sony Corporation	15/06/2011	2592856	11803428.9	
2592944	Glanbia Nutritionals (Ireland) Ltd.	18/07/2011	2592944	11810233.4	
2596249	Ingersoll-Rand Company	19/04/2011	2596249	11717129.8	
2596370	Diagast	21/07/2011	2596370	11737928.9	
2601360	System 3E S.A.	21/06/2011	2601360	11743658.4	
2601736	Samsung SDI Co., Ltd. Robert Bosch GmbH	07/06/2011	2601736	11727143.7	German
2603673	Cummins Intellectual Properties, Inc.	13/08/2011	2603673	11817165.1	
2605815	Sanofi-Aventis Deutschland GmbH	17/08/2011	2605815	11745970.1	
2605994	Otis Elevator Company	20/08/2010	2605994	10856242.2	
2607161	Metso Sweden AB	23/12/2011	2607161	11195657.9	
2608146	Mitsubishi Heavy Industries, Ltd.	17/08/2011	2608146	11818205.4	
2608194	Bissoli, Davide	22/08/2011	2608194	11818268.2	
2610029	Kabushiki Kaisha Kobe Seiko Sho	21/11/2011	2610029	11843589.0	
2610930	Samsung Display Co., Ltd.	22/08/2011	2610930	11820145.8	
2611063	Alticast Corporation	30/11/2012	2611063	12195044.8	
2615161	Toyo Seikan Kaisha, Ltd.	05/09/2011	2615161	11823240.4	
2615734	Hitachi Industrial Equipment Systems Co., Ltd.	07/09/2010	2615734	10856924.5	
2616078	Shimoda Biotech (Pty) Ltd	16/09/2011	2616078	11824680.0	
2616931	Microsoft Technology Licensing, LLC	06/09/2011	2616931	11825690.8	
2616950	Microsoft Technology Licensing, LLC	06/09/2011	2616950	11825689.0	
2617034	Qualcomm Incorporated	09/09/2011	2617034	11758641.2	
2618060	General Electric Company	17/01/2013	2618060	13151608.0	
2621175	BlackBerry Limited	20/01/2012	2621175	13165646.4	
2621212	Kabushiki Kaisha Toshiba	19/04/2011	2621212	11826606.3	
2621745	Saint-Gobain Glass France	28/09/2011	2621745	11779752.2	French
2622463	Z124	29/09/2011	2622463	11829853.8	
2622481	Symantec Corporation	29/09/2011	2622481	11767570.2	

2623417	Safran Landing Systems	29/01/2013	2623417	13153108.9	French
2624055	Canon Kabushiki Kaisha	21/01/2013	2624055	13151997.7	
2624383	NGK SPARK PLUG CO., LTD.	27/09/2011	2624383	11828418.1	
2624455	Fuji Electric Co., Ltd.	29/09/2011	2624455	11829303.4	
2624681	UPM-Kymmene Corporation	07/10/2011	2624681	11830260.3	
2625543	University of Massachusetts	07/10/2011	2625543	11774141.3	
2628242	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	11/10/2011	2628242	11767266.7	French
2631996	Tridonic GmbH & Co. KG	22/02/2013	2631996	13000894.9	German
2632547	Vladila, Bogdan Constantin	25/10/2011	2632547	11805584.7	
2632996	University of Florida Research Foundation Incorporated	27/10/2011	2632996	11837080.8	
2633341	Optotune AG	26/10/2010	2633341	10775691.8	
2634872	NGK SPARK PLUG CO., LTD.	18/08/2011	2634872	11835766.4	
2635626	The Procter & Gamble Company	02/11/2011	2635626	11785847.2	
2635879	Landmark Graphics Corporation	02/11/2010	2635879	10859359.1	
2636415	Sanyo Chemical Industries, Ltd. Tabata, Yasuhiko	01/11/2011	2636415	11838001.3	
2637280	Toyota Jidosha Kabushiki Kaisha	05/11/2010	2637280	10859265.0	
2637978	Conductix Wampfler France	08/11/2011	2637978	11779408.1	French
2638305	Litens Automotive Partnership	14/11/2011	2638305	11839452.7	
2638357	DENTSPLY SIRONA Inc.	07/11/2011	2638357	11790689.1	
2638856	Fujita Health University Toshiba Medical Systems Corporation The Johns Hopkins University	08/11/2011	2638856	11839867.6	
2639947	Mitsubishi Electric Corporation	12/11/2010	2639947	10859488.8	
2640063	Samsung Electronics Co., Ltd.	13/03/2013	2640063	13158870.9	
2642377	HTC Corporation	22/03/2013	2642377	13001497.0	
2642917	Edda Technology, Inc. EDDA Technology Medical Solutions (Suzhou) Ltd.	23/11/2011	2642917	11842699.8	
2643120	IPG Photonics Corporation	30/11/2010	2643120	10859974.7	
2643659	Apple Inc.	17/11/2011	2643659	11841463.0	
2644556	Mitsubishi Electric Corporation	26/11/2010	2644556	10860020.6	
2645762	China Academy of Telecommunications Technology	26/09/2011	2645762	11828097.3	
2646788	Johnson & Johnson Vision Care Inc.	29/11/2011	2646788	11801902.5	

2647045	Intel Corporation	18/11/2011	2647045	11845225.9	
2647211	DISH Technologies L.L.C.	22/11/2011	2647211	11845579.9	
2651326	Surgigyn, Inc.	13/09/2011	2651326	11761207.7	
2653755	Transmisiones y Equipos Mecánicos, S.A. de C.V.	20/04/2012	2653755	12002790.9	
2654145	NGK SPARK PLUG CO., LTD.	06/09/2011	2654145	11848027.6	
2654325	Huawei Technologies Co., Ltd.	06/01/2012	2654325	12736688.8	
2656966	HOMAG GmbH	24/04/2013	2656966	13165088.9	German
2658051	NGK SPARK PLUG CO., LTD.	06/10/2011	2658051	11851707.7	
2659841	Fisher, Benjamin Cook Medical Technologies LLC	11/03/2013	2659841	13275051.4	
2660689	BlackBerry Limited	04/05/2012	2660689	12166813.1	
2663992	Micromass UK Limited	09/01/2012	2663992	12702862.9	
2663998	KLA-Tencor Corporation	08/01/2012	2663998	12734373.9	
2664143	Google Technology Holdings LLC	04/01/2012	2664143	12700882.9	
2664204	Beijing Xiaomi Mobile Software Co., Ltd.	10/01/2011	2664204	11855352.8	
2664295	Biosense Webster (Israel) Ltd.	14/05/2013	2664295	13167733.8	
2665038	Purchease	14/05/2013	2665038	13167707.2	French
2665363	Avery Dennison Corporation	23/01/2012	2665363	12702693.8	
2665486	Bioniz, LLC	17/01/2012	2665486	12736203.6	
2665989	SeeScan, Inc.	08/11/2011	2665989	11840343.5	
2669023	POSCO	24/01/2011	2669023	11856774.2	
2669216	Sony Interactive Entertainment Inc.	05/08/2011	2669216	11856792.4	
2670122	Kyocera Document Solutions Inc.	21/05/2013	2670122	13168486.2	
2670185	NEC Corporation	30/11/2011	2670185	11857085.2	
2670578	Plastic Omnium Advanced Innovation and Research	26/01/2012	2670578	12701133.6	
2671407	Synchronoss Technologies, Inc.	31/01/2012	2671407	12741769.9	
2672484	Sony Corporation	04/06/2013	2672484	13170460.3	
2672587	NGK SPARK PLUG CO., LTD.	01/02/2012	2672587	12742558.5	
2674700	LG Electronics Inc.	11/06/2013	2674700	13171430.5	
2675012	Fujikura Ltd.	09/02/2012	2675012	12744163.2	
2676555	Hsin, Shaochi	16/02/2012	2676555	12747509.3	
2677200	RK Rose + Krieger GmbH Verbindungs- und Positioniersysteme	07/06/2013	2677200	13171030.3	German
2677987	Perfuzia Medical, Inc.	22/02/2012	2677987	12749458.1	

2679049	Avago Technologies International Sales Pte. Limited	21/02/2012	2679049	12706937.5	
2679961	Honeywell International Inc.	19/06/2013	2679961	13172923.8	
2680072	Applied Materials Israel Ltd.	28/06/2013	2680072	13174278.5	
2681408	Flexidrill Limited	26/02/2012	2681408	12754740.4	
2683041	NGK SPARK PLUG CO., LTD.	12/01/2012	2683041	12754851.9	
2683245	Tonix Pharmaceuticals, Inc.	06/03/2012	2683245	12755254.5	
2684023	Testo SE & Co. KGaA	06/03/2012	2684023	12708676.7	German
2684225	Veoneer US, Inc.	10/02/2012	2684225	12758263.3	
2684267	ABB Schweiz AG	11/03/2011	2684267	11708043.2	
2685117	NTN Corporation	08/03/2012	2685117	12755184.4	
2686197	CPS Technology Holdings LLC	16/03/2012	2686197	12716140.4	
2686366	OCE-Technologies B.V.	02/03/2012	2686366	12707292.4	
2687033	FON Wireless Limited	12/03/2011	2687033	11713982.4	
2687705	Honda Motor Co., Ltd.	06/03/2012	2687705	12761178.8	
2688268	Samsung Electronics Co., Ltd.	19/07/2013	2688268	13177235.2	
2690683	Corning Precision Materials Co., Ltd.	22/07/2013	2690683	13177479.6	
2692026	John Mezzalingua Associates, Inc.	29/03/2012	2692026	12763440.0	
2692794	Toray Industries, Inc.	02/03/2012	2692794	12765756.7	
2692997	Mitsubishi Hitachi Power Systems, Ltd.	02/11/2011	2692997	11862583.9	
2693692	SteelCloud, LLC	31/07/2013	2693692	13178684.0	
2693785	NEC Corporation	11/11/2011	2693785	11862359.4	
2693789	Huawei Device Co., Ltd.	31/03/2012	2693789	12765671.8	
2695794	Mitsubishi Electric Corporation	06/04/2011	2695794	11863134.0	
2695954	JTEKT CORPORATION	08/08/2013	2695954	13179719.3	
2696336	BOE Technology Group Co., Ltd.	09/08/2013	2696336	13179884.5	
2696825	KCI Licensing, Inc.	09/04/2012	2696825	12713851.9	
2697634	The Boeing Company	09/02/2012	2697634	12711035.1	
2699322	Lacoste	19/04/2012	2699322	12722440.0	French
2699672	The Trustees of Princeton University	18/04/2012	2699672	12774029.8	
2700868	Truck-Lite Europe GmbH	23/02/2013	2700868	13000917.8	German
2702423	Wisconsin Alumni Research Foundation	10/04/2012	2702423	12720313.1	
2703869	FUJIFILM Corporation	27/04/2012	2703869	12777709.2	
2704628	CardioInsight Technologies, Inc.	04/05/2012	2704628	12779596.1	
2705302	Accordant Energy, LLC	23/04/2012	2705302	12774116.3	
2705442	Financial & Risk Organisation Limited	25/04/2012	2705442	12721633.1	

2706374	FURUNO ELECTRIC CO., LTD.	26/08/2013	2706374	13181671.2	
2707387	Octapharma AG	14/05/2012	2707387	12721821.2	
2707993	Samsung Electronics Co., Ltd.	09/05/2012	2707993	12781646.0	
2708027	MediaTek Inc.	19/04/2012	2708027	12781762.5	
2708698	Pratt & Whitney Canada Corp.	10/09/2013	2708698	13183782.5	
2710032	Momenta Pharmaceuticals, Inc.	18/05/2012	2710032	12790362.3	
2710423	Prysmian S.p.A.	10/04/2012	2710423	12712674.6	
2710902	Obshestvo S Ogranichennoj Otvetstvennostju "PARAFARM"	03/07/2012	2710902	12807257.6	
2712080	JAPAN RADIO CO., LTD	17/11/2008	2712080	13194488.6	
2713679	Melexis Technologies NV	27/09/2013	2713679	13186558.6	
2714299	Stolle Machinery Company, LLC	14/05/2012	2714299	12793991.6	
2714486	Hillmar Industries Ltd.	30/05/2011	2714486	11866481.2	
2715292	Micro Motion, Inc.	27/04/2012	2715292	12721640.6	
2716060	Google LLC	23/05/2012	2716060	12789516.7	
2716320	Löwenstein Medical Technology S.A.	18/05/2010	2716320	13005484.4	German
2716726	DIC Corporation Osaka City University	01/06/2012	2716726	12792020.5	
2716990	FläktGroup Deutschland GmbH	25/05/2013	2716990	13002722.0	German
2717489	Qualcomm Incorporated	07/08/2009	2717489	13199237.2	
2719200	Sony Ericsson Mobile Communications AB	09/06/2011	2719200	11728690.6	
2719964	LG ELECTRONICS INC.	09/04/2013	2719964	13162918.0	
2721281	Westport Power Inc. et Al.	28/05/2012	2721281	12800364.7	
2721811	Koninklijke Philips N.V.	07/06/2012	2721811	12730652.0	
2726060	ALLERGAN, INC.	29/06/2012	2726060	12738675.3	
2726128	Koninklijke Philips N.V.	25/06/2012	2726128	12740693.2	
2726141	Rani Therapeutics, LLC	27/06/2012	2726141	12804668.7	
2726423	Corning Incorporated	29/06/2012	2726423	12807641.1	
2726799	Camfridge Ltd	29/06/2012	2726799	12731437.5	
2727930	Kyowa Kirin Co., Ltd.	28/06/2012	2727930	12804564.8	
2728284	LG Electronics Inc.	31/10/2013	2728284	13191051.5	
2729156	ELC Management LLC	27/06/2012	2729156	12808235.1	
2729878	Samsung Electronics Co., Ltd.	05/07/2012	2729878	12808125.4	
2730742	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	11/11/2013	2730742	13192391.4	
2730990	Yokogawa Electric Corporation	11/11/2013	2730990	13192396.3	

2731789	Senvion GmbH Carbon Rotec GmbH & Co. KG	10/07/2012	2731789	12737488.2	German
2732245	Sanofi-Aventis Deutschland GmbH	12/07/2012	2732245	12733740.0	
2732922	STAHLWILLE Eduard Wille GmbH & Co. KG	23/10/2013	2732922	13005052.9	German
2733043	KMK Metallwerke GmbH	15/11/2013	2733043	13193221.2	German
2733556	Phoenix Contact GmbH & Co. KG	15/11/2013	2733556	13193170.1	German
2734615	PTT Global Chemical Public Company Limited	22/07/2011	2734615	11869784.6	
2734630	DSM IP Assets B.V.	20/07/2012	2734630	12815192.5	
2736051	Kyocera Document Solutions Inc.	22/11/2013	2736051	13194089.2	
2737113	Trützschler Switzerland AG	23/07/2012	2737113	12743649.1	German
2737537	HRL Laboratories, LLC	19/06/2012	2737537	12819630.0	
2738230	Shin-Etsu Chemical Co., Ltd.	26/11/2013	2738230	13194528.9	
2738425	BorgWarner Sweden AB	25/01/2010	2738425	14156833.7	
2738636	Waldemar Knittel Glasbearbeitungs GmbH Glaswerke Arnold GmbH & Co. KG	19/11/2013	2738636	13193504.1	German
2738668	Brother Kogyo Kabushiki Kaisha	29/11/2013	2738668	13195147.7	
2738965	LG Electronics Inc.	27/07/2012	2738965	12817856.3	
2742650	Tado GmbH	07/08/2012	2742650	12766388.8	German
2742962	TecPharma Licensing AG	31/07/2013	2742962	13178676.6	German
2744968	MHWirth AS	16/08/2012	2744968	12746375.0	
2746687	Mitsubishi Electric Corporation	05/11/2013	2746687	13191572.0	
2747906	Southwire Company, LLC	10/10/2012	2747906	12783741.7	
2748469	Halliburton Energy Services, Inc.	22/11/2011	2748469	11876224.4	
2748561	Nokia Technologies Oy	20/08/2012	2748561	12827838.9	
2749540	Morinaga Milk Industry Co., Ltd.	15/06/2012	2749540	12825947.0	
2749754	TOYOTA JIDOSHA KABUSHIKI KAISHA	23/08/2011	2749754	11864601.7	
2750716	Spago Nanomedical AB (publ)	20/09/2012	2750716	12759487.7	
2752023	Google Technology Holdings LLC	17/09/2012	2752023	12766810.1	
2752472	LG Hausys, Ltd.	05/10/2012	2752472	12838019.3	
2753411	Cecchi, Michael D. Mezezi, Monica	10/08/2012	2753411	12829485.7	
2754373	Yoshidafusa Orimono Co., Ltd.	08/11/2013	2754373	13836183.7	
2755544	Visionsense Ltd.	12/09/2012	2755544	12832575.0	

2756004	Regeneron Pharmaceuticals, Inc.	12/09/2012	2756004	12761864.3	
2761159	Omnidea, Lda.	05/07/2012	2761159	12746403.0	
2763192	Soko Kagaku Co., Ltd.	30/09/2011	2763192	11873108.2	
2763647	Tripp GmbH & Co. KG	04/07/2013	2763647	13759979.1	German
2763676	The University of Utah Research Foundation	03/10/2012	2763676	12840527.1	
2767049	Samsung Electronics Co., Ltd.	15/10/2012	2767049	12839976.3	
2767527	Hitachi Metals, Ltd.	09/10/2012	2767527	12840385.4	
2767710	Siemens Gamesa Renewable Energy A/S	26/11/2013	2767710	13194441.5	
2768409	Covidien LP	16/10/2012	2768409	12840970.3	
2768513	Institut National de la Recherche Agronomique (INRA) The Royal Institution for the Advancement of Learning / McGill University	18/10/2012	2768513	12783158.4	
2769448	Wobben Properties GmbH	10/10/2012	2769448	12784480.1	German
2771774	Microsoft Technology Licensing, LLC	24/10/2012	2771774	12843280.4	
2772500	Bayer HealthCare LLC	14/11/2005	2772500	14165736.1	
2772675	SKF Lubrication Systems Germany AG	20/02/2014	2772675	14155967.4	German
2772712	Samsung Electronics Co., Ltd.	27/02/2014	2772712	14156992.1	
2772797	LG Display Co., Ltd.	17/10/2013	2772797	13189060.0	
2773532	Magna Mirrors Of America, Inc.	01/11/2012	2773532	12845136.6	
2773748	Memorial Sloan Kettering Cancer Center	02/11/2012	2773748	12846715.6	
2774275	Telefonaktiebolaget LM Ericsson (publ)	31/10/2011	2774275	11875084.3	
2775003	Sumitomo Metal Mining Co., Ltd.	01/11/2012	2775003	12845775.1	
2776506	SABIC Global Technologies B.V.	08/11/2011	2776506	11875357.3	
2776771	Prime Datum Inc.	21/10/2012	2776771	12842083.3	
2776848	Beckman Coulter, Inc.	07/11/2012	2776848	12795933.6	
2776922	Microsoft Technology Licensing, LLC	06/11/2012	2776922	12847100.0	
2776946	Microsoft Technology Licensing, LLC	07/11/2012	2776946	12848104.1	
2777569	K2M, Inc.	11/03/2014	2777569	14158813.7	
2777621	DePuy Ireland Unlimited Company	13/03/2014	2777621	14159509.0	
2778412	KAESER KOMPRESSOREN SE	15/03/2013	2778412	13159616.5	German
2778983	Palantir Technologies Inc.	13/03/2014	2778983	14159535.5	
2780086	3M Innovative Properties Company	07/11/2012	2780086	12850170.7	

2780524	Grass GmbH	14/11/2012	2780524	12794867.7	German
2780852	Amyris, Inc.	16/11/2012	2780852	12806738.6	
2781114	Qualcomm Incorporated	15/11/2012	2781114	12798090.2	
2783527	Samsung Electronics Co., Ltd.	21/09/2012	2783527	12833665.8	
2783798	Kabushiki Kaisha Yaskawa Denki	28/02/2014	2783798	14157155.4	
2783891	TOYOTA JIDOSHA KABUSHIKI KAISHA	25/11/2011	2783891	11876184.0	
2784399	Soederhuizen Stenen B.V.	05/03/2014	2784399	14157789.0	
2784417	LG Electronics Inc.	24/01/2014	2784417	14152472.8	
2784589	Fuji Xerox Co., Ltd.	07/11/2013	2784589	13191996.1	
2784814	Intel Corporation	27/03/2014	2784814	14162134.2	
2784904	WITS Co., Ltd.	07/03/2014	2784904	14275046.2	
2785567	VOLVO LASTVAGNAR AB	28/11/2011	2785567	11815706.4	
2785655	Corning Incorporated	29/11/2012	2785655	12808955.4	
2786731	Unicharm Corporation	25/01/2013	2786731	13741158.3	
2787683	Samsung Electronics Co., Ltd.	09/01/2014	2787683	14150568.5	
2790967	Mailänder, Ralf	17/12/2012	2790967	12812922.8	German
2792844	Expro North Sea Limited	19/06/2012	2792844	14177125.3	
2792950	Guillot Industrie	11/04/2014	2792950	14164487.2	French
2793702	Carestream Dental Technology Topco Limited	21/06/2012	2793702	12859406.6	
2796844	ams international AG	25/04/2013	2796844	13165416.2	
2800423	Samsung Electronics Co., Ltd.	30/04/2014	2800423	14166667.7	
2800460	The Boeing Company	07/03/2014	2800460	14158277.5	
2801444	Hazet-Werk Hermann Zerver GmbH & Co. KG	17/04/2014	2801444	14165070.5	German
2802670	University of Washington	08/11/2012	2802670	12847334.5	
2803015	77 Elektronika Műszeripari Kft.	09/01/2013	2803015	13706710.4	
2803742	Kabushiki Kaisha Kobe Seiko Sho	26/11/2012	2803742	12864751.8	
2803862	Mitsubishi Electric Corporation	11/01/2012	2803862	12865224.5	
2804858	Mycovia Pharmaceuticals, Inc.	18/01/2013	2804858	13738427.7	
2805235	International Business Machines Corporation	13/11/2012	2805235	12865669.1	
2805749	Moldex-Metric AG & Co. KG	22/05/2013	2805749	13168818.6	
2809885	United Technologies Corporation	31/01/2013	2809885	13743738.0	
2812671	Beckman Coulter, Inc.	08/02/2013	2812671	13706356.6	
2813588	Santoku Corporation	07/02/2013	2813588	13746763.5	

2814657	International Paper Company	29/11/2012	2814657	12868670.6	
2814706	Continental Teves AG & Co. OHG Volkswagen AG	07/02/2013	2814706	13703396.5	German
2814849	Matos, Jose, R. CyDex Pharmaceuticals, Inc.	14/02/2013	2814849	13748804.5	
2814887	SABIC Global Technologies B.V.	26/03/2012	2814887	12868879.3	
2816652	Envision AESC Japan Ltd.	13/02/2013	2816652	13749695.6	
2818237	Chemstream BVBA	27/06/2014	2818237	14174812.9	
2818892	Toyota Jidosha Kabushiki Kaisha Fujitsu Ten Limited	14/11/2012	2818892	12869486.6	
2819050	Aliaslab S.p.A.	24/06/2014	2819050	14173645.4	
2819516	Otsuka America Pharmaceutical, Inc.	27/07/2012	2819516	12820058.1	
2819667	NOVELION THERAPEUTICS INC.	01/03/2013	2819667	13760943.4	
2819915	McLeay, Hugh	01/03/2013	2819915	13755828.4	
2820174	The University of North Carolina at Chapel Hill	27/02/2013	2820174	13754428.4	
2820289	Scania CV AB	25/02/2013	2820289	13755496.0	
2820380	HERE Global B.V.	21/11/2012	2820380	12798645.3	
2822819	Lünstedt, Oliver	04/03/2013	2822819	13707617.0	German
2823279	Essilor International	08/03/2013	2823279	13708795.3	French
2823410	Microsoft Technology Licensing, LLC	22/02/2013	2823410	13757813.4	
2823619	Google Technology Holdings LLC	06/03/2013	2823619	13712012.7	
2825236	ResMed Pty Ltd	02/11/2012	2825236	12791708.6	
2825285	Saudi Arabian Oil Company	13/03/2013	2825285	13711270.2	
2826136	Kienle + Spiess GmbH	13/03/2013	2826136	13715127.0	German
2827943	Cardiac Pacemakers, Inc.	20/02/2013	2827943	13707776.4	
2831767	Khalifa University of Science and Technology British Telecommunications public limited company Emirates Telecommunications Corporation	10/12/2012	2831767	12809311.9	
2831804	Landmark Graphics Corporation	30/03/2012	2831804	12873117.1	
2832135	Nokia Solutions and Networks Oy	26/03/2012	2832135	12710510.4	
2833572	Alcatel Lucent	29/07/2013	2833572	13306094.7	
2833803	Ethicon LLC	14/03/2013	2833803	13724428.1	
2834852	Probst, Volker	19/02/2013	2834852	13705161.1	German

2834900	Robert Bosch GmbH	05/03/2013	2834900	13707865.5	German
2835028	Qualcomm Incorporated	07/03/2013	2835028	13711512.7	
2835385	Chemstream BVBA	05/08/2014	2835385	14179871.0	
2836147	Vad, Vijay	11/04/2013	2836147	13775734.0	
2836482	The Regents of the University of California	10/04/2013	2836482	13775551.8	
2836913	Scaleo Chip Commissariat à l'Énergie Atomique et aux Énergies Alternatives	11/04/2013	2836913	13720278.4	French
2837121	Telefonaktiebolaget LM Ericsson (publ)	03/04/2013	2837121	13725761.4	
2837216	Nokia Technologies Oy	08/04/2013	2837216	13775830.6	
2837621	Chirogate International Inc.	13/08/2014	2837621	14180866.7	
2837889	Ansaldo Energia Switzerland AG	15/07/2014	2837889	14177008.1	
2838022	Nippon Telegraph And Telephone Corporation	29/03/2013	2838022	13769756.1	
2838312	Huawei Technologies Co., Ltd.	27/10/2008	2838312	14182558.8	
2839233	Valeo Systemes Thermiques	18/04/2013	2839233	13716816.7	French
2839399	iRobot Corporation	23/09/2013	2839399	13843954.2	
2839578	Qualcomm Incorporated	18/04/2013	2839578	13785967.4	
2839848	Bio Map Co., Ltd.	19/04/2012	2839848	12874604.7	
2841137	Fisher & Paykel Healthcare Limited	26/04/2013	2841137	13780998.4	
2841518	Henkel AG & Co. KGaA	25/04/2013	2841518	13722866.4	
2841704	United Technologies Corporation	20/04/2013	2841704	13781995.9	
2842069	Southeast Solutions, Inc.	24/04/2013	2842069	13781105.5	
2842975	Osaka Research Institute of Industrial Science and Technology Daihachi Chemical Industry Co., Ltd.	24/04/2013	2842975	13781398.6	
2845162	Stryker Corporation	17/04/2013	2845162	13784213.4	
2845295	TOYOTA JIDOSHA KABUSHIKI KAISHA	23/08/2013	2845295	13774783.8	
2845528	Marra, Emiliano	09/08/2014	2845528	14180449.2	
2847647	Nordic Semiconductor ASA	19/06/2013	2847647	13731445.6	
2848716	Sumitomo Electric Industries, Ltd. Sumitomo Electric Hardmetal Corp.	16/04/2014	2848716	14792151.4	
2848779	Nabtesco Automotive Corporation	09/05/2013	2848779	13787791.6	
2849992	Look Cycle International	03/05/2013	2849992	13729791.7	French
2850486	RealD Spark, LLC	15/05/2013	2850486	13790141.9	

2850492	LG Innotek Co., Ltd.	26/04/2013	2850492	13791147.5	
2852680	Sequenom, Inc.	20/05/2013	2852680	13726373.7	
2853201	Covidien LP	25/09/2014	2853201	14186318.3	
2853351	Aktiebolaget SKF	27/09/2013	2853351	13186495.1	
2853535	Alloferon Inc.	21/05/2012	2853535	12877567.3	
2854522	Aqua Mould Systems NZ Limited	28/05/2013	2854522	13796826.9	
2854664	Ethicon LLC	24/05/2013	2854664	13728603.5	
2854670	Neuropro Technologies, Inc.	21/05/2013	2854670	13797446.5	
2854693	Dental Vision B.V.B.A.	05/06/2013	2854693	13737121.7	
2855389	Saint-Gobain Isover	31/05/2013	2855389	13731387.0	French
2856127	Universiteit Gent	31/05/2013	2856127	13726512.0	
2858296	FUJITSU LIMITED	30/07/2014	2858296	14179107.9	
2858659	Bioverativ Therapeutics Inc.	07/06/2013	2858659	13799785.4	
2858909	WestRock Linkx Systems Limited	04/06/2013	2858909	13737351.0	
2859053	University Of Houston	10/06/2013	2859053	13834452.8	
2859459	Intel Corporation	06/06/2012	2859459	12891435.5	
2859686	Kroll Information Assurance, LLC	06/06/2013	2859686	13730423.4	
2860466	Sharp Kabushiki Kaisha	04/06/2013	2860466	13799986.8	
2861192	Dental Device Sweden AB	17/06/2013	2861192	13807661.7	
2862001	Hexagon Technology Center GmbH	13/06/2013	2862001	13728400.6	
2862079	International Business Machines Corporation	03/05/2013	2862079	13724529.6	
2863618	Kyocera Document Solutions Inc.	22/11/2013	2863618	13193991.0	
2863918	Intra-Cellular Therapies, Inc.	21/06/2013	2863918	13806448.0	
2864044	Sicat Catalysts, Inc. CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS- Université de Strasbourg	24/06/2013	2864044	13744613.4	French
2865162	ATI Technologies ULC	20/06/2013	2865162	13807836.5	
2866364	Panasonic Corporation	18/05/2007	2866364	14200199.9	
2866559	Reckitt Benckiser LLC	28/06/2013	2866559	13735368.6	
2866716	Ethicon LLC	14/06/2013	2866716	13734230.9	
2866822	The Trustees of The University of Pennsylvania	05/07/2013	2866822	13813188.3	
2866984	Robert Bosch GmbH	15/05/2013	2866984	13722460.6	German

2867676	Centre Hospitalier Universitaire de Lille Universite Lille 2 Droit et Sante Bio-Rad Europe GmbH	01/07/2013	2867676	13736816.3	
2868591	Albéa Services	22/10/2014	2868591	14189887.4	French
2869137	Chronométrie Ferdinand Berthoud	04/11/2013	2869137	13191468.1	French
2869607	Alcatel Lucent	01/11/2013	2869607	13290267.7	
2870489	SAAB AB	03/07/2012	2870489	12880585.0	
2870992	Axiom Angewandte Prozeßtechnik Ges. m.b.H.	12/11/2013	2870992	13192552.1	German
2871087	AISIN SEIKI KABUSHIKI KAISHA Toyota Jidosha Kabushiki Kaisha	04/11/2014	2871087	14191720.3	
2871089	Amazonen-Werke H. Dreyer GmbH & Co. KG	31/10/2014	2871089	14401105.3	German
2871998	coXa carry AB	11/07/2013	2871998	13735053.4	
2871999	coXa carry AB	11/07/2013	2871999	13735309.0	
2872760	United Technologies Corporation	12/07/2013	2872760	13817347.1	
2872779	Eaton Corporation	11/07/2013	2872779	13742774.6	
2872927	Halliburton Energy Services, Inc.	12/07/2012	2872927	12741426.6	
2873115	Deutsch Engineered Connecting Devices, Inc.	10/07/2013	2873115	13740444.8	
2873135	Samsung Electronics Co., Ltd.	12/07/2013	2873135	13816377.9	
2873171	Raytheon Company	08/05/2013	2873171	13726618.5	
2873927	LG ELECTRONICS INC.	29/09/2014	2873927	14186801.8	
2874636	Lesaffre et Compagnie	09/07/2013	2874636	13756560.2	French
2874977	The Boeing Company	17/06/2013	2874977	13818037.7	
2875791	Biosense Webster (Israel) Ltd.	24/11/2014	2875791	14194536.0	
2875854	APF Advanced Particle Filters GmbH	18/11/2014	2875854	14450048.5	German
2876117	Rohm and Haas Company	07/11/2014	2876117	14192359.9	
2876452	Tektronix, Inc.	08/09/2010	2876452	15150998.1	
2876548	FUJITSU LIMITED	17/11/2014	2876548	14193426.5	
2876888	Samsung Electronics Co., Ltd. University-Industry Cooperation Group of Kyung Hee University	17/07/2013	2876888	13819236.4	
2877558	Efficient Fuel Solutions, LLC	31/05/2013	2877558	13823068.5	
2877709	United Technologies Corporation	16/07/2013	2877709	13845117.4	
2878067	WINDFIN B.V.	25/07/2013	2878067	13777125.9	

2879983	Miller Industries Towing Equipment Inc.	18/07/2013	2879983	13825346.3	
2880485	JENOPTIK Optical Systems GmbH	24/07/2013	2880485	13747338.5	German
2880665	Headway Technologies, Inc.	30/07/2013	2880665	13748182.6	
2881543	Honeywell International Inc.	16/09/2014	2881543	14185038.8	
2881837	LG ELECTRONICS INC.	23/09/2014	2881837	14185871.2	
2881852	Konica Minolta, Inc.	26/11/2014	2881852	14194913.1	
2881976	Mitsubishi Heavy Industries Machine Tool Co., Ltd. National Institute of Advanced Industrial Science and Technology	25/09/2013	2881976	13840434.8	
2882556	Franz Haimer Maschinenbau KG	07/08/2013	2882556	13748014.1	German
2883882	Kyowa Kirin Co., Ltd.	19/03/2013	2883882	13828251.2	
2884733	Samsung Electronics Co., Ltd.	02/09/2014	2884733	14183237.8	
2885176	Jaguar Land Rover Limited	16/08/2013	2885176	13750573.1	
2885866	Siemens Aktiengesellschaft	20/08/2013	2885866	13762621.4	
2885957	ADC Technologies Inc.	19/08/2013	2885957	13830630.3	
2886331	LG CHEM, LTD.	29/07/2013	2886331	13879481.3	
2889584	Sony Corporation	10/07/2013	2889584	13833571.6	
2892440	Aesculap AG	10/07/2013	2892440	13737210.8	German
2893617	Carrier Corporation	02/07/2013	2893617	13739889.7	
2894069	AGCO International GmbH	09/09/2014	2894069	14184082.7	
2894161	The University of Tokyo PeptiDream Inc.	02/09/2013	2894161	13832461.1	
2895247	Equinor Energy AS	06/08/2013	2895247	13747831.9	
2895552	E. I. du Pont de Nemours and Company	05/09/2013	2895552	13766172.4	
2895958	Micron Technology, Inc.	13/09/2013	2895958	13836722.2	
2896029	Bendix Commercial Vehicle Systems, LLC	20/03/2013	2896029	13836337.9	
2896540	AGCO International GmbH	30/09/2014	2896540	14187129.3	
2896896	Mitsubishi Electric Corporation	20/10/2014	2896896	14189468.3	
2897273	Renesas Electronics Corporation	13/01/2015	2897273	15150901.5	
2898445	Qualcomm Connected Experiences, Inc.	19/09/2013	2898445	13776605.1	
2899822	Siemens Aktiengesellschaft	17/11/2014	2899822	14193504.9	German
2900052	One Pass Implements Inc.	26/09/2013	2900052	13840637.6	
2900923	United Technologies Corporation	22/02/2013	2900923	13842504.6	
2901222	Krones AG	12/09/2013	2901222	13765326.7	German

2902495	The Salk Institute for Biological Studies	07/11/2008	2902495	14184608.9	
2903477	Lash Duet, LLC	04/10/2013	2903477	13844453.4	
2903692	St. Jude Children's Research Hospital	08/10/2013	2903692	13846146.2	
2905984	Nokia Solutions and Networks Oy	06/02/2014	2905984	14154141.7	
2906769	Kronenberg, Ralf M.	11/10/2013	2906769	13780103.1	German
2907358	Nokia Technologies Oy	15/10/2012	2907358	12788660.4	
2907532	Han Biomedical Inc.	13/02/2015	2907532	15155057.1	
2908432	Palo Alto Research Center Incorporated	03/02/2015	2908432	15153689.3	
2908517	Mitsubishi Electric Corporation	12/11/2014	2908517	14192750.9	
2908591	Samsung Electronics Co., Ltd.	11/10/2013	2908591	13844599.4	
2908814	Signal Pharmaceuticals, LLC	17/10/2013	2908814	13824539.4	
2909483	Ebm-Papst St. Georgen GmbH & CO. KG	14/06/2013	2909483	13732113.9	German
2909495	Magna Powertrain of America, Inc.	14/10/2013	2909495	13823998.3	
2909847	Covidien LP	26/09/2013	2909847	13846563.8	
2910556	Nippon Kayaku Kabushiki Kaisha	17/10/2013	2910556	13846387.2	
2911261	LG Electronics Inc.	19/02/2015	2911261	15000489.3	
2911578	Dreamscape Medical LLC	24/10/2013	2911578	13849498.4	
2912060	The University of North Carolina at Chapel Hill Johns Hopkins University	29/10/2013	2912060	13851374.2	
2912690	New Imaging Technologies	25/10/2013	2912690	13783550.0	French
2913371	Seiko Epson Corporation	27/02/2015	2913371	15156945.6	
2913816	Saturn Licensing LLC	21/10/2013	2913816	13851695.0	
2914149	The Richards Corporation	01/11/2013	2914149	13786891.5	
2914195	DePuy Synthes Products, Inc.	05/11/2013	2914195	13792191.2	
2915235	Valeo Equipements Electriques Moteur	29/10/2013	2915235	13801621.7	French
2915237	Siemens Aktiengesellschaft	27/11/2013	2915237	13798995.0	German
2915318	Sony Mobile Communications AB	01/11/2013	2915318	13792493.2	
2916500	Acer Incorporated	11/02/2015	2916500	15154638.9	
2916804	L'Oréal	08/11/2013	2916804	13789776.5	
2916809	L'OREAL	08/11/2013	2916809	13853507.5	
2917114	Lantech.Com, Llc	25/10/2013	2917114	13788850.9	
2917166	Rolex S.A.	07/11/2013	2917166	13789273.3	
2917390	FPInnovations Inc.	07/11/2013	2917390	13853623.0	

2917722	Ohio University ExxonMobil Research and Engineering Company	04/11/2013	2917722	13792176.3
2917731	THE MACFARLANE BURNET INSTITUTE FOR MEDICAL RESEARCH AND PUBLIC HEALTH LTD	08/11/2013	2917731	13854034.9
2917736	F.HOFFMANN-LA ROCHE AG	11/11/2013	2917736	13789010.9
2919287	NGK Insulators, Ltd.	06/11/2012	2919287	12888036.6
2919909	Evoqua Water Technologies LLC	15/03/2013	2919909	13855054.6
2919998	Active Device Development Limited	12/11/2013	2919998	13792949.3
2920137	Lyondell Chemical Technology, L.P.	12/11/2013	2920137	13854796.3
2920172	Merck Sharp & Dohme Corp.	15/11/2013	2920172	13855780.6
2920563	KAZ Europe SA	18/11/2013	2920563	13852357.6
2920612	Carestream Dental Technology Topco Limited	08/11/2013	2920612	13795651.2
2920771	HYOSUNG TNS INC.	15/11/2013	2920771	13855545.3
2921128	Seiyukai Healthcare Corporation	07/11/2013	2921128	13855881.2
2921201	FUJIFILM Corporation	12/11/2013	2921201	13855117.1
2921896	Canon Kabushiki Kaisha	09/03/2015	2921896	15000687.2
2923220	Kromek Limited	22/11/2013	2923220	13796143.9
2924326	Nidec Sankyo Corporation	26/11/2013	2924326	13856310.1
2924899	Tsinghua University	22/11/2013	2924899	13856588.2
2925134	Bayer CropScience AG	25/11/2013	2925134	13795249.5
2925244	JustRight Surgical, LLC	26/12/2013	2925244	13870240.2
2925308	University Of South Florida	27/11/2013	2925308	13857810.9
2926083	Third Dimension Software Limited	07/11/2013	2926083	13789623.9
2926191	Cambridge Mechatronics Limited	20/11/2013	2926191	13798379.7
2926487	Huawei Technologies Co., Ltd.	18/02/2014	2926487	14705163.5
2926748	Covidien LP	02/05/2013	2926748	15167291.2
2926821	Tissue Genesis, LLC	05/03/2010	2926821	15164924.1
2927498	Mitsubishi Electric Corporation	03/10/2013	2927498	13858173.1
2927617	LG Electronics Inc.	31/03/2015	2927617	15161875.8
2927639	Honeywell International Inc.	18/03/2015	2927639	15159740.8
2928933	3M Innovative Properties Company	21/11/2013	2928933	13799744.1
2929876	Oxford PharmaScience Limited	01/10/2013	2929876	15166388.7
2930530	Qualcomm Incorporated	16/11/2011	2930530	15151597.0

2930771	Samsung SDI Co., Ltd.	19/03/2015	2930771	15159779.6	
2932759	Itron, Inc.	31/10/2013	2932759	13795048.1	
2932998	Second Sight Medical Products, Inc.	02/11/2007	2932998	15164435.8	
2933010	Gambro Lundia AB	17/04/2014	2933010	14165145.5	
2937269	Giant Manufacturing Co., Ltd.	20/04/2015	2937269	15164330.1	
2937614	Sumitomo Riko Company Limited	20/11/2013	2937614	13864036.2	
2937791	Zhuhai Pantum Electronics Co., Ltd.	17/10/2013	2937791	13862432.5	
2937972	Furukawa Electric Co., Ltd.	27/11/2013	2937972	13873708.5	
2939516	CNH Industrial Belgium nv	23/04/2015	2939516	15164859.9	
2939594	Panasonic Corporation	27/09/2013	2939594	13848112.2	
2939970	Paper Converting Machine Company Italia S.p.A.	10/04/2015	2939970	15163154.6	
2940219	Hansgrohe SE	09/04/2015	2940219	15162981.3	German
2940731	Siemens Aktiengesellschaft	02/04/2015	2940731	15162444.2	German
2941059	Huawei Technologies Co., Ltd.	28/12/2012	2941059	12890774.8	
2941317	Evonik Operations GmbH	03/01/2014	2941317	14700054.1	German
2942175	The Boeing Company	01/05/2015	2942175	15166113.9	
2942783	Nexans	05/05/2014	2942783	14305661.2	
2944022	Rambus Inc.	03/01/2014	2944022	14737836.8	
2944536	Bombardier Transportation GmbH	08/05/2015	2944536	15166964.5	German
2945158	Telefonaktiebolaget LM Ericsson (publ)	13/02/2008	2945158	15175006.4	
2945248	LSIS Co., Ltd.	28/04/2015	2945248	15165302.9	
2945465	SMR Patents S.à.r.l.	12/05/2014	2945465	14167967.0	German
2945698	Case Western Reserve University	16/01/2014	2945698	14703674.3	
2945740	Tecan Trading AG	06/01/2014	2945740	14700224.0	
2946146	Carrier Corporation	21/01/2013	2946146	13717974.3	
2946504	Intel IP Corporation	16/01/2014	2946504	14741161.5	
2946796	Senko Medical Instrument Mfg. Co., Ltd.	17/01/2014	2946796	14740129.3	
2946877	Doosan Machine Tools Co., Ltd.	10/01/2014	2946877	14741169.8	
2947142	Asahi Group Holdings, Ltd.	25/03/2014	2947142	14783317.2	
2947634	Eagle Vision Management Oy	21/05/2015	2947634	15397524.8	
2948461	Entasis Therapeutics Limited	22/01/2014	2948461	14702642.1	
2948491	Sika Technology AG	21/01/2014	2948491	14701174.6	
2949145	Telefonaktiebolaget LM Ericsson (publ)	25/01/2013	2949145	13701762.0	
2949845	Grass GmbH	18/05/2015	2949845	15167919.8	German

2949956	TOYOTA JIDOSHA KABUSHIKI KAISHA	22/01/2013	2949956	13872689.8	
2950563	ZTE Corporation	26/08/2013	2950563	13876625.8	
2951011	Neopost Technologies	29/01/2014	2951011	14710959.9	
2951307	Vascular Biogenics Ltd.	04/02/2014	2951307	14745845.9	
2951606	Qualcomm Incorporated	28/01/2014	2951606	14704721.1	
2951643	Kla-Tencor Corporation	30/01/2014	2951643	14745721.2	
2951867	Fortum OYJ	03/02/2014	2951867	14705208.8	
2952301	Softbank Robotics Europe	05/06/2014	2952301	14305850.1	
2952795	Goodrich Corporation	29/05/2015	2952795	15169892.5	
2953056	IRIS ID, Inc.	02/06/2015	2953056	15170285.9	
2953161	Kabushiki Kaisha Nihon Micronics Guala Technology Co., Ltd.	05/03/2014	2953161	14879259.1	
2953227	MAN Truck & Bus SE	29/04/2015	2953227	15001273.0	German
2955139	Roth + Weber GmbH	15/05/2015	2955139	15167870.3	German
2955862	Wuhan Fingu Electronic Technology Co., Ltd.	26/04/2013	2955862	13874802.5	
2956476	Vegenics Pty Limited	13/02/2014	2956476	14752057.1	
2956548	Jupeng Bio (HK) Limited	11/02/2014	2956548	14706244.2	
2956567	Universiteit Gent	14/02/2014	2956567	14705128.8	
2957754	United Technologies Corporation	05/06/2015	2957754	15170849.2	
2958008	manroland Goss web systems GmbH	03/06/2015	2958008	15170413.7	German
2958475	Ecolab USA Inc.	18/02/2014	2958475	14754711.1	
2958654	Camfil AB	19/02/2013	2958654	13705166.0	
2958838	Siemens Aktiengesellschaft	31/01/2014	2958838	14702806.2	German
2959365	Microsoft Technology Licensing, LLC	25/02/2014	2959365	14754003.3	
2959413	The University Of Tulsa	19/02/2013	2959413	13875879.2	
2959743	LG Electronics Inc.	28/10/2014	2959743	14858883.3	
2961001	TYCO ELECTRONICS AMP KOREA Co., Ltd.	24/06/2015	2961001	15173527.1	
2961738	CJ CheilJedang Corporation	21/10/2013	2961738	13802137.3	
2961962	United Technologies Corporation	25/02/2014	2961962	14756718.4	
2962301	Institut Mines-Telecom	25/02/2014	2962301	14713179.1	French
2962358	Nokia Technologies Oy	22/02/2013	2962358	13875792.7	
2962524	Watlow Electric Manufacturing Company	28/02/2014	2962524	14710749.4	
2962562	Sumitomo Chemical Company, Limited	25/02/2014	2962562	14757241.6	

2963257	FPT Motorenforschung AG	01/07/2014	2963257	14175218.8	
2963663	Friedrich-Alexander-Universität Erlangen-Nürnberg	11/06/2015	2963663	15171635.4	German
2963861	Deutsche Telekom AG	09/06/2015	2963861	15171165.2	German
2964329	The Regents of the University of California The Board of Trustees of the University of Illinois	07/03/2014	2964329	14759780.1	
2965075	Micromass UK Limited	05/03/2014	2965075	14710619.9	
2965947	SMR Patents S.à.r.l.	11/07/2014	2965947	14176666.7	German
2966304	Hanning Elektro-Werke GmbH & Co. KG	02/07/2015	2966304	15175000.7	German
2967052	Boyce Thompson Institute for Plant Research Inc.	17/03/2014	2967052	14764747.3	
2967331	INNOPRICK, S.L.	13/03/2014	2967331	14710540.7	
2967521	SRI International	13/03/2014	2967521	14770569.3	
2967717	Medtronic Holding Company Sàrl	12/03/2014	2967717	14773671.4	
2968949	Boston Scientific Neuromodulation Corporation	07/03/2014	2968949	14715748.1	
2969069	Zarda, Paul Richard Jr.	14/03/2014	2969069	14720820.1	
2969590	Lacks Enterprises, Inc.	15/03/2014	2969590	14720846.6	
2970015	Rolls-Royce Corporation	05/03/2014	2970015	14712130.5	
2970030	Rolls-Royce Corporation	12/03/2014	2970030	14718242.2	
2970427	Stone, Geoffrey W. Kornbluth, Richard S.	16/03/2014	2970427	14723934.7	
2970792	Lummus Technology LLC	05/03/2014	2970792	14775041.8	
2970908	Dana-Farber Cancer Institute, Inc.	14/03/2014	2970908	14720000.0	
2971124	Aegea Biotechnologies, Inc.	14/03/2014	2971124	14763902.5	
2971235	PPG Industries Ohio, Inc.	07/03/2014	2971235	14714070.1	
2971700	United Technologies Corporation	13/01/2014	2971700	14775200.0	
2971768	Kaeser Kompressoren SE	14/03/2014	2971768	14710264.4	German
2972429	Xilinx, Inc.	13/03/2014	2972429	14719456.7	
2972640	Qualcomm Incorporated	11/03/2014	2972640	14714526.2	
2972682	Intel Corporation	10/03/2014	2972682	14767295.0	
2972772	Amazon Technologies, Inc.	13/03/2014	2972772	14768489.8	
2973187	Intel Corporation	26/02/2014	2973187	14780280.5	
2974381	Robert Bosch GmbH	15/03/2013	2974381	13711008.6	

2974438	Qualcomm Incorporated	11/03/2014	2974438	14719408.8	
2974763	Maquet Critical Care AB	12/11/2007	2974763	15170967.2	
2974895	Mitsui Kinzoku ACT Corporation	25/06/2014	2974895	14881400.7	
2975180	Bächler Top Track AG	15/07/2014	2975180	14177134.5	German
2975401	Hexal AG	18/07/2014	2975401	14177705.2	
2975862	Harman International Industries, Incorporated	24/06/2015	2975862	15173500.8	
2976080	Aerie Pharmaceuticals, Inc.	14/03/2014	2976080	14719999.6	
2976186	Muth Mirror Systems, LLC	18/03/2014	2976186	14770349.0	
2976228	Kautex Textron GmbH & Co. KG	17/03/2014	2976228	14711731.1	
2976638	Caprion Proteomics Inc.	21/03/2014	2976638	14768036.7	
2976806	AVIWEST	17/03/2014	2976806	14711486.2	French
2977409	Teijin Limited	17/03/2014	2977409	14769671.0	
2978846	ISARNA Therapeutics GmbH	27/03/2014	2978846	14715563.4	
2979189	Hewlett Packard Enterprise Development LP	28/03/2013	2979189	13879895.4	
2979323	Telefonaktiebolaget LM Ericsson (publ)	24/03/2013	2979323	13711895.6	
2979651	FUJIFILM Corporation	27/03/2014	2979651	14776192.8	
2979942	Goodrich Corporation	27/07/2015	2979942	15178516.9	
2979984	Mitsubishi Gas Chemical Company, Inc.	13/03/2014	2979984	14773884.3	
2980817	JSR Corporation JM Energy Corporation	19/03/2014	2980817	14775274.5	
2981728	Warner Electric Technology LLC	27/03/2014	2981728	14722914.0	
2982725	Lumina Adhesives AB	24/09/2009	2982725	15020145.7	
2983322	Honeywell International Inc.	24/07/2015	2983322	15178382.6	
2983496	Neemco Limited	14/03/2014	2983496	14712714.6	
2983747	SHL Medical AG	05/03/2014	2983747	14709904.8	
2984418	Frascold S.p.A.	11/04/2014	2984418	14730997.5	
2984925	Ingenieurbüro Agrar- und Energie GmbH	01/07/2015	2984925	15001965.1	German
2985541	Kyoraku Co., Ltd.	07/04/2014	2985541	14782588.9	
2986049	Huawei Device Co., Ltd.	02/09/2014	2986049	14845511.6	
2989699	Huawei Technologies Co., Ltd.	30/04/2014	2989699	14732675.5	
2989836	Sony Corporation	15/04/2014	2989836	14717857.8	
2990066	Taisei Kako Co., Ltd.	22/04/2014	2990066	14788367.2	
2990246	Toyota Jidosha Kabushiki Kaisha	01/09/2015	2990246	15183302.7	

2990409	Kanto Kagaku Kabushiki Kaisha	22/04/2014	2990409	14788170.0	
2991059	Xiaomi Inc.	24/10/2013	2991059	13882944.5	
2991491	The Board of Trustees of the Leland Stanford Junior University Humboldt-Universität zu Berlin	29/04/2014	2991491	14792335.3	
2992165	Oil States Industries (UK) Ltd	02/05/2014	2992165	14780561.8	
2992489	Citrix Systems Inc.	23/04/2014	2992489	14728012.7	
2992994	Min, Byung Duk	23/04/2014	2992994	14792098.7	
2993424	Daikin Industries, Ltd.	30/04/2014	2993424	14792126.6	
2993454	Horiba Stec, Co., Ltd.	25/11/2014	2993454	14863368.8	
2995098	Conviva Wireless, LLC	06/05/2014	2995098	14729166.0	
2995641	Borealis AG	11/09/2014	2995641	14184408.4	
2996217	FDK Corporation	11/04/2014	2996217	14794570.3	
2996631	Ethicon, Inc	04/03/2014	2996631	14712451.5	
2997369	Children's Hospital Medical Center Westfälische Wilhelms-Universität Münster	13/05/2014	2997369	14797186.5	
2997959	Evonik Operations GmbH	17/09/2015	2997959	15185594.7	German
2998085	Andis Company	16/09/2015	2998085	15185460.1	
2999421	Channel Medsystems, Inc.	11/03/2014	2999421	14800541.6	
2999531	Donaldson Company, Inc.	22/05/2014	2999531	14731123.7	
2999944	Honeywell Limited	08/05/2014	2999944	14800394.0	
3000269	Qualcomm Incorporated	20/05/2014	3000269	14737062.1	
3001249	FUJIFILM Corporation	21/02/2012	3001249	15191630.1	
3002051	General Electric Technology GmbH	03/10/2014	3002051	14187641.7	
3003943	KONE Corporation	07/06/2013	3003943	13886356.8	
3004114	Alkermes Pharma Ireland Limited	23/05/2014	3004114	14801632.2	
3004627	GE Renewable Technologies	19/05/2014	3004627	14725423.9	
3004923	Airbus Defence and Space GmbH	02/06/2014	3004923	14753003.4	German
3005049	Qualcomm Incorporated	02/06/2014	3005049	14733473.4	
3005094	Ricoh Company, Ltd.	15/05/2014	3005094	14808389.2	
3005459	Elbit Systems Land and C4I Ltd.	20/06/2013	3005459	13886585.2	
3005868	Anova Applied Electronics, Inc.	10/02/2014	3005868	15192763.9	
3006206	The Yokohama Rubber Co., Ltd.	03/06/2014	3006206	14806973.5	
3006591	Inometa GmbH	10/10/2014	3006591	14188479.1	German
3007405	Ricoh Company, Ltd.	06/10/2015	3007405	15188451.7	
3007781	Icon Health & Fitness, Inc.	12/06/2014	3007781	14811051.3	

3008838	Samsung Electronics Co., Ltd.	13/06/2014	3008838	14810263.5	
3008963	Nokia Technologies Oy	13/06/2013	3008963	13886973.0	
3009035	Oelschläger Metalltechnik GmbH	26/06/2015	3009035	15174011.5	German
3009044	Grass GmbH	07/10/2015	3009044	15188724.7	German
3009352	The Boeing Company	24/08/2015	3009352	15182110.5	
3010135	Sumitomo Electric Industries, Ltd.	22/05/2014	3010135	14811023.2	
3010524	University of Helsinki	18/06/2014	3010524	14812998.4	
3010595	L'OREAL	19/06/2014	3010595	14734057.4	
3011106	Celanese Sales Germany GmbH	12/06/2014	3011106	14739299.7	
3011549	Centre Hospitalier Universitaire Val-Chum, Limited Partnership	20/06/2014	3011549	14814393.6	
3011563	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	23/06/2014	3011563	14732196.2	
3011716	Google LLC	17/06/2014	3011716	14737452.4	
3012048	DOWA Electronics Materials Co., Ltd.	19/06/2014	3012048	14814197.1	
3012094	Bauer Hockey Ltd.	02/07/2008	3012094	15185139.1	
3012696	Krohne Messtechnik GmbH	30/09/2015	3012696	15187702.4	German
3012757	Samsung Electronics Co., Ltd. University-Industry Cooperation Group of Kyung Hee University	21/10/2015	3012757	15190693.0	
3013918	BASF SE	16/06/2014	3013918	14732534.4	German
3013958	The United States of America, as represented by the Secretary, Department of Health and Human Services University of Massachusetts	24/06/2014	3013958	14818342.9	
3014043	Mincon International Ltd.	26/06/2014	3014043	14732921.3	
3014085	Borgwarner Inc.	23/06/2014	3014085	14817322.2	
3014586	Gentex Corporation	27/06/2014	3014586	14747748.3	
3014656	Technische Universität Dresden	25/06/2014	3014656	14732571.6	German
3014775	Rosemount Inc.	28/05/2014	3014775	14817327.1	
3015776	LG Electronics Inc.	30/10/2015	3015776	15192323.2	
3016095	LG Display Co., Ltd.	16/10/2015	3016095	15190092.5	
3016113	LG Display Co., Ltd.	18/08/2014	3016113	14836651.1	
3016177	LG Chem, Ltd.	21/08/2014	3016177	14838665.9	
3016217	Kabushiki Kaisha Topcon	18/08/2015	3016217	15181460.5	
3016293	Xiaomi Inc.	30/10/2015	3016293	15192431.3	

3016833	Vanderlande Industries B.V.	07/07/2014	3016833	14741426.2	
3018084	C & S Paper Co. Ltd.	09/06/2014	3018084	14820197.3	
	Deng, Yingzhong				
	Deng, Guanbiao				
	Zhang, Hong				
3019265	Mann+Hummel GmbH	08/07/2014	3019265	14736804.7	German
3019410	Market Development AS	08/07/2014	3019410	14822367.0	
3019600	VLP Therapeutics, LLC	11/07/2014	3019600	14823398.4	
3019672	Veldhuizen, Dennis	09/07/2014	3019672	14761705.4	
3019728	United Technologies Corporation	03/07/2014	3019728	14823162.4	
3020240	Qualcomm Incorporated	24/06/2014	3020240	14740091.5	
3020993	JTEKT CORPORATION	16/03/2012	3020993	15196793.2	
3021491	NXP B.V.	07/10/2015	3021491	15188783.3	
3021566	Ricoh Company Ltd.	15/09/2015	3021566	15185244.9	
3021953	RT-Filtertechnik GmbH	26/06/2014	3021953	14741198.7	German
3022885	Google LLC	18/07/2014	3022885	14752464.9	
3023159	Damann, Volker	24/03/2014	3023159	15200416.4	German
	Damann, Roland				
3023188	Toyota Jidosha Kabushiki Kaisha	16/11/2015	3023188	15194742.1	
3023629	STARTING INDUSTRIAL CO., LTD.	18/11/2015	3023629	15195206.6	
3023680	FASTER S.r.l.	19/11/2014	3023680	14193884.5	
3025380	Lumileds Holding B.V.	09/07/2014	3025380	14759305.7	
3025511	Sonova AG	22/07/2013	3025511	13739445.8	
3025646	Konica Minolta, Inc.	19/11/2015	3025646	15195357.7	
3025676	Implantica Patent Ltd.	10/10/2008	3025676	15201367.8	
3025683	Össur Iceland EHF	23/10/2015	3025683	15191212.8	German
3025896	Yanmar Co., Ltd.	20/06/2014	3025896	14829634.6	
3026297	THK CO., LTD.	22/07/2014	3026297	14828719.6	
3026711	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	24/11/2015	3026711	15196134.9	French
	STMicroelectronics, Inc.				
3026724	LG Display Co., Ltd.	17/06/2015	3026724	15172515.7	
3027121	Covidien LP	30/07/2014	3027121	14831785.2	
3028099	Dolby Laboratories Licensing Corporation	28/07/2014	3028099	14833035.0	
3028116	Väderstad Holding AB	22/07/2014	3028116	14744043.2	
3028522	Telecom Italia S.p.A.	31/07/2013	3028522	13747998.6	

3028681	Cook Medical Technologies LLC THE CLEVELAND CLINIC FOUNDATION	12/10/2004	3028681	16150466.7	
3028914	HERE Global B.V.	24/11/2015	3028914	15195945.9	
3028951	Yoshino Kogyosho Co., Ltd.	10/07/2014	3028951	14831647.4	
3029770	VEGA Grieshaber KG	23/07/2010	3029770	16152027.5	German
3030134	Carl Zeiss Meditec AG Carl Zeiss Meditec, Inc.	05/08/2014	3030134	14748123.8	
3030207	3M Innovative Properties Company	31/07/2014	3030207	14752524.0	
3030249	Rigshospitalet, Copenhagen University Hospital	04/08/2014	3030249	14750142.3	
3031447	Japan Science and Technology Agency	05/08/2014	3031447	14835122.4	
3031874	Nitto Denko Corporation	23/06/2014	3031874	14834270.2	
3032103	Emerson Climate Technologies (Suzhou) Co., Ltd.	16/07/2014	3032103	14833953.4	
3032738	Intel Corporation	10/11/2015	3032738	15193954.3	
3032948	Pharmaceutical Manufacturing Research Services, Inc.	12/08/2014	3032948	14835784.1	
3033417	Hasumi, Kenichiro	27/06/2013	3033417	13809052.7	
3033808	Harting Electric GmbH & Co. KG	04/06/2014	3033808	14741189.6	German
3033843	General Electric Technology GmbH	11/08/2014	3033843	14752811.1	French
3034080	Merck Sharp & Dohme Corp.	06/10/2010	3034080	15197990.3	
3035745	Intel IP Corporation	16/11/2015	3035745	15194833.8	
3035841	KPR U.S., LLC	04/08/2014	3035841	14755480.2	
3035885	Boehringer Ingelheim Vetmedica GmbH	19/08/2014	3035885	14766655.6	
3035887	Boehringer Ingelheim Vetmedica GmbH	19/08/2014	3035887	14766657.2	
3037975	Intel Corporation	04/11/2010	3037975	16150941.9	
3038254	Onkyo Corporation	20/11/2015	3038254	15195641.4	
3038257	Japan Science and Technology Agency	29/07/2014	3038257	14838727.7	
3038509	Medi-Globe GmbH	29/08/2014	3038509	14780403.3	German
3038705	PCI Biotech AS	28/08/2014	3038705	14755836.5	
3038765	BOMILL AB	28/08/2014	3038765	14839056.0	
3039235	Schlumberger Technology B.V.	29/08/2014	3039235	14841087.1	
3039276	United Technologies Corporation	21/08/2014	3039276	14839045.3	

3039296	Maier, William C. Egan, William C. Moehle, Axel Gels, Patrick Festa, Marco Bethge, Andreas Benestad, Pål Georg Nelson, Jonas Dresser-Rand Company Siemens Aktiengesellschaft Gilarranz, Jose L.	27/08/2014	3039296	14839198.0	
3039359	EUROCAVE SA	26/08/2014	3039359	14761592.6	French
3039575	VMware, Inc.	10/06/2014	3039575	14736203.2	
3040205	Krones AG	17/11/2015	3040205	15194936.9	German
3041067	Samsung SDI Co., Ltd.	29/12/2015	3041067	15202955.9	
3041570	Boston Scientific Neuromodulation Corporation	02/09/2014	3041570	14771998.3	
3041937	President and Fellows of Harvard College	05/09/2014	3041937	14783690.2	
3042099	Siemens Mobility GmbH	13/11/2014	3042099	14802351.8	German
3042205	F. Hoffmann-La Roche AG	03/09/2014	3042205	14758893.3	
3043002	Lee, Dong Jin	01/09/2014	3043002	14842656.2	
3044085	SF Marina System International AB	15/09/2014	3044085	14780640.0	
3044149	J. Hvidtved Larsen A/S	20/08/2014	3044149	14842833.7	
3044891	Khalifa University of Science and Technology British Telecommunications public limited company Emirates Telecommunications Corporation	11/09/2013	3044891	13770494.6	
3044966	Nagravision S.A.	04/09/2014	3044966	14759176.2	French
3045726	Kaeser Kompressoren SE	22/03/2013	3045726	16151509.3	German
3046147	COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES	15/01/2016	3046147	16151557.2	French
3046182	Skywave Mobile Communications Inc.	11/01/2016	3046182	16150713.2	
3046343	Telia Company AB	13/01/2016	3046343	16150998.9	

3046747	Materialise N.V.	19/09/2014	3046747	14784010.2	
3047171	Valeo Embrayages	16/09/2014	3047171	14784297.5	French
3047875	Med-El Elektromedizinische Geräte GmbH	03/08/2009	3047875	16154607.2	
3047983	The Yokohama Rubber Co., Ltd.	28/03/2014	3047983	14855548.5	
3048778	Intel Corporation	24/11/2015	3048778	15196148.9	
3049151	Mevion Medical Systems, Inc.	26/09/2014	3049151	14781423.0	
3049439	Ablynx N.V.	26/09/2014	3049439	14777078.8	
3049495	3M Innovative Properties Company	23/09/2014	3049495	14781380.2	
3049812	Schoen, Robert E. Cell Signaling Technology, Inc. University of Pittsburgh - Of the Commonwealth System of Higher Education	15/07/2014	3049812	14826480.7	
3049820	Qualcomm Incorporated	26/09/2014	3049820	14783744.7	
3049856	LG Electronics Inc.	20/01/2014	3049856	14848233.4	
3050299	Qualcomm Incorporated	26/09/2014	3050299	14782051.8	
3050579	AESCULAP AG	02/02/2007	3050579	15202504.5	German
3050690	Chengdu Youyang Electromechanical Product Design Co., Ltd.	25/09/2013	3050690	13894096.0	
3051561	Tyco Electronics Austria GmbH	30/01/2015	3051561	15153203.3	
3051596	China Triumph International Engineering Co., Ltd. CTF Solar GmbH	23/09/2014	3051596	14847054.5	
3053008	QUANTUM INTERFACE, LLC	01/10/2014	3053008	14850802.1	
3053998	Toppan Printing Co., Ltd.	26/09/2014	3053998	14848790.3	
3054362	FURUNO ELECTRIC CO., LTD.	04/02/2016	3054362	16154261.8	
3054563	Fuji Electric Co., Ltd.	11/09/2014	3054563	14851171.0	
3054693	Samsung Electronics Co., Ltd.	01/10/2014	3054693	14850816.1	
3054784	Nutrition Sciences N.V.	09/10/2014	3054784	14806066.8	
3054834	Acist Medical Systems, Inc.	07/10/2014	3054834	14786571.1	
3055423	Collectis	10/10/2014	3055423	14783630.8	
3055602	Voss Automotive GmbH	10/10/2014	3055602	14799337.2	German
3056003	QUALCOMM INCORPORATED	09/10/2014	3056003	14789468.7	
3056103	ASICS Corporation	10/10/2013	3056103	13895386.4	
3057120	SPTS Technologies Limited	15/02/2016	3057120	16155750.9	
3057782	Bartell Machinery Systems LLC	09/10/2014	3057782	14786771.7	

3058095	Regeneron Pharmaceuticals, Inc.	14/10/2014	3058095	14843178.6	
3058425	Siemens Aktiengesellschaft	04/11/2014	3058425	14793844.3	German
3058608	Lockheed Martin Energy, LLC	13/10/2014	3058608	14854729.2	
3059469	NSK Ltd.	27/11/2014	3059469	14865130.0	
3059605	Nokia Technologies Oy	28/01/2016	3059605	16153045.6	
3059634	Samsung Display Co., Ltd.	17/02/2016	3059634	16156051.1	
3060121	Medtronic MiniMed, Inc.	23/10/2014	3060121	14795913.4	
3060286	Avent, Inc.	16/09/2014	3060286	14786332.8	
3060373	Corning Incorporated	20/10/2014	3060373	14792957.4	
3060696	ATOTECH Deutschland GmbH	14/10/2014	3060696	14784069.8	
3060768	TOYOTA JIDOSHA KABUSHIKI KAISHA	26/08/2014	3060768	14776746.1	
3061031	Next Print Technologies APS	25/10/2013	3061031	13821980.3	
3061541	Stolle Machinery Company LLC	14/05/2012	3061541	16163169.2	
3061759	Idemitsu Kosan Co., Ltd	24/02/2015	3061759	15156360.8	
3061766	VANDERBILT UNIVERSITY	28/04/2010	3061766	16150943.5	
3062070	Schneider Electric Systems USA, Inc.	25/02/2016	3062070	16157382.9	
3062319	LSIS Co., Ltd.	13/11/2015	3062319	15194542.5	
3062494	Alpine Electronics, Inc.	25/02/2016	3062494	16157413.2	
3063362	Halliburton Energy Services Inc.	28/10/2013	3063362	13896557.9	
3063746	InVue Security Products, Inc.	29/10/2014	3063746	14858076.4	
3064147	Ethicon LLC	04/03/2016	3064147	16158815.7	
3064351	Toppan Printing Co., Ltd.	28/10/2014	3064351	14857607.7	
3064668	Steinhardt GmbH	05/03/2015	3064668	15157758.2	
3064897	3Shape A/S	02/03/2016	3064897	16158281.2	
3064985	Ricoh Company, Ltd.	02/03/2016	3064985	16158170.7	
3065012	OMRON CORPORATION	03/03/2016	3065012	16158543.5	
3065034	Seiko Epson Corporation	28/10/2014	3065034	14857663.0	
3065406	Nokia Technologies Oy	29/02/2016	3065406	16157761.4	
3065565	DSM IP Assets B.V.	06/11/2014	3065565	14798759.8	
3065567	DSM IP Assets B.V.	06/11/2014	3065567	14799698.7	
3065568	DSM IP Assets B.V.	06/11/2014	3065568	14799699.5	
3065670	St. Jude Medical, Cardiology Division, Inc.	05/11/2014	3065670	14799946.0	
3065730	Atp Institute Pty Ltd.	04/11/2014	3065730	14856949.4	
3065990	Siemens Mobility GmbH	15/01/2014	3065990	14700856.9	German
3066205	Ellmann Engineering (EE) GmbH	10/11/2014	3066205	14798780.4	German

3066261	Ecolab USA Inc.	07/11/2014	3066261	14859971.5
3066323	Scania CV AB	03/11/2014	3066323	14860465.5
3066742	Raytheon BBN Technologies Corp.	07/11/2014	3066742	14864989.0
3066780	Qualcomm Incorporated	04/11/2014	3066780	14802745.1
3066837	Mutualink Inc.	05/11/2014	3066837	14815115.2
3066895	Neilsen-Kuljian Inc.	31/10/2014	3066895	14860506.6
3066970	Toshiba Lifestyle Products & Services Corporation	07/11/2014	3066970	14860963.9
3067124	Sekisui Chemical Co., Ltd.	05/11/2014	3067124	14859434.4
3067340	Braskem S.A.	08/11/2013	3067340	13897037.1
3067438	Dowa Thermotech Co., Ltd.	06/11/2014	3067438	14859803.0
3067614	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	23/02/2016	3067614	16156833.2
3067635	Mitsubishi Electric Corporation	08/11/2013	3067635	13897017.3
3068212	The Texas A&M University System	06/11/2014	3068212	14860187.5
3068352	Novartis AG	06/11/2014	3068352	14868291.7
3068581	3M Innovative Properties Company	04/11/2014	3068581	14862088.3
3068762	Collaborative Medicinal Development, LLC	10/11/2014	3068762	14803023.2
3068774	Novira Therapeutics Inc.	14/11/2014	3068774	14862708.6
3068879	Danisco US Inc.	14/11/2014	3068879	14812339.1
3068897	F. Hoffmann-La Roche AG	10/11/2014	3068897	14795827.6
3068942	INVISTA Textiles (U.K.) Limited	14/11/2014	3068942	14862219.4
3069069	Microsoft Technology Licensing, LLC	14/11/2013	3069069	13802769.3
3069224	Microsoft Technology Licensing, LLC	12/11/2014	3069224	14819119.0
3069227	Microsoft Technology Licensing, LLC	10/11/2014	3069227	14812022.3
3069405	TOYOTA JIDOSHA KABUSHIKI KAISHA	06/11/2014	3069405	14808698.6
3069466	Intuit Inc.	23/10/2014	3069466	14862416.6
3069477	Vasona Networks, Inc.	12/11/2013	3069477	13897447.2
3069646	Toshiba Lifestyle Products & Services Corporation	07/11/2014	3069646	14860923.3
3069782	Nippon Shokubai Co., Ltd.	14/11/2014	3069782	14862695.5
3070180	NSK Ltd.	13/11/2014	3070180	14861768.1
3071006	FUJI Corporation	11/11/2013	3071006	13897023.1
3071180	DSM IP Assets B.V.	17/11/2014	3071180	14802843.4
3071220	Apeiron Biologics AG	21/11/2014	3071220	14802642.0

3071266	Sanofi-Aventis Deutschland GmbH	17/11/2014	3071266	14799433.9	
3071520	The University Of Manchester	20/11/2014	3071520	14803204.8	
3071944	Malvern Panalytical Limited	07/11/2014	3071944	14796868.9	
3072036	Wacom Co., Ltd.	19/11/2014	3072036	14863146.8	
3072066	Microsoft Technology Licensing, LLC	14/11/2014	3072066	14809177.0	
3072171	Yeda Research and Development Co. Ltd	19/11/2014	3072171	14824121.9	
3072254	Intel IP Corporation	12/11/2014	3072254	14864664.9	
3073105	HONDA MOTOR CO., LTD.	26/02/2016	3073105	16157674.9	
3073198	Ansaldo Energia Switzerland AG	27/03/2015	3073198	15161382.5	
3073729	Nikon Corporation	18/11/2014	3073729	14861956.2	
3074227	REHAU AG + Co	26/11/2014	3074227	14808837.0	German
3074474	Dow Global Technologies LLC	27/11/2013	3074474	13898459.6	
3074811	Johnson & Johnson Vision Care Inc.	20/11/2014	3074811	14812071.0	
3075465	Dongguan Eontec Co., Ltd. Institute of Metal Research Chinese Academy of Sciences	27/08/2014	3075465	14865968.3	
3075658	The Boeing Company	22/02/2016	3075658	16156642.7	
3075888	Industrial Technology Research Institute	18/08/2015	3075888	15181409.2	
3077852	Symetrica Limited	28/11/2014	3077852	14806373.8	
3078023	Dolby International AB	27/11/2014	3078023	14802913.5	
3078105	Weidmüller Interface GmbH & Co. KG	18/11/2014	3078105	14800027.6	German
3078150	Qualcomm Incorporated	05/11/2014	3078150	14802291.6	
3078201	Microsoft Technology Licensing, LLC	28/11/2014	3078201	14816522.8	
3078793	Huf Hülsbeck & Fürst GmbH & Co. KG	10/04/2015	3078793	15163107.4	German
3079872	S & P Clever Reinforcement Company AG	04/12/2014	3079872	14830873.7	German
3080951	Khalifa University of Science and Technology British Telecommunications public limited company Emirates Telecommunications Corporation	09/12/2013	3080951	13815105.5	
3080960	Thales Dis France SA	17/10/2014	3080960	14787146.1	
3081239	Alcon Research, Ltd.	27/11/2012	3081239	16171180.9	

3083556	Novartis AG	17/12/2014	3083556	14835739.5	
3085220	Precision Planting LLC	17/08/2006	3085220	16174076.6	
3085553	Continental Reifen Deutschland GmbH	14/01/2016	3085553	16151278.5	German
3085921	Hilite Germany GmbH	04/04/2016	3085921	16163703.8	German
3086038	Whirlpool Corporation	25/03/2016	3086038	16162486.1	
3086052	Käferhaus, Jochen Obkircher, Leo Moser, Wieland	21/04/2016	3086052	16166365.3	German
3087447	SOMFY ACTIVITES SA	22/12/2014	3087447	14833516.9	French
3087910	Canon Kabushiki Kaisha	28/04/2016	3087910	16167432.0	
3088741	ArianeGroup SAS	27/04/2016	3088741	16167333.0	French
3088743	Pfeiffer Vacuum GmbH	14/07/2014	3088743	16171251.8	German
3088744	Edwards Japan Limited	29/10/2014	3088744	14874362.8	
3088781	Foxboro Eckardt GmbH	27/04/2016	3088781	16167228.2	
3088991	TP Vision Holding B.V.	30/04/2015	3088991	15166020.6	
3089331	Samsung Electronics Co., Ltd.	25/03/2015	3089331	15785543.8	
3089333	Zhejiang Sanhua Automotive Components Co., Ltd.	28/04/2016	3089333	16167500.4	
3091439	Marvell Israel (M.I.S.L) LTD.	19/04/2016	3091439	16165893.5	
3091816	BATTELLE MEMORIAL INSTITUTE	05/01/2016	3091816	16000007.1	
3091824	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	05/01/2016	3091824	16150180.4	
3092310	President and Fellows of Harvard College	08/01/2015	3092310	15735409.3	
3092555	Google LLC	09/01/2015	3092555	15702039.7	
3092701	Protean Electric Limited	19/12/2014	3092701	14831089.9	
3092856	Intel IP Corporation	06/11/2014	3092856	14876206.5	
3093041	MT.DERM GmbH	11/05/2015	3093041	15167154.2	German
3093079	WAFIOS Aktiengesellschaft	22/04/2016	3093079	16166657.3	German
3093113	Goodrich Corporation	17/05/2016	3093113	16169899.8	
3093388	Seiko Epson Corporation	01/02/2016	3093388	16153667.7	
3093962	Mitsubishi Electric Corporation	07/02/2014	3093962	14881811.5	
3094229	Golden Ventures, Inc. Models, LLC	20/11/2014	3094229	14863632.7	
3094567	CHEP Technology Pty Limited	09/01/2015	3094567	15737100.6	
3094698	Bostik, Inc.	16/01/2015	3094698	15701661.9	

3095614	AGFA NV Unilin BVBA	22/05/2015	3095614	15168915.5	
3095716	Safran Aero Boosters SA	13/05/2016	3095716	16169666.1	French
3096637	Bell Sports Inc.	06/03/2015	3096637	15757837.8	
3096763	Laurus Labs Limited	20/01/2015	3096763	15740288.4	
3096911	United Technologies Corporation	21/01/2015	3096911	15740789.1	
3097073	Rhodia Operations	20/01/2015	3097073	15704468.6	French
3097146	Dow Global Technologies LLC Rohm and Haas Company	23/01/2014	3097146	14879678.2	
3097445	NKT HV Cables GmbH	21/01/2014	3097445	14701069.8	
3097689	Telefonaktiebolaget LM Ericsson (publ)	23/01/2014	3097689	14704936.5	
3098072	Fritz Egger GmbH & Co. OG	10/03/2016	3098072	16159712.5	German
3098762	Samsung Electronics Co., Ltd.	26/05/2016	3098762	16171554.5	
3098895	Hitachi Automotive Systems, Ltd.	20/01/2014	3098895	14878518.1	
3098942	University Public Corporation Osaka Daikin Industries, Ltd.	04/03/2015	3098942	15758073.9	
3099005	Alcatel Lucent	26/05/2015	3099005	15305792.2	
3099450	Wälischmiller Engineering GmbH	30/01/2015	3099450	15703546.0	German
3099624	The Raymond Corporation	28/01/2015	3099624	15704429.8	
3099709	AIMM Therapeutics B.V.	30/01/2015	3099709	15704857.0	
3100814	SIDERGAS SpA	13/01/2011	3100814	16176630.8	
3101094	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	15/01/2015	3101094	15742605.7	
3101169	LG ELECTRONICS INC.	31/05/2016	3101169	16172063.6	
3101230	General Electric Company	27/05/2016	3101230	16171651.9	
3101243	MAN Truck & Bus SE	04/05/2016	3101243	16001017.9	German
3101833	Intel Corporation	06/11/2014	3101833	16168650.6	
3101856	ABB Schweiz AG	03/06/2015	3101856	15170532.4	
3102050	General Mills, Inc.	07/02/2014	3102050	14881519.4	
3103520	Elekta Limited	03/06/2016	3103520	16172932.2	
3103521	Elekta Limited	03/06/2016	3103521	16172939.7	
3103852	Ecolab USA Inc.	08/06/2016	3103852	16173603.8	
3105135	3M Innovative Properties Company	30/01/2015	3105135	15746924.8	
3105138	Obrist Closures Switzerland GmbH	07/02/2015	3105138	15706173.0	
3105656	Samsung Electronics Co., Ltd.	09/02/2015	3105656	15745916.5	
3106236	Consorzio Cerea S.p.A.	16/06/2015	3106236	15172419.2	
3106478	Zeon Corporation	09/02/2015	3106478	15749351.1	

3106481	Mitsui Chemicals, Inc.	13/02/2015	3106481	15749292.7	
3107408	Incredible Foods, Inc.	19/02/2015	3107408	15707502.9	
3107642	Humanity Life Extension LLC	16/02/2015	3107642	15749068.1	
3107932	INSERM (Institut National de la Santé et de la Recherche Médicale) Université Paris Diderot - Paris 7 Assistance Publique-Hôpitaux de Paris (APHP)	17/02/2015	3107932	15705594.8	
3107958	Collaborative Aggregates, LLC	10/11/2014	3107958	14815959.3	
3108345	Cambridge Touch Technologies Limited	17/02/2015	3108345	15751362.3	
3108624	Telefonaktiebolaget LM Ericsson (publ)	21/02/2014	3108624	14706026.3	
3108848	3M Innovative Properties Company	18/10/2007	3108848	16177283.5	
3108982	Alrotec Tecnology S.L.U.	11/02/2015	3108982	15752695.5	
3109379	Federal Lock Co., Ltd.	26/06/2015	3109379	15174154.3	
3109412	United Technologies Corporation	23/06/2016	3109412	16176050.9	
3109499	WABCO Europe BVBA	23/06/2015	3109499	15001864.6	German
3110198	Accenture Global Services Limited	13/06/2016	3110198	16174117.8	
3110270	Altria Client Services LLC	27/02/2015	3110270	15710046.2	
3110334	Centre Léon-Bérard Institut National de la Santé et de la Recherche Médicale Université Claude Bernard Lyon 1	26/02/2015	3110334	15707106.9	
3110534	Noram Engineering and Constructors Ltd	28/02/2014	3110534	14884237.0	
3110685	Robinson, Alan John	10/02/2015	3110685	15709849.2	
3111220	EarlyBio GmbH	26/02/2015	3111220	15707904.7	German
3112142	The Goodyear Tire & Rubber Company	17/06/2016	3112142	16175063.3	
3113171	Soundchip SA	06/06/2016	3113171	16173136.9	
3113526	Huawei Technologies Co., Ltd.	27/02/2014	3113526	14883621.6	
3113543	Intel IP Corporation	24/05/2016	3113543	16171187.4	
3113600	GreenOnyx Ltd.	03/03/2015	3113600	15718577.8	
3113733	Brandt, Joergen-Ulrik Joergensen, Tina	26/02/2015	3113733	15758756.9	
3113804	Nobel Biocare Services AG	05/03/2015	3113804	15708495.5	
3116733	TOYOTA JIDOSHA KABUSHIKI KAISHA	04/03/2015	3116733	15711565.0	

3116757	Continental Teves AG & Co. OHG Laudenbach Formtechnik GmbH & Co. KG	11/03/2015	3116757	15709172.9	German
3117933	MELTEC Industrieofenbau GmbH	22/06/2011	3117933	16183170.6	German
3117973	Beiersdorf AG	11/07/2014	3117973	16001721.6	German
3117982	SCULPMAN BVBA	16/07/2015	3117982	15177165.6	
3118173	CDGM Glass Co. Ltd.	10/03/2015	3118173	15761493.4	
3118519	Rolls-Royce plc	09/06/2016	3118519	16173682.2	
3118624	The University of Strathclyde	14/11/2013	3118624	16187778.2	
3118954	LSIS Co., Ltd.	12/05/2016	3118954	16169354.4	
3119879	Université de Rennes INSERM (Institut National de la Santé et de la Recherche Médicale) Universite Paris-Sud	19/03/2015	3119879	15710530.5	
3120125	Saab AB	20/03/2014	3120125	14885889.7	
3120193	Ricoh Company, Ltd.	16/03/2015	3120193	15765371.8	
3120601	LG Electronics Inc.	11/03/2015	3120601	15764412.1	
3120672	Zumtobel Lighting GmbH	11/03/2015	3120672	15711447.1	German
3120823	Samsung Electronics Co., Ltd.	19/07/2016	3120823	16180051.1	
3121819	Namics Corporation	20/03/2015	3121819	15764597.9	
3122038	Samsung Electronics Co., Ltd.	21/03/2016	3122038	16161472.2	
3122557	Du Pont-Mitsui Fluorochemicals Co. Ltd.	20/03/2015	3122557	15714365.2	
3122562	Phoenix Contact GmbH & Co. KG	25/03/2015	3122562	15712604.6	German
3122884	Tocagen Inc.	25/03/2015	3122884	15769100.7	
3123140	Beissbarth GmbH	05/03/2015	3123140	15710451.4	German
3123695	IBOSS, Inc.	25/03/2015	3123695	15768345.9	
3123747	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	04/03/2015	3123747	15709657.9	
3123840	MKS Instruments, Inc.	19/03/2015	3123840	15715899.9	
3123856	Usines Claas France S.A.S	20/05/2016	3123856	16170508.2	German
3124046	GITR, Inc.	11/07/2008	3124046	16170401.0	
3124189	Weber Maschinenbau GmbH Breidenbach	28/07/2016	3124189	16181660.8	German
3124229	NIPPON STEEL NISSHIN CO., LTD.	26/03/2014	3124229	14887123.9	
3124269	Seiko Epson Corporation	19/03/2015	3124269	15769062.9	
3124738	Window Automation Industry Srl	27/07/2016	3124738	16181500.6	French

3125898	The Scripps Research Institute	30/03/2015	3125898	15772254.7	
3125914	Infinitus (China) Company Ltd	28/04/2016	3125914	16785076.7	
3126085	Trafimet Group S.p.A.	01/04/2015	3126085	15720457.9	
3126164	Bridgestone Bandag, LLC	13/02/2015	3126164	15773321.3	
3126201	Dayco IP Holdings, LLC	03/04/2015	3126201	15773286.8	
3126431	Wacker Chemical Corporation	30/03/2015	3126431	15716327.0	
3126793	Ashcroft, Inc.	02/04/2015	3126793	15772757.9	
3127199	Phoenix Contact GmbH & Co. KG	27/03/2015	3127199	15713185.5	German
3127259	Gt-sat International S.à R.l.	31/03/2015	3127259	15716460.9	
3127390	Qualcomm Incorporated	11/02/2015	3127390	15708370.0	
3127530	LG Household & Health Care Ltd.	07/04/2016	3127530	16727275.6	
3128751	InterDigital CE Patent Holdings	28/07/2016	3128751	16181678.0	
3128912	Sizer LLC	08/04/2015	3128912	15776783.1	
3128988	Biomet 3i, LLC	09/04/2015	3128988	15776219.6	
3129159	KUKA Systems GmbH	02/04/2015	3129159	15716755.2	German
3130152	Alcatel Lucent	08/04/2015	3130152	15719048.9	
3130752	Rolls-Royce plc	12/07/2016	3130752	16179004.3	
3130895	Sensirion AG	12/08/2015	3130895	15180720.3	
3131104	ABB Schweiz AG	14/08/2015	3131104	15181124.7	
3131111	Song Chuan Precision Co., Ltd.	12/08/2015	3131111	15180837.5	
3131230	Kazawa, Ichiro	26/02/2015	3131230	15786055.2	
3131783	PSA Automobiles SA	18/03/2015	3131783	15714876.8	French
3131857	Saint-Gobain Isover	14/04/2015	3131857	15720381.1	French
3132196	Signify Holding B.V.	10/03/2015	3132196	15709465.7	
3132235	BERKIN B.V.	17/04/2014	3132235	14721557.8	
3132269	eXcorLab GmbH	09/04/2015	3132269	15714830.5	
3132326	Texas Instruments Incorporated	08/10/2013	3132326	13895230.4	
3132746	Canon Kabushiki Kaisha	12/07/2016	3132746	16178945.8	
3133395	Sony Corporation	19/02/2015	3133395	15779518.8	
3134242	SICA S.P.A.	16/04/2015	3134242	15728153.6	
3134432	Bluebird Bio, Inc.	24/04/2015	3134432	15782739.5	
3134570	BSH Hausgeräte GmbH	26/03/2015	3134570	15712625.1	German
3135085	Kuhn SA (Societe Anonyme)	29/08/2016	3135085	16306089.0	French
3135753	Otsuka Pharmaceutical Co., Ltd.	23/03/2015	3135753	15770338.0	
3136101	TOHOKU UNIVERSITY	31/03/2015	3136101	15782732.0	
3136233	Intel Corporation	02/02/2005	3136233	16020341.0	
3136567	Johnson Electric International AG	11/07/2016	3136567	16178848.4	

3137084	U.S. Government Represented by the Department of Veteran Affairs The Board of Trustees of the Leland Stanford Junior University	01/05/2015	3137084	15786354.9	
3137291	LM WP Patent Holding A/S	28/04/2015	3137291	15718241.1	
3137452	Chiesi Farmaceutici S.p.A.	01/05/2015	3137452	15721029.5	
3137710	Kiekert AG	30/04/2015	3137710	15730383.5	German
3137877	Koninklijke Philips N.V.	02/04/2015	3137877	15720459.5	
3138166	Legrand France Legrand SNC	17/04/2015	3138166	15721771.2	French
3138394	Thundershirt, LLC	05/09/2016	3138394	16187179.3	
3138536	Cook Medical Technologies LLC	01/09/2016	3138536	16275125.9	
3139181	Tektronix, Inc.	19/08/2016	3139181	16185013.6	
3139777	HBI Branded Apparel Enterprises, LLC	07/05/2015	3139777	15725151.3	
3139918	Merck Sharp & Dohme Corp.	04/05/2015	3139918	15789928.7	
3140144	BorgWarner Sweden AB	06/05/2015	3140144	15720726.7	
3140436	PPG Industries Ohio, Inc.	30/04/2015	3140436	15722632.5	
3140546	Aavid Thermalloy, LLC	28/04/2015	3140546	15722831.3	
3140921	Telefonaktiebolaget LM Ericsson (publ)	08/05/2014	3140921	14721904.2	
3141005	Sony Corporation	01/05/2015	3141005	15718947.3	
3141014	Volkswagen Aktiengesellschaft	02/04/2015	3141014	15741910.2	German
3141324	SIR MECCANICA S.p.A.	09/08/2016	3141324	16183403.1	
3141401	Honda Motor Co., Ltd.	23/08/2016	3141401	16185350.2	
3141669	TOTO LTD.	06/09/2016	3141669	16187502.6	
3141840	Riello S.p.A.	08/09/2016	3141840	16187773.3	
3142434	Nanchang Coolpad Intelligent Technology Company Limited	31/12/2014	3142434	14891198.5	
3143280	WIWA WILHELM WAGNER GMBH & CO. KG	25/03/2015	3143280	15716442.7	German
3144769	HOLYGO Corporation	16/09/2016	3144769	16189108.0	
3145959	Evonik Operations GmbH	21/05/2015	3145959	15796335.6	
3146173	Castrol Limited	21/05/2015	3146173	15727909.2	
3147635	Krohne S.A.S.	09/09/2016	3147635	16188105.7	German
3148477	Mavrik Dental Systems Ltd.	01/06/2015	3148477	15802387.9	
3148540	OnKure, Inc.	27/05/2015	3148540	15800006.7	
3148785	Pirelli Tyre S.p.A.	30/04/2015	3148785	15728617.0	

3149705	SAFRAN AIRCRAFT ENGINES SAFRAN	22/05/2015	3149705	15731646.4	French
3149828	Microsoft Technology Licensing, LLC	27/05/2015	3149828	15728316.9	
3150175	Coloplast A/S	24/07/2014	3150175	16193280.1	
3150207	KanonCure, Inc. National University Corporation Tottori University	25/03/2015	3150207	15769676.6	
3150367	Cartes S.r.l.	26/09/2016	3150367	16190570.8	
3150389	SATO HOLDINGS KABUSHIKI KAISHA	18/05/2015	3150389	15799439.3	
3150531	Murata Machinery, Ltd.	27/09/2016	3150531	16190800.9	
3150851	Moog GmbH	01/10/2015	3150851	15187889.9	
3150929	LG ELECTRONICS INC.	14/06/2016	3150929	16174399.2	
3151109	VIA Technologies, Inc.	06/04/2012	3151109	16194414.5	
3151110	VIA Technologies, Inc.	06/04/2012	3151110	16194427.7	
3151295	Semiconductor Manufacturing International (Shanghai) Corporation Semiconductor Manufacturing International (Beijing) Corporation	26/09/2016	3151295	16190539.3	
3151500	Intel IP Corporation	25/08/2016	3151500	16185768.5	
3151969	ABB Schweiz AG	01/06/2015	3151969	15727935.7	
3153129	J. Morita Manufacturing Corporation	27/05/2015	3153129	15800555.3	
3154223	HUAWEI TECHNOLOGIES CO., LTD.	24/04/2015	3154223	15819218.7	
3154681	IFP Energies nouvelles	09/06/2015	3154681	15729405.9	French
3154682	IFP Energies nouvelles	09/06/2015	3154682	15736795.4	French
3154684	IFP Energies nouvelles	09/06/2015	3154684	15726214.8	French
3154685	IFP Energies nouvelles	09/06/2015	3154685	15726639.6	French
3155379	Longvale Ltd	23/06/2016	3155379	16732708.9	
3155706	Riehl, Patrick, Stanley MediaTek Singapore Pte. Ltd. Muratov, Vladimir, A.	10/06/2015	3155706	15795235.9	
3155974	Taupnumedical Co. Ltd.	28/04/2015	3155974	15809134.8	
3156063	Ewha University-Industry Collaboration Foundation	16/06/2015	3156063	15810505.6	
3156109	Ironburg Inventions Limited	15/09/2016	3156109	16189026.4	
3156157	Osaka University	16/06/2015	3156157	15808870.8	

3156168	INSTITUTE OF RESEARCH OF IRON AND STEEL, JIANGSU PROVINCE/SHA-STEEL, CO.LTD	30/07/2014	3156168	14894509.0	
3156828	Carl Zeiss Meditec AG	26/08/2008	3156828	16196027.3	German
3157189	LG Electronics Inc.	16/06/2015	3157189	15810049.5	
3157321	Kuhn-Geldrop B.V.	19/06/2015	3157321	15730775.2	
3157954	Laboratoire Français du Fractionnement et des Biotechnologies	18/06/2015	3157954	15738731.7	French
3158008	Arkema France	15/06/2015	3158008	15733833.6	French
3158081	Université Grenoble Alpes European Molecular Biology Laboratory	18/06/2015	3158081	15729200.4	
3158712	Google LLC	15/06/2015	3158712	15739046.9	
3158857	CNH Industrial Belgium nv	20/10/2016	3158857	16194830.2	
3159152	MariElla Labels Oy	11/01/2011	3159152	16200652.2	
3159463	Salto Systems, S.L.	13/10/2016	3159463	16193677.8	
3159639	Danieli Corus BV	20/10/2015	3159639	15190600.5	
3159697	Becton, Dickinson and Company	13/04/2012	3159697	16199078.3	
3159756	LSIS Co., Ltd.	07/10/2016	3159756	16192825.4	
3159951	Samsung SDI Co., Ltd.	19/10/2016	3159951	16194552.2	
3160083	Huawei Technologies Co. Ltd.	06/07/2015	3160083	15823978.0	
3160222	Kuhn-Geldrop B.V.	22/06/2015	3160222	15730173.0	
3160795	Expliseat	25/06/2015	3160795	15731349.5	French
3161302	Thales	26/06/2015	3161302	15731946.8	French
3161689	Google LLC	29/06/2015	3161689	15815381.7	
3162001	British Telecommunications public limited company	18/06/2015	3162001	15732890.7	
3162265	Panasonic Intellectual Property Management Co., Ltd.	29/06/2015	3162265	15814216.6	
3162394	Samsung Life Public Welfare Foundation	26/06/2015	3162394	15811154.2	
3163007	Becker-Antriebe GmbH	26/10/2016	3163007	16195710.5	German
3163254	Xiaomi Inc.	27/09/2016	3163254	16190955.1	
3163337	LG Display Co., Ltd.	28/10/2016	3163337	16196180.0	
3163692	NGK Spark Plug Co., Ltd.	02/06/2015	3163692	15811860.4	
3163900	Huawei Technologies Co., Ltd.	25/06/2014	3163900	14899027.8	
3164054	AMO WaveFront Sciences, LLC	01/07/2015	3164054	15741700.7	

3164146	The Rockefeller University	26/06/2015	3164146	15812120.2	
3164176	SANOFI	01/07/2015	3164176	15735902.7	
3164500	DSM IP Assets B.V.	26/06/2015	3164500	15732638.0	
3164694	parsum Gesellschaft für Partikel-, Strömungs- und Umweltmesstechnik mbH	29/06/2015	3164694	15739021.2	German
3165518	Kyocera Document Solutions Inc.	07/11/2016	3165518	16197532.1	
3165699	Sugatsune Kogyo Co. Ltd.	11/06/2015	3165699	15815385.8	
3166031	Dassault Systemes Americas Corp.	07/11/2016	3166031	16197621.2	
3167132	U-Shin France SAS	30/06/2015	3167132	15733437.6	
3167255	Diehl Metering GmbH	29/06/2015	3167255	15744117.1	German
3167265	TDK Electronics AG	06/07/2015	3167265	15735673.4	German
3167429	SZ DJI Technology Co., Ltd.	15/05/2015	3167429	15874390.6	
3167585	Telefonaktiebolaget LM Ericsson (publ)	07/07/2014	3167585	14742602.7	
3167687	Mavenir Systems, Inc.	23/06/2015	3167687	15819730.1	
3168003	Blasco Monter, Emilio	07/07/2014	3168003	14897379.5	
3168193	Zeon Corporation	06/07/2015	3168193	15819545.3	
3168340	Murata Machinery, Ltd.	08/07/2015	3168340	15819554.5	
3169121	Accenture Global Solutions Limited	16/11/2016	3169121	16199082.5	
3169427	Pardikes, Dennis	16/07/2015	3169427	15822076.4	
3169937	Vitelli, Davide	16/07/2015	3169937	15762714.2	
3170090	Qualcomm Incorporated	17/07/2015	3170090	15750168.5	
3170545	SKAN AG	23/11/2015	3170545	15405074.4	German
3171053	Deere & Company	20/10/2016	3171053	16194725.4	German
3171134	AgJunction LLC	18/11/2016	3171134	16199593.1	
3171206	Corning Optical Communications LLC	14/11/2016	3171206	16198677.3	
3171335	PKE Holding AG	21/11/2016	3171335	16199841.4	German
3171417	COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES	10/11/2016	3171417	16198261.6	French
3171618	Intel IP Corporation	17/10/2016	3171618	16194173.7	
3171663	ZTE Corporation	29/09/2014	3171663	14897666.5	
3171873	BIO.LO.GA. S.r.l.	17/04/2015	3171873	15720286.2	
3172330	Alderys	23/07/2015	3172330	15749743.9	
3172499	Syrha S.A.	22/07/2015	3172499	15741180.2	French
3172636	The Swatch Group Research and Development Ltd	16/07/2015	3172636	15738638.4	French

3173063	Pola Chemical Industries Inc.	12/11/2009	3173063	17151667.7
3173151	SOUDAL	18/10/2011	3173151	16205624.6
3173222	The Goodyear Tire & Rubber Company	16/11/2016	3173222	16199194.8
3173439	JTEKT CORPORATION	23/11/2016	3173439	16200159.8
3173798	Microtest S.r.l.	25/11/2016	3173798	16200629.0
3173859	Coretronic Corporation	15/11/2016	3173859	16198881.1
3174203	STMicroelectronics S.r.l.	28/06/2016	3174203	16176683.7
3174216	LG Electronics Inc.	24/07/2014	3174216	14898324.0
3174397	Syngenta Participations AG	13/07/2015	3174397	15734708.9
3175996	Dai Nippon Printing Co., Ltd.	30/07/2015	3175996	15827987.7
3176366	Doosan Heavy Industries & Construction Co., Ltd.	30/11/2016	3176366	16201437.7
3176646	Konica Minolta, Inc.	07/11/2016	3176646	16197505.7
3176803	Seari Electric Technology Co., Ltd. Zhejiang Chint Electrics Co., Ltd.	23/07/2015	3176803	15827157.7
3177259	Boehringer Ingelheim Vetmedica GmbH	14/06/2016	3177259	16730694.3
3178836	Imperial Innovations Limited	22/10/2010	3178836	16185463.3
3178899	Daikin Industries, Ltd.	22/07/2015	3178899	15830700.9
3178924	Takeda Pharmaceutical Company Limited	03/08/2015	3178924	15830633.2
3179544	LG Chem, Ltd.	28/01/2016	3179544	16746787.7
3179693	Xiaomi Inc.	03/10/2016	3179693	16192070.7
3180019	National Health Research Institutes	14/08/2015	3180019	15831363.5
3180426	The Broad Institute, Inc. Massachusetts Institute of Technology President and Fellows of Harvard College	17/08/2015	3180426	15756300.8
3182467	ML SYSTEM Spółka Akcyjna	15/12/2015	3182467	15460115.7
3182638	ID Quantique S.A.	18/12/2015	3182638	15020253.9
3182937	Easynotes Ltd.	24/08/2015	3182937	15774969.8
3183043	Triotech Amusement Inc.	20/10/2015	3183043	15860393.6
3183222	Corning Incorporated	13/08/2015	3183222	15756733.0
3184456	eAGILE, INC.	14/04/2011	3184456	17152350.9
3185250	OMRON CORPORATION	25/11/2016	3185250	16200683.7
3185690	Eurotab Innovation N.V. Nutricia	31/08/2015	3185690	15781447.6

3185724	Dewertokin GmbH	27/08/2015	3185724	15762948.6	German
3186283	F.HOFFMANN-LA ROCHE AG	25/08/2015	3186283	15753700.2	
3186441	Ahlstrom-Munksjö OYJ	29/07/2015	3186441	15750659.3	French
3186683	Siemens Aktiengesellschaft	25/08/2015	3186683	15760562.7	
3186968	Samsung Electronics Co., Ltd.	18/01/2016	3186968	16746764.6	
3187553	Dainichiseika Color & Chemicals Mfg. Co., Ltd.	11/08/2015	3187553	15834855.7	
3187931	Hanwha Techwin Co., Ltd.	28/12/2016	3187931	16207048.6	
3188518	ZTE Corporation	21/10/2014	3188518	14881815.6	
3188684	Maino Dott. Bortolo Giuliano Orthomodul Di Paoletto Emanuele	21/08/2015	3188684	15771261.3	
3188806	Universität zu Köln	02/09/2015	3188806	15766072.1	German
3188912	Seiko Epson Corporation	27/08/2015	3188912	15763093.0	
3188994	3M Innovative Properties Company	04/09/2015	3188994	15766694.2	
3189073	Collectis	03/09/2015	3189073	15757289.2	
3189163	TechLab, Inc.	04/09/2015	3189163	15838130.1	
3189582	Volkswagen Aktiengesellschaft	07/10/2015	3189582	15781891.5	German
3189611	Telecom Italia S.p.A. Politecnico Di Torino	02/09/2014	3189611	14758400.7	
3189693	Intel Corporation	03/08/2015	3189693	15838628.4	
3190214	Trident Limited	25/11/2016	3190214	16200823.9	
3190302	Spicer Gelenkwellenbau GmbH	08/01/2016	3190302	16150692.8	German
3190346	Etudes et Constructions Electromecaniques	25/08/2016	3190346	16185604.2	French
3190389	Goodrich Corporation	09/01/2017	3190389	17150661.1	
3191539	Arkema France	10/09/2015	3191539	15770568.2	French
3191595	E. I. du Pont de Nemours and Company Pioneer Hi-Bred International, Inc.	31/08/2015	3191595	15763713.3	
3191987	Mermaid Care A/S	11/09/2015	3191987	15766392.3	
3192268	Telefonaktiebolaget LM Ericsson (publ)	01/09/2015	3192268	15772021.0	
3193150	Sartorius Stedim Biotech GmbH	17/11/2016	3193150	16002444.4	German
3193259	Rambus Inc.	14/06/2010	3193259	17153209.6	
3193891	National Health Research Institutes	26/08/2015	3193891	15843050.4	
3194065	Bayer Aktiengesellschaft	18/08/2015	3194065	15760100.6	German
3194207	Cargotec Patenter AB	19/09/2014	3194207	14901853.3	
3194372	Tetrahedron	18/09/2015	3194372	15785158.5	French
3194665	CNH Industrial Italia S.p.A.	30/07/2015	3194665	15762797.7	

3194897	Continental Teves AG & Co. OHG	26/08/2015	3194897	15757214.0	German
3195440	Siemens Aktiengesellschaft	06/11/2014	3195440	14802333.6	German
3195694	ELECTROLUX APPLIANCES AKTIEBOLAG	04/08/2015	3195694	15744257.5	
3196888	eMemory Technology Inc.	04/10/2016	3196888	16192231.5	
3198215	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	24/09/2015	3198215	15767166.0	French
3198526	Sys-Tech Solutions, Inc.	22/09/2015	3198526	15844793.8	
3198567	Huf Hülsbeck & Fürst GmbH & Co. KG	07/09/2015	3198567	15759806.1	German
3198581	SZ DJI Technology Co., Ltd.	31/03/2015	3198581	15874406.0	
3198751	Koninklijke Philips N.V.	23/09/2015	3198751	15775657.8	
3199433	SAF-HOLLAND GmbH	20/01/2017	3199433	17152452.3	German
3199520	Tokyo Ohka Kogyo Co., Ltd.	25/09/2015	3199520	15843379.7	
3199552	SANOFI	20/11/2013	3199552	17157890.9	
3199617	Fenwal, Inc.	01/02/2017	3199617	17154186.5	
3199966	Multidimension Technology Co., Ltd.	25/09/2015	3199966	15844302.8	
3199977	Biosense Webster, Inc.	25/04/2006	3199977	17160933.2	
3200220	Tokyo Electron Limited	05/10/2007	3200220	17160784.9	
3200392	Cisco Technology, Inc.	11/10/2005	3200392	17160929.0	
3200950	ThyssenKrupp Steel Europe AG	21/08/2015	3200950	15760110.5	German
3201069	Bertezolo, Matteo	22/09/2015	3201069	15790664.5	
3201353	Rheinische Friedrich-Wilhelms- Universität Bonn	30/09/2015	3201353	15777645.1	
3201632	Micromass UK Limited	01/10/2015	3201632	15784434.1	
3201693	Avantix	05/10/2015	3201693	15788146.7	French
3201983	Silatronix, Inc.	02/10/2015	3201983	15845556.8	
3202398	Aigner, Ludwig Couillard-Despres, Sébastien	15/06/2012	3202398	17159592.9	
3202454	Becton, Dickinson and Company	17/07/2014	3202454	17158715.7	
3202578	Seiko Epson Corporation	01/02/2017	3202578	17154273.1	
3202766	DAIICHI SANKYO COMPANY, LIMITED National Cancer Center	01/10/2015	3202766	15845549.3	
3203096	Mitsubishi Heavy Industries, Ltd.	12/02/2015	3203096	15808068.9	
3203308	Canon Kabushiki Kaisha	11/01/2017	3203308	17151072.0	
3205018	Cavendish Kinetics, Inc.	23/09/2015	3205018	15774834.4	

3205309	Edwards Lifesciences Corporation	16/07/2012	3205309	17159567.1	
3205832	United Technologies Corporation	09/02/2017	3205832	17155445.4	
3205840	General Electric Company	08/02/2017	3205840	17155175.7	
3206378	Microsoft Technology Licensing, LLC	07/09/2012	3206378	17165513.7	
3206659	DSM IP Assets B.V.	15/10/2015	3206659	15780898.1	
3206712	Cellmid Limited	14/10/2015	3206712	15849875.8	
3206881	Sun Chemical Corporation	16/10/2015	3206881	15849878.2	
3206906	Saint-Gobain Performance Plastics Pampus GmbH	14/10/2015	3206906	15781629.9	
3207116	Acetaia Giuseppe Cremonini S.r.l.	05/10/2015	3207116	15828857.1	
3207938	MedImmune Limited	11/03/2013	3207938	17163638.4	
3207941	Scott & White Memorial Hospital	07/09/2007	3207941	17151480.5	
3208836	Semiconductor Manufacturing International (Shanghai) Corporation Semiconductor Manufacturing International (Beijing) Corporation	13/02/2017	3208836	17155783.8	
3209369	Indiana University Research & Technology Corporation	20/10/2015	3209369	15851670.8	
3209686	GlyP Holdings Pty Limited	23/10/2014	3209686	14904438.0	
3209907	Magna PT B.V. & Co. KG	22/10/2015	3209907	15784361.6	German
3210388	Samsung Electronics Co., Ltd.	13/10/2015	3210388	15853315.8	
3210656	Angel Playing Cards Co., Ltd.	27/11/2008	3210656	17162156.8	
3211059	Merck Patent GmbH	29/08/2011	3211059	17165814.9	German
3211140	Huesker Synthetic GmbH	20/02/2017	3211140	17157023.7	German
3211260	HOERBIGER Antriebstechnik Holding GmbH	23/01/2017	3211260	17152665.0	German
3211264	Showa Corporation	23/01/2017	3211264	17152557.9	
3211912	FUJI XEROX CO., LTD	01/09/2016	3211912	16186771.8	
3211930	ZTE Corporation	18/06/2015	3211930	15853276.2	
3212062	Bloom Technologies NV	29/10/2015	3212062	15816220.6	
3212453	AUDI AG	27/10/2015	3212453	15793702.0	German
3212487	Robert Bosch GmbH	29/09/2015	3212487	15780787.6	German
3212780	Danisco US Inc.	27/10/2015	3212780	15790777.5	
3213133	Elenion Technologies, LLC	27/10/2015	3213133	15854028.6	
3213501	Hewlett-Packard Development Company, L.P.	30/10/2014	3213501	14802601.6	
3213727	The Procter & Gamble Company	28/02/2017	3213727	17158380.0	

3213738	Sienna Biopharmaceuticals, Inc.	26/08/2011	3213738	17167244.7	
3214440	Fuji Electric Co., Ltd.	05/02/2016	3214440	16764572.0	
3214555	Sony Corporation	09/09/2015	3214555	15854364.5	
3214679	NISSAN MOTOR CO., LTD.	08/10/2015	3214679	15855794.2	
3215115	Arkema France	06/11/2015	3215115	15800736.9	
3215203	SHL Medical AG	28/10/2015	3215203	15790068.9	
3215435	Å&R Carton Lund AB	02/11/2015	3215435	15857693.4	
3215445	Leicht Stanzautomation GmbH	06/11/2015	3215445	15797271.2	German
3215587	Gauzy Ltd.	05/11/2015	3215587	15857433.5	
3215602	The Research Institute at Nationwide Children's Hospital	05/11/2015	3215602	15857365.9	
3216425	WALDEMAR LINK GmbH & Co. KG	09/03/2016	3216425	16159418.9	German
3216553	Senju Metal Industry Co., Ltd	05/11/2014	3216553	14905617.8	
3216652	Dai Nippon Printing Co., Ltd.	06/11/2015	3216652	15856415.3	
3217115	Mitsubishi Electric Corporation	04/11/2014	3217115	14905651.7	
3217373	Huawei Technologies Co., Ltd.	28/10/2015	3217373	15867453.1	
3218173	CooperVision International Holding Company, LP	11/11/2015	3218173	15795216.9	
3218376	Genentech, Inc. Constellation Pharmaceuticals, Inc.	10/11/2015	3218376	15801563.6	
3218382	Quretech Bio AB	13/11/2015	3218382	15794196.4	
3218521	Hitachi Chemical Co., Ltd. Hitachi Chemical Co. America, Ltd. The Regents of the University of California	12/11/2015	3218521	15858744.4	
3218644	Audi AG	29/10/2015	3218644	15787473.6	German
3218901	Microsoft Technology Licensing, LLC	06/11/2015	3218901	15794785.4	
3219026	Alcatel Lucent	06/11/2015	3219026	15816511.8	
3219059	Hughes Network Systems, LLC	09/11/2015	3219059	15801555.2	
3220519	Mitsuba Corporation	09/11/2015	3220519	15858177.7	
3220600	Palo Alto Research Center Incorporated	08/03/2017	3220600	17159879.0	
3220707	Alcatel Lucent	14/03/2016	3220707	16290047.6	
3220751	Société des Produits Nestlé S.A.	09/11/2015	3220751	15790998.7	
3220764	Mips AB	09/02/2016	3220764	16703554.2	
3220960	National University of Science and Technology MISiS	04/02/2015	3220960	15860758.0	
3221777	Tactual Labs Co.	18/11/2015	3221777	15861763.9	

3222358	Harvey Industries Co., Ltd.	23/08/2016	3222358	16840755.9	
3222359	Exel Industries	20/03/2017	3222359	17161775.6	French
3222553	Bedford Industries, Inc.	11/03/2014	3222553	17164868.6	
3222645	Dongsung Corporation Hyundai Motor Company	11/11/2016	3222645	16198428.1	
3222738	Denso Corporation UACJ Corporation	18/11/2015	3222738	15860205.2	
3223118	Wacom Co., Ltd.	17/11/2014	3223118	14906168.1	
3223255	Sanechips Technology Co., Ltd.	10/04/2015	3223255	15860999.0	
3223650	Sunstar Suisse SA	18/11/2015	3223650	15800717.9	German
3223728	Endo-Tagss, LLC	26/11/2014	3223728	14907024.5	
3224118	Robert Bosch GmbH	22/10/2015	3224118	15784661.9	German
3224693	Microsoft Technology Licensing, LLC	20/11/2015	3224693	15805680.4	
3224836	Dow Global Technologies LLC	28/11/2014	3224836	14906839.7	
3225091	Sørensen, Harry Højvang	29/03/2017	3225091	17163696.2	
3225608	Mitsubishi Materials Corporation	27/11/2015	3225608	15864025.0	
3225993	Symex Corporation	27/05/2016	3225993	16803260.5	
3226550	Samsung Electronics Co., Ltd.	31/03/2017	3226550	17164390.1	
3226621	Intel IP Corporation	28/02/2017	3226621	17158538.3	
3227173	Robert Bosch GmbH	29/09/2015	3227173	15775150.4	German
3228024	Airbus Defence and Space Limited	19/01/2016	3228024	16701018.0	
3228237	Vivior AG	08/04/2016	3228237	16164472.9	
3228273	Clinica de Ortodoncia y Cirugia Maxilofacial, S.L.	06/04/2016	3228273	16382149.9	
3228383	Unicharm Corporation	30/11/2015	3228383	15866226.2	
3228468	Seiko Epson Corporation	23/03/2017	3228468	17162678.1	
3228804	Nien Made Enterprise Co., Ltd.	03/04/2017	3228804	17164650.8	
3229438	Atos Convergence Creators GmbH	23/03/2017	3229438	17162477.8	German
3229629	NIKE Innovate C.V.	15/10/2015	3229629	15787374.6	
3230248	Dow Technology Investments LLC	18/11/2015	3230248	15801645.1	
3230253	BDI Holding GmbH	30/11/2015	3230253	15802089.1	German
3230437	Merck Patent GmbH	13/11/2015	3230437	15797849.5	
3230671	Stela Laxhuber GmbH	08/12/2014	3230671	14833119.2	German
3230846	Intel Corporation	12/11/2015	3230846	15867697.3	
3231442	ADC Therapeutics SA	22/06/2007	3231442	16203468.0	
3231453	Immundiagnostik AG	14/04/2017	3231453	17166712.4	German

3231664	Tachi-S Co., Ltd. Honda Motor Co., Ltd.	16/11/2015	3231664	15868525.5	
3232019	United Technologies Corporation	12/04/2017	3232019	17166212.5	
3232151	Beijing Qingying Machine Visual Technology Co., Ltd.	14/04/2016	3232151	16725345.9	
3232640	Bundesdruckerei GmbH	12/04/2017	3232640	17166333.9	German
3233732	Hemlock Semiconductor Corporation Dow Silicones Corporation	25/11/2015	3233732	15870627.5	
3235258	T-Mobile USA, Inc.	25/01/2016	3235258	16743909.0	
3235923	Baoshan Iron & Steel Co., Ltd.	08/12/2015	3235923	15869228.5	
3236263	Servizo Galego De Saúde (Sergas) Universidad de Vigo Fundación Profesor Novoa Santos	01/10/2015	3236263	15847971.7	
3236544	Lisa Dräxlmaier GmbH	13/03/2017	3236544	17160561.1	German
3238127	McAfee, LLC	25/11/2015	3238127	15874033.2	
3238215	Intel Corporation	24/11/2015	3238215	15874002.7	
3238340	Qualcomm Incorporated	30/11/2015	3238340	15825660.2	
3239044	Guangzhou Xaircraft Technology Co., Ltd.	12/10/2015	3239044	17167048.2	
3239337	POSCO	29/04/2015	3239337	15873408.7	
3239711	JIMRO Co., Ltd.	25/04/2017	3239711	17167959.0	
3239949	Honeywell International Inc.	27/03/2017	3239949	17162977.7	
3240173	General Electric Company	20/04/2017	3240173	17167336.1	
3240933	Lehnhoff Hartstahl GmbH & Co. KG	24/11/2015	3240933	15807611.7	German
3241515	Cook Medical Technologies LLC	12/04/2017	3241515	17166390.9	
3241705	GRAMMER AG	18/04/2017	3241705	17166810.6	German
3241799	Vayssade, Fabrice	28/04/2017	3241799	17168870.8	French
3242004	The Boeing Company	02/03/2017	3242004	17158961.7	
3243008	Festool GmbH	23/12/2015	3243008	15816807.0	German
3243151	Société des Produits Nestlé S.A.	07/01/2016	3243151	16701884.5	
3243186	Koninklijke Philips N.V.	28/12/2015	3243186	15820167.3	
3243294	Institut Mines-Télécom	08/01/2016	3243294	16700135.3	
3243502	Amorepacific Corporation	29/12/2015	3243502	15875677.5	
3243688	Robert Bosch GmbH	21/02/2017	3243688	17157075.7	German
3243825	Seed Research Institute Co., Ltd.	26/01/2017	3243825	17153363.1	
3243910	The Chinese University Of Hong Kong	30/11/2011	3243910	17168020.0	
3244495	Mitsubishi Heavy Industries, Ltd.	20/11/2015	3244495	15886492.6	

3244498	Mitsubishi Electric Corporation	08/01/2016	3244498	16735100.6	
3244703	STEINEL GmbH	13/04/2017	3244703	17166635.7	German
3245520	Cambridge Enterprise Limited	15/01/2016	3245520	16703600.3	
3245818	Telefonaktiebolaget LM Ericsson (publ)	16/01/2015	3245818	15704602.0	
3245882	Innovation Foods 360, S.L.	30/12/2016	3245882	16207557.6	
3246178	Bridgestone Corporation	05/01/2016	3246178	16737239.0	
3246344	LG Chem, Ltd.	07/10/2016	3246344	16853947.6	
3246639	Mitsubishi Electric Corporation	16/01/2015	3246639	15877853.0	
3246906	Samsung Display Co., Ltd.	16/05/2017	3246906	17171220.1	
3247299	Maquet GmbH	21/01/2016	3247299	16701587.4	German
3247432	LA RG S.N.C. Di Rao Genovese Francesco	25/01/2016	3247432	16709815.1	
3247758	Bostik, Inc.	22/01/2016	3247758	16703681.3	
3247908	Speck Pumpen Vakuumtechnik GmbH	20/01/2016	3247908	16702494.2	German
3247920	FCA Fiat Chrysler Automóveis Brasil Ltda.	17/09/2015	3247920	15777859.8	
3247932	Deutsches Institut für Lebensmitteltechnik e.V.	21/01/2016	3247932	16701447.1	German
3248457	GEA Farm Technologies, Inc.	03/09/2010	3248457	17171229.2	
3248798	Seiko Epson Corporation	23/05/2017	3248798	17172446.1	
3248961	Showa Denko K.K.	15/01/2016	3248961	16740072.0	
3249061	Sumitomo Metal Mining Co., Ltd.	08/02/2016	3249061	16749204.0	
3249400	Moritz, Thomas	27/05/2016	3249400	16171789.7	German
3249401	Konica Minolta, Inc.	15/01/2016	3249401	16740073.8	
3249658	Yazaki Systems Technologies GmbH	24/05/2017	3249658	17172758.9	German
3250081	Svenska Industrier i Västerås AB	13/01/2016	3250081	16737612.8	
3250212	Apharm S.r.l.	03/11/2015	3250212	15808787.4	
3250709	Envirologix Inc.	22/04/2015	3250709	15880587.9	
3251138	ABB Schweiz AG	28/01/2015	3251138	15879358.8	
3251549	The Procter & Gamble Company	03/06/2016	3251549	16172799.5	
3252111	Tokai Carbon Co., Ltd.	20/01/2016	3252111	16743192.3	
3252353	Eagle Industry Co., Ltd.	26/01/2016	3252353	16743343.2	
3252562	Kyocera Corporation	28/01/2016	3252562	16743006.5	
3252680	AGFA NV	31/05/2016	3252680	16172257.4	
3252757	Dolby International AB	23/05/2014	3252757	17164543.5	
3252984	LG Electronics Inc.	29/01/2016	3252984	16743743.3	
3253286	Aerendir Mobile Inc.	04/02/2016	3253286	16747305.7	

3253486	Archer Daniels Midland Company	02/02/2016	3253486	16747090.5	
3253707	Konecranes Global Corporation	05/02/2016	3253707	16703154.1	German
3253848	Technische Universität Dresden	04/02/2016	3253848	16703950.2	German
3253849	Stankovicc-Gansen, Mari Jan Eckhoff, Peter	04/11/2015	3253849	15793745.9	German
3254121	Harman International Industries, Incorporated	11/10/2016	3254121	16871220.6	
3254354	Drayson Technologies (Europe) Limited	02/02/2016	3254354	16702429.8	
3254368	ABB Schweiz AG	04/02/2015	3254368	15704496.7	
3254600	Samsung Electronics Co., Ltd.	08/06/2017	3254600	17174950.0	
3254725	Na, Jongju	02/02/2016	3254725	16746828.9	
3254727	Shanghai MicroPort Medical (Group) Co., Ltd.	08/01/2016	3254727	16746060.9	
3254950	Airbus Operations Limited	03/05/2017	3254950	17169235.3	
3255226	Bestway Inflatables & Material Corp.	04/01/2017	3255226	17150268.5	
3255264	Rolls-Royce plc	18/05/2017	3255264	17171639.2	
3255524	LG ELECTRONICS INC.	06/01/2017	3255524	17150499.6	
3255981	Forever Oceans Corporation	18/02/2016	3255981	16753046.8	
3256324	Hewlett-Packard Development Company, L.P.	13/02/2015	3256324	15882238.7	
3256516	EMS-Patent AG	13/02/2015	3256516	15705011.3	
3257186	Qualcomm Incorporated	11/02/2016	3257186	16708263.5	
3257199	Telefonaktiebolaget LM Ericsson (publ)	29/10/2015	3257199	15797437.9	
3258038	GEZE GmbH	09/05/2017	3258038	17170195.6	German
3258116	HAWE Hydraulik SE	15/06/2016	3258116	16174633.4	German
3258241	Sensirion AG	14/09/2017	3258241	17191019.3	
3258470	Hitachi, Ltd.	04/05/2017	3258470	17169381.5	
3258766	Maschio Gaspardo S.p.A.	17/02/2016	3258766	16715870.8	
3258795	Pepsico, Inc.	18/02/2016	3258795	16753041.9	
3259116	Hewlett-Packard Development Company, L.P.	12/05/2016	3259116	16723094.5	
3259335	ExxonMobil Research and Engineering Company	03/02/2016	3259335	16705402.2	
3259885	Huawei Technologies Co., Ltd.	10/03/2016	3259885	16761112.8	
3260072	Covidien LP	04/08/2010	3260072	17181671.3	
3260319	Hyundai Motor Company	09/11/2016	3260319	16197979.4	

3260489	Borealis AG	24/06/2016	3260489	16176089.7	
3260518	Merck Patent GmbH	08/03/2012	3260518	17183085.4	German
3260788	LG Electronics Inc.	13/06/2017	3260788	17175722.2	
3260798	Brother Kogyo Kabushiki Kaisha	15/10/2015	3260798	15884004.1	
3261024	Siemens Healthcare GmbH	01/06/2017	3261024	17174063.2	
3261716	Biesbrouck, Louis Nusse, Robert	24/02/2016	3261716	16714580.4	
3261858	Pirelli Tyre S.p.A.	22/02/2016	3261858	16716680.0	
3261940	Graphic Packaging International, LLC	24/02/2016	3261940	16756237.0	
3262060	MacKay Memorial Hospital	25/02/2015	3262060	15882936.6	
3262091	Covestro Deutschland AG	25/02/2016	3262091	16706609.1	German
3262742	LA-Z-BOY Incorporated	26/02/2015	3262742	15883563.7	
3263139	Johnson & Johnson Vision Care Inc.	28/06/2013	3263139	17183840.2	
3263617	Evonik Operations GmbH	27/06/2016	3263617	16176311.5	German
3263870	Pierburg GmbH	15/05/2017	3263870	17171018.9	German
3265789	GE Sensing & Inspection Technologies GmbH	06/03/2015	3265789	15709147.1	
3266313	Nisshin Foods Inc.	13/01/2016	3266313	16758668.4	
3266505	SBYKE USA LLC	15/06/2010	3266505	17184263.6	
3266545	Osaka University	04/03/2016	3266545	16759043.9	
3266757	Evonik Operations GmbH	08/07/2016	3266757	16178531.6	German
3266881	Genalyte, Inc. The Board of Trustees of the University of Illinois	04/11/2011	3266881	17185137.1	
3266981	United Technologies Corporation	22/06/2017	3266981	17177510.9	
3267114	E.G.O. ELEKTRO-GERÄTEBAU GmbH	05/07/2017	3267114	17179788.9	German
3267230	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	03/07/2017	3267230	17179337.5	German
3267459	Topre Corporation	25/02/2016	3267459	16758984.5	
3267464	National University Corporation Nagoya University	08/02/2016	3267464	16786168.1	
3267584	Renesas Electronics Corporation	24/02/2012	3267584	17183771.9	
3267633	NEC Corporation	02/03/2016	3267633	16758635.3	
3267639	Alcatel Lucent	06/07/2016	3267639	16290131.8	
3267737	Seiko Epson Corporation	19/06/2017	3267737	17176711.4	
3267757	LG ELECTRONICS INC.	27/07/2015	3267757	15884075.1	

3268257	Blum, Franz Kässbohrer Transport Technik GmbH	10/03/2016	3268257	16711511.2	German
3268944	Gentex Corporation	09/03/2016	3268944	16762379.2	
3269055	Huawei Technologies Co. Ltd.	07/04/2016	3269055	16718105.6	
3269143	Telefonaktiebolaget LM Ericsson (publ)	11/03/2016	3269143	16710826.5	
3269172	Samsung Electronics Co., Ltd.	14/03/2016	3269172	16762032.7	
3269869	Miele & Cie. KG	01/06/2017	3269869	17173996.4	German
3269885	Xiamen Axent Corporation Limited	08/03/2016	3269885	16761096.3	
3269918	Hunter Douglas Inc.	10/09/2015	3269918	17186519.9	
3270828	Limacorporate S.p.A.	21/03/2016	3270828	16719510.6	
3271063	Universiteit Gent	17/03/2016	3271063	16713769.4	
3272104	Enlighted Inc.	10/03/2016	3272104	16765470.6	
3272406	Putsch GmbH & Co. KG	24/04/2017	3272406	17167740.4	German
3272683	Glory Ltd.	26/02/2016	3272683	16764668.6	
3272709	DIC Corporation	17/03/2016	3272709	16765065.4	
3272746	Chia Tai Tianqing Pharmaceutical Group Co., Ltd. Centaurus BioPharma Co., Ltd. Lianyungang Runzhong Pharmaceutical Co., Ltd.	18/03/2016	3272746	16767717.8	
3272904	The Boeing Company	18/07/2017	3272904	17181837.0	
3273511	Envision AESC Energy Devices Ltd.	16/03/2016	3273511	16765014.2	
3273529	Shenzhen Terahertz System Equipment Co., Ltd.	11/08/2016	3273529	16894813.1	
3274127	EMCO Magdeburg GmbH	23/03/2016	3274127	16712312.4	German
3274269	Temptra Technology Inc.	22/03/2016	3274269	16773749.3	
3274662	Université Nice Sophia Antipolis Thales Centre National de la Recherche Scientifique	17/03/2016	3274662	16714782.6	French
3275208	Dolby Laboratories Licensing Corporation	21/03/2016	3275208	16712685.3	
3275585	Institute of Metal Research Chinese Academy of Sciences	01/07/2015	3275585	15885962.9	
3275627	Toyobo Co., Ltd.	23/03/2016	3275627	16768788.8	
3275965	The Chemours Company FC, LLC	03/03/2006	3275965	17188278.0	
3276123	OneSubsea IP UK Limited	21/07/2017	3276123	17182538.3	

3276991	LG Electronics Inc.	28/03/2016	3276991	16769145.0	
3277346	SHL Medical AG	09/03/2016	3277346	16709372.3	
3277369	CEFALY Technology Sprl	30/03/2015	3277369	15712654.1	
3278002	Karai, Csaba	25/03/2016	3278002	16722927.7	
3278052	Hunting Titan, Inc.	01/04/2016	3278052	16774375.6	
3278154	BAE Systems PLC	29/03/2016	3278154	16715044.0	
3278331	Google LLC	27/07/2016	3278331	16760220.0	
3278373	Seoul Viosys Co. Ltd.	29/03/2016	3278373	16773419.3	
3278487	Qualcomm Incorporated	30/03/2016	3278487	16716121.5	
3278581	Qualcomm Incorporated	28/01/2016	3278581	16706055.7	
3279005	Giesecke+Devrient Currency Technology GmbH	27/07/2017	3279005	17001297.5	German
3279125	Alimak Group Management AB	03/08/2016	3279125	16382383.4	
3279320	Novozymes A/S Novozymes, Inc.	26/04/2013	3279320	17174714.0	
3279383	Samsung Electronics Co., Ltd.	15/03/2016	3279383	16773320.3	
3279570	E.G.O. ELEKTRO-GERÄTEBAU GmbH	19/07/2017	3279570	17182207.5	German
3280165	IPCom GmbH & Co. KG	04/08/2017	3280165	17184879.9	
3280266	Deutsches Institut für Lebensmitteltechnik e.V.	11/04/2016	3280266	16719247.5	German
3280683	Friestad, Håkon O.	07/04/2016	3280683	16776976.9	
3280975	Carl Zeiss 3D Automation GmbH	08/04/2016	3280975	16715841.9	German
3281032	Saab AB	09/04/2015	3281032	15888625.9	
3281245	SunFire GmbH	08/04/2015	3281245	15744472.0	German
3281267	Ellenberger & Poensgen GmbH	31/03/2016	3281267	16716836.8	German
3281587	ulrich GmbH & Co. KG	26/07/2017	3281587	17183284.3	German
3281960	Osaka University	08/04/2016	3281960	16776716.9	
3282008	Idemitsu Kosan Co., Ltd.	08/04/2016	3282008	16776700.3	
3282162	AUDI AG	31/07/2017	3282162	17001308.0	German
3282952	The Regents Of The University Of Michigan	04/04/2016	3282952	16774425.9	
3283137	Rutgers, The State University of New Jersey	15/04/2016	3283137	16780881.5	
3283785	PUMPKIN MOUNTS, LLC	08/04/2016	3283785	16719115.4	
3283908	Ocean Optics, Inc.	13/04/2016	3283908	16780581.1	
3283971	Qualcomm Incorporated	24/03/2016	3283971	16715203.2	

3284369	Segos Co., Ltd.	14/04/2016	3284369	16780299.0	
3284474	University of Tsukuba	15/04/2016	3284474	16780124.0	
3284612	Giesecke+Devrient Currency Technology GmbH	10/08/2017	3284612	17001368.4	German
3285040	Hamilton Sundstrand Corporation	26/07/2017	3285040	17183351.0	
3285277	Panasonic Intellectual Property Management Co., Ltd.	12/05/2015	3285277	17192370.9	
3285416	Nippon Telegraph And Telephone Corporation	06/04/2016	3285416	16796214.1	
3285525	NEC Corporation	01/02/2008	3285525	17189293.8	
3285537	BlackBerry Limited	12/03/2010	3285537	17187221.1	
3285824	Fresenius Medical Care Deutschland GmbH	20/04/2016	3285824	16717838.3	German
3286274	BASF SE	08/04/2016	3286274	16719785.4	
3286769	Prysmian S.p.A.	22/04/2015	3286769	15720800.0	
3286914	FotoNation Limited	19/04/2016	3286914	16783702.0	
3287249	Volvo Car Corporation	22/08/2016	3287249	16185077.1	
3287423	Jushi Group Co., Ltd.	14/02/2017	3287423	17794207.5	
3287526	Kaneka Corporation	22/04/2016	3287526	16782819.3	
3288043	LG ELECTRONICS INC.	25/06/2015	3288043	15889987.2	
3288478	Innoblative Designs, Inc.	29/04/2016	3288478	16787228.2	
3288966	VALLAURIX PTE. LTD.	28/04/2016	3288966	16727839.9	
3289167	Churchill Drilling Tools Limited	29/04/2016	3289167	16720536.8	
3289755	LG Electronics Inc.	08/09/2015	3289755	15890837.6	
3289903	Aderans Company Limited	26/04/2016	3289903	16789526.7	
3289919	Mara S.r.l.	05/09/2017	3289919	17189445.4	
3290018	Kao Corporation	31/08/2016	3290018	16186597.7	
3290052	Galaxy Biotech, LLC	06/11/2009	3290052	17191118.3	
3290450	Dow Global Technologies LLC	21/06/2012	3290450	17196928.0	
3290903	The Yokohama Rubber Co., Ltd.	10/03/2016	3290903	16786217.6	
3291762	Colgate-Palmolive Company Omron Healthcare Co., Ltd.	09/06/2016	3291762	16757750.1	
3292047	AUTOMATED PACKAGING SYSTEMS, INC.	29/02/2016	3292047	16789709.9	
3292115	Betta Pharmaceuticals Co., Ltd.	20/07/2016	3292115	16827230.0	
3292224	Cockerill Maintenance & Ingénierie S.A.	25/04/2016	3292224	16718352.4	

3292285	Innio Jenbacher GmbH & Co OG	31/03/2016	3292285	16717532.2	German
3292726	Huawei Technologies Co. Ltd.	08/06/2015	3292726	15727409.3	
3292912	Loesche GmbH	09/09/2016	3292912	16188007.5	German
3293214	Thai Polyethylene Co., Ltd. SCG Chemicals Co., Ltd.	12/09/2016	3293214	16188347.5	
3293412	Valeo Embrayages	19/07/2017	3293412	17182072.3	French
3293765	LG Display Co., Ltd.	02/08/2017	3293765	17184397.2	
3293908	HUAWEI TECHNOLOGIES CO., LTD.	29/08/2017	3293908	17188282.2	
3294241	VasDeBlock medical ApS	12/05/2016	3294241	16723651.2	
3294459	Outotec (Finland) Oy	13/05/2015	3294459	15891731.0	
3294519	KraussMaffei Technologies GmbH	19/07/2016	3294519	16739509.4	German
3294570	U-NICA Systems AG	03/05/2016	3294570	16721768.6	German
3294574	Evonik Operations GmbH	29/04/2016	3294574	16722574.7	German
3295887	Globus Medical, Inc.	13/09/2017	3295887	17190928.6	
3296062	Leatherman Tool Group, Inc.	25/05/2017	3296062	17172956.9	
3297115	AEG Power Solutions GmbH	20/09/2016	3297115	16189632.9	German
3297575	Aprevent Medical Inc.	07/04/2017	3297575	17751225.8	
3298509	Google LLC	06/05/2016	3298509	16723904.5	
3298615	WiTricity Corporation	29/04/2016	3298615	16723588.6	
3298675	Essilor International	17/05/2016	3298675	16725423.4	
3298716	Qualcomm Incorporated	10/05/2016	3298716	16724567.9	
3298948	Fujifilm Corporation	13/09/2017	3298948	17190858.5	
3299070	adidas AG	26/09/2017	3299070	17193112.4	
3299367	Novartis AG	13/03/2014	3299367	17190132.5	
3299481	Mitsubishi Hitachi Power Systems, Ltd.	05/07/2016	3299481	16821396.5	
3299493	Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.	01/10/2015	3299493	15905444.4	
3299854	Toppan Printing Co., Ltd.	16/10/2007	3299854	17194429.1	
3300617	Dubrosky & Tracy Patent Service Corp.	03/10/2017	3300617	17194638.7	
3301246	Martin, Jean-François	29/09/2017	3301246	17194200.6	French
3301254	Joy Global Underground Mining LLC	16/09/2013	3301254	17201425.0	
3301312	Välinge Innovation AB	04/05/2012	3301312	17202290.7	
3301755	Diehl Metering Systems GmbH	01/09/2017	3301755	17001475.7	German
3301832	Huawei Technologies Co., Ltd.	30/06/2016	3301832	16817259.1	
3302605	Gambro Lundia AB	23/05/2016	3302605	16724071.2	
3302613	Debiotech S.A.	02/06/2016	3302613	16736620.2	French

3303220	N.A.M. - Nano Analysis & Materials S.r.l.	27/05/2016	3303220	16739549.0	
3303437	BASF SE	20/05/2016	3303437	16727143.6	German
3303481	Thermolon Korea Co., Ltd. Helskens, Jan	23/05/2016	3303481	16727647.6	
3305386	The Maya Group, Inc.	09/11/2017	3305386	17196571.8	
3306201	Panasonic Intellectual Property Management Co., Ltd.	24/05/2016	3306201	16799572.9	
3306528	Axis AB	04/10/2016	3306528	16192142.4	
3306793	Rolls-Royce North American Technologies, Inc.	05/09/2017	3306793	17189407.4	
3307517	S.I.P.A. Società Industrializzazione Progettazione e Automazione S.p.A.	14/06/2016	3307517	16747616.7	
3307668	Manitowoc Crane Companies, LLC	10/06/2016	3307668	16732126.4	
3307813	Borealis AG	30/05/2016	3307813	16726534.7	
3308758	Thyzel, Reinhardt	12/10/2016	3308758	16193468.2	
3308766	Ionia Azure AG	11/10/2016	3308766	16002186.1	
3308858	OAV Objekte und Anlagen Vermietung GmbH	13/10/2016	3308858	16193632.3	German
3309263	Novartis AG Dana-Farber Cancer Institute, Inc. Broad Institute	26/06/2013	3309263	17198700.1	
3309419	NSK Ltd.	08/11/2013	3309419	17204705.2	
3309455	Valeo Thermal Commercial Vehicles Germany GmbH	02/08/2017	3309455	17184467.3	German
3309596	Nidec Sankyo Corporation	10/06/2016	3309596	16807602.4	
3309798	NOF Corporation	08/06/2016	3309798	16807517.4	
3309917	Trippe Industrielectronic GmbH	05/10/2017	3309917	17195006.6	German
3310070	Clarion Co., Ltd.	27/06/2016	3310070	16821263.7	
3310235	Vorwerk & Co. Interholding GmbH	01/06/2016	3310235	16727983.5	German
3310429	Bioinduction Limited	17/06/2016	3310429	16733174.3	
3310506	Zeiser Engineering UAB	15/06/2016	3310506	16739260.4	
3310520	DALLAN S.P.A.	16/06/2016	3310520	16741679.1	
3310649	Centre National de la Recherche Scientifique	17/06/2016	3310649	16734586.7	French
3311370	Radio Systems Corporation	04/08/2015	3311370	15895839.7	

3311496	Laird Dabendorf GmbH Audi AG	14/06/2016	3311496	16729256.4	German
3312021	MAVIC S.A.S.	04/10/2017	3312021	17194765.8	French
3312048	Alps Alpine Co., Ltd.	18/10/2017	3312048	17197162.5	
3312201	LG Chem, Ltd.	26/01/2017	3312201	17744611.9	
3312542	Hamilton Sundstrand Corporation	24/10/2017	3312542	17197962.8	
3313189	UNITED BISCUITS (UK) LIMITED	24/06/2016	3313189	16731929.2	
3314008	Q-Linea AB	16/06/2016	3314008	16730812.1	
3314445	Intel IP Corporation	25/05/2016	3314445	16814969.8	
3314970	Telefonaktiebolaget LM Ericsson (publ)	26/06/2015	3314970	15735650.2	
3314999	Brock, Arthur Philip Harvey	27/10/2017	3314999	17198788.6	
3315035	Japan Tobacco Inc.	24/06/2016	3315035	16814525.8	
3315239	Honeywell International Inc.	28/10/2016	3315239	16196480.4	
3315387	NSK Ltd.	12/05/2017	3315387	17796241.2	
3315585	JFE Steel Corporation	13/06/2016	3315585	16814206.5	
3315679	Hertkorn, Regina	23/10/2017	3315679	17197756.4	German
3316084	Advanced Silicon SA	07/03/2017	3316084	17159703.2	
3316115	Huawei Technologies Co., Ltd.	29/09/2016	3316115	16850380.3	
3316364	KCF Technologies Co., Ltd.	11/05/2016	3316364	16814582.9	
3316390	Amotech Co. Ltd.	21/06/2016	3316390	16814650.4	
3316470	Nissan Motor Co., Ltd.	23/06/2015	3316470	15896291.0	
3316506	ZTE Corporation	22/08/2016	3316506	16813768.5	
3317196	Georg Utz Holding AG	29/06/2016	3317196	16741541.3	German
3317330	Dow Global Technologies LLC	13/05/2016	3317330	16726440.7	
3318040	Microsoft Technology Licensing, LLC	27/07/2016	3318040	16748422.9	
3318811	Mitsubishi Electric Corporation	23/09/2016	3318811	16904239.7	
3318963	Samsung Electronics Co., Ltd.	28/08/2015	3318963	17208170.5	
3319145	Greatbatch Ltd.	06/11/2017	3319145	17200202.4	
3319181	Huawei Technologies Co., Ltd.	15/03/2016	3319181	16827048.6	
3319505	Novartis AG	26/07/2016	3319505	16751013.0	
3319887	Benninghoven GmbH & Co. KG	24/06/2016	3319887	16733052.1	German
3319972	Compagnie Générale des Etablissements Michelin	06/07/2016	3319972	16736135.1	French
3320305	Continental Teves AG & Co. OHG	15/06/2016	3320305	16734574.3	German
3320872	Biosense Webster (Israel) Ltd.	08/11/2017	3320872	17200653.8	
3320924	Heraeus Medical GmbH	17/10/2017	3320924	17196738.3	German
3321479	AISIN SEIKI KABUSHIKI KAISHA	08/11/2017	3321479	17200554.8	

3321607	Mitsubishi Electric Corporation	26/04/2016	3321607	16821082.1	
3321725	Nippon Seiki Co., Ltd.	04/07/2016	3321725	16821354.4	
3321848	Shenzhen Goodix Technology Co., Ltd.	27/09/2016	3321848	16898147.0	
3322060	Nordex Energy GmbH	14/11/2016	3322060	16198705.2	
3322188	Alcatel Lucent	10/11/2016	3322188	16306476.9	
3322189	Alcatel Lucent	10/11/2016	3322189	16306478.5	
3323160	BYD Company Limited	30/09/2015	3323160	15905098.8	
3323420	Idroflu S.r.l.	30/06/2017	3323420	17179181.7	
3323732	Payper, S.A.	22/11/2016	3323732	16382544.1	
3324580	LSIS Co., Ltd.	03/11/2016	3324580	17208704.1	
3326302	Hughes Network Systems, LLC	15/07/2016	3326302	16751707.7	
3326481	Acorn Engineering Company	28/11/2017	3326481	17203978.6	
3326776	Inglass S.p.A.	29/05/2014	3326776	17211148.6	
3326869	AISIN SEIKI KABUSHIKI KAISHA	24/11/2017	3326869	17203589.1	
3326876	TOYOTA JIDOSHA KABUSHIKI KAISHA ADVICS CO., LTD.	10/11/2017	3326876	17201054.8	
3326933	Bedford Industries, Inc.	02/07/2015	3326933	18151339.1	
3327010	Institute of Pharmacology and Toxicology Academy of Military Medical Sciences P.L.A. China	28/06/2016	3327010	16817233.6	
3327015	Anygen Co., Ltd.	15/05/2017	3327015	17171143.5	
3327023	LG Display Co., Ltd.	29/11/2017	3327023	17204346.5	
3327150	JFE Steel Corporation	15/07/2016	3327150	16830368.3	
3327486	Coretronic Corporation	21/11/2017	3327486	17202808.6	
3327699	Frequentis AG	07/11/2017	3327699	17200399.8	German
3327716	LG Display Co., Ltd.	28/11/2017	3327716	17204057.8	
3327781	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	20/11/2017	3327781	17202517.3	
3327907	TOYOTA JIDOSHA KABUSHIKI KAISHA	07/11/2017	3327907	17200421.0	
3327947	QUALCOMM Incorporated	11/09/2013	3327947	18151557.8	
3328121	LG Electronics Inc.	06/03/2014	3328121	18150299.8	
3328243	Kindof Furniture SAGL	29/07/2016	3328243	16745712.6	
3328252	BSH Hausgeräte GmbH	22/07/2016	3328252	16742293.0	German
3328349	L'OREAL	28/07/2016	3328349	16753840.4	

3328524	Dow Global Technologies LLC	11/07/2016	3328524	16739382.6	
3328754	G.D S.p.A.	28/07/2016	3328754	16760169.9	
3328906	ARLANXEO Deutschland GmbH	26/07/2016	3328906	16745680.5	
3329219	Nuron Limited	28/07/2016	3329219	16747584.7	
3329297	Universita' Degli Studi di Firenze	26/07/2016	3329297	16763934.3	
3329333	Pellini S.p.A.	28/07/2016	3329333	16754329.7	
3329746	Tridonic GmbH & Co. KG	07/07/2016	3329746	16760378.6	German
3329767	Nedap N.V.	05/12/2017	3329767	17205354.8	
3329944	Body Organ Biomedical Corp.	15/02/2008	3329944	18150067.9	
3330089	KYOCERA Document Solutions Inc.	22/11/2017	3330089	17203130.4	
3330646	Daikin Industries, Ltd.	22/08/2016	3330646	16841078.5	
3330829	STMicroelectronics Design and Application s.r.o. STMicroelectronics Asia Pacific Pte Ltd.	19/06/2017	3330829	17176566.2	
3330923	INTEL Corporation	03/11/2017	3330923	17200029.1	
3331086	Universidad De Alicante	26/07/2016	3331086	16829903.0	
3331785	Brelko Patents (Pty) Ltd.	14/06/2016	3331785	16775061.1	
3332601	Qualcomm Incorporated	01/07/2016	3332601	16757991.1	
3332606	IPCom GmbH & Co. KG	04/08/2016	3332606	16750755.7	
3333560	Pall Corporation	03/11/2017	3333560	17199909.7	
3333977	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/03/2017	3333977	17765888.7	
3334341	Koninklijke Philips N.V.	11/08/2016	3334341	16757836.8	
3334562	Fives Landis Limited	10/08/2016	3334562	16753691.1	
3334905	Safran Aircraft Engines	05/08/2016	3334905	16758234.5	French
3335097	Samsung Electronics Co., Ltd.	09/09/2016	3335097	16844752.2	
3335200	Manea Vending S.r.l.	08/08/2016	3335200	16791451.4	
3335728	Beth Israel Deaconess Medical Center Inc. Children's Medical Center Corporation	13/10/2009	3335728	18150843.3	
3336028	Savio Macchine Tessili S.p.A.	12/12/2017	3336028	17206699.5	
3336294	Liberda, Victor Liberda, Rudolf	04/12/2017	3336294	17205073.4	German
3336453	Mitsubishi Electric Corporation	17/10/2016	3336453	16903367.7	
3337988	Bondura Technology AS	16/08/2016	3337988	16839678.6	

3338527	CLAAS Selbstfahrende Erntemaschinen GmbH	15/08/2017	3338527	17186235.2	German
3339463	NIPPON STEEL Chemical & Material Co., Ltd.	16/08/2016	3339463	16837114.4	
3340178	Siemens Healthcare GmbH	09/11/2017	3340178	17200756.9	German
3340289	Pezy Computing K.K.	02/09/2015	3340289	15903003.0	
3340674	Huawei Technologies Co., Ltd.	06/01/2017	3340674	17735858.7	
3341500	Thyssenkrupp Electrical Steel GmbH	29/08/2016	3341500	16759732.7	German
3341655	Walgreen Co.	26/08/2016	3341655	16763391.6	
3342533	Yamazaki Mazak Corporation	04/11/2016	3342533	16910789.3	
3342785	Daiichi Sankyo Company, Limited	10/10/2013	3342785	18152381.2	
3342868	Systasy Bioscience GmbH	21/12/2017	3342868	17209751.1	
3342921	LG Electronics Inc.	07/09/2017	3342921	17189893.5	
3342940	Hitachi Construction Machinery Co., Ltd.	22/02/2016	3342940	16838822.1	
3343468	Hitachi, Ltd.	27/08/2015	3343468	15902295.3	
3343528	Rovi Guides, Inc.	11/06/2010	3343528	17211193.2	
3343984	Huawei Technologies Co., Ltd.	06/11/2015	3343984	15904619.2	
3344124	St. Jude Medical, Cardiology Division, Inc.	31/08/2016	3344124	16774733.6	
3344168	MicroAire Surgical Instruments, LLC	25/08/2016	3344168	16842637.7	
3344204	Société Julbo	01/09/2015	3344204	15775251.0	French
3344273	NUTRAMAX LABORATORIES, INC.	31/08/2016	3344273	16766152.9	
3344322	Becton, Dickinson and Company	31/08/2016	3344322	16766156.0	
3344405	Erich Utsch AG	16/08/2016	3344405	16757592.7	German
3344510	Siemens Mobility GmbH	10/11/2016	3344510	16795294.4	German
3344768	Universiteit Maastricht Academisch Ziekenhuis Maastricht	18/08/2016	3344768	16753667.1	
3344907	A. Raymond et Cie	22/08/2016	3344907	16842589.0	
3345212	Anokiwave, Inc.	25/08/2016	3345212	16842630.2	
3345253	Harting Electric GmbH & Co. KG	16/08/2016	3345253	16774845.8	German
3345258	Harting Electric GmbH & Co. KG	17/08/2016	3345258	16765908.5	German
3345706	Ridge Tool Company	27/09/2017	3345706	17193505.9	
3346012	Universitätsklinikum Jena	09/01/2017	3346012	17150649.6	
3346019	JFE Steel Corporation	26/08/2016	3346019	16841104.9	
3346236	It's MMC Co., Ltd.	02/09/2016	3346236	16842007.3	
3346415	Trustonic Limited	09/11/2017	3346415	17200828.6	

3346480	Meidensha Corporation	23/08/2016	3346480	16841570.1	
3346652	NEC Corporation	31/08/2016	3346652	16841123.9	
3346981	Novamont S.p.A.	07/09/2016	3346981	16770218.2	
3346982	Novamont S.p.A.	07/09/2016	3346982	16770219.0	
3347092	Lumitex, Inc.	12/09/2016	3347092	16770163.0	
3347131	MBE Coal & Minerals Technology GmbH	30/08/2016	3347131	16760037.8	German
3347558	Hydroguard Limited	06/09/2016	3347558	16762859.3	
3348183	Verathon, Inc.	08/01/2018	3348183	18150568.6	
3348394	LG Chem, Ltd.	08/03/2017	3348394	17763569.5	
3348505	Otis Elevator Company	15/01/2018	3348505	18151745.9	
3348772	Hommer, Ernst Hommer, Heidrun	08/01/2018	3348772	18150531.4	German
3348993	Atten2 Advanced Monitoring Technologies S.L.	11/01/2017	3348993	17382007.7	
3349268	LG Chem, Ltd.	03/03/2017	3349268	17760343.8	
3349434	CANON KABUSHIKI KAISHA	27/02/2014	3349434	18155827.1	
3349507	InterDigital Technology Corporation	19/06/2007	3349507	18157176.1	
3349655	Samsung Electronics Co., Ltd.	04/04/2016	3349655	16846715.7	
3349821	Fresenius Medical Care Holdings, Inc.	22/07/2016	3349821	16748409.6	
3349978	GTM-Advanced Products B.V.	15/09/2016	3349978	16777808.3	
3350029	Robert Bosch GmbH	23/08/2016	3350029	16754502.9	German
3350065	Renault s.a.s.	02/09/2016	3350065	16775770.7	French
3350163	Janssen Pharmaceuticals, Inc. Katholieke Universiteit Leuven	15/09/2016	3350163	16767235.1	
3350326	LabGenius Ltd	15/09/2016	3350326	16794387.7	
3350904	Siemens Aktiengesellschaft	10/11/2016	3350904	16795302.5	German
3351171	Japan Precision Instruments Inc.	24/01/2018	3351171	18153123.7	
3351230	Borges Belza, Manuel Jacinto	07/07/2016	3351230	16750875.3	
3351395	Kostech, Inc.	27/05/2016	3351395	16846727.2	
3351488	Three Bond Co., Ltd.	09/05/2016	3351488	16846027.7	
3351721	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	28/11/2008	3351721	17210228.7	
3351966	Rosemount Aerospace Inc.	19/01/2018	3351966	18152500.7	
3352306	DAI-ICHI SEIKO CO., LTD.	17/01/2018	3352306	18152055.2	
3352383	Beijing Xiaomi Mobile Software Co., Ltd.	16/01/2018	3352383	18151786.3	

3352614	Nike Innovate C.V.	23/09/2016	3352614	16774819.3	
3352615	NIKE Innovate C.V.	23/09/2016	3352615	16782120.6	
3352726	L'OREAL	23/09/2016	3352726	16770289.3	
3352818	Sanofi-Aventis Deutschland GmbH	20/09/2016	3352818	16774888.8	
3352951	Université catholique de Louvain	23/09/2016	3352951	16770280.2	
3353434	Igus GmbH	21/09/2016	3353434	16770743.9	German
3354328	MTT Technologies GmbH	08/01/2018	3354328	18150528.0	
3354628	Jushi Group Co., Ltd.	16/06/2016	3354628	16900927.1	
3354880	Mitsubishi Hitachi Power Systems, Ltd.	10/11/2016	3354880	16868394.4	
3355058	Helena Laboratories (UK) Ltd.	30/01/2017	3355058	17153745.9	
3355397	LG Chem, Ltd.	22/09/2016	3355397	16848947.4	
3356273	Inventio AG	29/09/2016	3356273	16777650.9	German
3356458	BASF SE	29/09/2016	3356458	16775670.9	German
3356479	MGI Digital Technology	26/09/2016	3356479	16770768.6	French
3356626	Shanghai Yanfeng Jinqiao Automotive Trim Systems Co., Ltd.	27/09/2016	3356626	16852433.8	
3356933	Microsoft Technology Licensing, LLC	26/09/2016	3356933	16778968.4	
3357199	INNOGY SE	21/09/2016	3357199	16777566.7	German
3357287	QUALCOMM Incorporated	28/09/2016	3357287	16784305.1	
3357428	FUJIFILM Corporation	21/06/2016	3357428	16850764.8	
3357495	Axovant Sciences GmbH	19/11/2009	3357495	18152484.4	
3357664	Synventive Molding Solutions, Inc.	23/06/2014	3357664	17192389.9	
3357875	Idemitsu Kosan Co., Ltd.	07/04/2010	3357875	18164376.8	
3357971	Mitsubishi Chemical Corporation	28/09/2016	3357971	16851692.0	
3358079	HP3 Real GmbH	02/01/2018	3358079	18150046.3	German
3358160	VOLKSWAGEN AKTIENGESELLSCHAFT	22/01/2018	3358160	18152684.9	German
3358656	Kuraray Co., Ltd.	21/09/2016	3358656	16851319.0	
3359320	GEFERTEC GmbH	04/10/2016	3359320	16801372.0	German
3359329	ESAB AB	07/10/2016	3359329	16784577.5	
3359344	Universität Innsbruck	04/10/2016	3359344	16787353.8	German
3359387	OCE-TECHNOLOGIES B.V.	29/09/2016	3359387	16775231.0	
3359730	Valmet AB	05/10/2016	3359730	16853993.0	
3359915	SYSNAV	10/10/2016	3359915	16793957.8	French
3360501	The General Hospital Corporation	05/04/2005	3360501	18159696.6	

3360566	The United States Government Represented by the Department of Veterans Affairs Oregon Health & Science University	19/11/2010	3360566	18162110.3	
3360798	Goodrich Lighting Systems GmbH	10/02/2017	3360798	17155659.0	
3361069	ECO Holding 1 GmbH	31/01/2018	3361069	18154363.8	German
3361092	Siemens Gamesa Renewable Energy A/S	21/11/2017	3361092	17202759.1	
3361275	Allegro MicroSystems, LLC	12/01/2016	3361275	18164858.5	
3361285	Thales	05/02/2018	3361285	18155045.0	French
3361342	Omron Corporation	17/11/2017	3361342	17202242.8	
3361575	Japan Aviation Electronics Industry, Limited	12/01/2018	3361575	18151478.7	
3361693	Wangsu Science & Technology Co., Ltd.	18/03/2016	3361693	16867555.1	
3361733	Samsung Electronics Co., Ltd.	02/07/2013	3361733	18165272.8	
3361962	Dianosic Institut National de la Santé et de la Recherche Médicale Hopitaux Universitaires de Strasbourg Université de Strasbourg	14/10/2016	3361962	16806211.5	French
3361976	Surgivisio	14/10/2016	3361976	16782055.4	
3362336	Bayerische Motoren Werke Aktiengesellschaft	27/09/2016	3362336	16774910.0	German
3363116	Politecnico di Milano	14/10/2016	3363116	16801838.0	
3363166	Satori Worldwide, LLC	29/06/2016	3363166	16744967.7	
3363270	Trumpf Laser- und Systemtechnik GmbH	12/10/2015	3363270	15781620.8	German
3363498	Cardiawave Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris INSERM (Institut National de la Santé et de la Recherche Médicale) Centre National de la Recherche Scientifique (CNRS) Université Paris Diderot - Paris 7	17/02/2017	3363498	17305179.8	
3364167	Omron Corporation	16/11/2017	3364167	17202094.3	

3364258	Omron Corporation	16/11/2017	3364258	17202066.1	
3364591	Huawei Technologies Co., Ltd.	31/10/2016	3364591	16863559.7	
3364724	Ledvance GmbH	15/02/2018	3364724	18157004.5	
3364809	Nike Innovate C.V.	19/10/2016	3364809	16788619.1	
3366203	Tata Consultancy Services Limited	15/02/2018	3366203	18156830.4	
3366217	Hologic, Inc.	13/03/2014	3366217	18153706.9	
3366349	DePuy Synthes Products, Inc.	07/03/2014	3366349	18167098.5	
3366891	SAFRAN AERO BOOSTERS S.A.	21/02/2018	3366891	18157777.6	French
3367008	Mitsubishi Electric Corporation	25/07/2016	3367008	16905689.2	
3367209	MediaTek Inc.	16/01/2018	3367209	18151809.3	
3367660	Veoneer Sweden AB	27/02/2017	3367660	17158100.2	
3368526	Heptares Therapeutics Limited	28/10/2016	3368526	16808804.5	
3369147	Université Paris Diderot (Paris 7) Centre National de la Recherche Scientifique (CNRS)	26/10/2016	3369147	16785532.9	French
3369343	Tegometall International AG	02/03/2018	3369343	18159830.1	German
3369799	AXENS	26/02/2018	3369799	18158555.5	French
3369800	AXENS	26/02/2018	3369800	18158558.9	French
3369861	Siemens Mobility AG	03/03/2017	3369861	17159212.4	German
3369946	Steinbrunner, Christian Häringer, Josef	13/02/2018	3369946	18156390.9	German
3369993	Mitsubishi Hitachi Power Systems, Ltd.	05/06/2015	3369993	18164286.9	
3370044	Bizerba SE & Co. KG	07/02/2018	3370044	18155465.0	German
3370152	INTEL Corporation	21/02/2018	3370152	18157970.7	
3370263	THALES	22/02/2018	3370263	18158092.9	French
3370618	Trophy	03/11/2015	3370618	15801230.2	
3370970	BTG Eclépens S.A.	04/11/2016	3370970	16793827.3	
3370971	BTG Eclépens S.A.	04/11/2016	3370971	16793830.7	
3371014	Volvo Truck Corporation	02/11/2016	3371014	16790603.1	
3371015	Volvo Truck Corporation	02/11/2016	3371015	16790606.4	
3371365	DSM IP Assets B.V.	04/11/2016	3371365	16793823.2	
3371366	DSM IP Assets B.V.	04/11/2016	3371366	16793825.7	
3371367	DSM IP Assets B.V.	04/11/2016	3371367	16794261.4	
3371595	Vivia Biotech, S.L.	04/11/2016	3371595	16801976.8	
3371651	Magna Mirrors Holding GmbH	26/09/2016	3371651	16774907.6	German
3371782	Microsoft Technology Licensing, LLC	24/10/2016	3371782	16798854.2	
3371839	Microsoft Technology Licensing, LLC	01/11/2016	3371839	16801631.9	

3371845	Samsung Electronics Co., Ltd.	27/09/2016	3371845	16860097.1	
3372138	Mitsubishi Electric Corporation	02/11/2015	3372138	15907763.5	
3372250	Novadaq Technologies ULC	01/05/2009	3372250	18166591.0	
3372271	Terumo Kabushiki Kaisha	27/11/2013	3372271	18165590.3	
3372378	Sumitomo Heavy Industries, Ltd.	06/03/2018	3372378	18160103.0	
3372459	Panasonic Intellectual Property Corporation of America	22/04/2014	3372459	18168851.6	
3372800	TOYOTA JIDOSHA KABUSHIKI KAISHA	08/03/2018	3372800	18160654.2	
3372839	Mitsubishi Electric Corporation	02/11/2015	3372839	15907761.9	
3372841	Mitsubishi Electric Corporation	02/11/2015	3372841	15907750.2	
3373759	3M Innovative Properties Company	08/11/2016	3373759	16798002.8	
3373901	The Procter & Gamble Company	13/11/2015	3373901	15908087.8	
3373912	Bayer Pharma Aktiengesellschaft	04/11/2016	3373912	16791576.8	
3374085	Hengst SE	10/11/2016	3374085	16805978.0	German
3374113	Albert Knebel Holding GmbH	08/11/2016	3374113	16791605.5	German
3374139	The Gillette Company LLC	10/11/2016	3374139	16798357.6	
3374202	Continental Reifen Deutschland GmbH	09/08/2016	3374202	16748304.9	German
3374425	SABIC Global Technologies B.V.	10/11/2016	3374425	16802141.8	
3374569	Dounas, Konstantinos Hellenic Center For Marine Research (HCMR)	29/12/2015	3374569	15832951.6	
3374606	DOW GLOBAL TECHNOLOGIES LLC	02/11/2016	3374606	16798869.0	
3374615	Volvo Truck Corporation	13/11/2015	3374615	15794910.8	
3374739	Siemens Mobility GmbH	15/11/2016	3374739	16797519.2	German
3375025	SABIC Global Technologies B.V.	11/11/2016	3375025	16795025.2	
3375161	Microsoft Technology Licensing, LLC	06/11/2016	3375161	16795524.4	
3375295	Jang, Sung Gi	12/02/2018	3375295	18156267.9	
3375575	Staubli Faverges	12/03/2018	3375575	18161141.9	French
3375703	PMI Industries, Inc.	04/11/2013	3375703	18165522.6	
3375763	Chemstream UBCA Anheuser-Busch InBev S.A.	17/03/2017	3375763	17161622.0	
3375805	Giovanni Bozzetto S.p.A.	06/03/2018	3375805	18160085.9	
3375880	Korea Research Institute of Bioscience and Biotechnology	27/10/2016	3375880	16860246.4	
3375990	Orcan Energy AG	17/03/2017	3375990	17161565.1	German

3376112	Spartherm Feuerungstechnik GmbH	13/03/2018	3376112	18161569.1	German
3376140	Mitsubishi Electric Corporation	27/11/2015	3376140	18171100.3	
3376164	FUJITSU LIMITED	31/01/2018	3376164	18154380.2	
3376496	Casio Computer Co., Ltd.	23/02/2018	3376496	18158250.3	
3376550	Samsung Display Co., Ltd.	09/03/2018	3376550	18161103.9	
3376562	Teijin Limited	08/11/2016	3376562	16864222.1	
3376565	Samsung Electronics Co., Ltd.	14/03/2018	3376565	18161791.1	
3376600	Phoenix Contact GmbH & Co. KG	14/03/2018	3376600	18161792.9	German
3376731	ABB Schweiz AG	15/03/2017	3376731	17161013.2	
3376925	Essity Hygiene and Health Aktiebolag	16/11/2015	3376925	15797637.4	
3376981	Stryker European Holdings I, LLC	18/11/2015	3376981	15808491.3	
3377204	Centre National de la Recherche Scientifique Institut National de la Santé et de la Recherche Médicale Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	08/11/2016	3377204	16806262.8	French
3377767	Société des Produits Nestlé S.A.	14/11/2016	3377767	16798117.4	
3377854	Thales	18/11/2016	3377854	16801744.0	French
3377877	Radiometer Medical ApS	17/11/2016	3377877	16798144.8	
3377878	Radiometer Medical ApS	17/11/2016	3377878	16801733.3	
3377894	Treat4Life AB	18/11/2016	3377894	16801740.8	
3377906	Paris Sciences et Lettres - Quartier Latin Université Paris Diderot - Paris 7 Commissariat à l'Énergie Atomique et aux Énergies Alternatives	17/11/2016	3377906	16797916.0	
3378183	QUALCOMM Incorporated	11/11/2016	3378183	16801926.3	
3378204	Google LLC	19/09/2017	3378204	17780571.0	
3378213	Mastercard International Incorporated	10/11/2016	3378213	16798917.7	
3378216	Microsoft Technology Licensing, LLC	14/11/2016	3378216	16804967.4	
3378364	SEB S.A.	19/03/2018	3378364	18162662.3	French
3378453	Unicharm Corporation	18/11/2015	3378453	15908745.1	
3378509	Merit Medical Systems, Inc.	15/11/2011	3378509	18154183.0	
3378600	Basso Industry Corp.	17/01/2018	3378600	18152076.8	
3378827	STILL GmbH	02/03/2018	3378827	18159628.9	German

3378941	Korea Research Institute of Bioscience and Biotechnology	27/10/2016	3378941	16860248.0	
3379251	Medical Strips Srl	22/03/2018	3379251	18163229.0	
3379938	Société des Produits Nestlé S.A.	15/11/2016	3379938	16795078.1	
3380299	Basell Polyolefine GmbH	08/11/2016	3380299	16791620.4	
3380449	LyondellBasell Acetyls, LLC	01/11/2016	3380449	16794890.0	
3380532	SABIC Global Technologies B.V.	21/11/2016	3380532	16800913.2	
3380574	Eastman Kodak Company	10/11/2016	3380574	16810126.9	
3380706	RENAULT s.a.s.	05/09/2016	3380706	16775772.3	French
3380833	Radiometer Medical ApS	23/11/2016	3380833	16798785.8	
3381239	TerraNet AB	24/11/2016	3381239	16810103.8	
3381329	Rubelli S.p.A.	28/03/2018	3381329	18164775.1	
3381409	Hlt, Inc.	16/05/2012	3381409	18158728.8	
3381637	Stamtech S.r.l.	21/03/2018	3381637	18163067.4	
3381740	AISIN SEIKI KABUSHIKI KAISHA	07/09/2017	3381740	17189877.8	
3381827	Advanced Digital Broadcast S.A.	27/03/2017	3381827	17163121.1	
3382137	Et Technology (Wuxi) Co., Ltd.	03/11/2015	3382137	15904613.5	
3382170	FPT Motorenforschung AG	29/03/2018	3382170	18165241.3	
3383199	Tubitak	25/11/2016	3383199	16820339.6	
3383235	Tchibo (Schweiz) AG	28/11/2016	3383235	16801529.5	German
3383238	Tchibo (Schweiz) AG	28/11/2016	3383238	16801797.8	German
3383403	Pharmaleads	30/11/2016	3383403	16809676.6	French
3383486	Cardiac Pacemakers, Inc.	29/11/2016	3383486	16810215.0	
3383516	Dow Global Technologies, LLC Rohm and Haas Company	22/11/2016	3383516	16816482.0	
3384001	Merck Patent GmbH	09/11/2016	3384001	16794211.9	
3384087	Oberthur Fiduciaire SAS	29/11/2016	3384087	16802074.1	French
3384118	Finglas S.r.l.	16/11/2016	3384118	16820335.4	
3384181	Pavilcu, Constantin Edyson	02/12/2016	3384181	16828771.2	
3384311	Thales	30/09/2016	3384311	16784805.0	French
3384567	Rittal GmbH & Co. KG	21/09/2016	3384567	16797449.2	German
3385041	Landwehr, Thomas Jay	20/02/2018	3385041	18157617.4	
3385058	PSA Automobiles SA	16/03/2018	3385058	18162394.3	French
3385090	Continental Reifen Deutschland GmbH	04/04/2017	3385090	17164745.6	German
3385092	The Goodyear Tire & Rubber Company	30/03/2018	3385092	18165321.3	
3385497	VAREL EUROPE (Société par Actions Simplifiée)	04/04/2017	3385497	17305405.7	

3385502	Hamilton Sundstrand Corporation	05/04/2018	3385502	18165976.4	
3387046	SABIC Global Technologies B.V.	21/11/2016	3387046	16798729.6	
3387236	Siemens Aktiengesellschaft	09/11/2016	3387236	16797808.9	German
3387251	Winfoo AB	02/12/2016	3387251	16805428.6	
3387542	Qualcomm Incorporated	15/11/2016	3387542	16804979.9	
3387556	Microsoft Technology Licensing, LLC	21/11/2016	3387556	16810162.4	
3387731	Qualcomm Incorporated	09/11/2016	3387731	16798891.4	
3388166	Hazelett Strip-Casting Corporation	10/04/2018	3388166	18166456.6	
3388570	LG Electronics Inc.	12/04/2018	3388570	18167005.0	
3388634	Doosan Heavy Industries & Construction Co., Ltd.	25/09/2017	3388634	17192813.8	
3388844	Tektronix, Inc.	12/04/2018	3388844	18167110.8	
3388911	Mitsubishi Heavy Industries, Ltd.	24/03/2017	3388911	17770408.7	
3390492	SABIC Global Technologies B.V.	10/11/2016	3390492	16804962.5	
3390547	Merck Patent GmbH	25/11/2016	3390547	16801715.0	
3390856	ZF Friedrichshafen AG	15/11/2016	3390856	16797517.6	German
3390940	ExxonMobil Upstream Research Company	10/11/2016	3390940	16801096.5	
3391105	Carl Zeiss Vision International GmbH	06/10/2017	3391105	17780413.5	German
3391511	Siemens Aktiengesellschaft	10/11/2016	3391511	16795296.9	German
3391752	Ali Group S.r.l. - Carpigiani	19/04/2018	3391752	18168170.1	
3391788	HL DISPLAY AB	19/04/2017	3391788	17167099.5	
3392164	Kunshan Airbag Packing Corp Liao, Tai-An	10/04/2017	3392164	17203233.6	
3392426	GIBUS S.p.A.	17/04/2018	3392426	18167787.3	
3392485	Rolls-Royce plc	20/03/2018	3392485	18162782.9	
3392538	Fujikoki Corporation	10/04/2018	3392538	18166453.3	
3392551	TRILUX GmbH & Co. KG	19/04/2018	3392551	18168225.3	German
3392611	Renishaw PLC	17/04/2018	3392611	18167707.1	
3392716	KYOCERA Document Solutions Inc.	21/05/2014	3392716	18168521.5	
3392834	HTC Corporation	29/03/2018	3392834	18165089.6	
3393173	Huawei Technologies Co., Ltd.	08/01/2016	3393173	16882949.7	
3393922	Flexipol Packaging Limited	20/12/2016	3393922	16816730.2	
3395059	Qualcomm Incorporated	29/11/2016	3395059	16816071.1	
3395144	Amazonen-Werke H. Dreyer GmbH & Co. KG	11/04/2018	3395144	18401033.8	German
3395407	Neuboron Medtech Ltd.	11/01/2017	3395407	17738151.4	

3395463	Primetals Technologies Austria GmbH	26/04/2017	3395463	17168241.2	German
3395510	OMRON CORPORATION	12/02/2018	3395510	18156227.3	
3395651	NSK Ltd.	09/02/2017	3395651	17753077.1	
3396012	SAFRAN AIRCRAFT ENGINES	25/04/2018	3396012	18169178.3	French
3396300	MBDA France	10/04/2018	3396300	18290030.8	French
3396344	STMicroelectronics S.r.l.	22/03/2018	3396344	18163456.9	
3396603	Dassault Systèmes	27/04/2017	3396603	17305475.0	
3396806	Kostal Industrie Elektrik GmbH	25/04/2018	3396806	18169256.7	German
3396957	CANON KABUSHIKI KAISHA	07/11/2012	3396957	18173012.8	
3397171	Koninklijke Philips N.V.	30/12/2016	3397171	16829100.3	
3397984	Thales	30/11/2016	3397984	16804787.6	French
3398427	CNH Industrial Italia S.p.A.	03/05/2018	3398427	18170506.2	
3398522	Evalve, Inc.	16/05/2005	3398522	18177999.2	
3398528	Covidien LP	01/05/2018	3398528	18170242.4	
3399529	ETO MAGNETIC GmbH	20/10/2011	3399529	18180022.8	German
3399669	Nokia Solutions and Networks Oy	05/05/2017	3399669	17169692.5	
3399685	LG Electronics Inc.	14/01/2014	3399685	18179299.5	
3399688	LG Electronics Inc.	12/01/2011	3399688	18177148.6	
3400469	Photonis Netherlands B.V.	06/01/2017	3400469	17700001.5	
3400473	Ultra-D Coöperatief U.A.	04/01/2016	3400473	16700001.7	
3400657	QUALCOMM INCORPORATED	07/01/2017	3400657	17701403.2	
3400981	Sanofi-Aventis Deutschland GmbH	07/09/2012	3400981	18167420.1	
3401002	ATLAS COPCO AIRPOWER, naamloze vennootschap	16/09/2014	3401002	18182288.3	
3401175	SAFIM S.p.A.	10/05/2018	3401175	18171686.1	
3401359	LG Chem, Ltd.	04/09/2017	3401359	17849042.1	
3401549	LG Electronics Inc.	18/04/2018	3401549	18167979.6	
3401595	Vaillant GmbH Vaillant (Wuxi) Heating Equipment Co., Ltd.	24/04/2018	3401595	18168904.3	
3401689	Murata Manufacturing Co., Ltd.	03/05/2018	3401689	18170557.5	
3401936	ETO MAGNETIC GmbH	20/10/2011	3401936	18180013.7	German
3402116	Huawei Technologies Co., Ltd.	01/02/2010	3402116	18181017.7	
3402169	Metaswitch Networks Ltd	11/05/2018	3402169	18171758.8	
3402352	Nike Innovate C.V.	13/01/2017	3402352	17702707.5	
3403478	CNH Industrial Belgium NV	18/04/2018	3403478	18168021.6	
3404009	ARKEMA FRANCE	16/05/2017	3404009	17305561.7	

3404146	SOILMEC S.p.A.	14/05/2018	3404146	18171978.2	
3404316	Self Electronics Co., Ltd. SELF ELECTRONICS Germany GmbH Lin, Wanjiang	08/05/2018	3404316	18171348.8	
3404528	CANON KABUSHIKI KAISHA	18/04/2018	3404528	18167905.1	
3404646	Ignis Innovation Inc.	26/05/2012	3404646	18181961.6	
3405047	Tetra Laval Holdings & Finance S.A.	16/01/2017	3405047	17700947.9	
3405158	Novoluto GmbH	05/10/2017	3405158	17803789.1	German
3405426	Intelprop S.A.	19/01/2017	3405426	17701305.9	French
3405554	Chevron Oronite Company LLC	20/01/2017	3405554	17703285.1	
3405656	Safran Aircraft Engines	10/01/2017	3405656	17702678.8	French
3405722	Elica S.p.A.	21/11/2016	3405722	16822739.5	
3405855	Microchip Technology Incorporated	23/01/2017	3405855	17703561.5	
3406124	CNH Industrial Belgium NV	15/05/2018	3406124	18172495.6	
3406144	Inpha Duemila S.r.l.	18/05/2018	3406144	18173146.4	
3406145	Shenzhen Kanger Technology Co., Ltd.	20/12/2017	3406145	17208879.1	
3406154	NIKE Innovate C.V.	24/06/2010	3406154	18181204.1	
3406314	Spin Master Ltd.	10/10/2016	3406314	17199604.4	
3406362	SMS group GmbH	17/05/2018	3406362	18172936.9	German
3406663	Bridgestone Corporation	19/01/2017	3406663	17741506.4	
3406801	Bayer Aktiengesellschaft	23/05/2017	3406801	17172539.3	German
3407002	Gamo Outdoor, S.L.	24/02/2016	3407002	16711324.0	
3407201	STMicroelectronics S.r.l.	14/05/2018	3407201	18172089.7	
3407258	Fujifilm Corporation	13/06/2013	3407258	18181970.7	
3407466	Koninklijke Philips N.V.	27/02/2015	3407466	18175646.1	
3407618	Robert Bosch GmbH	16/04/2018	3407618	18167494.6	
3407681	ELMOS Semiconductor Aktiengesellschaft	19/09/2017	3407681	17191776.8	German
3407699	Fliegl Agrartechnik GmbH	27/01/2017	3407699	17702351.2	German
3408131	ABB Schweiz AG	24/01/2017	3408131	17702042.7	
3408328	Borealis AG	27/01/2017	3408328	17701516.1	
3408480	U-Shin France	26/01/2017	3408480	17706290.8	French
3408689	Commissariat à l'Energie Atomique et aux Energies Alternatives	26/01/2017	3408689	17701356.2	French
3408855	ETO MAGNETIC GmbH	20/01/2017	3408855	17704169.6	German
3408926	Woodward HRT, Inc.	25/01/2017	3408926	17703890.8	

3408967	MAPLE HIGH TECH	20/01/2017	3408967	17700840.6	French
3409102	Natufia Labs OÜ	30/05/2017	3409102	17173362.9	
3409193	Siemens Healthcare GmbH	02/06/2017	3409193	17174253.9	German
3409531	Grammer AG	08/05/2018	3409531	18171284.5	German
3409579	The Boeing Company	26/02/2018	3409579	18158588.6	
3409715	LG Chem, Ltd.	30/10/2017	3409715	17867965.0	
3410029	Boga GmbH Gesellschaft für Moderne Gerätetechnik	02/06/2017	3410029	17174359.4	German
3410592	ABB Schweiz AG	30/05/2018	3410592	18175153.8	
3410687	Veoneer Sweden AB	30/05/2017	3410687	17173379.3	
3410709	HFI Innovation Inc.	23/07/2015	3410709	18186085.9	
3410756	Huawei Technologies Co., Ltd.	25/07/2016	3410756	16892271.4	
3411417	Nouryon Chemicals International B.V.	03/02/2017	3411417	17702389.2	
3411421	Evonik Operations GmbH	31/01/2017	3411421	17707712.0	
3411625	ZKW Group GmbH	13/01/2017	3411625	17702755.4	German
3411635	Intergas Heating Assets B.V.	31/01/2017	3411635	17706908.5	
3411775	Qualcomm Incorporated	06/01/2017	3411775	17701232.5	
3411792	Thales Dis France SA	21/03/2017	3411792	17711232.3	
3411867	Traffic Technology Services, Inc.	13/06/2017	3411867	17733256.6	
3411936	Koninklijke Philips N.V.	01/02/2017	3411936	17702121.9	
3411990	Telefonaktiebolaget LM Ericsson (PUBL)	03/02/2017	3411990	17703816.3	
3412101	Qualcomm Incorporated	20/01/2017	3412101	17701986.6	
3412163	ASICS Corporation	19/04/2017	3412163	17825723.4	
3412236	Covidien LP	07/06/2018	3412236	18176435.8	
3412248	Omron Healthcare Co., Ltd. Colgate-Palmolive Company	18/06/2012	3412248	18181568.9	
3412819	Oskar Dilo Maschinenfabrik KG	08/06/2017	3412819	17174932.8	German
3412915	Xylem Europe GmbH	09/06/2017	3412915	17175321.3	
3413057	Simmonds Precision Products, Inc.	06/06/2018	3413057	18176245.1	
3413199	Amadeus S.A.S.	01/02/2013	3413199	18179638.4	
3413427	Toyota Jidosha Kabushiki Kaisha	08/06/2018	3413427	18176690.8	
3413636	Apple Inc.	06/06/2018	3413636	18176364.0	
3413721	Luigi Zaini S.p.A.	18/04/2017	3413721	17718355.5	
3413722	Luigi Zaini S.p.A.	06/03/2017	3413722	17709046.1	
3413864	Produits Dentaires Pierre Rolland	02/02/2017	3413864	17707614.8	French
3414240	Bayer CropScience Aktiengesellschaft	06/02/2017	3414240	17704423.7	German

3414465	WABCO Europe BVBA	18/01/2017	3414465	17702764.6	German
3414506	Holcim Technology Ltd	10/02/2017	3414506	17707656.9	
3414766	Christian-Albrechts-Universität zu Kiel	09/01/2017	3414766	17703310.7	German
3414873	Fondation B Com	03/02/2017	3414873	17703132.5	French
3415279	PWP SA	11/05/2018	3415279	18171852.9	German
3415515	Adverio Pharma GmbH	22/11/2010	3415515	18178602.1	German
3416104	OCE Holding B.V.	05/06/2018	3416104	18176077.8	
3416168	Silicon Storage Technology Inc.	03/05/2015	3416168	18180330.5	
3416763	TRUMPF Maschinen Austria GmbH & Co. KG.	15/02/2017	3416763	17712693.5	German
3416796	Kraton Polymers U.S. LLC	13/07/2016	3416796	16897434.3	
3416839	Hammerglass AB	16/02/2017	3416839	17704783.4	
3417194	Gasket International S.r.L.	20/02/2017	3417194	17716604.8	
3417452	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	14/02/2017	3417452	17704485.6	
3417682	Microsoft Technology Licensing, LLC	09/02/2017	3417682	17706366.6	
3418173	Pedretti, Andrea	21/06/2017	3418173	17425065.4	
3418676	Torneria Ferraro S.P.A.	23/05/2018	3418676	18173899.8	
3419059	LG Electronics Inc.	07/07/2016	3419059	18189436.1	
3419241	Volvo Car Corporation	21/06/2017	3419241	17177018.3	
3419326	Huawei Technologies Co., Ltd.	11/03/2016	3419326	16893066.7	
3419410	Bortolussi, Claudio Bortolussi, Franco	24/02/2016	3419410	16722956.6	
3419606	Merck Patent GmbH	24/01/2017	3419606	17701268.9	German
3419914	CO.ME.Plast di Costalunga Francesco Davide & Figli S.N.C.	24/02/2017	3419914	17716616.2	
3419917	Gruppo Gimoka S.R.L.	27/02/2017	3419917	17717228.5	
3420018	3M Innovative Properties Company	23/02/2017	3420018	17709535.3	
3420533	LaVision GmbH	09/05/2018	3420533	18726936.0	German
3420609	Enerox GmbH	20/02/2017	3420609	17705903.7	German
3420687	Nokia of America Corporation	20/02/2017	3420687	17708402.7	
3421149	Nippon Steel Corporation	17/06/2011	3421149	18183490.4	
3421897	Mitsubishi Electric Corporation	22/11/2016	3421897	16891621.1	
3422087	Carl Zeiss Vision International GmbH	28/06/2017	3422087	17178326.9	German
3422408	LG Innotek Co., Ltd.	23/02/2017	3422408	17756831.8	
3422679	LG Electronics Inc.	06/04/2018	3422679	18166006.9	
3422902	SISO A/S	23/05/2017	3422902	17728270.4	

3422918	Dainelli, Alessio	28/02/2017	3422918	17717232.7	
3423024	Kocher-Plastik Maschinenbau GmbH	10/02/2017	3423024	17706408.6	German
3423129	A.L.M.S. Medical S.r.l.	28/02/2017	3423129	17716624.6	
3423208	Schnell S.p.A.	28/02/2017	3423208	17718402.5	
3423292	Compagnie Générale des Etablissements Michelin	23/02/2017	3423292	17710347.0	French
3423293	Compagnie Générale des Etablissements Michelin	23/02/2017	3423293	17710348.8	French
3423406	Chevron U.S.A. Inc.	24/01/2017	3423406	17703299.2	
3423891	Essilor International	03/03/2017	3423891	17708270.8	
3424243	Telefonaktiebolaget LM Ericsson (PUBL)	01/03/2017	3424243	17711767.8	
3424253	Sprint Communications Company L.P.	28/02/2017	3424253	17711847.8	
3424499	Frimline Private Limited	20/03/2018	3424499	18162734.0	
3425018	The Chemours Company FC, LLC	12/02/2013	3425018	18182312.1	
3425214	Tox Pressotechnik GmbH & Co. KG	29/06/2018	3425214	18180865.0	German
3425378	Bruker AXS, Inc.	22/06/2018	3425378	18179237.5	
3425899	Dolby Laboratories Licensing Corporation	28/07/2014	3425899	18185788.9	
3426416	Tritek Technologies, Inc.	28/04/2017	3426416	17790553.6	
3426600	ATOTECH Deutschland GmbH	03/03/2017	3426600	17708274.0	
3426868	Huf Hülsbeck & Fürst GmbH & Co. KG	28/02/2017	3426868	17707865.6	German
3426896	Safran	09/03/2017	3426896	17713358.4	French
3426979	Defendi Italy S.r.l.	08/03/2017	3426979	17715530.6	
3427274	HUSCO Automotive Holdings LLC	07/03/2017	3427274	17712606.7	
3427373	Institut VEDECOM	01/03/2017	3427373	17712205.8	French
3428079	MULTIVAC Sepp Haggemüller SE & Co. KG	14/07/2017	3428079	17181383.5	German
3428116	Engelke, Carsten Gerber, Ruedi	13/07/2017	3428116	17181101.1	German
3428559	PHC Holdings Corporation	02/03/2017	3428559	17763075.3	
3429431	Salin, Roberto	15/03/2017	3429431	17710543.4	German
3429523	The Procter & Gamble Company	15/03/2017	3429523	17713136.4	
3429768	Eni Rewind S.p.A.	16/03/2017	3429768	17724618.8	
3429853	Trelleborg Coated Systems Italy S.p.A.	24/05/2017	3429853	17726117.9	

3429958	thyssenkrupp Industrial Solutions AG thyssenkrupp AG	14/03/2017	3429958	17712719.8	German
3430774	Telefonaktiebolaget LM Ericsson (PUBL)	29/04/2016	3430774	16720185.4	
3431357	Hitachi, Ltd.	18/05/2012	3431357	18188029.5	
3431634	Rohm and Haas Electronic Materials LLC	12/06/2018	3431634	18177423.3	
3431912	Calsonic Kansei Corporation	09/03/2017	3431912	17766543.7	
3433420	Voith Patent GmbH	21/03/2017	3433420	17712495.5	German
3433446	SOMFY ACTIVITES SA	21/03/2017	3433446	17711675.3	French
3433576	Softsolution GmbH	20/03/2017	3433576	17719791.0	German
3433583	Endress+Hauser SE+Co. KG	14/03/2017	3433583	17713188.5	German
3433980	Safran Electronics & Defense	15/02/2017	3433980	17705849.2	French
3434156	Leo Demetz Kunststoffverarbeitung GmbH	23/04/2018	3434156	18168787.2	German
3434840	Viega Technology GmbH & Co. KG	24/07/2017	3434840	17182791.8	German
3435017	TOYOTA JIDOSHA KABUSHIKI KAISHA	20/06/2018	3435017	18178862.1	
3435019	Cryomax Cooling System Corp.	24/07/2018	3435019	18185268.2	
3435046	ams International AG	30/08/2017	3435046	17188487.7	
3436118	Philip Morris Products S.A.	29/03/2017	3436118	17714707.1	
3436287	Compagnie Générale des Etablissements Michelin	29/03/2017	3436287	17719017.0	
3437150	INST. D'ENSEIGNEMENT SUPERIEUR ET DE RECHERCHE EN ALIMENTATION, SANTE ANIMALE, SCIENCES AGRONOMIQUES ET DE L'ENVIRONNEMENT (VET AGRO SUP) Institut National d'Etudes Superieures Agronomiques de Montpellier Institut National de la Recherche Agronomique	30/03/2017	3437150	17714469.8	
3437267	British Telecommunications public limited company	21/03/2017	3437267	17710994.9	

3437280	Telefonaktiebolaget LM Ericsson (PUBL)	31/03/2016	3437280	16712905.5	
3437281	Telefonaktiebolaget LM Ericsson (PUBL)	31/03/2016	3437281	16712913.9	
3437327	Qualcomm Incorporated	28/03/2017	3437327	17720270.2	
3438819	Akamai Technologies, Inc.	24/07/2018	3438819	18185232.8	
3439210	Mitsubishi Electric Corporation	31/07/2017	3439210	17306024.5	
3439221	HTC Corporation	31/07/2018	3439221	18186718.5	
3439592	Novartis AG	04/04/2016	3439592	16715629.8	
3439733	Novocure Limited	04/04/2017	3439733	17716642.8	
3441137	Evonik Operations GmbH	08/08/2017	3441137	17185340.1	German
3441355	Universal Dispense Systems Limited	07/08/2018	3441355	18187854.7	
3441383	Evonik Operations GmbH	08/08/2017	3441383	17185346.8	German
3441384	Evonik Operations GmbH	08/08/2017	3441384	17185366.6	German
3441617	PFEIFFER VACUUM GMBH	09/08/2017	3441617	17185534.9	German
3442022	Samsung Electronics Co., Ltd.	10/08/2018	3442022	18188464.4	
3442709	GILSON SAS	11/04/2017	3442709	17716876.2	French
3442808	OCE HOLDING B.V.	13/04/2017	3442808	17716280.7	
3442870	KHS GmbH	15/02/2017	3442870	17705851.8	German
3443146	SAXONIA Edelmetalle GmbH	23/05/2017	3443146	17725581.7	
3443381	Riegl Laser Measurement Systems GmbH	03/02/2017	3443381	17704375.9	German
3443701	Telefonaktiebolaget LM Ericsson (publ)	12/04/2017	3443701	17719923.9	
3443758	BAE Systems PLC	28/03/2017	3443758	17713416.0	
3444050	S.A.S 3DCeram-Sinto	20/06/2018	3444050	18178892.8	French
3444064	Franz Haimer Maschinenbau KG	17/07/2018	3444064	18183841.8	German
3444456	Guizhou Huangdi Diesel Engine Cleaner Co., Ltd.	07/08/2018	3444456	18187820.8	
3445176	Coöperatie Avebe U.A.	18/04/2017	3445176	17719739.9	
3445496	Adey Holdings (2008) Limited	28/06/2016	3445496	16739534.2	
3446868	Hexcel Reinforcements	23/11/2009	3446868	18200531.4	French
3447237	Repsol, S.A. Universitat Politècnica De Catalunya	21/08/2017	3447237	17382578.7	
3449054	Koninklijke Philips N.V.	24/04/2017	3449054	17720727.1	
3449141	Gebrüder Reinfurt GmbH & Co. KG	18/07/2017	3449141	17749120.6	German
3449142	BSH Hausgeräte GmbH	12/04/2017	3449142	17716913.3	German
3449249	Qlip B.V.	01/05/2017	3449249	17727406.5	

3450553	Translate Bio, Inc.	19/03/2015	3450553	18201321.9	
3452375	MBP S.r.l.	20/04/2017	3452375	17726992.5	
3452657	Voith Patent GmbH	27/04/2017	3452657	17724321.9	German
3453819	Laguna Fabryka Okuc Spolka z o.o. Sp. k.	07/09/2017	3453819	17460058.5	
3457601	Siemens Aktiengesellschaft	13/09/2017	3457601	17190779.3	
3457934	Micrima Limited	17/05/2017	3457934	17725735.9	
3461383	SEB S.A.	24/09/2018	3461383	18196261.4	French
3462135	Diehl Metering Systems GmbH	30/08/2018	3462135	18000707.2	German
3463236	Fibertex Personal Care A/S	29/08/2017	3463236	17811847.7	
3466754	MAN Truck & Bus SE	13/08/2018	3466754	18188618.5	German
3466991	Mitsubishi Chemical Corporation	30/05/2017	3466991	17806659.3	
3467236	Notus Energy Plan GmbH & Co. KG	05/10/2017	3467236	17195043.9	German
3467241	Huf Hülsbeck & Fürst GmbH & Co. KG	04/09/2018	3467241	18192397.0	German
3468904	Herma GmbH	01/06/2018	3468904	18728633.1	German
3469840	Telefonaktiebolaget LM Ericsson (PUBL)	08/06/2016	3469840	16727705.2	
3470686	Mitsubishi Electric Corporation	01/07/2016	3470686	16907353.3	
3471443	Panasonic Corporation	13/08/2008	3471443	18208571.2	
3471690	Unilever PLC	16/05/2017	3471690	17723404.4	
3472485	Kongsberg Automotive AS	15/06/2017	3472485	17758263.2	
3472499	ZMK Technologies GmbH	16/06/2017	3472499	17737654.8	
3473240	Qineva GmbH	18/10/2017	3473240	17196964.5	German
3473352	KME Mansfeld GmbH	17/10/2018	3473352	18200963.9	German
3473421	QINGDAO SENTURY TIRE CO., LTD.	15/02/2017	3473421	17814425.9	
3473663	Shin-Etsu Chemical Co., Ltd.	05/10/2018	3473663	18198857.7	
3474359	Panasonic Intellectual Property Management Co., Ltd.	07/06/2017	3474359	17815168.4	
3474796	Carl Zeiss Vision International GmbH	29/06/2017	3474796	17737743.9	
3475139	Bombardier Transportation GmbH	22/06/2017	3475139	17732122.1	
3476172	QUALCOMM Incorporated	22/06/2017	3476172	17734937.0	
3476367	Edwards Lifesciences Corporation	08/06/2009	3476367	18210484.4	
3476728	LEONARDO S.p.A.	31/10/2017	3476728	17199478.3	
3477116	Cryostar SAS	31/10/2017	3477116	17306506.1	

3477237	SHINKO ELECTRIC INDUSTRIES CO., LTD.	25/10/2018	3477237	18202658.3	
3477276	Mitutoyo Corporation	29/10/2018	3477276	18203148.4	
3477729	Zhuhai Zhi Li Battery Co., Ltd.	10/03/2014	3477729	18208740.3	
3479065	Audi AG	13/08/2018	3479065	18755786.3	German
3479374	Google LLC	02/06/2017	3479374	17729340.4	
3479500	QUALCOMM Incorporated	01/09/2017	3479500	17765550.3	
3481642	Bundesdruckerei GmbH	07/07/2017	3481642	17746381.7	German
3481656	Texa S.p.A.	02/08/2017	3481656	17761590.3	
3482556	Google LLC	28/07/2017	3482556	17749334.3	
3483371	U-Shin Italia S.p.A. U-Shin Deutschland Zugangssysteme GmbH	13/11/2017	3483371	17201366.6	
3485061	Koninklijke Philips N.V.	16/10/2017	3485061	17783871.1	
3486182	THEEGARTEN-PACTEC GMBH & CO. KG	08/08/2018	3486182	18188013.9	German
3486994	AISIN SEIKI KABUSHIKI KAISHA	16/11/2018	3486994	18206794.2	
3487687	Wacker Chemie AG	20/07/2016	3487687	16741028.1	German
3488376	Google LLC	21/09/2017	3488376	17780937.3	
3488732	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	17/04/2018	3488732	18167736.0	
3488733	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	02/05/2018	3488733	18170347.1	
3489029	KBA-Notasys SA	27/11/2017	3489029	17203882.0	
3489366	Precision Biosciences, Inc.	01/06/2012	3489366	18211367.0	
3489450	Novoferm Nederland B.V.	02/10/2018	3489450	18198312.3	German
3490151	Commissariat à l'Energie Atomique et aux Energies Alternatives	27/11/2018	3490151	18208678.5	
3490461	Essential Medical, Inc.	08/08/2017	3490461	17754921.9	
3493043	Samsung Electronics Co., Ltd.	10/07/2012	3493043	18213192.0	
3493495	Toec Technologly Co., Ltd.	15/05/2018	3493495	18172443.6	
3493891	Dr. Schneider Kunststoffwerke GmbH	20/03/2017	3493891	17712945.9	German
3497382	Sabancı Üniversitesi	09/08/2016	3497382	16784999.1	
3500154	Koninklijke Philips N.V.	18/08/2017	3500154	17755172.8	
3500432	Brother Kogyo Kabushiki Kaisha	31/07/2017	3500432	17751859.4	
3500536	Wacker Chemie AG	19/08/2016	3500536	16757212.2	German
3500971	Mitsubishi Electric Corporation	22/09/2016	3500971	16779237.3	

3501455	Edwards Lifesciences Corporation	08/06/2009	3501455	19154368.5	
3501825	Mitsubishi Gas Chemical Company, Inc. MGC Filsheet Co., Ltd.	17/08/2017	3501825	17841537.8	
3511684	Krohne Messtechnik GmbH	18/12/2018	3511684	18213293.6	German
3514117	Neozyme International, Inc.	24/05/2013	3514117	19160826.4	
3515697	Bridgestone Europe NV/SA	21/09/2017	3515697	17768814.0	
3520377	Carel Industries S.p.A.	17/09/2018	3520377	18786400.4	
3522324	Beegy GmbH	05/02/2018	3522324	18155109.4	German
3523831	Lumileds LLC	04/10/2017	3523831	17784801.7	
3526263	Evonik Operations GmbH	09/02/2018	3526263	18703333.7	
3530018	Telefonaktiebolaget LM Ericsson (PUBL)	21/10/2016	3530018	16788055.8	
3548792	Omron Europe B.V.	06/02/2019	3548792	19702303.9	

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1268365	Groupe Meac S.A.S.	20/03/2001	1268365	01913974.0	French
1305771	Lexis-Nexis	31/05/2001	1305771	01944190.6	
1386294	Freedom Card Limited	08/04/2002	1386294	02720185.4	
1556823	Harman Becker Automotive Systems GmbH	30/06/2003	1556823	03739329.5	
1568088	Blue Solutions Canada Inc. IPL INC.	27/11/2003	1568088	03776741.5	
1585947	Harman International Industries, Incorporated	02/05/2003	1585947	03747642.1	
1595418	INVT SPE LLC	17/02/2004	1595418	04711676.9	
1655351	Rohm and Haas Company	01/11/2005	1655351	05256749.2	
1658163	Solvay Specialty Polymers USA, LLC.	17/08/2004	1658163	04779443.3	
1658165	Solvay Specialty Polymers USA, LLC.	17/08/2004	1658165	04781335.7	
1661309	Nokia Technologies Oy	18/08/2004	1661309	04781666.5	
1673808	Taiwan Semiconductor Manufacturing Co., Ltd.	01/10/2004	1673808	04770151.1	
1688199	Diamet Corporation	24/11/2004	1688199	04819354.4	
1689835	ExxonMobil Chemical Patents Inc.	28/06/2004	1689835	04777226.4	
1772179	WAIWELDAI Anlagentechnik GmbH	25/08/2006	1772179	06017704.5	German
1778135	Simplify Medical Pty Ltd.	29/07/2005	1778135	05777414.3	
1779554	InterDigital Technology Corporation	21/07/2005	1779554	05776297.3	

1804971	BWT Aktiengesellschaft	14/10/2005	1804971	05796309.2	German
1812810	Leica Geosystems AG	04/11/2005	1812810	05815835.3	German
1833154	DAIKIN INDUSTRIES, LTD.	16/11/2005	1833154	05807043.4	
1866789	Trust Digital	28/02/2006	1866789	06736310.1	
1871927	Cree, Inc.	07/04/2006	1871927	06749958.2	
1878766	The University of Tokyo	28/04/2006	1878766	06745867.9	
1882273	Cree, Inc.	18/04/2006	1882273	06750425.8	
1894364	NXP B.V.	06/06/2006	1894364	06756062.3	
1899883	Giesecke+Devrient Mobile Security GmbH	26/06/2006	1899883	06754566.5	German
1912268	Novald GmbH	09/10/2006	1912268	06021123.2	German
1934151	Cardinal CG Company	10/10/2006	1934151	06816627.1	
1944893	Sharp Kabushiki Kaisha	31/10/2006	1944893	06822663.8	
1956996	PLANMECA OY	22/11/2006	1956996	06820090.6	
1969695	Panasonic Intellectual Property Management Co., Ltd.	20/02/2006	1969695	06714641.5	
1977608	LG Electronics, Inc.	09/01/2007	1977608	07700918.1	
1977610	LG Electronics Inc.	09/01/2007	1977610	07700921.5	
1998868	Westec Environmental Solutions, LLC	28/03/2007	1998868	07835717.5	
2005635	ASSA ABLOY AB	20/04/2006	2005635	06758515.8	
2012927	Doppstadt Familienholding GmbH	25/04/2007	2012927	07724578.5	German
2025306	Saint Joseph Research Institute	21/04/2008	2025306	08007717.5	
2037705	Qualcomm Incorporated	28/03/2008	2037705	08153622.9	
2037720	INDUCTOTHERM CORP.	05/09/2008	2037720	08163825.6	
2039658	Kubinger, Ulrich	09/09/2008	2039658	08450130.3	German
2055026	Nokia Technologies Oy	21/08/2007	2055026	07789661.1	
2057679	Vishay General Semiconductor LLC	10/08/2007	2057679	07811243.0	
2065142	HILTI Aktiengesellschaft	06/11/2008	2065142	08105741.6	German
2069821	SUPERSONIC IMAGINE	03/08/2007	2069821	07823682.5	French
2070057	Giesecke+Devrient Currency Technology GmbH	18/09/2007	2070057	07818229.2	German
2074458	Corning Research & Development Corporation	13/09/2007	2074458	07842422.3	
2077878	TecPharma Licensing AG	11/05/2007	2077878	07720138.2	German
2084874	LG Electronics Inc.	02/11/2007	2084874	07833838.1	
2088338	PENN Automotive, Inc.	05/02/2009	2088338	09001592.6	
2089078	Medela Holding AG	11/10/2007	2089078	07852646.4	

2090787	Daikin Industries, Ltd.	07/11/2007	2090787	07831348.3	
2091655	CENTRE D'ETUDES ET DES RECHERCHES DES PHOSPHATES MINÉRAUX (CERPHOS) KAO CORPORATION, S.A.	28/11/2007	2091655	07847440.0	
2092419	IP Reservoir, LLC	12/11/2007	2092419	07845064.0	
2095184	OSRAM GmbH	08/11/2007	2095184	07819697.9	German
2096318	Daikin Industries, Ltd.	12/11/2007	2096318	07831608.0	
2101463	QUALCOMM Incorporated	22/05/2007	2101463	09156760.2	
2108106	Simplehuman LLC	01/02/2008	2108106	08714179.2	
2111988	manroland Goss web systems GmbH	23/04/2009	2111988	09158632.1	German
2119144	Koninklijke Philips N.V.	10/01/2008	2119144	08702390.9	
2119171	Unlimi-Tech Software Inc.	24/01/2008	2119171	08706300.4	
2122852	Lingna Holdings Pte., LLC	28/02/2008	2122852	08762684.2	
2142921	Centre Hospitalier de l'Université de Montréal	10/04/2008	2142921	08748117.2	
2152580	The Boeing Company	02/05/2008	2152580	08747516.6	
2153428	Rosemount Tank Radar AB	06/05/2008	2153428	08767126.9	
2153673	Tyco Fire & Security GmbH	30/04/2008	2153673	08738283.4	
2160708	Visa U.S.A. Inc.	29/05/2008	2160708	08769787.6	
2160836	Huf Hülsbeck & Fürst GmbH & Co. KG	17/06/2008	2160836	08761117.4	German
2161765	Nichia Corporation	08/09/2009	2161765	09169701.1	
2171504	Webster Capital LLC	17/07/2008	2171504	08786224.9	French
2173118	Sony Corporation	13/08/2008	2173118	08830660.0	
2175679	Qualcomm Incorporated	30/11/2006	2175679	10152153.2	
2176953	Advanced Analogic Technologies Incorporated	05/08/2008	2176953	08797220.4	
2177389	TOYOTA JIDOSHA KABUSHIKI KAISHA Aisin AW Co., Ltd.	04/08/2008	2177389	08792359.5	
2177769	MAHLE Behr GmbH & Co. KG	15/10/2009	2177769	09013061.8	German
2180872	SAN-EI GEN F.F.I., INC. RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED	29/07/2008	2180872	08788237.9	
2186064	Robert Bosch GmbH	28/05/2008	2186064	08760121.7	German
2189374	Safran Landing Systems	03/11/2009	2189374	09290834.2	French

2189777	Hoya Corporation	29/08/2008	2189777	08828644.8	
2190038	LG Innotek Co., Ltd.	24/11/2009	2190038	09014601.0	
2195170	Videojet Technologies, Inc.	09/10/2008	2195170	08806561.0	
2196890	Samsung Electronics Co., Ltd.	09/11/2009	2196890	09175433.3	
2202005	Musashi Engineering, Inc.	29/09/2008	2202005	08836355.1	
2202862	Senvion GmbH	30/11/2009	2202862	09014851.1	German
2210318	Oewaves, Inc.	13/11/2008	2210318	08848683.2	
2210695	Nippon Steel Corporation	22/10/2008	2210695	08848305.2	
2218042	Varcode Ltd.	13/11/2008	2218042	08848845.7	
2221956	Daikin Industries, Ltd.	12/11/2008	2221956	08851010.2	
2225410	Smartpolymer GmbH	11/11/2008	2225410	08850754.6	German
2226621	Tetra Laval Holdings & Finance S.A.	05/03/2009	2226621	09154474.2	
2228726	Deutsche Telekom AG	11/03/2010	2228726	10002569.1	
2245269	McVan Aerospace, Llc	12/01/2009	2245269	09700196.0	
2251155	The Stanley Works Israel Ltd.	14/05/2010	2251155	10162878.2	
2257837	Landmark Graphics Corporation, A Halliburton Company	17/03/2009	2257837	09724663.1	
2259742	AquaBeam LLC	06/03/2009	2259742	09718273.7	
2259895	Esab AB	13/03/2009	2259895	09718913.8	
2262358	Radio Systems Corporation	09/04/2009	2262358	09731369.6	
2266064	Amazon Technologies, Inc.	31/03/2009	2266064	09729072.0	
2272443	Covidien LP	09/07/2010	2272443	10251240.7	
2275912	LG ELECTRONICS INC.	13/11/2009	2275912	09014250.6	
2276352	Montana Microbial Products, Inc. The Regents Of The University Of Idaho The United States of America, as represented by the Secretary of Agriculture	15/04/2009	2276352	09732865.2	
2276598	Seco Tools AB	26/03/2009	2276598	09732147.5	
2276611	The Gillette Company LLC	13/05/2009	2276611	09751201.6	
2277208	The Boeing Company	20/02/2009	2277208	09730689.8	
2278277	Mitutoyo Corporation	09/07/2010	2278277	10169027.9	
2280430	Seoul Semiconductor Co., Ltd.	26/10/2005	2280430	10191192.3	
2285578	Hewlett-Packard Development Company, L.P.	25/05/2008	2285578	08756265.8	
2291607	EM Microelectronic-Marin SA	11/06/2009	2291607	09765792.8	French

2292565	Vitro Global, S.A.	06/03/2003	2292565	10178956.8	
2298720	Suppes, Galen J. The Curators of the University of Missouri Renewable Alternatives LLC	24/03/2005	2298720	10184100.5	
2299537	BlackBerry Limited	16/04/2007	2299537	10194345.4	
2299810	Bausch Health Ireland Limited	03/06/2009	2299810	09758748.9	
2301654	Mitsubishi Chemical Corporation	21/05/2009	2301654	09750641.4	
2303534	VIVE TEXTILE RECYCLING Spolka z.o.o.	03/06/2009	2303534	09758549.1	
2304981	Microsoft Technology Licensing, LLC	22/07/2009	2304981	09800936.8	
2310447	Roquette Frères	17/07/2009	2310447	09737081.1	French
2311251	Microsoft Technology Licensing, LLC	03/08/2008	2311251	08789739.3	
2318850	Lemförder-Electronic GmbH	12/08/2009	2318850	09744592.8	German
2320754	Arivine Pharma AG Teslenko, Alexander	22/07/2009	2320754	09748696.3	German
2321057	M-I L.L.C.	05/06/2009	2321057	09759531.8	
2324522	Bombardier Transportation GmbH	17/09/2009	2324522	09778719.6	German
2324788	Covidien LP	17/11/2010	2324788	10014705.7	
2325869	Cree, Inc.	16/03/2006	2325869	10196317.1	
2325913	Ecole Polytechnique Fédérale de Lausanne (EPFL)	21/03/2007	2325913	11157937.1	
2326014	Fujitsu Limited	03/11/2010	2326014	10189814.6	
2326365	Calibra Medical LLC	18/08/2009	2326365	09808725.7	
2326959	Continental Automotive GmbH	08/09/2009	2326959	09782779.4	German
2327094	Micron Technology, Inc.	10/09/2009	2327094	09813621.1	
2328203	Panasonic Intellectual Property Management Co., Ltd.	31/08/2009	2328203	09811262.6	
2329643	DISH Technologies L.L.C.	22/09/2009	2329643	09792841.0	
2331934	Pacific Biosciences of California, Inc.	15/09/2009	2331934	09814888.5	
2332077	Microsoft Technology Licensing, LLC	27/08/2009	2332077	09818187.8	
2333170	Wavin B.V.	26/11/2009	2333170	09014740.6	
2333416	United Technologies Corporation	29/11/2010	2333416	10252019.4	
2335756	Dentalhitec	29/11/2010	2335756	10192874.5	French
2340617	Telefonaktiebolaget LM Ericsson (publ)	28/04/2009	2340617	09779375.6	
2342638	Microsoft Technology Licensing, LLC	16/10/2009	2342638	09822481.9	
2343505	Liebherr-Werk Ehingen GmbH	29/11/2010	2343505	10015102.6	German

2344993	Electricité de France	30/09/2009	2344993	09817297.6	French
2347587	Google Technology Holdings LLC	22/10/2009	2347587	09826518.4	
2347607	Nokia Technologies Oy	12/11/2009	2347607	09825818.9	
2349065	White Implants Development Corp	02/11/2009	2349065	09768430.2	
2349415	Becton, Dickinson and Company	06/11/2009	2349415	09825131.7	
2350425	Saipem S.p.A.	17/11/2009	2350425	09756302.7	
2351172	Ricoh Company, Ltd.	24/11/2009	2351172	09829185.9	
2351394	Samsung Electronics Co., Ltd.	27/11/2009	2351394	09829342.6	
2352035	ARKRAY, Inc.	22/07/2009	2352035	09800418.7	
2352332	Panasonic Intellectual Property Corporation of America	19/10/2009	2352332	09823254.9	
2352542	Boston Scientific Scimed, Inc.	13/11/2009	2352542	09826866.7	
2354843	Axis AB	09/02/2010	2354843	10153060.8	
2356209	Becton, Dickinson and Company	12/11/2009	2356209	09826765.1	
2357322	General Electric Company	27/01/2011	2357322	11152436.9	
2358397	Ionis Pharmaceuticals, Inc.	23/10/2009	2358397	09744015.0	
2359515	QUALCOMM Incorporated	20/11/2009	2359515	09774774.5	
2362976	The Boeing Company	18/09/2009	2362976	09736519.1	
2363975	VERIMATRIX	23/02/2011	2363975	11001491.7	French
2364467	AIRBUS (SAS)	16/11/2009	2364467	09756297.9	French
2365601	Schleifring GmbH	24/02/2011	2365601	11155787.2	German
2368182	Citrix Systems, Inc.	19/11/2009	2368182	09795594.2	
2372094	United Technologies Corporation	04/04/2011	2372094	11161061.4	
2384637	Tipper Tie technopack GmbH	06/05/2011	2384637	11003740.5	German
2391667	Arkema France	02/02/2010	2391667	10708264.6	French
2391792	Rytec Corporation	28/01/2010	2391792	10736395.4	
2392867	METRONA Union GmbH	11/05/2011	2392867	11003877.5	German
2392940	THALES	27/05/2011	2392940	11167878.5	French
2396705	Ricoh Company Ltd.	05/11/2009	2396705	09840039.3	
2396813	International Business Machines Corporation	22/01/2010	2396813	10701234.6	
2398613	Seco Tools AB	19/02/2010	2398613	10744031.5	
2400153	General Electric Company	21/06/2011	2400153	11170660.2	
2403009	Hamamatsu Photonics K.K.	09/02/2010	2403009	10746082.6	
2404799	Haldex Brake Products Corporation	09/05/2011	2404799	11003794.2	
2406860	Huawei Technologies Co., Ltd.	12/03/2010	2406860	10710409.3	
2408995	Impact Selector Limited	15/03/2010	2408995	10709568.9	

2409094	BSH Hausgeräte GmbH	18/02/2010	2409094	10704567.6	German
2409257	Microsoft Technology Licensing, LLC	09/03/2010	2409257	10753892.8	
2420283	B. Braun Melsungen AG	02/11/2007	2420283	11007265.9	
2420848	SYSMEX CORPORATION	17/08/2011	2420848	11177755.3	
2422163	Raytheon Company	20/04/2010	2422163	10797472.7	
2427845	Nokia Solutions and Networks Oy	04/05/2009	2427845	09776580.4	
2429451	Medtronic Vascular Inc.	31/03/2010	2429451	10712643.5	
2429715	Ovivo Luxembourg S.Å.R.L	08/05/2009	2429715	09844427.6	
2430757	Synaptics Incorporated	12/05/2010	2430757	10775499.6	
2432991	LM Wind Power A/S	18/05/2010	2432991	10720912.4	
2434100	United Technologies Corporation	26/09/2011	2434100	11182788.7	
2434533	Soitec	02/08/2011	2434533	11176277.9	French
2434957	Shenzhen Mindray Bio-Medical Electronics Co., Ltd.	25/05/2010	2434957	10780130.0	
2436170	Apple Inc.	19/05/2010	2436170	10721895.0	
2437164	Brother Kogyo Kabushiki Kaisha	27/09/2011	2437164	11182978.4	
2437892	Intresco B.V.	04/06/2010	2437892	10737121.3	
2438981	SK Innovation Co., Ltd.	10/02/2010	2438981	10783505.0	
2442353	Soitec	06/10/2011	2442353	11184093.0	French
2442797	The United States of America as represented by the Secretary, Department of Health and Human Services Wayne State University	10/06/2010	2442797	10789963.5	
2443516	Nikon Corporation	21/06/2010	2443516	10731613.5	
2445124	ADVA Optical Networking SE	19/11/2010	2445124	10191959.5	
2445288	Huawei Technologies Co., Ltd.	19/04/2010	2445288	10788689.7	
2446103	National Oilwell Varco, L.P.	25/06/2010	2446103	10792710.5	
2446669	Deutsche Telekom AG	15/06/2010	2446669	10729782.2	
2448014	Samsung Electronics Co., Ltd.	09/09/2011	2448014	11180652.7	
2449359	The Governors of the University of Alberta	02/07/2010	2449359	10793465.5	
2449934	BSH Hausgeräte GmbH	24/10/2011	2449934	11186312.2	German
2450131	United Technologies Corporation	04/11/2011	2450131	11187814.6	
2450431	Kaneka Corporation	28/06/2010	2450431	10794105.6	
2450656	United Technologies Corporation	04/11/2011	2450656	11187917.7	
2452221	Howard Hughes Medical Institute	09/07/2010	2452221	10737408.4	

2456270	Sun Patent Trust	16/07/2010	2456270	10799647.2	
2457507	eesy-innovation GmbH	24/11/2010	2457507	10192472.8	German
2457709	Intercos S.p.A.	22/11/2011	2457709	11190120.3	
2460146	Movea	29/07/2010	2460146	10737901.8	French
	Commissariat à l'Énergie Atomique et aux Énergies Alternatives				
2463074	Nakagawa Sangyo Co., Ltd.	02/08/2010	2463074	10806416.3	
2464279	Integra LifeSciences Switzerland Sàrl	12/08/2010	2464279	10759714.8	
2465164	Saint-Gobain Glass France	30/07/2010	2465164	10739601.2	German
2470209	Biotest AG	30/11/2010	2470209	10788050.2	
2470288	Alper, Hal	27/08/2010	2470288	10823718.1	
2470735	SimonsVoss Technologies GmbH	27/08/2010	2470735	10755119.4	German
2471013	Amadeus S.A.S.	23/08/2010	2471013	10771670.6	
2472088	PSA Automobiles SA	30/11/2011	2472088	11191355.4	French
2473325	Faurecia Intérieur Industrie	25/08/2010	2473325	10763746.4	French
2476018	Corning Incorporated	02/09/2010	2476018	10750224.7	
2476799	Mitsubishi Chemical Corporation	08/09/2010	2476799	10815379.2	
2477443	China Mobile Communications Corporation	09/09/2010	2477443	10814873.5	
2479596	MBDA France	17/01/2012	2479596	12290021.0	French
2480756	Baker Hughes, a GE company, LLC	21/09/2010	2480756	10819337.6	
2482396	NGK SPARK PLUG CO., LTD.	23/06/2010	2482396	10818513.3	
2483376	VALLOUREC OIL AND GAS FRANCE Nippon Steel Corporation	21/09/2010	2483376	10757734.8	
2483573	Pfenning Elektroanlagen GmbH	22/09/2010	2483573	10765373.5	German
2484494	Festool GmbH	15/12/2011	2484494	11009876.1	German
2486505	Thales Dis France SA	01/10/2010	2486505	10760347.4	
2486996	Doosan Machine Tools Co., Ltd.	08/10/2010	2486996	10822271.2	
2487613	Sony Corporation	08/02/2012	2487613	12154549.5	
2488985	McAfee, LLC	15/10/2010	2488985	10824187.8	
2492885	DISH Technologies L.L.C.	28/02/2012	2492885	12157367.9	
2493440	DSG Technology Holdings Ltd.	28/10/2010	2493440	10828653.5	
2495412	TOYOTA JIDOSHA KABUSHIKI KAISHA	27/10/2009	2495412	09850821.1	
2496897	Carrier Corporation	14/10/2010	2496897	10771276.2	
2497152	Allflex Usa, Inc.	03/11/2010	2497152	10829039.6	

2497197	Samsung Electronics Co., Ltd.	01/11/2010	2497197	10827157.8	
2497927	UD Trucks Corporation	02/11/2010	2497927	10828283.1	
2498346	Yazaki Corporation	05/11/2010	2498346	10828364.9	
2498564	QUALCOMM Incorporated	20/03/2006	2498564	12004257.7	
2499236	Technion Research & Development Foundation Ltd.	11/11/2010	2499236	10829622.9	
2499809	Samsung Electronics Co., Ltd.	08/11/2010	2499809	10828565.1	
2500653	General Electric Company	13/03/2012	2500653	12159288.5	
2502057	Netzsch Gerätebau GmbH	17/11/2010	2502057	10818070.4	German
2502375	Qualcomm Incorporated	17/11/2010	2502375	10787937.1	
2504674	Bizerba SE & Co. KG	08/11/2010	2504674	10773353.7	German
2505277	Nippon Steel Corporation	18/11/2010	2505277	10833136.4	
2506173	Canon Kabushiki Kaisha	13/03/2012	2506173	12159162.2	
2506520	BlackBerry Limited	30/03/2011	2506520	11160526.7	
2512051	LG Electronics Inc.	30/03/2011	2512051	11763024.4	
2514101	LG Electronics Inc.	19/11/2010	2514101	10837789.6	
2514529	Sharp Life Science (EU) Limited	20/04/2012	2514529	12164906.5	
2517953	Kawasaki Jukogyo Kabushiki Kaisha	26/11/2010	2517953	10839133.5	
2518194	Mitsui Chemicals, Inc.	25/11/2005	2518194	12177605.8	
2518694	thyssenkrupp Marine Systems GmbH	28/03/2012	2518694	12161789.8	German
2522573	The Boeing Company	29/03/2012	2522573	12162003.3	
2525402	ALSTOM Transport Technologies	15/05/2012	2525402	12168045.8	French
2527634	TOYOTA JIDOSHA KABUSHIKI KAISHA	18/01/2010	2527634	10843065.3	
2528499	Edwards Lifesciences Corporation	28/01/2011	2528499	11737698.8	
2528527	Medtronic Cryocath LP	21/01/2011	2528527	11736556.9	
2529771	Fresenius Medical Care Holdings, Inc.	22/11/2010	2529771	12181761.3	
2530861	Arris Group, Inc.	10/08/2011	2530861	11177058.2	
2538870	3M Innovative Properties Company	02/02/2011	2538870	11747841.2	
2539681	Robert Bosch GmbH	04/01/2011	2539681	11700518.1	German
2540000	Industry-University Cooperation Foundation Hanyang University	28/02/2011	2540000	11747769.5	
2540010	THALES	09/02/2011	2540010	11702259.0	French
2540696	Diffusion Pharmaceuticals LLC	24/02/2006	2540696	12166293.6	
2542618	Huntsman Advanced Materials Americas LLC	02/03/2011	2542618	11751252.5	
2543087	Guardian Glass, LLC	18/01/2011	2543087	11704341.4	

2543567	Voith Patent GmbH	16/06/2012	2543567	12004545.5	German
2544370	NXP B.V.	06/07/2011	2544370	11172918.2	
2544716	Boehringer Ingelheim Animal Health USA Inc.	11/03/2011	2544716	11709301.3	
2546037	Ellison Educational Equipment, Inc.	13/07/2012	2546037	12005183.4	
2547915	Eaton Corporation	16/03/2011	2547915	11712093.1	
2548505	Anaxsys Technology Limited	20/07/2007	2548505	12188800.2	
2548786	Aebi Schmidt Deutschland GmbH	20/07/2012	2548786	12005305.3	German
2549222	Mitutoyo Corporation	20/07/2012	2549222	12005334.3	
2550576	Sony Corporation	22/03/2011	2550576	11710748.2	
2550798	ML Netherlands C.V.	14/03/2011	2550798	11707687.7	
2554235	NGK Insulators, Ltd.	30/03/2011	2554235	11765670.2	
2558842	Advanced Sensors Limited	14/04/2011	2558842	11715221.5	
2558939	Apple Inc.	11/04/2011	2558939	11717074.6	
2559134	LG Chem, Ltd.	18/04/2011	2559134	11769133.7	
2559834	Bombardier Transportation GmbH	16/08/2012	2559834	12180698.8	German
2560941	INVISTA Textiles (U.K.) Limited	16/03/2011	2560941	11759930.8	
2561375	Megin Oy	24/03/2011	2561375	11758880.6	
2561632	Abdi, Ali	18/04/2011	2561632	11772506.9	
2564299	Microsoft Technology Licensing, LLC	25/04/2011	2564299	11775487.9	
2564516	Samsung Electronics Co., Ltd.	28/04/2011	2564516	11775280.8	
2564551	Samsung Electronics Co., Ltd.	26/04/2011	2564551	11775242.8	
2565685	Halliburton Energy Services Inc.	21/08/2012	2565685	12181124.4	
2569154	3A Composites International AG	12/05/2011	2569154	11724365.9	German
2570214	Ayabo Corporation	10/05/2011	2570214	11780627.3	
2570287	ROBERT BOSCH GMBH	26/07/2012	2570287	12178069.6	German
2571724	Convertible Trailer Patent Company Ltd.	18/05/2010	2571724	10851544.6	
2572897	KAWASAKI JUKOGYO KABUSHIKI KAISHA	17/09/2012	2572897	12184649.7	
2573668	Samsung Electronics Co., Ltd.	19/09/2012	2573668	12185027.5	
2574786	Kabushiki Kaisha Toyota Jidoshokki Tokyu Co., Ltd. Kabushiki Kaisha Toyota Chuo Kenkyusho	25/09/2012	2574786	12185779.1	
2581035	Kabushiki Kaisha Topcon	23/08/2012	2581035	12006033.0	

2581515	Holzbau Schmid GmbH & Co. KG Etex Building Performance GmbH	10/09/2012	2581515	12006359.9	German
2581658	GEO France Finance SAS Oya Light SAS	15/10/2012	2581658	12188574.3	French
2581913	Korea Hydro & Nuclear Power Co., Ltd. Korea Power Engineering Company, Inc.	23/06/2010	2581913	10853285.4	
2582923	Safran Helicopter Engines	14/06/2011	2582923	11735492.8	French
2583479	Qualcomm Incorporated	16/06/2011	2583479	11757437.6	
2587063	Nordson Corporation	31/10/2012	2587063	12190804.0	
2587193	LG Electronics Inc.	07/05/2012	2587193	12166999.8	
2588162	Sanofi-Aventis Deutschland GmbH	21/06/2011	2588162	11726441.6	
2588177	St. Michael's Hospital	29/06/2011	2588177	11800020.7	
2589752	United Technologies Corporation	01/11/2012	2589752	12191003.8	
2589755	United Technologies Corporation	01/11/2012	2589755	12190940.2	
2589781	United Technologies Corporation	26/10/2012	2589781	12190239.9	
2589782	United Technologies Corporation	01/11/2012	2589782	12190996.4	
2589834	Honeywell International Inc.	29/08/2012	2589834	12182279.5	
2590644	Beth Israel Deaconess Medical Center, Inc. Société des Produits Nestlé S.A.	05/07/2011	2590644	11729629.3	
2591330	Teknologian tutkimuskeskus VTT Oy	06/07/2011	2591330	11803197.0	
2591431	GE Sensing & Inspection Technologies GmbH	09/07/2010	2591431	10730730.8	
2592542	Samsung Electronics Co., Ltd.	09/11/2012	2592542	12192124.1	
2592733	NIDEC MOTORS & ACTUATORS (Germany) GmbH	22/10/2012	2592733	12189375.4	
2592787	Avago Technologies International Sales Pte. Limited	25/09/2012	2592787	12006691.5	
2594454	NSK Ltd.	14/07/2011	2594454	11775902.7	
2594898	Sondex Wireline Limited	14/11/2012	2594898	12192639.8	
2595176	Taiwan Semiconductor Manufacturing Company, Ltd.	17/05/2006	2595176	13155284.6	
2595259	Forschungsverbund Berlin e.V.	06/11/2012	2595259	12191454.3	German
2596346	SGS North America Inc.	18/07/2011	2596346	11741358.3	
2597258	General Electric Company	21/11/2012	2597258	12193666.0	

2597364	SL Corporation	19/11/2012	2597364	12007798.7	
2597459	Keyence Corporation	15/11/2012	2597459	12192748.7	
2598983	Nokia Technologies Oy	25/08/2011	2598983	11821164.8	
2602239	Diehl Defence GmbH & Co. KG	28/11/2012	2602239	12007978.5	German
2602849	Samsung SDI Co., Ltd.	07/12/2012	2602849	12196102.3	
2603763	Lufkin Industries, LLC	09/08/2011	2603763	11816914.3	
2605157	SAP SE	17/08/2012	2605157	12005938.1	
2606515	OSRAM Opto Semiconductors GmbH	04/08/2011	2606515	11748330.5	German
2607983	Samsung Electronics Co., Ltd.	07/11/2012	2607983	12191579.7	
2608673	Dow AgroSciences LLC	23/08/2011	2608673	11820509.5	
2610493	Furukawa Industrial Machinery Systems Co., Ltd.	11/08/2011	2610493	11819561.9	
2610902	LINTEC Corporation	28/07/2011	2610902	11819740.9	
2612445	Samsung Electronics Co., Ltd.	31/08/2011	2612445	11822132.4	
2613357	Vanguard International Semiconductor Corporation	15/05/2012	2613357	12168146.4	
2616799	Siemens Aktiengesellschaft	14/09/2011	2616799	11757301.4	
2617112	Roxtec AB	13/09/2011	2617112	11760442.1	
2617134	Xieon Networks S.à r.l.	16/09/2011	2617134	11757332.9	
2618208	Mitsubishi Gas Chemical Company, Inc. MGC Filsheet Co., Ltd.	08/08/2011	2618208	11824927.5	
2620556	Kobelco Construction Machinery Co., Ltd.	06/09/2011	2620556	11826551.1	
2621046	General Electric Company	25/01/2012	2621046	12152479.7	
2621566	Bracco Imaging S.p.A.	29/09/2011	2621566	11763663.9	
2622407	Gauzy Ltd.	26/09/2011	2622407	11776913.3	
2622532	BAE Systems Information Solutions Inc.	29/09/2011	2622532	11833093.5	
2623543	Daikin Industries, Ltd.	29/09/2011	2623543	11829310.9	
2625930	Tridonic GmbH & Co KG	14/09/2011	2625930	11763885.8	German
2626411	National University Corporation Tokyo Medical and Dental University LSI Medience Corporation	30/09/2011	2626411	11829373.7	
2629565	ZTE Corporation	01/04/2011	2629565	11831956.5	
2630426	BSH Hausgeräte GmbH	19/10/2011	2630426	11774019.1	
2630928	Covidien LP	22/02/2013	2630928	13156293.6	

2631925	Kemet Electronics Corporation	27/02/2013	2631925	13157059.0	
2631938	LINTEC Corporation	28/07/2011	2631938	11834110.6	
2632553	Pacira Pharmaceuticals, Inc.	27/10/2011	2632553	11837126.9	
2633149	Baker Hughes, a GE company, LLC	17/10/2011	2633149	11836867.9	
2633307	Fresenius Medical Care Deutschland GmbH	18/10/2011	2633307	11771036.8	German
2634025	Magna Steyr Fahrzeugtechnik AG & Co KG Magna Car Top Systems GmbH	27/02/2013	2634025	13157054.1	German
2634166	The Chemours Company FC, LLC	07/05/2009	2634166	13169901.9	
2635181	CardioInsight Technologies, Inc.	03/11/2011	2635181	11838817.2	
2635677	Catalyst Biosciences, Inc.	03/11/2011	2635677	11781973.0	
2636109	Biolase, Inc.	27/10/2011	2636109	11838570.7	
2636163	Qualcomm Incorporated	03/11/2011	2636163	11785225.1	
2637729	Reed, Michael Clark	10/11/2011	2637729	11839001.2	
2638367	Endress+Hauser Flowtec AG	20/10/2011	2638367	11771172.1	German
2638769	SCA IPLA Holdings Inc.	28/10/2011	2638769	11781838.5	
2639533	Samsung Electronics Co., Ltd.	18/03/2013	2639533	13159691.8	
2639656	Graham S.A.	13/03/2012	2639656	12159349.5	French
2639975	LG Electronics Inc.	08/11/2011	2639975	11840537.2	
2641210	Eaton Intelligent Power Limited	16/11/2011	2641210	11815439.2	German
2642920	Feather Sensors LLC	23/11/2011	2642920	11805947.6	
2643112	MTU Aero Engines AG	10/11/2011	2643112	11843009.9	German
2643129	WENZEL Präzision GmbH	22/11/2011	2643129	11794027.0	German
2643656	VALLOUREC OIL AND GAS FRANCE NIPPON STEEL CORPORATION	15/11/2011	2643656	11799148.9	
2643688	Bruker AXS GmbH	23/11/2011	2643688	11822888.1	German
2643833	Nokia Technologies Oy	26/11/2010	2643833	10860073.5	
2643860	The University of Surrey	21/11/2011	2643860	11784685.7	
2645176	Brother Kogyo Kabushiki Kaisha	20/03/2013	2645176	13160081.9	
2646769	Hewlett-Packard Development Company, L.P.	29/11/2010	2646769	10860388.7	
2647863	Dacc Carbon	28/11/2011	2647863	11844815.8	
2650960	LG Chem, Ltd.	05/01/2012	2650960	12739630.7	
2653215	Honeywell Technologies Sarl	20/04/2012	2653215	12164978.4	
2653915	Compound Photonics Limited	01/06/2007	2653915	13163380.2	

2654202	Telefonaktiebolaget LM Ericsson (publ)	19/04/2012	2654202	12164771.3	
2656393	Intel Corporation	30/09/2011	2656393	11852027.9	
2656499	Tidal Generation Limited	10/11/2011	2656499	11784756.6	
2662635	Miele & Cie. KG	10/05/2012	2662635	12401088.5	German
2662763	LG Electronics Inc.	27/11/2012	2662763	12007971.0	
2665557	Biodot, Inc.	20/01/2012	2665557	12735970.1	
2666663	Faurecia Automotive Seating, LLC	27/05/2013	2666663	13169394.7	
2666683	Hitachi Construction Machinery Co., Ltd.	19/01/2012	2666683	12736064.2	
2667352	Stryker European Holdings I, LLC	23/05/2012	2667352	12169104.2	
2667789	Sportwelding GmbH	26/01/2012	2667789	12705223.1	
2668362	Baker Hughes, a GE company, LLC	27/01/2012	2668362	12739141.5	
2669104	Manitowoc Crane Group France SAS	17/04/2013	2669104	13164125.0	German
2669136	Bombardier Transportation GmbH	30/05/2012	2669136	12170114.8	
2670044	ZIEHL-ABEGG SE	31/05/2012	2670044	12004177.7	German
2670960	3M Innovative Properties Company	31/01/2012	2670960	12704973.2	
2671303	Samsung Electronics Co., Ltd.	31/01/2012	2671303	12742072.7	
2671526	Covidien LP	06/06/2013	2671526	13170927.1	
2672147	TQ-Systems GmbH	30/03/2010	2672147	13177924.1	
2672804	KUHN S.A.	09/02/2012	2672804	12708884.7	French
2673787	TDK Electronics AG	02/02/2012	2673787	12701912.3	German
2673946	VOYAGER INNOVATIONS HOLDINGS PTE. LTD.	03/02/2012	2673946	12744959.3	
2674147	Allergan Industrie, SAS	02/03/2009	2674147	13004017.3	
2674887	F. Hoffmann-La Roche AG	13/06/2012	2674887	12171721.9	
2675205	NETGEAR, INC.	14/06/2013	2675205	13172162.3	
2675355	NIKE Innovate C.V.	17/02/2012	2675355	12710816.5	
2676364	Qualcomm Incorporated	14/02/2012	2676364	12705943.4	
2677229	Hamilton Sundstrand Corporation	10/06/2013	2677229	13171292.9	
2677418	Seiko Epson Corporation	17/06/2013	2677418	13172202.7	
2678470	Andritz Inc.	13/02/2012	2678470	12709192.4	
2678727	Prysmian S.p.A.	07/02/2012	2678727	12702282.0	
2679434	NTN Corporation	10/02/2012	2679434	12750003.1	
2679856	Bridgestone Corporation	23/02/2012	2679856	12749106.6	
2680279	Ralec Electronic Corporation	19/03/2013	2680279	13159913.6	
2682537	Gaugler & Lutz oHG	29/05/2013	2682537	13169599.1	German
2684268	ABB Schweiz AG	11/03/2011	2684268	11707869.1	

2684752	Goodrich Corporation	14/03/2013	2684752	13159227.1	
2685389	Pijin Co. Ltd.	02/04/2012	2685389	12833954.6	
2685423	BlackBerry Limited	14/01/2013	2685423	13151113.1	
2685586	LG Chem, Ltd.	02/11/2011	2685586	11864566.2	
2688141	BlackBerry Limited	19/07/2012	2688141	12177197.6	
2688519	Alphatec Spine, Inc.	08/03/2012	2688519	12760208.4	
2690870	LG Electronics Inc.	21/03/2012	2690870	12760302.5	
2694725	RGE Pte Ltd.	09/04/2012	2694725	12729192.0	
2697285	RHODIA OPERATIONS	12/04/2012	2697285	12713735.4	French
2697515	WILO SE	21/05/2012	2697515	12722683.5	German
2698210	SMS Concast AG	15/08/2012	2698210	12005888.8	German
2699843	IDEAL Industries Lighting LLC	29/03/2012	2699843	12714154.7	
2700478	Makita Corporation	17/04/2012	2700478	12773927.4	
2701252	Mitsubishi Electric Corporation	25/06/2012	2701252	12864678.3	
2701425	China Academy of Telecommunications Technology	31/03/2012	2701425	12774811.9	
2702172	Aarhus Universitet	30/04/2012	2702172	12724283.2	
2704199	IMEC VZW Taiwan Semiconductor Manufacturing Company, Limited	03/09/2012	2704199	12182800.8	
2708060	VOYAGER INNOVATIONS HOLDINGS PTE. LTD.	09/05/2012	2708060	12782695.6	
2708398	Magna Car Top Systems GmbH	09/09/2013	2708398	13183571.2	German
2708885	Spirax-Sarco Limited	06/09/2013	2708885	13183340.2	
2708966	FANUC CORPORATION	30/08/2013	2708966	13182506.9	
2709394	Huawei Technologies Co., Ltd.	11/06/2012	2709394	12796362.7	
2709463	Burcon Nutrascience (MB) Corp.	18/05/2012	2709463	12786275.3	
2709820	KHS GmbH KHS Corpoplast GmbH	17/04/2012	2709820	12717052.0	German
2709965	Sika Technology AG	15/05/2012	2709965	12722135.6	French
2710866	Ecolab USA Inc.	18/05/2012	2710866	12789830.2	
2711689	Konica Minolta, Inc.	23/04/2012	2711689	12785616.9	
2711859	Winbond Electronics Corp.	18/09/2013	2711859	13185013.3	
2713241	Immersion Corporation	15/07/2013	2713241	13176551.3	
2713489	Siemens Aktiengesellschaft	27/09/2012	2713489	12186322.9	German
2714162	Boehringer Ingelheim International GmbH	21/05/2012	2714162	12721548.1	German

2714263	Northwestern University	24/05/2012	2714263	12724514.0	
2714729	Klinikum rechts der Isar der Technischen Universität München	23/05/2012	2714729	12723190.0	
2714828	Adhesifs et Composites Polymers	26/03/2012	2714828	12721325.4	French
2715021	Prämeta GmbH & Co. KG	18/05/2012	2715021	12722359.2	German
2715050	Interwell Technology AS	31/05/2012	2715050	12724346.7	
2715751	W.L. Gore & Associates, Inc.	01/06/2012	2715751	12727503.0	
2715938	Telefonaktiebolaget LM Ericsson (publ)	11/05/2012	2715938	12719761.4	
2716922	Mitsubishi Heavy Industries, Ltd.	11/11/2009	2716922	13197386.9	
2716929	Nippon Steel Corporation Railway Technical Research Institute Fine Sinter Co., Ltd.	31/05/2012	2716929	12792495.9	
2717264	Samsung Electronics Co., Ltd.	01/06/2012	2717264	12791983.5	
2717564	Huawei Technologies Co., Ltd.	17/08/2012	2717564	12868100.4	
2719000	Robert Bosch GmbH Samsung SDI Co., Ltd.	04/06/2012	2719000	12725745.9	German
2719018	Amazon Technologies, Inc.	06/06/2012	2719018	12727069.2	
2719619	Sikorsky Aircraft Corporation	09/10/2013	2719619	13187930.6	
2720798	Koninklijke Philips N.V.	14/06/2012	2720798	12732711.2	
2721758	Marvell World Trade Ltd.	12/06/2012	2721758	12733258.3	
2726090	Biogen MA Inc.	29/06/2012	2726090	12738670.4	
2727118	Grand Abyss LLC	29/06/2012	2727118	12738296.8	
2727516	Canon Kabushiki Kaisha	15/10/2013	2727516	13188645.9	
2728121	General Electric Company	01/11/2013	2728121	13191293.3	
2729934	UCL Business Ltd	05/07/2012	2729934	12737330.6	
2730419	Mimaki Engineering Co., Ltd.	05/11/2013	2730419	13191679.3	
2730782	Pfeiffer Vacuum GmbH	27/08/2013	2730782	13181774.4	German
2730874	Schütz, Matthias König, Jürgen Popp, Andreas	11/11/2013	2730874	13192283.3	German
2731307	Samsung Electronics Co., Ltd.	06/07/2012	2731307	12806936.6	
2732661	Nokia Technologies Oy	29/06/2012	2732661	12815270.9	
2733190	LG Innotek Co., Ltd.	08/11/2013	2733190	13192060.5	
2733472	Krohne AG	11/11/2013	2733472	13005293.9	German
2733550	Ricoh Company, Ltd.	04/11/2013	2733550	13191353.5	
2734825	Roche Diagnostics Hematology, Inc.	13/07/2012	2734825	12746417.0	
2735287	K2M, Inc.	14/11/2013	2735287	13192849.1	

2735349	Kessel AG	23/11/2012	2735349	12193966.4	German
2735796	Ansaldo Energia IP UK Limited	23/11/2012	2735796	12194025.8	
2735830	Trützschler GmbH & Co. KG	21/11/2013	2735830	13193802.9	German
2735970	Samsung Electronics Co., Ltd. Seoul National University R&DB Foundation	30/10/2013	2735970	13190805.5	
2736201	ZTE Corporation	29/06/2012	2736201	12814474.8	
2737208	Robert Bosch GmbH	29/05/2012	2737208	12724970.4	German
2737942	Toray Industries, Inc.	27/07/2012	2737942	12820010.2	
2738099	Airbus	27/11/2013	2738099	13194704.6	French
2738324	dormakaba Deutschland GmbH	18/11/2013	2738324	13005400.0	German
2739064	Sony Corporation	29/06/2012	2739064	12817794.6	
2739270	HB Biotechnologies Corporation	01/08/2012	2739270	12819632.6	
2739396	Sony Corporation	29/06/2012	2739396	12741104.9	
2740243	Robert Bosch GmbH	06/06/2012	2740243	12727356.3	German
2740899	General Electric Company	25/11/2013	2740899	13194238.5	
2740991	Koito Manufacturing Co., Ltd.	22/11/2013	2740991	13194016.5	
2741072	Japan Science and Technology Agency	31/07/2012	2741072	12819852.0	
2741107	Samsung Medison Co., Ltd.	26/11/2013	2741107	13194369.8	
2741364	KMW Inc.	06/08/2012	2741364	12821654.6	
2741918	Hewlett-Packard Development Company, L.P.	24/10/2011	2741918	11874641.1	
2741934	Hochschule Ostwestfalen-Lippe	03/08/2012	2741934	12772059.7	German
2745081	Robert Bosch GmbH	12/06/2012	2745081	12729923.8	German
2748687	Crown Equipment Corporation	24/08/2012	2748687	12769782.9	
2748858	SunPower Corporation	15/08/2012	2748858	12825516.3	
2749982	Einhell Germany AG	12/11/2013	2749982	13192435.9	German
2750118	Toyota Jidosha Kabushiki Kaisha	26/08/2011	2750118	11871550.7	
2750187	Fuji Electric Co., Ltd.	24/08/2012	2750187	12825504.9	
2751442	Oil States Industries, Inc.	03/01/2013	2751442	13735643.2	
2751480	Solarlite CSP Technology GmbH	21/08/2012	2751480	12748696.7	German
2751924	Moteurs Leroy-Somer	28/08/2012	2751924	12773117.2	French
2752656	Mitsubishi Hitachi Power Systems, Ltd.	30/08/2012	2752656	12829064.0	
2753309	Hexal AG	21/08/2012	2753309	12758423.3	German
2754051	Microsoft Technology Licensing, LLC	11/10/2011	2754051	11872055.6	
2754254	The Boeing Company	31/07/2012	2754254	12748611.6	
2755571	Ethicon Endo-Surgery, Inc.	10/09/2012	2755571	12762154.8	

2757016	GH Craft Ltd. Kawasaki Jukogyo Kabushiki Kaisha	13/09/2012	2757016	12831903.5	
2758126	DJO, LLC	08/08/2012	2758126	12748110.9	
2758338	Air Liquide Global E&C Solutions Germany GmbH	08/06/2012	2758338	12726745.8	German
2758982	Purdue Research Foundation	24/09/2012	2758982	12833203.8	
2759068	Empire Technology Development LLC	21/09/2011	2759068	11872638.9	
2759588	MAN Truck & Bus SE	28/01/2014	2759588	14152761.4	German
2762232	Satake Corporation	08/08/2012	2762232	12837060.8	
2762927	Aspect Imaging Ltd.	02/11/2006	2762927	14165412.9	
2764619	Microchip Technology Incorporated	04/10/2012	2764619	12783423.2	
2764964	Cito-System GmbH	06/02/2013	2764964	13000589.5	German
2765045	Schaeffler Paravan GmbH & Co. KG	15/01/2014	2765045	14151274.9	German
2765701	Rehm, Markus	18/01/2014	2765701	14000189.2	German
2765880	Rosecroft Components, Inc.	10/10/2012	2765880	12839785.8	
2766250	Invert Robotics Limited	01/10/2012	2766250	12836922.0	
2766338	Kulkarni, Amol, Arvind Joshi, Ramesh, Anna Joshi, Rohini, Ramesh Council of Scientific and Industrial Research	15/10/2012	2766338	12790952.1	
2766501	Accugenomics, Inc.	10/10/2012	2766501	12840751.7	
2767567	LG Chem, Ltd.	11/10/2012	2767567	12840746.7	
2768857	NovImmune SA	19/10/2012	2768857	12842689.7	
2769575	Telefonaktiebolaget LM Ericsson (publ)	30/09/2011	2769575	11797047.5	
2769639	Marshique, Inc.	12/10/2012	2769639	12841692.2	
2770532	Shanghai Tianma Micro-electronics Co., Ltd. Tianma Micro-Electronics Co., Ltd.	25/11/2013	2770532	13194221.1	
2771199	Renault S.A.S.	18/09/2012	2771199	12773055.4	French
2771277	Nanyang Technological University	25/10/2012	2771277	12843780.3	
2771657	Jaguar Land Rover Limited	26/10/2012	2771657	12783180.8	
2771835	Google LLC	18/10/2012	2771835	12778587.1	
2772088	Samsung Electronics Co., Ltd.	04/10/2012	2772088	12837896.5	
2772095	Samsung Electronics Co., Ltd.	24/10/2012	2772095	12844241.5	
2773111	Sun Patent Trust	18/10/2012	2773111	12842944.6	

2773371	National University of Singapore Institut National de la Santé et de la Recherche Médicale (INSERM) Institut Pasteur de Lille	02/11/2012	2773371	12846339.5	
2774310	Telefonaktiebolaget LM Ericsson (publ)	07/02/2012	2774310	12705920.2	
2774334	Qualcomm Incorporated	02/11/2012	2774334	12787614.2	
2774788	Volkswagen Aktiengesellschaft	17/02/2014	2774788	14155403.0	German
2775711	LG Electronics Inc.	05/11/2012	2775711	12846692.7	
2775857	Puratos N.V.	09/11/2012	2775857	12810110.2	
2775896	Valtech Cardio, Ltd.	08/11/2012	2775896	12847363.4	
2776269	Bombardier Primove GmbH	09/11/2012	2776269	12794891.7	
2777338	Nokia Solutions and Networks Oy	26/10/2012	2777338	12788146.4	
2777340	BlackBerry Limited	31/10/2012	2777340	12846538.2	
2777751	Integra LifeSciences Switzerland Sàrl	11/03/2014	2777751	14158761.8	
2778316	Ma, Oliver Joen-An	10/03/2014	2778316	14158518.2	
2778467	Dana Heavy Vehicle Systems Group, LLC	14/03/2014	2778467	14159802.9	
2778718	PGS Geophysical AS	10/03/2014	2778718	14158632.1	
2779924	Visualase, Inc.	22/08/2012	2779924	12825002.4	
2780640	Aumüller Aumatic GmbH	14/11/2012	2780640	12797763.5	German
2780752	Carl Zeiss Meditec AG	15/11/2012	2780752	12797776.7	German
2782341	Sun Patent Trust	18/10/2012	2782341	12844046.8	
2782612	Largentec GmbH	20/11/2012	2782612	12788211.6	German
2782899	Taminco	22/11/2012	2782899	12801483.4	
2782905	Celanese Sales Germany GmbH	23/11/2012	2782905	12788600.0	
2783465	Microchip Technology Incorporated	19/11/2012	2783465	12799675.9	
2783631	Delta Tooling Co., Ltd.	15/11/2012	2783631	12850826.4	
2785508	Sidel Participations	28/11/2012	2785508	12791204.6	French
2785841	Laboratoire Français du Fractionnement et des Biotechnologies	28/11/2012	2785841	12813118.2	French
2786365	Spirit Displays Limited	30/11/2012	2786365	12799255.0	
2786516	Samsung Electronics Co., Ltd.	30/11/2012	2786516	12853474.0	
2786827	Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.	19/11/2012	2786827	12853153.0	
2786867	Canon Kabushiki Kaisha	13/03/2014	2786867	14159375.6	
2787095	Fukuda Metal Foil & Powder Co., Ltd. Nittan Valve Co., Ltd.	15/10/2012	2787095	12854096.0	

2787237	NTN Corporation	05/11/2012	2787237	12853955.8	
2790214	Invensense, Inc.	10/04/2013	2790214	13001860.9	
2790788	Henkel AG & Co. KGaA	09/11/2012	2790788	12783609.6	German
2791512	KSB SE & Co. KGaA	22/11/2012	2791512	12794267.0	German
2791883	Sony Corporation	13/11/2012	2791883	12798420.1	
2796750	Swepart Transmission AB	25/04/2013	2796750	13165311.5	
2796856	Wuhan Cubic Optoelectronics Co. Ltd.	30/08/2012	2796856	12860685.2	
2798336	Fugro Subsea Services Limited	06/12/2012	2798336	12818903.2	
2799142	Vermeer Manufacturing Company	17/04/2014	2799142	14165266.9	
2799175	HOMAG Plattenaufteiltechnik GmbH	26/03/2014	2799175	14161629.2	German
2799504	Vorwerk & Co. Interholding GmbH	24/04/2014	2799504	14165754.4	German
2800140	BOE Technology Group Co., Ltd.	11/10/2012	2800140	12791675.7	
2800598	Robitaille, Jean-Pierre	02/11/2012	2800598	12844840.4	
	Trudell Medical International				
2800639	SMS Meer S.p.A.	03/01/2013	2800639	13710053.3	
2801032	Intel Corporation	04/01/2012	2801032	12864332.7	
2801142	Schneider Electric IT Corporation	05/01/2012	2801142	12711441.1	
2802496	Jaguar Land Rover Limited	08/01/2013	2802496	13701714.1	
2802821	Waste Heat Recovery Ltd.	28/02/2013	2802821	13711934.3	
2803814	SCHLUMBERGER TECHNOLOGY B.V.	16/05/2013	2803814	13305628.3	
2804660	Tekni-Plex, Inc.	30/10/2012	2804660	12791897.7	
2805170	Inpeco Holding Ltd	14/01/2013	2805170	13705585.1	
2806253	Krohne Messtechnik GmbH	15/05/2014	2806253	14168541.2	German
2806395	Huawei Technologies Co., Ltd.	27/09/2013	2806395	13834368.6	
2806460	NXP B.V.	23/05/2014	2806460	14169718.5	
2806483	LG Chem, Ltd.	29/11/2013	2806483	13857836.4	
	Toray Industries, Inc.				
2806526	Panasonic Intellectual Property Management Co., Ltd.	05/11/2012	2806526	12865737.6	
2808572	Nuovo Pignone S.r.l.	29/05/2013	2808572	13169719.5	
2809942	ELTEK S.p.A.	01/02/2013	2809942	13712353.5	
2810856	Purple Line Limited	02/06/2014	2810856	14170837.0	
2812795	Intel Corporation	07/02/2012	2812795	12868166.5	
2813186	Covidien LP	22/04/2003	2813186	14178514.7	
2813368	Fujitsu Component Limited	18/01/2013	2813368	13738131.5	
2813595	Nippon Steel Corporation	04/02/2013	2813595	13747093.6	

2813999	ROBERT BOSCH GMBH	28/05/2014	2813999	14170350.4	German
2814365	Breville Pty Limited	18/02/2013	2814365	13749675.8	
2815933	Valeo Systèmes d'Essuyage	12/06/2014	2815933	14172059.9	French
2816994	Noxell Corporation	22/02/2013	2816994	13709627.7	
2817440	Honeywell International Inc.	14/02/2013	2817440	13751802.3	
2817601	Cirrus Logic International Semiconductor Ltd.	22/02/2013	2817601	13705508.3	
2818530	Edwards Vacuum, LLC	28/01/2005	2818530	14180325.4	
2818912	Shanghai Tianma Micro-electronics Co., Ltd. Tianma Micro-Electronics Co., Ltd.	25/11/2013	2818912	13194207.0	
2820794	Deshpande, Nachiket Girish	27/02/2013	2820794	13724415.8	
2821989	Kaiser, Paul	17/06/2014	2821989	14450035.2	German
2822351	Innovative Sonic Corporation	26/03/2014	2822351	14161761.3	
2822800	Valeo Systèmes de Contrôle Moteur	04/03/2013	2822800	13712307.1	French
2823572	Zenith Oilfield Technology Ltd	28/02/2013	2823572	13712316.2	
2824268	Etex Building Performance GmbH	03/07/2014	2824268	14175688.2	German
2824535	Minebea Co., Ltd. Toyoda Iron Works Co., Ltd.	13/09/2012	2824535	12870815.3	
2825437	ALSTOM Transport Technologies	05/03/2013	2825437	13709373.8	French
2825724	Osborne, Lawrence	23/10/2012	2825724	12871295.7	
2825867	Bio-Rad Laboratories, Inc.	14/03/2013	2825867	13761630.6	
2826682	ROBERT BOSCH GMBH	18/06/2014	2826682	14173030.9	French
2827375	LYNRED	16/07/2014	2827375	14290208.9	French
2827661	ZTE Corporation	17/04/2012	2827661	12871083.7	
2828514	United Technologies Corporation	19/03/2013	2828514	13764958.8	
2829027	Raytheon Company	14/03/2013	2829027	13714112.3	
2829438	Franz Xaver Meiller Fahrzeug- und Maschinenfabrik-GmbH & Co KG	30/01/2014	2829438	14153252.3	German
2830088	Hamilton Sundstrand Corporation	15/07/2014	2830088	14177118.8	
2830882	Heidelberger Druckmaschinen AG	15/03/2013	2830882	13712135.6	German
2830946	SOGECLAIR SA	29/03/2013	2830946	13719721.6	French
2831687	Google LLC	29/03/2013	2831687	13769316.4	
2831904	Heeren, Ron M. Ulvac-Phi, Inc.	13/03/2013	2831904	13713623.0	
2832448	MANN + HUMMEL GMBH	28/07/2014	2832448	14178737.4	German

2832470	NGK Insulators, Ltd. The University of Electro- Communications	14/03/2013	2832470	13768359.5	
2832886	Nippon Steel & Sumikin Stainless Steel Corporation	28/03/2013	2832886	13769433.7	
2833200	Samsung Display Co., Ltd.	30/07/2014	2833200	14179035.2	
2834388	Office National d'Etudes et de Recherches Aéropatiales (ONERA)	27/03/2013	2834388	13719581.4	French
2835639	F. Hoffmann-La Roche AG	09/08/2013	2835639	13179963.7	
2836943	Dipartimento di Ingegneria Civile e Architettura Dell'Università degli Studi di Pavia Universita' Degli Studi Di Padova	23/03/2012	2836943	12721951.7	
2838278	Sony Corporation	19/03/2013	2838278	13774992.5	
2839890	Nippon Steel Corporation	22/03/2013	2839890	13778342.9	
2840020	Airbus Defence and Space GmbH	18/09/2013	2840020	13004558.6	German
2840591	Kao Corporation	16/04/2013	2840591	13778433.6	
2841667	Gilgen Door Systems AG	05/04/2013	2841667	13714911.8	German
2842098	Samsung Electronics Co., Ltd.	27/03/2013	2842098	13780930.7	
2843323	Mitsubishi Electric Corporation	27/04/2012	2843323	12875044.5	
2843668	Furukawa Electric Co., Ltd. Furukawa Magnet Wire Co., Ltd.	20/11/2013	2843668	13858435.4	
2843846	Airbus Operations GmbH	30/08/2013	2843846	13182434.4	
2843931	Brother Kogyo Kabushiki Kaisha	29/08/2014	2843931	14182809.5	
2844346	Prilenia Neurotherapeutics Ltd.	03/04/2013	2844346	13772325.0	
2844429	Nagel Maschinen- und Werkzeugfabrik GmbH	22/04/2013	2844429	13718186.3	German
2844665	United Kingdom Research and Innovation	19/04/2013	2844665	13723189.0	
2845398	Nokia Solutions and Networks Oy	02/05/2013	2845398	13719569.9	
2846147	Atlas Material Testing Technology GmbH	06/09/2013	2846147	13183391.5	German
2846261	Huawei Technologies Co., Ltd.	09/09/2014	2846261	14184107.2	
2847234	Canon Kabushiki Kaisha	11/09/2013	2847234	13839386.3	
2848414	Krones AG Heidelberger Druckmaschinen AG	20/06/2014	2848414	14173230.5	German
2848908	ams international AG	16/09/2013	2848908	13184610.7	

2849021	Socionext Inc.	12/09/2013	2849021	13184050.6	
2849180	Panasonic Corporation	08/05/2013	2849180	13786609.1	
2849631	Koninklijke Philips N.V.	10/05/2013	2849631	13735068.2	
2850212	Clinical Genomics Pty. Ltd.	17/05/2013	2850212	13790927.1	
2850520	Safran Electronics & Defense	14/05/2013	2850520	13723746.7	French
2851016	Cook Medical Technologies LLC	18/08/2014	2851016	14181317.0	
2851943	Sony Corporation	06/03/2013	2851943	13790278.9	
2853312	Dürr Systems AG	07/11/2007	2853312	14003987.6	German
2854306	Alcatel Lucent	25/09/2013	2854306	13290229.7	
2854745	DENTSPLY SIRONA Inc.	04/06/2013	2854745	13731190.8	
2855182	Robert Bosch GmbH	31/05/2012	2855182	12878042.6	
2855359	Cerion LLC	24/05/2013	2855359	13727759.6	
2855375	TM.E. S.p.A. TERMOMECCANICA ECOLOGIA	20/05/2013	2855375	13792437.9	
2856854	CNH Industrial Belgium nv	01/10/2014	2856854	14187222.6	
2857130	Tungaloy Corporation	28/05/2013	2857130	13797910.0	
2857279	Combi Corporation	23/05/2013	2857279	13797252.7	
2858199	Mitsubishi Heavy Industries, Ltd.	31/05/2012	2858199	12878200.0	
2858780	Illinois Tool Works Inc.	03/06/2013	2858780	13730093.5	
2859164	Huf Hülsbeck & Fürst GmbH & Co. KG	31/05/2013	2859164	13726222.6	German
2859187	Metso Minerals, Inc.	08/06/2012	2859187	12751555.9	
2859738	BlackBerry Limited	05/06/2013	2859738	13800896.6	
2861167	Greiner Bio-One North America, Inc.	11/06/2013	2861167	13805049.7	
2861760	The Board of Regents of The University of Texas System	17/06/2013	2861760	13733180.7	
2861880	Nuovo Pignone S.r.l.	18/06/2013	2861880	13729395.7	
2862034	GKN Aerospace Sweden AB	19/06/2012	2862034	12879566.3	
2862677	KUKA Deutschland GmbH	02/10/2014	2862677	14187513.8	German
2863170	Hamilton Sundstrand Corporation	08/10/2014	2863170	14188185.4	
2863337	Daon Holdings Limited	18/09/2014	2863337	14185448.9	
2863418	Analog Devices Global Unlimited Company	07/10/2014	2863418	14188003.9	
2864108	EOS GmbH Electro Optical Systems	27/06/2013	2864108	13734016.2	German
2864446	Suncor Energy Inc.	21/06/2013	2864446	13806866.3	
2864544	Philip Morris Products S.A.	25/06/2013	2864544	13742485.9	
2864797	WABCO GmbH	03/06/2013	2864797	13727520.2	German

2864862	Hitachi, Ltd.	18/07/2012	2864862	12741107.2	
2864868	Qualcomm Incorporated	21/06/2013	2864868	13735505.3	
2865819	Geberit International AG	28/10/2013	2865819	13190460.9	German
2866711	Ethicon LLC	20/06/2013	2866711	13735127.6	
2867087	Renault S.A.S.	25/06/2013	2867087	13744623.3	French
2868135	Nokia Solutions and Networks Oy	29/06/2012	2868135	12730218.0	
2868259	Korea University Research and Business Foundation	28/06/2013	2868259	13808745.7	
2868987	Carl Freudenberg KG	26/06/2014	2868987	14002192.4	German
2869182	Huawei Device Co., Ltd.	07/01/2014	2869182	14735217.3	
2869617	NTT DOCOMO, INC.	28/10/2014	2869617	14190705.5	
2869935	Rigdeluge Global Limited	09/07/2013	2869935	13750091.4	
2869937	Rigdeluge Global Limited	09/07/2013	2869937	13750358.7	
2870608	American Science & Engineering, Inc.	02/07/2013	2870608	13812826.9	
2871280	Hangzhou Sanhua Research Institute Co., Ltd.	06/11/2014	2871280	14192005.8	
2871434	LG Electronics Inc.	06/11/2014	2871434	14192127.0	
2871496	Samsung Electronics Co., Ltd.	11/11/2014	2871496	14192619.6	
2871833	Samsung Electronics Co., Ltd.	07/11/2014	2871833	14192355.7	
2873185	Nokia Solutions and Networks GmbH & Co. KG	12/07/2013	2873185	13735336.3	
2874089	Ricoh Company, Ltd.	11/11/2014	2874089	14192588.3	
2874187	Evonik Operations GmbH	15/11/2013	2874187	13193037.2	
2875009	Eastman Chemical Company	17/07/2013	2875009	13819967.4	
2875130	GENKYOTEX	23/07/2013	2875130	13739724.6	
2875413	Qualcomm Incorporated	12/07/2013	2875413	13742102.0	
2875417	Verimatrix, Inc.	18/07/2013	2875417	13819779.3	
2875866	Sharp Life Science (EU) Limited	21/11/2014	2875866	14194264.9	
2876011	Goodrich Corporation	04/11/2014	2876011	14191740.1	
2876257	General Electric Company	17/11/2014	2876257	14193486.9	
2876469	BOE Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	30/11/2012	2876469	12868329.9	
2876570	Honeywell International Inc.	21/10/2014	2876570	14189809.8	
2877156	Altergon S.a.	25/07/2013	2877156	13747807.9	
2877174	Array Biopharma, Inc.	25/07/2013	2877174	13745540.8	
2878157	NEC Corporation	09/04/2014	2878157	14788898.6	

2878509	Smartdrive Systems, Inc.	11/11/2014	2878509	14192726.9	
2879188	LG Electronics Inc.	06/11/2014	2879188	14003749.0	
2880208	Honeywell International Inc.	25/07/2013	2880208	13845900.3	
2881716	VEGA Grieshaber KG	26/11/2014	2881716	14195035.2	German
2882783	BASF SE	30/07/2013	2882783	13745037.5	German
2883381	Samsung Electronics Co., Ltd.	13/08/2013	2883381	13879340.1	
2884460	Panasonic Intellectual Property Management Co., Ltd.	24/11/2014	2884460	14194439.7	
2885010	Iperian, Inc.	15/08/2013	2885010	13830020.7	
2885311	Academia Sinica	16/08/2013	2885311	13831440.6	
2885580	A.R.C. S.r.l.	26/06/2013	2885580	13732142.8	
2885707	Microsoft Technology Licensing, LLC	13/08/2013	2885707	13753937.5	
2885881	Alcatel Lucent	19/08/2013	2885881	13826584.8	
2886057	Korea Advanced Institute of Science and Technology Samsung Electronics Co., Ltd.	20/10/2014	2886057	14189519.3	
2886081	Trisa Holding AG	22/04/2003	2886081	14004218.5	German
2888739	Sanmina Corporation	27/08/2013	2888739	13832054.4	
2888845	Qualcomm Incorporated	26/08/2013	2888845	13762319.5	
2890729	Clariant Finance (BVI) Limited	04/09/2013	2890729	13763185.9	German
2890975	Phase Focus Limited	29/08/2013	2890975	13759293.7	
2891052	Micron Technology, Inc.	16/08/2013	2891052	13832218.5	
2891568	AGCO International GmbH	26/11/2014	2891568	14194995.8	
2891609	Owens-Brockway Glass Container INC.	17/09/2009	2891609	15156540.5	
2891805	ROBERT BOSCH GMBH	29/10/2014	2891805	14190831.9	German
2891846	ALDES AERAULIQUE	19/11/2014	2891846	14193785.4	French
2891880	Kyoto University	28/08/2013	2891880	13832574.1	
2892281	NEC Corporation	27/08/2013	2892281	13832546.9	
2892574	Synthes GmbH	22/08/2013	2892574	13759607.8	
2892595	Fachhochschule Nordwestschweiz FHNW Universität Bern	28/08/2013	2892595	13770848.3	
2892819	Selig Sealing Products, Inc.	29/08/2013	2892819	13835199.4	
2893409	Siemens Aktiengesellschaft	22/10/2013	2893409	13786192.8	German
2894022	BRANSON Ultraschall Niederlassung der Emerson Technologies GmbH & Co. OHG	13/01/2015	2894022	15150997.3	German

2894861	Saturn Licensing LLC	02/09/2013	2894861	13834928.7	
2895368	Bombardier Transportation GmbH	12/10/2012	2895368	12780451.6	German
2895421	KHS GmbH	24/08/2013	2895421	13753107.5	German
2895825	Street Smart Sensors LLC	12/09/2013	2895825	13837207.3	
2897068	Lifescan Scotland Limited	29/06/2010	2897068	14193924.9	
2897100	The Boeing Company	16/10/2014	2897100	14189242.2	
2897164	Henkel IP & Holding GmbH	17/01/2014	2897164	14151675.7	
2897633	UTI Limited Partnership	17/09/2013	2897633	13839267.5	
2897695	FiWaRec Valves & Regulators GmbH & Co. KG	10/09/2013	2897695	13760040.9	German
2898348	Johnson Matthey Public Limited Company	20/09/2013	2898348	13766651.7	
2898738	Telefonaktiebolaget LM Ericsson (publ)	20/09/2013	2898738	13803231.3	
2899025	Mitsubishi Gas Chemical Company, Inc. MGC Filsheet Co., Ltd.	20/09/2013	2899025	13839727.8	
2899186	Zhejiang Yongning Pharmaceutical Co., Ltd.	26/02/2014	2899186	14749226.8	
2899219	Toray Industries, Inc.	06/09/2013	2899219	13836339.5	
2899959	ZTE Corporation	27/08/2013	2899959	13840255.7	
2900094	Philip Morris Products S.A.	18/09/2013	2900094	13782849.7	
2900370	Aditya Birla Science And Technology Company Limited	27/09/2013	2900370	13820884.8	
2900971	United Technologies Corporation	26/09/2013	2900971	13841432.1	
2901411	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	24/09/2013	2901411	13766084.1	French
2902057	Cilag GmbH International	27/05/2005	2902057	15153304.9	
2902280	Autoliv Nissin Brake Systems Japan Co., Ltd.	30/01/2015	2902280	15153196.9	
2902735	Toshiba Lifestyle Products & Services Corporation	30/08/2013	2902735	13842845.3	
2903647	Kadmon Corporation, LLC	07/10/2013	2903647	13844157.1	
2904862	Telefonaktiebolaget LM Ericsson (publ)	08/10/2012	2904862	12778667.1	
2905623	Grifols Worldwide Operations Limited	06/02/2015	2905623	15154088.7	
2908617	Husqvarna AB	17/10/2012	2908617	12886590.4	
2909186	Evonik Operations GmbH	07/10/2013	2909186	13788668.5	
2909745	Ab Initio Technology LLC	02/08/2013	2909745	13748437.4	

2910038	Chikka Pte Ltd	16/10/2013	2910038	13846766.7	
2910870	Mitsubishi Electric Corporation	21/09/2012	2910870	12884923.9	
2911115	Samsung Electronics Co., Ltd.	13/02/2015	2911115	15155030.8	
2911265	Samsung Electronics Co., Ltd.	16/02/2015	2911265	15155188.4	
2911416	Samsung Electronics Co., Ltd.	13/02/2015	2911416	15155050.6	
2911454	Coriant Operations, Inc.	20/02/2015	2911454	15156034.9	
2911525	Cargill, Incorporated	24/10/2013	2911525	13786392.4	
2911994	Rogers Germany GmbH	16/09/2013	2911994	13783245.7	German
2912962	ASICS Corporation	24/10/2012	2912962	12887143.1	
2913598	LG Electronics Inc.	06/11/2014	2913598	14192151.0	
2914394	General Electric Company	01/11/2013	2914394	13791884.3	
2914453	Volkswagen Aktiengesellschaft	21/10/2013	2914453	13780120.5	German
2914548	Baker Hughes, a GE company, LLC	31/10/2013	2914548	13852048.1	
2914858	Delta T, LLC	31/10/2013	2914858	13850869.2	
2915087	Google LLC	30/10/2013	2915087	13852082.0	
2915268	Telefonaktiebolaget LM Ericsson (publ)	29/10/2013	2915268	13783602.9	
2915270	Samsung Electronics Co., Ltd.	04/11/2013	2915270	13852328.7	
2915663	Lockheed Martin Corporation	02/03/2015	2915663	15157074.4	
2916151	Corning Optical Communications LLC	05/03/2014	2916151	14157912.8	
2916169	Hitachi Chemical Company, Ltd.	09/10/2013	2916169	13850182.0	
2916881	ETH Zurich	04/11/2013	2916881	13786423.7	
2917703	Ecolab USA Inc.	12/11/2012	2917703	12794665.5	
2917816	Starbreeze Paris	04/11/2013	2917816	13803099.4	French
2917866	NEC Corporation	06/11/2013	2917866	13798265.8	
2917962	Microsoft Technology Licensing, LLC	08/11/2013	2917962	13798457.1	
2918689	Nippon Steel Corporation	07/11/2013	2918689	13852814.6	
2918696	Nippon Steel Corporation	05/11/2013	2918696	13853672.7	
2918773	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	12/03/2015	2918773	15158793.8	
2919470	LG Electronics Inc.	06/11/2013	2919470	13852554.8	
2919496	Huizhou TCL Mobile Communication Co., Ltd.	07/08/2013	2919496	13853300.5	
2919866	Hill-Rom Services, Inc.	15/11/2013	2919866	13802773.5	
2919902	GE Healthcare BioProcess R&D AB	11/11/2013	2919902	13854329.3	
2919995	Hewlett-Packard Development Company, L.P.	14/11/2012	2919995	12888409.5	
2920054	Torqueedo GmbH	11/11/2013	2920054	13796000.1	German

2920555	General Electric Company	07/10/2013	2920555	13776701.8	
2920559	Airbus Operations Limited	06/11/2013	2920559	13789379.8	
2920569	Compagnie Générale des Etablissements Michelin	19/11/2012	2920569	12888278.4	
2920739	Gogo LLC	12/11/2013	2920739	13799148.5	
2920941	Gogo LLC	12/11/2013	2920941	13799149.3	
2920986	VERIMATRIX	14/11/2013	2920986	13801663.9	French
2921364	WABCO GmbH	14/02/2015	2921364	15000449.7	German
2921991	FUJITSU LIMITED	27/02/2015	2921991	15156918.3	
2922022	Soinn Inc.	06/11/2013	2922022	13854124.8	
2922225	LG Electronics Inc.	13/11/2013	2922225	13855806.9	
2922483	Kreuz, Gerold Koch, Heinrich	18/11/2013	2922483	13811133.1	German
2922595	Nano-Retina, Inc.	20/11/2013	2922595	13856857.1	
2922683	Uponor Infra Oy	19/11/2013	2922683	13857213.6	
2924030	Kureha Corporation	19/11/2013	2924030	13856470.3	
2924311	Schaeffler Technologies AG & Co. KG	18/02/2015	2924311	15155511.7	German
2924375	Panasonic Intellectual Property Management Co., Ltd.	19/11/2013	2924375	13856947.0	
2924548	MultiTaction Oy	18/07/2011	2924548	15168142.6	
2924681	Sharp Kabushiki Kaisha	14/11/2013	2924681	13857131.0	
2924741	Mitsui Chemicals Tohcello, Inc.	18/11/2013	2924741	13857078.3	
2925385	Becton Dickinson and Company Limited	27/11/2013	2925385	13811302.2	
2925548	BOS GmbH & Co. KG	21/11/2013	2925548	13794914.5	German
2925606	Compagnie Générale des Etablissements Michelin	29/11/2013	2925606	13796101.7	French
2925952	Schlumberger Canada Limited M-I LLC M-I Drilling Fluids UK Limited	29/11/2013	2925952	13857845.5	
2926511	Samsung Electronics Co., Ltd.	28/11/2013	2926511	13858912.2	
2926617	Airbus DS SAS	29/11/2013	2926617	13812008.4	French
2927792	LG ELECTRONICS INC.	09/09/2014	2927792	14003111.3	
2929108	Bastenhof, Dirk LOCHTEFELD, Thomas J.	07/11/2013	2929108	13852746.0	
2930051	Volkswagen Aktiengesellschaft	08/04/2014	2930051	14163898.1	German
2932430	Citrix Systems, Inc.	07/11/2013	2932430	13795368.3	

2935925	AGCO International GmbH	05/11/2013	2935925	13786244.7	
2937141	LG Chem, Ltd.	14/11/2014	2937141	14862758.1	
2937778	LG Electronics Inc.	05/11/2014	2937778	14191860.7	
2940100	Current Lighting Solutions, LLC	30/04/2015	2940100	15165904.2	
2940441	Heraeus Electro-Nite International N.V.	30/04/2014	2940441	14166546.3	
2940895	Panasonic Intellectual Property Corporation of America	22/11/2013	2940895	13868043.4	
2941853	Marvell World Trade Ltd.	02/01/2014	2941853	14735083.9	
2942569	BSH Hausgeräte GmbH	21/04/2015	2942569	15164353.3	German
2942992	Huawei Technologies Co., Ltd.	31/01/2013	2942992	13873877.8	
2943224	Xellia Pharmaceuticals ApS	09/01/2014	2943224	14700193.7	
2944521	Safran Landing Systems	05/03/2015	2944521	15157836.6	French
2945641	GlaxoSmithKline Biologicals S.A.	13/01/2014	2945641	14700602.7	
2948124	B. Braun Melsungen AG	22/01/2014	2948124	14703297.3	
2948810	Carl Zeiss Microscopy GmbH	23/01/2014	2948810	14701716.4	German
2949092	Sony Corporation	28/11/2013	2949092	13803277.6	
2949356	Ares Trading SA	17/02/2005	2949356	15171802.0	
2949606	BSS Bohnenberg GmbH	19/05/2015	2949606	15168218.4	German
2950005	BSH Hausgeräte GmbH	28/04/2015	2950005	15165418.3	German
2950375	Teijin Limited	24/01/2014	2950375	14743741.2	
2950440	Hamilton Sundstrand Corporation	19/05/2015	2950440	15168247.3	
2950498	ZTE Corporation	21/08/2013	2950498	13872756.5	
2951010	Neopost Technologies	29/01/2013	2951010	13702026.9	
2951623	OFS Fitel, LLC University of Aarhus	27/01/2014	2951623	14745347.6	
2952367	ACPS Automotive GmbH	28/05/2015	2952367	15169689.5	German
2952397	CLAAS Tractor S.A.S.	20/04/2015	2952397	15164160.2	German
2953476	Novozymes A/S	05/02/2014	2953476	14702635.5	
2953658	LifeCell Corporation	24/01/2014	2953658	14703722.0	
2954705	IOT HOLDINGS, INC.	04/02/2014	2954705	14705661.8	
2954942	Korea Research Institute of Chemical Technology	12/03/2014	2954942	14762615.4	
2955013	UNDRC bvba	16/04/2015	2955013	15163824.4	
2956230	CALGON CARBON CORPORATION	04/02/2014	2956230	14751874.0	
2956362	B/E Aerospace, Inc.	12/02/2014	2956362	14752018.3	
2956614	Interwell Technology AS	04/11/2013	2956614	13791764.7	

2957418	Marelli Automotive Lighting Italy S.p.A.	29/04/2015	2957418	15165776.4	
2957818	Koito Manufacturing Co., Ltd.	03/02/2014	2957818	14751006.9	
2958116	Hitachi Metals, Ltd.	14/02/2014	2958116	14751452.5	
2958369	Cisco Technology, Inc.	05/05/2015	2958369	15166457.0	
2958715	The Gillette Company LLC	04/02/2014	2958715	14705659.2	
2960090	HONDA MOTOR CO., LTD.	22/06/2015	2960090	15173044.7	
2960345	JFE Steel Corporation	21/11/2013	2960345	13875382.7	
2960627	Asahi Kasei Kabushiki Kaisha	17/02/2014	2960627	14753775.7	
2960777	ZTE Corporation	14/11/2013	2960777	13875479.1	
2961025	Makita Corporation	22/06/2015	2961025	15173197.3	
2961219	NEC Corporation	19/02/2014	2961219	14753916.7	
2961606	Hewlett-Packard Development Company, L.P.	17/06/2013	2961606	13876203.4	
2961656	Safran Aircraft Engines Safran Ceramics	26/02/2014	2961656	14713188.2	French
2961771	Roche Glycart AG	24/02/2014	2961771	14708507.0	
2961809	Baker Hughes, a GE company, LLC	26/02/2014	2961809	14756346.4	
2962163	Belimo Holding AG	16/01/2014	2962163	14700555.7	German
2962535	Qualcomm Incorporated	25/02/2014	2962535	14711635.4	
2963395	Krohne AG	16/06/2015	2963395	15172231.1	German
2963993	Alcatel Lucent	30/06/2014	2963993	14306043.2	
2965059	National Oilwell Varco, L.P.	27/02/2014	2965059	14710722.1	
2965147	Merck Patent GmbH	07/02/2014	2965147	14703541.4	German
2965233	VMware, Inc.	03/03/2014	2965233	14716454.5	
2966060	Asahi Kasei Kabushiki Kaisha	28/02/2014	2966060	14760523.2	
2966459	Adamant Namiki Precision Jewel Co., Ltd.	27/02/2014	2966459	14760774.1	
2966626	Walter Hanke Mechanische Werkstätten GmbH & Co. KG	07/07/2015	2966626	15175740.8	German
2966837	NEC CORPORATION	07/02/2014	2966837	14760150.4	
2968877	Intersect ENT, Inc.	13/03/2014	2968877	14770721.0	
2969535	3M Innovative Properties Company	04/03/2014	2969535	14712111.5	
2969914	Butterfly Network Inc.	13/03/2014	2969914	14719460.9	
2969916	Raytheon Company	25/06/2013	2969916	13735520.2	
2970023	General Electric Company	12/06/2013	2970023	13731223.7	

2970088	PROMETIC PHARMA SMT LIMITED	14/03/2014	2970088	14762607.1	
2970517	BASF SE	11/03/2014	2970517	14710839.3	
2970907	The Johns Hopkins University	13/03/2014	2970907	14776027.6	
2971009	Fundación Pública Andaluza Progreso Y Salud Instituto de Salud Carlos III	13/03/2014	2971009	14716525.2	
2971039	Immusoft Corporation	14/03/2014	2971039	14768084.7	
2971547	United Technologies Corporation	08/11/2013	2971547	13880304.4	
2971595	United Technologies Corporation	11/03/2014	2971595	14768410.4	
2971653	Nooter/Eriksen, Inc.	10/12/2013	2971653	13878141.4	
2971992	Nortek Air Solutions Canada, Inc.	05/02/2014	2971992	14764305.0	
2972288	Westinghouse Electric Company Llc	30/01/2014	2972288	14770368.0	
2972695	Tactual Labs Co.	17/03/2014	2972695	14764652.5	
2972783	Intel Corporation	14/03/2014	2972783	14770080.1	
2972819	Huawei Technologies Co., Ltd.	15/03/2013	2972819	13878140.6	
2973883	Panduit Corp.	11/03/2014	2973883	14720302.0	
2973924	Dominion Energy, Inc.	14/03/2014	2973924	14767612.6	
2974336	Samsung Electronics Co., Ltd.	17/03/2014	2974336	14764373.8	
2974388	Headwater Research LLC	04/03/2014	2974388	14718205.9	
2974652	Samsung Electronics Co., Ltd.	22/01/2015	2974652	15152048.3	
2975161	Moreda-Riviere Trefilerias, S.A.	14/07/2015	2975161	15382364.6	
2976074	Universitat Pompeu-Fabra	19/03/2013	2976074	13710850.2	
2976355	Statens Serum Institut	17/03/2014	2976355	14721199.9	
2976371	Evonik Operations GmbH	03/03/2014	2976371	14711702.2	German
2977042	Novartis AG	07/02/2007	2977042	15185071.6	
2977128	Pratt & Whitney Canada Corp.	21/07/2015	2977128	15177695.2	
2977689	Mitsubishi Electric Corporation	19/05/2015	2977689	15168278.8	
2978986	Bayerische Motoren Werke Aktiengesellschaft	12/02/2014	2978986	14703875.6	German
2979021	First Data Corporation	28/03/2014	2979021	14720443.2	
2980038	Kao Corporation	19/03/2014	2980038	14775232.3	
2980082	Nippon Shokubai Co., Ltd.	28/03/2014	2980082	14774875.0	
2981001	LG Electronics Inc.	04/09/2013	2981001	13880023.0	
2981168	Leps, Hermann-Josef	31/03/2014	2981168	14718344.6	German
2981324	Miller, Leonard B. Devore, Dale P.	04/04/2014	2981324	14778301.3	

2981347	Johnson Matthey Public Limited Company	03/04/2014	2981347	14716387.7	
2981619	bioMérieux	01/04/2014	2981619	14714282.2	French
2981801	Roche Diagnostics Hematology, Inc.	04/04/2014	2981801	14727658.8	
2981951	Robert Bosch GmbH	12/02/2014	2981951	14705095.9	German
2982962	Atlas Material Testing Technology GmbH	07/08/2014	2982962	14180157.1	German
2983746	SANOFI	08/04/2014	2983746	14715608.7	
2984910	The Board of Trustees of the University of Illinois	11/04/2014	2984910	14782878.4	
2985195	Valeo Systèmes d'Essuyage	07/07/2015	2985195	15175614.5	French
2985299	ISP Investments LLC	25/03/2010	2985299	15180966.2	
2985377	Toray Industries, Inc.	03/04/2014	2985377	14783202.6	
2985529	Honeywell Technologies Sarl	14/08/2014	2985529	14180981.4	
2986492	Robert Bosch GmbH	03/03/2014	2986492	14707747.3	German
2986854	Lim, Nag-Bok	16/04/2014	2986854	14785610.8	
2987063	Carnegie Mellon University	08/04/2014	2987063	14785422.8	
2987096	Oracle International Corporation	18/04/2014	2987096	14725872.7	
2987303	Amazon Technologies, Inc.	16/04/2014	2987303	14785565.4	
2987630	Continental Reifen Deutschland GmbH	01/07/2015	2987630	15174715.1	German
2988041	ML Tech GmbH	07/08/2015	2988041	15180099.2	German
2988653	Medtronic Xomed, Inc.	25/04/2014	2988653	14731431.4	
2989349	Sonceboz S.A.	07/04/2014	2989349	14715324.1	French
2989837	Sony Corporation	15/04/2014	2989837	14719815.4	
2991255	Coherent Logix Incorporated	28/05/2009	2991255	15183380.3	
2991434	Huawei Device Co., Ltd.	03/06/2014	2991434	14804581.8	
2991548	FIM Medical	26/03/2014	2991548	14718684.5	French
2992243	Jaguar Land Rover Limited	17/04/2014	2992243	14718118.4	
2992245	Jaguar Land Rover Limited	17/04/2014	2992245	14718417.0	
2992444	Amazon Technologies, Inc.	28/04/2014	2992444	14791253.9	
2992632	Telefonaktiebolaget LM Ericsson (publ)	19/06/2013	2992632	13736991.4	
2992663	Assa Abloy AB	18/04/2014	2992663	14766533.5	
2992701	Airwatch LLC	02/05/2014	2992701	14791475.8	
2993025	Samsung Electronics Co., Ltd.	02/09/2015	2993025	15183586.5	
2993691	BOE Technology Group Co., Ltd.	31/05/2013	2993691	13836248.8	
2993838	Huawei Technologies Co., Ltd.	04/03/2014	2993838	14803473.9	
2993873	Samsung Electronics Co., Ltd.	14/08/2015	2993873	15181119.7	

2994446	Sasol Technology (Proprietary) Limited	06/05/2014	2994446	14727249.6	
2994482	Pepsico, Inc.	09/05/2014	2994482	14794217.1	
2994787	M Squared Lasers Limited	09/05/2014	2994787	14731320.9	
2995105	Intel IP Corporation	08/05/2014	2995105	14795314.5	
2995393	Melchor Gabilondo, S.A.	11/09/2014	2995393	14382340.9	
2996284	ADVA Optical Networking SE	12/03/2015	2996284	15158755.7	
2996732	DePuy Synthes Products, Inc.	27/02/2014	2996732	14712818.5	
2996895	Jaguar Land Rover Limited	15/04/2014	2996895	14718048.3	
2997057	Evonik Operations GmbH	29/04/2014	2997057	14721318.5	German
2997677	ZTE Corporation ZTE (USA) Inc.	24/03/2014	2997677	14798001.5	
2997783	Telefonaktiebolaget LM Ericsson (publ)	16/04/2014	2997783	14785674.4	
2998761	Aptiv Technologies Limited	05/08/2015	2998761	15179773.5	
2999784	Active Motif, Inc.	22/05/2014	2999784	14801374.1	
2999975	Robert Bosch GmbH	01/04/2014	2999975	14715260.7	German
3000497	Becton, Dickinson and Company	28/09/2015	3000497	15187059.9	
3001520	NGK Spark Plug Co., Ltd.	21/05/2014	3001520	14800991.3	
3001769	MediaTek Inc.	03/09/2009	3001769	15188792.4	
3003432	Sanofi-Aventis Deutschland GmbH	13/05/2014	3003432	14725671.3	
3003474	Boston Scientific Neuromodulation Corporation	06/06/2014	3003474	14735060.7	
3004031	ECAPS Aktiebolag	28/05/2014	3004031	14734946.8	
3004495	Velo Labs, Inc.	07/05/2014	3004495	14806848.9	
3004523	Frank's International, LLC	30/05/2014	3004523	14803885.4	
3004900	Kapteos Electricité de France	28/05/2014	3004900	14738543.9	French
3005109	Samsung Electronics Co., Ltd.	05/06/2014	3005109	14807077.4	
3005478	Apple Inc.	30/05/2014	3005478	14808025.2	
3005716	Sony Corporation	15/05/2014	3005716	14729731.1	
3005778	Rivada Networks LLC	28/05/2014	3005778	14804801.0	
3005790	Intel Corporation	05/06/2014	3005790	14824513.7	
3006065	Seedlings Life Science Ventures, LLC.	09/05/2003	3006065	15184823.1	
3006729	GE Renewable Technologies	01/10/2014	3006729	14290295.6	
3007269	BlackBerry Limited	08/10/2015	3007269	15189006.8	
3007322	"Dimex Motors" AD	16/10/2014	3007322	14472006.7	
3007432	Panasonic Intellectual Property Management Co., Ltd.	05/06/2014	3007432	14807811.6	

3007485	Nokia Solutions and Networks Oy	12/10/2015	3007485	15189332.8	
3007640	Boston Scientific Scimed, Inc.	06/06/2014	3007640	14735777.6	
3007715	Erytech Pharma	11/06/2014	3007715	14730144.4	
3007969	SAAB AB	10/06/2013	3007969	13886702.3	
3008073	LATVIAN INSTITUTE OF ORGANIC SYNTHESIS	11/06/2013	3008073	13750135.9	
3008082	Mars, Incorporated	13/06/2014	3008082	14732280.4	
3008215	Ariosa Diagnostics, Inc.	19/02/2014	3008215	14811485.3	
3008794	Samsung Electronics Co., Ltd.	03/06/2014	3008794	14808428.8	
3008940	Nokia Solutions and Networks Oy	12/06/2013	3008940	13730840.9	
3009291	Brunswick Corporation	02/04/2009	3009291	15003054.2	
3010396	Smiths Medical International Limited	08/05/2014	3010396	14726183.8	
3010560	DePuy Synthes Products, Inc.	10/06/2014	3010560	14739291.4	
3010754	Thermo King Corporation	18/06/2014	3010754	14813168.3	
3011426	Google Technology Holdings LLC	17/06/2014	3011426	14737450.8	
3012285	LG Chem, Ltd.	19/06/2014	3012285	14814184.9	
3012612	Anton Paar GmbH	15/10/2015	3012612	15189886.3	German
3013241	Koninklijke Philips N.V.	19/06/2014	3013241	14738901.9	
3014595	Google LLC	26/06/2014	3014595	14742074.9	
3014770	Intel Corporation	28/06/2013	3014770	13887882.2	
3014906	Facebook, Inc.	23/06/2014	3014906	14818255.3	
3014978	Deere & Company	09/10/2015	3014978	15189122.3	German
3015438	BOSTIK SA	28/10/2015	3015438	15191939.6	French
3015771	Ansaldo Energia Switzerland AG	02/10/2015	3015771	15188269.3	
3015839	Agisco S.r.l.	31/10/2014	3015839	14425138.6	
3015948	Samsung Electronics Co., Ltd.	05/10/2015	3015948	15188390.7	
3016578	Mayo Foundation for Medical Education and Research	01/07/2014	3016578	14820085.0	
3016626	Mölnlycke Health Care AB	31/03/2014	3016626	14713856.4	
3016636	University College Cardiff Consultants Limited	03/07/2014	3016636	14736940.9	
3016749	L'Oréal	04/07/2014	3016749	14749911.5	French
3018415	United Technologies Corporation	06/11/2015	3018415	15193471.8	
3018628	Samsung Electronics Co., Ltd.	06/11/2015	3018628	15193376.9	
3018687	Rockwell Automation Technologies, Inc.	06/11/2015	3018687	15193380.1	
3018811	Kitagawa Industries Co., Ltd.	06/08/2014	3018811	14834151.4	

3018871	Huawei Technologies Co., Ltd.	01/07/2014	3018871	14829598.3	
3018876	Vodafone IP Licensing Limited	05/11/2014	3018876	14191841.7	
3018969	Panasonic Intellectual Property Management Co., Ltd.	11/06/2014	3018969	14820386.2	
3018980	Schreder	10/11/2014	3018980	14192582.6	
3019022	Mars, Incorporated	20/06/2014	3019022	14733137.5	
3019204	President and Fellows of Harvard College	08/07/2014	3019204	14823626.8	
3019380	Innova Patent GmbH	26/06/2014	3019380	14747797.0	German
3019406	Bizerba SE & Co. KG	09/07/2014	3019406	14777153.9	
3021048	Blümel, Christoph	09/11/2015	3021048	15003200.1	German
3021290	Magneti Marelli S.p.A.	09/11/2015	3021290	15193692.9	
3021326	EM Microelectronic-Marin SA	17/11/2014	3021326	14193480.2	
3022242	BASF Coatings GmbH	04/06/2014	3022242	14727833.7	German
3022493	Charlton & Jenrick Limited	10/07/2014	3022493	14739535.4	
3022768	Citizen Electronics Co., Ltd. CITIZEN WATCH CO., LTD.	14/07/2014	3022768	14747731.9	
3022939	Sony Corporation	04/07/2014	3022939	14744205.7	
3023276	Hangzhou Sanhua Research Institute Co., Ltd.	18/07/2013	3023276	13889688.1	
3023278	CQLT SaarGummi Technologies S.à.r.l.	17/11/2015	3023278	15194962.5	German
3023285	Saic Motor Corporation Ltd.	16/06/2015	3023285	15172444.0	
3023325	DT Swiss AG	24/11/2015	3023325	15196001.0	German
3023399	TOTAL MARKETING SERVICES	18/11/2014	3023399	14306833.6	
3023648	Rohr, Inc.	13/11/2015	3023648	15194520.1	
3023725	ENGIE	19/11/2015	3023725	15195481.5	French
3023845	Sony Corporation	15/10/2015	3023845	15189974.7	
3024183	ZTE Corporation	05/03/2014	3024183	14772693.9	
3024261	Samsung Electronics Co., Ltd.	23/11/2015	3024261	15195932.7	
3024470	Erber Aktiengesellschaft	23/07/2014	3024470	14758068.2	German
3024600	EchoVista GmbH	22/07/2014	3024600	14753023.2	
3025221	Samsung Electronics Co., Ltd.	01/09/2014	3025221	14839599.9	
3025287	Promega Corporation	08/07/2014	3025287	14829998.5	
3026633	Samsung Electronics Co., Ltd.	16/11/2015	3026633	15194810.6	
3026773	General Electric Company	10/11/2015	3026773	15193972.5	
3026838	China Academy of Telecommunications Technology	22/07/2014	3026838	14829547.0	

3026875	Xiaomi Inc.	19/11/2015	3026875	15195325.4	
3027119	Covidien LP	30/07/2014	3027119	14831368.7	
3027159	Kimberly-Clark Worldwide, Inc.	14/07/2014	3027159	14832350.4	
3027547	KONE Corporation	26/06/2014	3027547	14831971.8	
3028248	MBDA UK Limited	30/07/2014	3028248	14749964.4	
3028507	NEC Corporation	17/07/2014	3028507	14747993.5	
3028749	Skis Rossignol	27/11/2015	3028749	15196899.7	French
3029020	Shin-Etsu Chemical Co., Ltd.	30/11/2015	3029020	15197129.8	
3029119	FUJIFILM Corporation	12/06/2014	3029119	14832874.3	
3029323	LG Electronics Inc.	26/11/2015	3029323	15196574.6	
3029361	United Technologies Corporation	19/10/2015	3029361	15190344.0	
3029522	Shin-Etsu Chemical Co., Ltd.	17/11/2015	3029522	15194993.0	
3029695	Fujikura Ltd.	31/07/2014	3029695	14831498.2	
3029702	Schneider Electric Industries SAS	17/11/2015	3029702	15194869.2	French
3030154	Koninklijke Philips N.V.	07/08/2014	3030154	14781273.9	
3030816	Woodward, Inc.	08/08/2014	3030816	14755948.8	
3030914	ERS electronic GmbH	30/07/2014	3030914	14744590.2	German
3031723	Airbus Operations GmbH	30/11/2015	3031723	15196956.5	
3031961	Hergeth, Hubert	16/11/2015	3031961	15194689.4	German
3032847	Harman International Industries, Incorporated	30/11/2015	3032847	15197018.3	
3033445	Bio-Rad Laboratories, Inc.	12/08/2014	3033445	14836787.3	
3033467	Lutron Technology Company LLC	14/08/2014	3033467	14755757.3	
3033658	Microchip Technology Incorporated	16/07/2014	3033658	14755440.6	
3033747	Sony Corporation	30/07/2014	3033747	14755163.4	
3036615	General Electric Company	18/08/2014	3036615	14759387.5	
3037092	Enzychem Lifesciences Corporation Korea Research Institute of Bioscience and Biotechnology	18/08/2014	3037092	14838256.7	
3037093	Enzychem Lifesciences Corporation Korea Research Institute of Bioscience and Biotechnology	19/08/2014	3037093	14838604.8	
3037231	Kabushiki Kaisha Miyanaga	06/08/2014	3037231	14838507.3	
3037714	Kabushiki Kaisha Toshiba Toshiba Materials Co., Ltd.	11/08/2014	3037714	14834413.8	
3038194	Samsung SDI Co., Ltd.	24/11/2015	3038194	15196108.3	
3038577	GE Healthcare UK Limited	07/08/2014	3038577	14750459.1	

3038674	SHL Medical AG	21/08/2014	3038674	14771790.4	
3038678	Sanofi-Aventis Deutschland GmbH	26/08/2014	3038678	14755380.4	
3038794	MDS Coating Technologies Corp.	18/08/2014	3038794	14841223.2	
3039127	GlaxoSmithKline Biologicals S.A. KM Biologics Co., Ltd.	28/08/2014	3039127	14758351.2	
3039308	Litens Automotive Partnership	27/08/2014	3039308	14839455.4	
3039385	Scholle IPN IP B.V.	27/08/2014	3039385	14784379.1	
3039627	Thales Dis France SA	01/09/2014	3039627	14758392.6	
3040223	MAHLE Filter Systems Japan Corporation	21/08/2014	3040223	14840298.5	
3040770	LG Display Co., Ltd.	08/09/2015	3040770	15184287.9	
3040799	Caspro, S.A.	04/11/2015	3040799	15192942.9	
3040804	Samsung Electronics Co., Ltd.	06/08/2014	3040804	14840870.1	
3041743	GE Aviation Systems LLC	06/09/2013	3041743	13762969.7	
3042651	Enzychem Lifesciences Corporation Korea Research Institute of Bioscience and Biotechnology	03/09/2014	3042651	14841734.8	
3043153	Krohne AG	23/11/2015	3043153	15195778.4	German
3043187	ABB Schweiz AG	09/01/2015	3043187	15150612.8	
3043483	Huawei Technologies Co., Ltd.	07/11/2013	3043483	13897204.7	
3043512	ZTE Corporation	18/06/2014	3043512	14852023.2	
3043578	Headwater Research LLC	18/01/2010	3043578	16152669.4	
3044091	Universita' Degli Studi di Firenze	05/09/2014	3044091	14808710.9	
3044643	Sartorius Stedim Biotech GmbH	24/06/2014	3044643	14738727.8	German
3044769	Telefonaktiebolaget LM Ericsson (publ)	10/09/2013	3044769	13893524.2	
3044881	Qualcomm Incorporated	10/09/2014	3044881	14776776.8	
3044922	Qualcomm Incorporated	10/09/2014	3044922	14781980.9	
3044996	Convida Wireless, LLC	12/09/2014	3044996	14780929.7	
3045151	Stryker European Holdings I, LLC	14/01/2016	3045151	16151375.9	
3045217	IP Tech Pte. Ltd.	06/11/2013	3045217	13893669.5	
3045333	TOYOTA JIDOSHA KABUSHIKI KAISHA	11/01/2016	3045333	16150805.6	
3046002	Samsung Electronics Co., Ltd.	15/01/2016	3046002	16151476.5	
3046372	Samsung Electronics Co., Ltd. Korea University Research and Business Foundation	18/01/2016	3046372	16151660.4	
3047359	Apple Inc.	03/09/2014	3047359	14772001.5	

3047575	u-blox AG	18/09/2014	3047575	14786121.5	
3047594	Telefonaktiebolaget LM Ericsson (publ)	18/09/2013	3047594	13893956.6	
3047812	Biedermann Technologies GmbH & Co. KG	22/11/2010	3047812	16155903.4	
3048009	Amazon Technologies, Inc.	22/09/2005	3048009	16157049.4	
3048290	United Technologies Corporation	20/11/2015	3048290	15195710.7	
3048463	Sony Corporation	31/07/2014	3048463	14845578.5	
3048915	NIKE Innovate C.V.	08/07/2014	3048915	14747198.1	
3049979	Codexis, Inc.	26/09/2014	3049979	14786396.3	
3050016	Dematic Corp.	03/06/2014	3050016	14847289.7	
3050583	Asahi Kasei Medical Co., Ltd.	22/03/2011	3050583	16157832.3	
3051141	PFEIFFER VACUUM GMBH	30/01/2015	3051141	15153248.8	German
3051145	PFEIFFER VACUUM GMBH	28/01/2015	3051145	15152906.2	German
3052036	DeGen Medical, Inc.	30/09/2014	3052036	14793667.8	
3052291	Saint-Gobain Glass France	26/09/2014	3052291	14796203.9	French
3052516	Boehringer Ingelheim Animal Health USA Inc.	02/10/2014	3052516	14789683.1	
3053079	Ticto	06/10/2014	3053079	14825255.4	
3053627	NUVECTRA CORPORATION	27/04/2012	3053627	16153724.6	
3054018	Härterei Reese Bochum GmbH	03/02/2016	3054018	16154103.2	German
3054738	Huawei Technologies Co., Ltd.	01/11/2013	3054738	13896662.7	
3054880	Biomet SAS	10/10/2014	3054880	14795869.8	
3055097	M-Solv Ltd	09/05/2014	3055097	14723865.3	
3055448	Sillectra GmbH	08/10/2014	3055448	14781551.8	German
3055480	iReamer, LLC	03/10/2014	3055480	14853080.1	
3055507	United Technologies Corporation	02/10/2014	3055507	14851901.0	
3056148	Biosense Webster (Israel) Ltd.	12/02/2016	3056148	16155431.6	
3056150	Biosense Webster (Israel) Ltd.	12/02/2016	3056150	16155496.9	
3056924	Mitsubishi Electric Corporation	11/10/2013	3056924	13895308.8	
3057153	Samsung SDI Co., Ltd.	29/01/2016	3057153	16153353.4	
3057240	Metanoia Communications Inc.	12/02/2016	3057240	16155405.0	
3057719	Audeze, LLC Colich, Dragoslav Cadle, Kris	17/10/2014	3057719	14853809.3	
3057754	Covestro Deutschland AG	13/10/2014	3057754	14784053.2	German
3057755	Covestro Deutschland AG	13/10/2014	3057755	14789206.1	German
3058420	Funoogles, LLC	15/10/2014	3058420	14854580.9	

3059069	Meccanoplastica Iberica Pet Division, S.L.	17/02/2016	3059069	16382065.7	
3059137	ALSTOM Transport Technologies	11/02/2016	3059137	16155295.5	French
3060177	JOTEC GmbH	16/10/2014	3060177	14784251.2	German
3060327	Donaldson Company, Inc.	23/10/2014	3060327	14795914.2	
3060362	ASK Chemicals GmbH	21/10/2014	3060362	14796675.8	German
3060443	Jaguar Land Rover Limited	21/10/2014	3060443	14792775.0	
3060538	BASF SE	13/10/2014	3060538	14783853.6	German
3060646	Roche Sequencing Solutions, Inc.	23/10/2014	3060646	14855736.6	
3060877	Master Blaster Proprietary Limited	15/10/2014	3060877	14868631.4	
3061023	OneVisage SA	24/10/2014	3061023	14806055.1	
3061285	Deutsche Telekom AG	26/09/2014	3061285	14776871.7	
3061292	Huawei Technologies Co., Ltd.	14/11/2014	3061292	14862674.0	
3063013	Hewlett-Packard Development Company, L.P.	30/10/2013	3063013	13896204.8	
3063028	Saint-Gobain Glass France	30/07/2014	3063028	14759017.8	French
3063110	General Electric Company	19/08/2014	3063110	14843190.1	
3063137	Innospec Limited	03/11/2014	3063137	14793279.2	
3063279	Uchida, Hiroaki Cohen, Justus Glorioso III, Joseph C. Grandi, Paola University of Pittsburgh - Of the Commonwealth System of Higher Education	28/10/2014	3063279	14859119.1	
3063370	Maersk Olie & Gas A/S	30/10/2014	3063370	14790631.7	
3063838	InterDigital CE Patent Holdings	28/10/2014	3063838	14793969.8	
3064050	CLAAS Saulgau GmbH	23/02/2016	3064050	16156904.1	German
3064251	MT.DERM GmbH	06/03/2015	3064251	15158066.9	German
3064523	LG Chem, Ltd.	16/11/2015	3064523	15840982.1	
3064747	Yanmar Co., Ltd. Japan Ship Machinery & Equipment Association	27/10/2014	3064747	14858310.7	
3065186	Nichia Corporation	31/07/2008	3065186	16161817.8	
3065269	Mitsubishi Electric Corporation	31/10/2013	3065269	13896228.7	
3065810	Becton, Dickinson and Company Ltd.	04/11/2014	3065810	14799635.9	

3065811	Becton Dickinson and Company Limited	04/11/2014	3065811	14799638.3	
3065812	Becton Dickinson and Company Limited	04/11/2014	3065812	14799640.9	
3066240	AUTEFA Solutions Germany GmbH	06/11/2014	3066240	14805198.0	German
3066427	Daniel Measurement and Control, Inc.	21/05/2014	3066427	14847641.9	
3066529	AVL List GmbH	05/11/2014	3066529	14796034.8	German
3066796	Cisco Technology, Inc.	31/10/2014	3066796	14802273.4	
3067549	Nifco Korea Inc.	06/11/2013	3067549	13897014.0	
3067766	Spring Technologies	10/03/2016	3067766	16159558.2	French
3067944	Samsung Electronics Co., Ltd.	19/08/2015	3067944	15181558.6	
3068223	Janat-Amsbury, Margit, Maria THE INDUSTRY & ACADEMIC COOPERATION IN CHUNGNAM NATIONAL UNIVERSITY (IAC) Peterson, Charles, Matthew University of Utah Research Foundation	23/06/2014	3068223	14862229.3	
3068471	Sanofi-Aventis Deutschland GmbH	10/11/2014	3068471	14796749.1	
3068481	Thermotek, Inc.	10/11/2014	3068481	14860558.7	
3068632	SEB IP Holdings Limited	13/11/2014	3068632	14809604.3	
3069092	Gottlöber, Manfred IPCO Germany GmbH	22/10/2014	3069092	14786683.4	German
3069212	Microsoft Technology Licensing, LLC	11/11/2014	3069212	14812023.1	
3069321	Université d'Aix Marseille Centre National de la Recherche Scientifique (C.N.R.S.)	07/11/2014	3069321	14806040.3	French
3069562	Nokia Solutions and Networks GmbH & Co. KG	14/11/2013	3069562	13801995.5	
3069979	HONDA MOTOR CO., LTD.	20/01/2016	3069979	16152015.0	
3070064	Secil-Companhia Geral de Cal e Cimento S.A.	16/03/2016	3070064	16020084.6	
3070075	Fuso Pharmaceutical Industries, Ltd.	12/11/2014	3070075	14861241.9	
3070135	LG Chem, Ltd.	17/11/2014	3070135	14862999.1	
3070489	Veoneer Sweden AB	20/10/2014	3070489	14862318.4	
3070524	Ricoh Company, Ltd.	18/03/2016	3070524	16161088.6	
3070835	Mitsubishi Electric Corporation	11/11/2013	3070835	13897096.7	

3071040	MEMPHIS MEATS, INC. The Curators of the University of Missouri	30/10/2014	3071040	14858383.4	
3071055	Omniblend Innovation Pty Ltd	19/11/2014	3071055	14864265.5	
3071267	Sanofi-Aventis Deutschland GmbH	17/11/2014	3071267	14799434.7	
3071467	Siemens Mobility GmbH	10/02/2014	3071467	14705315.1	German
3071802	Safran Aircraft Engines	13/11/2014	3071802	14821704.5	French
3071840	KSB SE & Co. KGaA	10/11/2014	3071840	14796487.8	German
3071921	Rheinmetall Soldier Electronics GmbH	18/11/2014	3071921	14802848.3	German
3071955	Kemira Oyj	24/11/2014	3071955	14809070.7	
3072032	Hewlett-Packard Development Company, L.P.	21/11/2013	3072032	13897750.9	
3072169	3M Innovative Properties Company	18/11/2014	3072169	14864264.8	
3072229	Huawei Technologies Co., Ltd.	04/01/2015	3072229	15755349.6	
3072257	Samsung Electronics Co., Ltd.	21/11/2014	3072257	14864084.0	
3072322	IDEMIA France	21/11/2014	3072322	14821726.8	French
3072379	Deere & Company	23/02/2016	3072379	16156889.4	German
3072793	HONDA MOTOR CO., LTD.	22/03/2016	3072793	16161506.7	
3072884	SANWA KAGAKU KENKYUSHO CO., LTD. Ube Industries, Ltd.	19/11/2014	3072884	14863377.9	
3072922	Kaneka Corporation	19/11/2014	3072922	14864413.1	
3072967	Ajinomoto Co., Inc.	21/11/2014	3072967	14864940.3	
3073121	Hamilton Sundstrand Corporation	22/03/2016	3073121	16161696.6	
3073153	Valeo Embrayages	09/02/2016	3073153	16154859.9	French
3073154	Amarillo Gear Company LLC	29/03/2016	3073154	16162620.5	
3073269	Tecan Trading AG	29/07/2013	3073269	16169209.0	German
3073463	DESIGNA Verkehrsleittechnik GmbH	15/03/2016	3073463	16160417.8	German
3073854	Maor, Moshe	27/11/2014	3073854	14866416.2	
3074220	Kuraray Europe GmbH	27/11/2014	3074220	14805576.7	German
3074360	Calix Ltd	19/11/2014	3074360	14865329.8	
3074404	The Regents of the University of California	19/02/2015	3074404	15707499.8	
3074656	Aston Martin Lagonda Limited	27/11/2014	3074656	14806366.2	
3074695	Fives Stein	25/11/2014	3074695	14803102.4	French
3075049	KeyMed (Medical & Industrial Equipment) Ltd.	25/11/2014	3075049	14803235.2	

3075229	Techtronic Industries Co., Ltd.	06/01/2016	3075229	16150343.8	
3075268	PT. Gudang Garam Tbk.	27/05/2015	3075268	15169472.6	
3075648	Korea Institute Of Ocean Science & Technology	12/03/2015	3075648	15808535.7	
3075688	Technologies Re-Innovation Packing SAS	25/03/2016	3075688	16162483.8	French
3076728	Nomad Digital Limited	28/04/2015	3076728	15165535.4	
3076732	Sharp Kabushiki Kaisha	26/11/2014	3076732	14865259.7	
3077218	PSA Automobiles SA	07/11/2014	3077218	14806035.3	French
3077222	Compagnie Générale des Etablissements Michelin	25/11/2014	3077222	14802887.1	French
3077259	Renault S.A.S.	04/11/2014	3077259	14809459.2	French
3077560	Erasteel Aubert & Duval	28/11/2014	3077560	14805276.4	
3079877	Sulzer Management AG	06/11/2014	3079877	14802603.2	
3080398	Ansaldo Energia IP UK Limited	24/11/2014	3080398	14805811.8	
3081925	Ishida Co., Ltd.	11/11/2014	3081925	14869756.8	
3081934	Metallogenics Co., Ltd.	11/11/2014	3081934	14869109.0	
3082639	Hürzeler/Zuhr Academy GmbH	07/11/2014	3082639	14793865.8	German
3084051	William Marsh Rice University	27/08/2014	3084051	14873077.3	
3084560	Samsung Electronics Co., Ltd.	07/11/2014	3084560	14871054.4	
3084797	Eaton Corporation	12/11/2014	3084797	14802577.8	
3085309	Covidien LP	14/04/2016	3085309	16165259.9	
3085430	Green Vision Holding B.V.	18/04/2016	3085430	16165884.4	
3085462	ECOSTAR S.r.l.	22/04/2016	3085462	16166548.4	
3085737	Novamont S.p.A.	04/11/2010	3085737	16172414.1	
3085952	General Electric Company	14/04/2016	3085952	16165310.0	
3086061	LG Electronics Inc.	19/10/2015	3086061	15850565.1	
3086187	LG Electronics Inc.	21/04/2016	3086187	16166318.2	
3086216	LG Electronics Inc.	03/11/2015	3086216	15192733.2	
3086293	Sony Interactive Entertainment Inc.	25/04/2014	3086293	14871365.4	
3087014	Pangaea Labs Ltd. Affinitea Brewing Technologies, Inc.	25/11/2014	3087014	14875179.5	
3087450	Intel Corporation	26/11/2014	3087450	14875838.6	
3088100	United Technologies Corporation	29/04/2016	3088100	16167665.5	
3088568	Showa Co., Ltd.	18/11/2014	3088568	14834058.1	

3088690	Rolls-Royce Corporation Rolls-Royce North American Technologies, Inc. Rolls-Royce plc Rolls-Royce High Temperature Composites, Inc.	18/04/2016	3088690	16165823.2	
3088703	General Electric Company	28/04/2016	3088703	16167564.0	
3088753	Treemagineers Ltd	27/04/2016	3088753	16167250.6	
3089546	Sony Corporation	07/11/2014	3089546	14874719.9	
3090145	United Technologies Corporation	05/11/2014	3090145	14863499.1	
3091318	Carrier Corporation	06/05/2016	3091318	16168597.9	
3091799	Huawei Technologies Co., Ltd.	29/01/2014	3091799	14881056.7	
3091812	Huawei Technologies Co., Ltd.	11/02/2014	3091812	14882187.9	
3091884	Kenwood Limited	09/01/2015	3091884	15700160.3	
3092355	Välinge Innovation AB	11/11/2014	3092355	14816113.6	German
3092413	Nuovo Pignone S.r.l.	07/01/2015	3092413	15701678.3	
3092834	Vodafone IP Licensing Limited	08/01/2015	3092834	15700912.7	
3093161	Sumitomo Rubber Industries, Ltd.	06/01/2015	3093161	15734967.1	
3093343	Kanagawa Prefectural Hospital Organization Juntendo Educational Foundation	09/01/2015	3093343	15735080.2	
3093734	Immersion Corporation	21/04/2016	3093734	16166421.4	
3093778	Palantir Technologies Inc.	13/05/2016	3093778	16169679.4	
3094133	Huawei Technologies Co., Ltd.	29/01/2014	3094133	14880786.0	
3094221	Keurig Green Mountain, Inc.	15/01/2015	3094221	15701912.6	
3094250	Senseonics, Incorporated	12/01/2015	3094250	15735051.3	
3094271	Arthrex, Inc	13/01/2015	3094271	15701640.3	
3094468	I.M.A. Industria Macchine Automatiche S.p.A.	16/01/2015	3094468	15705708.4	
3095298	OSRAM GmbH	05/11/2014	3095298	14796031.4	German
3095384	SAMTD GmbH & Co. KG	28/04/2016	3095384	16000963.5	German
3095600	Sonoco Development, Inc.	19/05/2016	3095600	16170327.7	
3096182	Qioptiq Photonics GmbH & Co. KG	19/05/2015	3096182	15168209.3	
3096212	DreamWorks Animation LLC	17/05/2016	3096212	16169954.1	
3096301	Wincor Nixdorf International GmbH	19/05/2015	3096301	15168190.5	
3096318	Nokia Technologies Oy	13/10/2014	3096318	16177002.9	
3096694	ConforMIS, Inc.	21/01/2015	3096694	15740445.0	

3096726	Avent, Inc.	23/01/2015	3096726	15702929.9	
3097241	Monier Roofing GmbH	08/01/2015	3097241	15706054.2	
3097508	Thales eSecurity, Inc.	20/01/2015	3097508	15740360.1	
3097727	Qualcomm Incorporated	12/01/2015	3097727	15702042.1	
3098082	The Boeing Company	16/03/2016	3098082	16160553.0	
3098622	Consilium SAL Navigation AB	29/05/2015	3098622	15169770.3	
3098910	Panasonic Industrial Devices SUNX Co., Ltd.	23/03/2016	3098910	16161891.3	
3099000	Sharp Kabushiki Kaisha	20/10/2010	3099000	16180231.9	
3099750	OCE-Technologies B.V.	30/01/2015	3099750	15704238.3	
3100520	Intel IP Corporation	29/01/2015	3100520	15743389.7	
3100636	Hidan Co., Ltd.	31/01/2014	3100636	14880967.6	
3101685	Renesas Electronics Corporation	29/01/2014	3101685	14824341.3	
3102134	Acublate, Inc. Park, Byongho	06/02/2015	3102134	15746061.9	
3102178	Robertet S.A.	06/02/2015	3102178	15707703.3	French
3102275	NASAL MEDICAL LIMITED	20/03/2015	3102275	15765915.2	
3102449	Phoenix Contact GmbH & Co. KG	08/01/2015	3102449	15700972.1	German
3102654	Baker Hughes, a GE company, LLC	30/01/2015	3102654	15746577.4	
3102869	Strauss Water Ltd	01/02/2015	3102869	15705721.7	
3103281	Telefonaktiebolaget LM Ericsson (publ)	06/02/2014	3103281	14703344.3	
3103398	Boston Scientific Scimed, Inc.	30/08/2010	3103398	16174437.0	
3103463	Pluristem Ltd.	02/09/2008	3103463	16166860.3	
3103715	Kay Seven Co. Ltd. Sasaki, Noriyuki Yamanaka Shipbuilding Co., Ltd. Kamome Propeller Co., Ltd. National Institute of Maritime, Port and Aviation Technology	19/11/2014	3103715	14881168.0	
3103937	Geberit International AG	12/06/2015	3103937	15171865.7	German
3104003	MHI Vestas Offshore Wind A/S	27/03/2012	3104003	16164721.9	
3104838	Pfizer Inc.	13/02/2015	3104838	15707019.4	
3104874	Reponex Pharmaceuticals A/S	05/02/2015	3104874	15704275.5	
3104918	Becton, Dickinson and Company	23/04/2015	3104918	15783328.6	
3104962	Alfa Laval Corporate AB	09/02/2015	3104962	15703079.2	
3105244	The University Of Queensland	10/02/2015	3105244	15746637.6	

3105703	Unicon universal identity control GmbH	12/02/2015	3105703	15704525.3	German
3105839	Liebherr-Aerospace Lindenberg GmbH	29/01/2015	3105839	15701675.9	German
3106296	Ramspott GmbH & Co. KG	16/06/2015	3106296	15172361.6	German
3107278	LG Electronics Inc.	12/11/2015	3107278	15003231.6	
3107618	Repro-Med Systems, Inc.	20/02/2015	3107618	15752776.3	
3107880	Engel, Guenter	13/02/2015	3107880	15711642.7	German
3107980	IFP Energies nouvelles	12/02/2015	3107980	15704004.9	French
3108343	Tanvas, Inc. Northwestern University	20/02/2015	3108343	15751619.6	
3108453	My Virtual Reality Software AS	18/02/2015	3108453	15706747.1	
3108631	Teclio Networks AG	20/02/2014	3108631	14706016.4	
3109006	ROBERT BOSCH GMBH	08/06/2016	3109006	16173477.7	German
3109069	CarCaddy UG (haftungsbeschränkt) & Co. KG	09/06/2016	3109069	16173694.7	German
3110033	Datang Mobile Communications Equipment Co., Ltd.	09/02/2015	3110033	15752765.6	
3111611	Telefonaktiebolaget LM Ericsson (publ)	17/02/2015	3111611	15704576.6	
3111729	Signify Holding B.V.	16/02/2015	3111729	15711291.3	
3112089	ROBERT BOSCH GMBH	02/05/2016	3112089	16167921.2	German
3112605	United Technologies Corporation	30/06/2016	3112605	16177212.4	
3112625	Eaton Intelligent Power Limited	19/04/2013	3112625	16183788.5	
3112639	Yanmar Co., Ltd. Japan Ship Machinery & Equipment Association	27/01/2015	3112639	15754974.2	
3113114	Huawei Technologies Co. Ltd.	08/05/2015	3113114	15792406.9	
3113230	LG Display Co., Ltd.	30/06/2016	3113230	16177110.0	
3114298	Renault S.A.S.	10/02/2015	3114298	15706901.4	French
3114866	Telefonaktiebolaget LM Ericsson (publ)	04/03/2014	3114866	14884491.3	
3114950	NIKE Innovate C.V.	10/09/2013	3114950	16185002.9	
3115518	Grohe AG	15/06/2016	3115518	16001353.8	German
3116119	Hamilton Sundstrand Corporation	20/06/2016	3116119	16175219.1	
3116168	Google LLC	05/10/2012	3116168	16182356.2	
3116683	Erwin Junker Grinding Technology a.s.	13/03/2015	3116683	15709511.8	German
3116902	Cellectis	11/03/2015	3116902	15709185.1	
3117109	Bayerische Motoren Werke Aktiengesellschaft	17/02/2015	3117109	15706731.5	German

3118501	IHI Corporation	15/05/2015	3118501	15811481.9	
3118876	Kabushiki Kaisha Tokai Rika Denki Seisakusho	05/03/2015	3118876	15761921.4	
3118900	Ricoh Company, Ltd.	13/07/2016	3118900	16179228.8	
3118919	Teknologian tutkimuskeskus VTT Oy	19/06/2007	3118919	16183293.6	
3119020	Huawei Technologies Co. Ltd.	31/03/2014	3119020	14888008.1	
3119477	H. Lee Moffitt Cancer Center And Research Institute, Inc. University Of South Florida	20/03/2015	3119477	15765854.3	
3119806	Eli Lilly and Company	13/03/2015	3119806	15764397.4	
3120230	Apple Inc.	20/05/2016	3120230	16727900.9	
3121019	Funai Electric Co., Ltd.	07/07/2016	3121019	16178389.9	
3121042	Truma Gerätetechnik GmbH & Co. KG	20/07/2016	3121042	16180398.6	German
3121160	Daikin Industries, Ltd.	19/03/2015	3121160	15765516.8	
3121294	ANDRITZ Sundwig GmbH	11/07/2016	3121294	16178842.7	German
3121375	SAFRAN AERO BOOSTERS S.A.	12/07/2016	3121375	16179050.6	French
3121468	NTN Corporation	11/03/2015	3121468	15760991.8	
3121579	Leonardo S.p.A.	22/07/2016	3121579	16180916.5	
3121582	Putz, Stefan	21/07/2016	3121582	16001609.3	German
3121970	Shenzhen Goodix Technology Co., Ltd.	12/08/2014	3121970	14886158.6	
3122781	Xencor, Inc.	30/03/2015	3122781	15720820.8	
3122833	3M Innovative Properties Company	26/03/2014	3122833	14887195.7	
3122929	Archroma IP GmbH	20/03/2015	3122929	15711192.3	
3123046	Schaeffler Technologies AG & Co. KG	12/03/2015	3123046	15718433.4	German
3123221	CommScope Connectivity Belgium BVBA	27/03/2015	3123221	15713454.5	
3123449	Apple Inc.	25/03/2014	3123449	14713085.0	
3123559	Thomson Licensing	20/03/2015	3123559	15714141.7	
3124168	Mitsubishi Heavy Industries, Ltd.	16/01/2015	3124168	15768630.4	
3124751	Rolls-Royce plc	19/07/2016	3124751	16180075.0	
3125103	VMware, Inc.	23/08/2012	3125103	16183605.1	
3125126	Huawei Technologies Co., Ltd.	29/10/2013	3125126	16164174.1	
3125259	NTN Corporation	18/03/2015	3125259	15768781.5	
3125260	ABB Schweiz AG	31/07/2015	3125260	15179227.2	
3125594	Huawei Technologies Co., Ltd.	28/09/2014	3125594	14889488.4	
3125739	Fertigo Medical Ltd.	01/04/2015	3125739	15774222.2	
3125968	Gambro Lundia AB	26/03/2015	3125968	15715598.7	

3126067	Cleandrone, S.L.	02/04/2015	3126067	15713893.4	
3126142	Saudi Basic Industries Corporation SABIC Global Technologies B.V.	31/03/2015	3126142	15714195.3	
3126687	Becker Marine Systems GmbH	27/03/2015	3126687	15712904.0	German
3127169	Nederlandse Organisatie voor toegepast- natuurwetenschappelijk Onderzoek TNO	31/03/2015	3127169	15715998.9	
3127303	Google Technology Holdings LLC	27/03/2015	3127303	15719326.9	
3127691	Mitsubishi Heavy Industries Machinery Systems, Ltd.	27/05/2015	3127691	15809044.9	
3127738	Hitachi Automotive Systems, Ltd.	02/04/2015	3127738	15773135.7	
3127856	Linde Material Handling GmbH	01/07/2016	3127856	16177465.8	German
3128307	WESTON AEROSPACE LIMITED	27/07/2016	3128307	16181475.1	
3128358	SONY CORPORATION	11/08/2010	3128358	16188898.7	
3128704	Sanechips Technology Co., Ltd.	22/09/2014	3128704	14887743.4	
3128794	Huawei Technologies Co., Ltd.	22/04/2014	3128794	14890117.6	
3129064	Madrigal Pharmaceuticals, Inc.	03/03/2015	3129064	15758717.1	
3129146	Greiner Bio-One GmbH	08/04/2015	3129146	15747355.4	German
3129496	The University Court Of The University of Edinburgh	07/04/2015	3129496	15717596.9	
3129956	Mimo AG	30/03/2015	3129956	15717402.0	
3130022	Maxwell Technologies, Inc.	07/04/2015	3130022	15777236.9	
3130061	Moteurs Leroy-Somer	09/04/2015	3130061	15725879.9	French
3130169	EyeVerify Inc.	30/03/2015	3130169	15716330.4	
3130210	Texas Instruments Incorporated	10/04/2015	3130210	15777499.3	
3130569	Sekisui Chemical Co., Ltd.	09/04/2015	3130569	15776478.8	
3130903	Mitsubishi Electric Corporation	09/04/2015	3130903	15777420.9	
3131429	Colgate-Palmolive Company	07/05/2014	3131429	14729173.6	
3131847	Arkema France	01/04/2015	3131847	15725713.0	French
3132026	Intervet International B.V.	16/04/2015	3132026	15717159.6	
3132432	Gentex Corporation	17/04/2015	3132432	15779393.6	
3132433	Gentex Corporation	16/04/2015	3132433	15779928.9	
3132555	Telefonaktiebolaget LM Ericsson (publ)	15/04/2014	3132555	14717785.1	
3132811	Ethicon LLC	17/08/2016	3132811	16184575.5	
3132853	Metso Minerals Industries, Inc.	21/08/2015	3132853	15182030.5	
3133585	Samsung Display Co., Ltd.	19/08/2016	3133585	16185001.1	
3134557	Eurotab	22/04/2015	3134557	15716853.5	French

3134869	Cathx Research Ltd.	24/04/2015	3134869	15722665.5	
3134939	Apple Inc.	20/03/2015	3134939	15715562.3	
3135476	Samsung Display Co., Ltd.	21/07/2016	3135476	16180505.6	
3136302	Linxens Holding	25/08/2016	3136302	16185642.2	French
3136456	Seoul Semiconductor Co., Ltd.	20/04/2015	3136456	15782991.2	
3136531	Huawei Technologies Co. Ltd.	12/01/2015	3136531	15796254.9	
3136682	Tech Mahindra Limited	25/08/2016	3136682	16185751.1	
3136778	Huawei Technologies Co. Ltd.	16/05/2014	3136778	14891879.0	
3137068	The University of Birmingham	01/05/2015	3137068	15721030.3	
3137639	National Coupling Company, Inc.	28/04/2015	3137639	15785859.8	
3137987	Huawei Technologies Co. Ltd.	15/03/2016	3137987	16764237.0	
3138158	TE Connectivity Corporation	20/04/2015	3138158	15719570.2	
3138220	Telefonaktiebolaget LM Ericsson (publ)	28/04/2014	3138220	14719784.2	
3138423	Japan Tobacco Inc.	30/04/2015	3138423	15785768.1	
3138784	Greatview Beijing Trading Co., Ltd.	29/04/2015	3138784	15786188.1	
3138936	JFE Steel Corporation	22/04/2015	3138936	15786615.3	
3139560	Sanechips Technology Co., Ltd.	30/09/2014	3139560	14890824.7	
3139782	Energy Laser S.r.l.	05/05/2014	3139782	14729723.8	
3139791	Ocusoft, Inc.	08/05/2015	3139791	15789029.4	
3139847	Titan Spine, Inc.	08/05/2015	3139847	15722908.9	
3140003	Pyrexar Medical Inc.	07/05/2015	3140003	15789332.2	
3140836	Technip France	30/04/2015	3140836	15770962.7	
3140966	Telefonaktiebolaget LM Ericsson (publ)	09/05/2014	3140966	14723420.7	
3141315	Atlas Copco IAS UK Limited	03/03/2009	3141315	16191973.3	
3141839	Riello S.p.A.	08/09/2016	3141839	16187766.7	
3141973	Alfa Laval Corporate AB	11/09/2015	3141973	15184920.5	
3142067	Koninklijke Philips N.V.	29/09/2010	3142067	16184423.8	
3142117	TP Vision Holding B.V.	14/09/2015	3142117	15185117.7	
3142188	Huawei Technologies Co., Ltd.	06/06/2014	3142188	14893708.9	
3142349	Sony Corporation	24/03/2015	3142349	15789651.5	
3142616	3M Innovative Properties Company	06/05/2015	3142616	15724138.1	
3142951	Tetra Laval Holdings & Finance S.A.	07/05/2015	3142951	15722699.4	
3143087	Rohm and Haas Company	28/04/2015	3143087	15721489.1	
3143223	Unlimited Liability LLC	08/05/2015	3143223	15727110.7	
3143821	Sun Patent Trust	16/05/2014	3143821	14892051.5	
3143898	Travel Caddy, Inc.	07/03/2015	3143898	16188900.1	

3144396	President and Fellows of Harvard College	27/10/2011	3144396	16191064.1	
3144400	JFE Steel Corporation	11/05/2015	3144400	15793201.3	
3144445	BAM Deutschland AG	15/09/2016	3144445	16188999.3	German
3144615	Messer Group GmbH	14/07/2016	3144615	16179477.1	German
3144847	NXP B.V.	25/08/2016	3144847	16185741.2	
3144897	Imagination Technologies Limited	18/03/2011	3144897	16197248.4	
3145244	Huawei Technologies Co. Ltd.	17/06/2014	3145244	14895273.2	
3145618	Hydac Fluidcarecenter GmbH	18/04/2015	3145618	15719144.6	German
3145689	The Regents of the University of California	20/05/2015	3145689	15795499.1	
3145948	Angany Inc.	20/05/2015	3145948	15732775.0	French
3146628	Qualcomm Incorporated	07/05/2015	3146628	15727107.3	
3146753	Xad, Inc.	19/05/2015	3146753	15796440.4	
3147545	Müller, Friedrich	31/08/2016	3147545	16186624.9	German
3147685	Veoneer Sweden AB	22/09/2015	3147685	15186291.9	
3147902	Canon Kabushiki Kaisha	12/08/2016	3147902	16183924.6	
3147984	Cummins Enterprise LLC	20/09/2016	3147984	16189764.0	
3148181	Sony Corporation	07/04/2015	3148181	15796584.9	
3148256	Huawei Technologies Co. Ltd.	08/07/2014	3148256	14897406.6	
3148335	Evonik Operations GmbH	27/04/2015	3148335	15717517.5	
3148702	National Research Council of Canada	26/05/2015	3148702	15800407.7	
3149368	CeramTec GmbH	20/05/2015	3149368	15723948.4	German
3149924	Cafex Communications, Ltd.	28/05/2015	3149924	15726735.2	
3150071	Kaak Groep B.V.	12/09/2016	3150071	16188409.3	
3150927	Samsung Electronics Co., Ltd.	04/05/2016	3150927	16168419.6	
3151351	Valdinox, S.L.	26/05/2015	3151351	15799205.8	
3152443	Borgwarner Inc.	05/06/2015	3152443	15729714.4	
3152457	Kendrion (Markdorf) GmbH	03/06/2015	3152457	15733636.3	German
3153072	Carey, Kevin	28/09/2016	3153072	16190983.3	
3153335	Sumitomo Rubber Industries, Ltd.	07/09/2016	3153335	16187515.8	
3153398	Esteyco SA Sea Wind Towers S.L.	27/05/2015	3153398	15800536.3	
3153437	Forbo Siegling Japan Ltd.	15/04/2015	3153437	15803307.6	
3153465	L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	05/10/2015	3153465	15400044.2	German

3153847	SYSMEX CORPORATION	07/10/2016	3153847	16192789.2	
3154263	Acer Incorporated	26/05/2011	3154263	16201302.3	
3154537	Merck Sharp & Dohme Corp.	11/06/2015	3154537	15806506.0	
3154604	Universität Duisburg-Essen	10/06/2015	3154604	15730096.3	German
3155348	WIPH, LLC	12/06/2015	3155348	15806365.1	
3155474	Verily Life Sciences LLC	15/05/2015	3155474	15805825.5	
3155701	Audi AG	30/05/2015	3155701	15730389.2	German
3155725	LG Electronics Inc.	27/11/2014	3155725	14853187.4	
3155741	Aurora Networks, Inc.	16/07/2015	3155741	15747873.6	
3156178	Hangzhou Great Star Tools Co., Ltd. Hangzhou Great Star Industrial Co., Ltd.	13/06/2014	3156178	14894623.9	
3156236	Konica Minolta, Inc.	11/05/2015	3156236	15807488.0	
3156549	SDB IP Holdings, LLC	19/04/2013	3156549	16189017.3	
3156947	NXP B.V.	12/10/2015	3156947	15189388.0	
3157092	Samsung SDI Co., Ltd.	14/10/2015	3157092	15189704.8	
3157359	Jb Scientific, Llc	01/06/2015	3157359	15803868.7	
3157728	Vinventions USA, LLC	19/06/2015	3157728	15738522.0	
3158209	Bayerische Motoren Werke Aktiengesellschaft	01/06/2015	3158209	15726943.2	German
3158234	Jaguar Land Rover Limited	23/06/2015	3158234	15733385.7	
3158651	Teko Telecom S.r.l.	15/06/2015	3158651	15732443.5	
3159192	CarCaddy UG (haftungsbeschränkt) & Co. KG	11/10/2016	3159192	16193322.1	German
3159202	Kabushiki Kaisha Toshiba	14/01/2015	3159202	15809988.7	
3159296	Kiswire Ltd.	18/06/2015	3159296	15808960.7	
3159503	Rolls-Royce plc	10/10/2016	3159503	16193032.6	
3159734	BOE Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	18/11/2014	3159734	14891618.2	
3159973	Switchlab Inc. Switchlab (Shanghai) Co., Ltd.	19/10/2016	3159973	16194538.1	
3160004	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	27/03/2015	3160004	15886804.2	
3161900	Faster Faster Inc.	30/06/2015	3161900	15815100.1	
3162313	K2M, Inc.	24/10/2016	3162313	16195240.3	

3162388	Ethicon LLC	28/10/2016	3162388	16196387.1	
3162638	DENSO CORPORATION	16/06/2015	3162638	15810910.8	
3162789	Zeon Corporation	30/06/2015	3162789	15814347.9	
3162886	COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES Institut National de la Santé et de la Recherche Médicale	27/10/2016	3162886	16196122.2	French
3163158	GE Lighting Solutions, LLC	27/10/2016	3163158	16196069.5	
3163872	Panasonic Intellectual Property Management Co., Ltd.	26/06/2015	3163872	15814021.0	
3164283	Stabilus GmbH	29/06/2015	3164283	15734111.6	German
3164369	Corning Incorporated	24/07/2015	3164369	15745110.5	
3164716	SeNostic Health GmbH	01/07/2015	3164716	15742188.4	
3164755	Murata Manufacturing Co., Ltd.	30/06/2015	3164755	15742100.9	
3165076	Bannaski, Max	03/11/2016	3165076	16002331.3	German
3165209	Samsung Electronics Co., Ltd.	03/11/2016	3165209	16197111.4	
3165259	Kagan, Eugen	07/11/2016	3165259	16197566.9	German
3165357	Hao Ying Machine Enterprise Co., Ltd.	06/11/2015	3165357	15193550.9	
3165358	Dexerials Corporation	27/05/2015	3165358	15825390.6	
3165448	Airbus Operations, S.L.	05/11/2015	3165448	15382543.5	
3165562	Kaimann GmbH	06/11/2015	3165562	15193557.4	
3165563	Kaimann GmbH	07/11/2016	3165563	16197504.0	
3165717	United Technologies Corporation	04/11/2016	3165717	16197401.9	
3165728	MAN Truck & Bus SE	14/09/2016	3165728	16002000.4	German
3165768	Hyundai Motor Company	04/03/2016	3165768	16158743.1	
3165778	MTU Aero Engines AG	05/11/2015	3165778	15193274.6	German
3165807	ROVIP	03/11/2016	3165807	16197142.9	French
3165980	Fibro GmbH	25/10/2016	3165980	16195398.9	German
3166159	ETESIA (Société par actions simplifiée)	08/11/2016	3166159	16306463.7	French
3166234	Intel Corporation	11/04/2013	3166234	16190527.8	
3166628	Cambridge Enterprise Limited	09/07/2015	3166628	15739658.1	
3166884	Shell Internationale Research Maatschappij B.V.	06/07/2015	3166884	15732756.0	
3167052	Codexis, Inc.	08/07/2015	3167052	15818953.0	
3167376	Qualcomm Incorporated	09/07/2015	3167376	15739744.9	
3167557	Sony Corporation	02/07/2015	3167557	15738010.6	

3167871	Daito Kasei Kogyo Co., Ltd.	18/07/2014	3167871	14897233.4	
3167915	Murata Manufacturing Co., Ltd.	10/07/2015	3167915	15818979.5	
3167969	F.O.M. Industrie S.r.l.	10/11/2016	3167969	16198288.9	
3168240	Dainichiseika Color & Chemicals Mfg. Co., Ltd.	03/07/2015	3168240	15818900.1	
3168403	Seidl, Thomas	24/11/2015	3168403	15003348.8	German
3168593	IVECO FRANCE S.A.S.	11/11/2016	3168593	16198540.3	
3168599	FURUNO ELECTRIC CO., LTD.	11/11/2016	3168599	16198456.2	
3168657	Automotive Lighting Reutlingen GmbH	11/11/2016	3168657	16198483.6	German
3168721	Samsung Electronics Co., Ltd.	04/11/2016	3168721	16197416.7	
3168730	LG Electronics Inc.	24/10/2016	3168730	16195225.4	
3169154	Politécnico Colombiano Jaime Isaza Cadavid Universidad Nacional de Colombia	14/07/2015	3169154	15760245.9	
3169281	Vrije Universiteit Brussel	08/07/2015	3169281	15754004.8	
3169562	Valeo Systèmes d'Essuyage	16/07/2015	3169562	15738371.2	French
3169854	Ideal Standard International NV	20/07/2015	3169854	15741299.0	
3170296	Viaccess	10/07/2015	3170296	15759510.9	French
3170337	Alcatel Lucent	06/07/2015	3170337	15741703.1	
3170420	Dexel S.A.	20/11/2015	3170420	15195690.1	French
3170458	Covidien LP	21/11/2016	3170458	16199743.2	
3170581	United Technologies Corporation	17/11/2016	3170581	16199295.3	
3170586	Tohoku Magnet Institute Co., Ltd.	17/07/2015	3170586	15821921.2	
3170845	LG Chem, Ltd.	30/09/2015	3170845	15846466.9	
3170940	Geberit International AG	18/11/2015	3170940	15020231.5	German
3170979	United Technologies Corporation	18/11/2016	3170979	16199681.4	
3171021	Linde Hydraulics GmbH & Co. KG	24/10/2016	3171021	16195300.5	German
3171168	United Technologies Corporation	17/11/2016	3171168	16199358.9	
3171224	BROTHER KOGYO KABUSHIKI KAISHA	23/03/2011	3171224	16205889.5	
3172250	Dow Global Technologies LLC	23/07/2015	3172250	15745705.2	
3172370	BSH Hausgeräte GmbH	20/07/2015	3172370	15739282.0	German
3172556	NPL Management Limited	24/07/2015	3172556	15756438.6	
3172624	ASML Netherlands B.V.	26/06/2015	3172624	15734325.2	
3173328	Airbus Operations, S.L.	26/11/2015	3173328	15382588.0	
3173482	Kyoto University	08/07/2015	3173482	15818679.1	
3173540	BLANCO GmbH + Co KG	11/11/2016	3173540	16198366.3	German

3173541	BLANCO GmbH + Co KG	11/11/2016	3173541	16198360.6	German
3173545	Wessendorf Systembeschichtungen GmbH	23/09/2016	3173545	16190464.4	German
3173661	Harmonic Drive Systems Inc.	03/07/2015	3173661	15824574.6	
3173841	Henke-Sass, Wolf GmbH	03/11/2016	3173841	16197009.0	German
3174333	LG Electronics Inc.	23/07/2015	3174333	15824659.5	
3174846	Solvay SA	29/07/2015	3174846	15750657.7	
3175495	Orthogonal Inc.	31/07/2015	3175495	15826514.0	
3175561	Corning Incorporated	29/07/2015	3175561	15745749.0	
3175720	Tian, Jianhua	03/08/2015	3175720	15827115.5	
3175928	Musashi Engineering, Inc.	17/07/2015	3175928	15826303.8	
3175936	Aida Engineering, Ltd.	28/11/2016	3175936	16200859.3	
3175953	SNA Europe Industries Iberia, S.A.	29/07/2014	3175953	14898619.3	
3176227	BOE Technology Group Co., Ltd. Beijing BOE Optoelectronics Technology Co., Ltd.	21/11/2014	3176227	14882768.6	
3176334	Hitachi Construction Machinery Co., Ltd.	13/07/2015	3176334	15827955.4	
3176367	General Electric Company	22/11/2016	3176367	16200008.7	
3176539	YSystems Ltd.	30/07/2014	3176539	14898549.2	
3176636	Sony Corporation	12/06/2015	3176636	15826795.5	
3176654	Schneider Electric Industries SAS	22/11/2016	3176654	16200066.5	French
3176784	Dolby International AB	07/01/2014	3176784	16192075.6	
3176923	MITSUBISHI ELECTRIC CORPORATION	20/10/2015	3176923	15894511.3	
3177215	Stryker Corporation	27/07/2015	3177215	15747338.0	
3177426	CeramTec-Etec GmbH	10/08/2015	3177426	15750395.4	German
3177439	BIC-Violex S.A.	04/08/2014	3177439	14747045.4	
3177495	Guitton, Pascal	28/07/2015	3177495	15756202.6	French
3177522	Johnson Outdoors Inc.	25/06/2015	3177522	15829825.7	
3178045	Dropbox, Inc.	29/06/2015	3178045	15734049.8	
3178513	Fisher & Paykel Healthcare Limited	03/06/2010	3178513	16205443.1	
3178969	Okuno Chemical Industries Co., Ltd.	28/07/2015	3178969	15829133.6	
3179035	United Technologies Corporation	23/11/2016	3179035	16200354.5	

3179511	Semiconductor Manufacturing International (Beijing) Corporation Semiconductor Manufacturing International (Shanghai) Corporation	23/11/2016	3179511	16200266.1	
3179656	ZTE Corporation	26/11/2014	3179656	14888620.3	
3179770	NTT DOCOMO, INC.	05/08/2015	3179770	15830364.4	
3180620	X4 Pharmaceuticals (Austria) GmbH	12/08/2015	3180620	15750708.8	
3182143	Schneider Electric Industries SAS	17/11/2016	3182143	16199248.2	French
3182178	Oji Holdings Corporation	30/06/2015	3182178	15822124.2	
3182377	Shenyang Neusoft Medical Systems Co., Ltd.	29/11/2016	3182377	16201077.1	
3182504	Airbus Defence and Space GmbH	14/11/2016	3182504	16198697.1	German
3182565	WILO SE	15/11/2016	3182565	16002423.8	German
3182809	CH Lighting Technology Co., Ltd.	19/04/2016	3182809	16801119.5	
3183087	Illinois Tool Works Inc.	09/07/2015	3183087	15751164.3	
3183097	Hobart Brothers Company	15/07/2015	3183097	15742508.3	
3183126	Corning Optical Communications LLC	17/08/2015	3183126	15756297.6	
3183343	Novozymes A/S	20/08/2015	3183343	15754188.9	
3183388	Kemira Oyj	18/08/2015	3183388	15756676.1	
3183933	Telefonaktiebolaget LM Ericsson (publ)	19/08/2014	3183933	14753076.0	
3184085	ABBOTT CARDIOVASCULAR SYSTEMS INC.	17/08/2011	3184085	16207622.8	
3184235	Kosmek Ltd.	25/11/2015	3184235	15864511.9	
3184590	Fujifilm Corporation	21/08/2015	3184590	15833893.9	
3184626	Research Institute Of Innovative Technology For The Earth	20/08/2015	3184626	15834577.7	
3185338	Xiamen Tungsten Co., Ltd. GS Yuasa International Ltd.	17/08/2015	3185338	15833059.7	
3185416	STMicroelectronics S.r.l.	22/06/2016	3185416	16175666.3	
3185697	Duarte Vieira, Francisco José	25/08/2014	3185697	14900756.9	
3186124	Jaguar Land Rover Limited	22/07/2015	3186124	15739601.1	
3186321	BASF SE	25/08/2015	3186321	15753698.8	German
3186370	Instytut Biochemii I Biofizyki Polskiej Akademii Nauk Instytut Immunologii i Terapii Doswiadczalnej Polskiej Akademii Nauk	27/08/2015	3186370	15780935.1	

3186425	3M Innovative Properties Company	25/08/2015	3186425	15836947.0	
3186445	Klein, Amos	25/08/2015	3186445	15836648.4	
3186448	Caterpillar Inc.	31/07/2015	3186448	15747955.1	
3186505	Eco 5 GmbH	28/08/2015	3186505	15836806.8	
	Envision Energy (Denmark) ApS				
3186783	Carestream Dental Technology Topco Limited	27/08/2014	3186783	14900491.3	
3186802	Huawei International Pte. Ltd.	16/09/2015	3186802	15771294.4	
3186939	Ibiquity Digital Corporation	18/08/2015	3186939	15756763.7	
3187197	Emory University	18/08/2011	3187197	17152900.1	
	The United States Government Represented by the Department of Veterans Affairs				
3187677	Profine GmbH	02/01/2017	3187677	17150076.2	German
3188648	Allflex USA, Inc.	05/11/2015	3188648	15857279.2	
3188793	Atacor Medical, Inc.	04/09/2015	3188793	15838169.9	
3188928	Brose Fahrzeugteile GmbH & Co. KG, Coburg	19/08/2015	3188928	15750772.4	German
3189218	Jacobs Vehicle Systems, Inc.	04/09/2015	3189218	15837829.9	
3189231	Vestas Wind Systems A/S	28/08/2015	3189231	15759374.0	
3189282	Samsung Electronics Co., Ltd.	03/11/2015	3189282	15863921.1	
3189348	Thales	04/09/2015	3189348	15760148.5	French
3189374	Oxxius	19/08/2015	3189374	15759675.0	French
3189523	Uniwersytet Jagiellonski Uniwersytet Rolniczy im. Hugona Kollataja w Krakowie	08/06/2015	3189523	15744711.1	
3189575	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	03/09/2015	3189575	15757291.8	German
3189606	Mitsubishi Electric Corporation	31/08/2015	3189606	15767342.7	
3190667	Japan Aviation Electronics Industry, Ltd.	23/11/2016	3190667	16200351.1	
3191214	Mycelx Technologies Corporation	31/08/2015	3191214	15840936.7	
3191221	IFP Energies nouvelles	21/08/2015	3191221	15759689.1	French
3191520	Genentech, Inc.	11/09/2015	3191520	15770739.9	
3191551	PPG Industries Ohio, Inc.	03/09/2015	3191551	15871313.1	
3191805	Endress+Hauser SE+Co. KG	19/08/2015	3191805	15753029.6	German
3191892	E Ink Corporation	10/09/2015	3191892	15839834.7	

3191925	Joylabz LLC	08/09/2015	3191925	15840129.9	
3191971	QUALCOMM Incorporated	31/08/2015	3191971	15763158.1	
3192263	HUAWEI TECHNOLOGIES CO., LTD.	02/10/2015	3192263	15784820.1	
3192399	himolla Polstermöbel GmbH	12/01/2017	3192399	17151284.1	German
3193230	Sikorsky Aircraft Corporation	12/01/2017	3193230	17151148.8	
3193645	Talon Technologies Inc.	14/10/2015	3193645	15852894.3	
3193720	Koninklijke Philips N.V.	01/09/2015	3193720	15767593.5	
3193907	Ferring BV	14/09/2015	3193907	15772107.7	
3194284	DSG Technology LLC	16/09/2015	3194284	15842003.4	
3194392	Plexxikon, Inc.	10/09/2015	3194392	15771345.4	
3194661	ILC DOVER LP	16/10/2014	3194661	14902096.8	
3195108	Nok Nok Labs, Inc.	16/09/2015	3195108	15841530.7	
3195493	MediaTek Inc.	16/09/2015	3195493	15844516.3	
3195846	Kuraray Noritake Dental Inc.	16/09/2015	3195846	15842045.5	
3196428	General Electric Company	17/01/2017	3196428	17151786.5	
3196487	Renault s.a.s	04/01/2017	3196487	17150222.2	French
3196532	Trui, Wen-Der	16/01/2017	3196532	17151554.7	
3197014	Panasonic Intellectual Property Management Co., Ltd.	21/08/2015	3197014	15836895.1	
3197106	Huawei Technologies Co., Ltd.	28/10/2014	3197106	14905150.0	
3197692	WESTFALIA - Automotive GmbH	22/09/2015	3197692	15774883.1	German
3197766	Decathlon	17/09/2015	3197766	15788466.9	French
3198043	AUTOTECH ENGINEERING S.L.	22/09/2015	3198043	15766545.6	
3198201	Paul Hettich GmbH & Co. KG	07/09/2015	3198201	15763272.0	German
3198555	Google LLC	29/07/2015	3198555	15750528.0	
3198822	128 Technology, Inc.	12/08/2015	3198822	15844361.4	
3199490	SIDEL PARTICIPATIONS	28/01/2016	3199490	16305078.4	
3199584	NOK Corporation	18/09/2015	3199584	15844761.5	
3199830	Valeo Embrayages	25/01/2017	3199830	17153098.3	French
3199983	Kolon Industries, Inc.	25/09/2015	3199983	15844402.6	
3200405	ZTE Corporation	17/04/2015	3200405	15845105.4	
3200526	Huawei Technologies Co., Ltd.	31/10/2014	3200526	14905256.5	
3201087	Sikorsky Aircraft Corporation	29/09/2015	3201087	15848071.5	
3201416	Jasno International B.V.	01/10/2015	3201416	15826197.4	
3201509	Flexsteel Pipeline Technologies, Inc.	29/09/2015	3201509	15845615.2	

3201555	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	01/10/2015	3201555	15788205.1	French
3202224	ARRIS Enterprises LLC	30/09/2014	3202224	14903035.5	
3202620	Rohm Co., Ltd.	03/09/2015	3202620	15846425.5	
3202833	Sekisui Plastics Co., Ltd.	09/09/2015	3202833	15847052.6	
3202836	Kaneka Corporation	16/09/2015	3202836	15848048.3	
3202916	Hummingbird Diagnostics GmbH	07/02/2011	3202916	16206425.7	
3202939	Hitachi Metals, Ltd.	05/10/2015	3202939	15846497.4	
3203091	HEWI Heinrich Wilke GmbH	04/02/2016	3203091	16154277.4	German
3203477	Watanabe, Hiroshi	26/01/2017	3203477	17153235.1	
3203490	Fujikura Ltd.	28/09/2015	3203490	15846531.0	
3203651	KMW Inc.	02/10/2014	3203651	14903085.0	
3203652	KMW Inc.	02/10/2014	3203652	14903153.6	
3203661	LG Electronics Inc.	18/11/2014	3203661	14902979.5	
3203672	Datang Mobile Communications Equipment Co., Ltd.	10/09/2015	3203672	15847085.6	
3204200	Edgewell Personal Care Brands, LLC	06/10/2015	3204200	15781546.5	
3205141	T-Mobile USA, Inc.	06/10/2015	3205141	15849735.4	
3205630	Heraeus Quarzglas GmbH & Co. KG	26/02/2016	3205630	16157577.4	German
3205893	Fluiten Italia S.p.A.	13/02/2017	3205893	17155819.0	
3206295	Yamaha Hatsudoki Kabushiki Kaisha	24/11/2015	3206295	15863113.5	
3206296	Yamaha Hatsudoki Kabushiki Kaisha	24/11/2015	3206296	15864204.1	
3206517	Hanes Operations Europe SAS	14/10/2015	3206517	15784487.9	
3206956	Amcor Rigid Plastics USA, LLC	17/10/2014	3206956	14904005.7	
3207211	Swellfix UK Limited	30/09/2015	3207211	15781751.1	
3207487	Symantec Corporation	13/10/2015	3207487	15788504.7	
3207734	Vodafone IP Licensing Limited	13/10/2015	3207734	15781064.9	
3207815	Hartjes Gesellschaft m.b.H.	06/02/2017	3207815	17154770.6	German
3207818	Amorepacific Corporation	19/11/2015	3207818	15862297.7	
3207881	Covidien LP	21/02/2017	3207881	17157259.7	
3208134	Ford Global Technologies, LLC	07/02/2017	3208134	17155038.7	
3208410	PALAZZETTI LELIO SPA	22/02/2017	3208410	17157304.1	
3208718	Comcast Cable Communications, LLC	17/02/2017	3208718	17156758.9	
3208926	Daikin Industries, Ltd.	29/09/2015	3208926	15850597.4	
3209047	NEC Corporation	09/10/2015	3209047	15849906.1	
3209341	Histocell, S.L.	23/10/2015	3209341	15784393.9	
3209991	Proactive Analytics Limited	22/10/2015	3209991	15800887.0	

3210134	Microsoft Technology Licensing, LLC	14/10/2015	3210134	15785011.6	
3210404	QUALCOMM Incorporated	21/10/2015	3210404	15858109.0	
3210654	Life Fitness, LLC	17/02/2017	3210654	17156663.1	
3210719	db-matik AG	18/01/2017	3210719	17151906.9	German
3210926	Otis Elevator Company	20/02/2017	3210926	17157016.1	
3210990	Shenyang Fuyang Pharmaceutical Technology Co., Ltd.	25/05/2011	3210990	17166117.6	
3211120	Goodrich Corporation	27/02/2017	3211120	17158227.3	
3211336	LG Electronics Inc.	29/11/2016	3211336	16201093.8	
3211637	Yamaha Corporation	20/10/2015	3211637	15852291.2	
3211934	Huawei Technologies Co., Ltd.	13/11/2014	3211934	14906086.5	
3212054	STEAM E HOLDINGS LIMITED	29/10/2015	3212054	15790216.4	
3212121	Koninklijke Philips N.V.	23/10/2015	3212121	15790682.7	
3212269	Cogentix Medical, Inc.	22/10/2015	3212269	15855436.0	
3212740	thyssenkrupp Industrial Solutions AG thyssenkrupp AG	23/10/2015	3212740	15790488.9	German
3212810	Genia Technologies, Inc.	28/10/2015	3212810	15855632.4	
3212936	Samsung Electronics Co., Ltd.	10/11/2015	3212936	15868613.9	
3212974	Fisher Controls International LLC	28/10/2015	3212974	15791856.6	
3213557	Telefonaktiebolaget LM Ericsson (publ)	20/10/2015	3213557	15855451.9	
3213688	Biosense Webster (Israel) Ltd.	08/07/2014	3213688	17164601.1	
3213726	Optrel Holding AG	03/03/2016	3213726	16158451.1	German
3213977	JTEKT CORPORATION	21/02/2017	3213977	17157237.3	
3214274	General Electric Company	22/02/2017	3214274	17157451.0	
3214277	United Technologies Corporation	22/02/2017	3214277	17157479.1	
3214839	Huawei Technologies Co. Ltd.	28/11/2014	3214839	14907163.1	
3214989	Tennant Company	16/10/2015	3214989	15787399.3	
3215173	Xellia Pharmaceuticals ApS	06/11/2015	3215173	15791287.4	
3215267	Exxonmobil Research And Engineering Company	20/10/2015	3215267	15795258.1	
3215354	ProTec Polymer Processing GmbH	02/11/2015	3215354	15791275.9	German
3215418	Boards & More GmbH	03/11/2015	3215418	15795128.6	German
3215641	Eurodia Industrie SA	03/11/2015	3215641	15798532.6	French
3215798	LG Electronics Inc.	06/11/2015	3215798	15856232.2	
3216279	Samsung Electronics Co., Ltd.	03/11/2015	3216279	15857938.3	
3216405	Guangzhou T. K Medical Instrument Co., Ltd.	03/11/2015	3216405	15857795.7	

3216795	LG Chem, Ltd.	06/11/2015	3216795	15857360.0	
3216801	Guangdong Xiangxue Life Sciences, Ltd.	04/11/2015	3216801	15857032.5	
3216911	BSH Hausgeräte GmbH	15/02/2017	3216911	17156306.7	German
3217173	The Noguchi Institute	30/10/2015	3217173	15857668.6	
3217204	Nikon Corporation	06/11/2015	3217204	15857370.9	
3217229	MONTRES BREGUET S.A.	07/03/2016	3217229	16158888.4	French
3217814	JT International SA	12/11/2015	3217814	15794173.3	
3217815	JT International SA	05/11/2015	3217815	15790565.4	
3217943	C4C GmbH	11/11/2015	3217943	15808342.8	German
3217955	Unilever PLC	02/11/2015	3217955	15787640.0	
3218136	KUKA Deutschland GmbH	12/11/2015	3218136	15805118.5	German
3218209	SAME DEUTZ-FAHR ITALIA S.p.A.	21/10/2015	3218209	15798561.5	
3218219	PSA Automobiles SA	23/10/2015	3218219	15798501.1	French
3218271	Hanan, Jay Clarke Niagara Bottling, LLC	12/11/2015	3218271	15859648.6	
3218272	Guertin, Richard	16/11/2015	3218272	15858786.5	
3218299	Alfred Kärcher SE & Co. KG	12/11/2014	3218299	14796764.0	German
3218331	Dynitec GmbH	09/11/2015	3218331	15801346.6	German
3218451	Volvo Truck Corporation	14/11/2014	3218451	14905886.9	
3218532	Ineos Technologies SA	29/10/2015	3218532	15787202.9	
3218568	National Oilwell Varco Norway AS	13/11/2015	3218568	15797161.5	
3218882	Inventio AG	03/11/2015	3218882	15791562.0	German
3218944	Ricoh Company, Ltd.	27/10/2015	3218944	15859307.9	
3219071	ALSTOM Transport Technologies	12/11/2015	3219071	15794553.6	
3219501	Seiko Epson Corporation	24/02/2017	3219501	17157788.5	
3219742	LG Chem, Ltd.	16/11/2015	3219742	15840984.7	
3219787	Denka Company Limited Tabata, Yasuhiko	10/11/2015	3219787	15858264.3	
3219808	Kyoto University	13/11/2015	3219808	15859983.7	
3220232	Kyocera Corporation	11/11/2015	3220232	15859504.1	
3220238	Sony Corporation	04/11/2015	3220238	15859349.1	
3220261	Samsung Electronics Co., Ltd.	09/03/2017	3220261	17160152.9	
3220774	Paul Hettich GmbH & Co. KG	03/11/2015	3220774	15793734.3	German
3220843	EPiX Therapeutics, Inc.	18/11/2015	3220843	15860246.6	
3221088	Hilti Aktiengesellschaft	17/11/2015	3221088	15797981.6	German
3221102	Doppstadt Familienholding GmbH	19/11/2015	3221102	15823589.5	German

3221152	Seiko Epson Corporation	11/11/2015	3221152	15802212.9	
3221176	MANITOU BF	19/11/2015	3221176	15804904.9	French
3221271	Fives Stein	19/11/2015	3221271	15798053.3	French
3221560	Eaton Corporation	16/11/2015	3221560	15861774.6	
3221795	Alibaba Group Holding Limited	18/11/2015	3221795	15861816.5	
3222140	Giordano Poultry Plast S.p.A.	25/11/2016	3222140	16200771.0	
3222648	Mitsubishi Chemical Corporation	19/11/2015	3222648	15861679.7	
3222661	Fujikura Ltd.	20/11/2015	3222661	15860294.6	
3222926	Hitachi-Johnson Controls Air Conditioning, Inc.	16/09/2015	3222926	15860354.8	
3223919	Marioff Corporation OY	27/11/2014	3223919	14809663.9	
3224015	Borealis AG	20/11/2015	3224015	15797367.8	
3224175	thyssenkrupp AG thyssenkrupp Elevator AG	10/11/2015	3224175	15791306.2	German
3224185	thyssenkrupp Elevator AG thyssenkrupp AG	13/11/2015	3224185	15794183.2	German
3224187	thyssenkrupp Elevator AG thyssenkrupp AG	13/11/2015	3224187	15794558.5	German
3224331	Merck Patent GmbH	19/11/2015	3224331	15813261.3	German
3224340	Anheuser-Busch InBev S.A.	25/11/2015	3224340	15801771.5	
3224377	AIT Austrian Institute of Technology GmbH	24/11/2015	3224377	15801743.4	
3224405	Veneto Nanotech S.C.P.A. Construction Research & Technology GmbH	10/08/2015	3224405	15750692.4	
3224954	ABB Schweiz AG	30/11/2015	3224954	15816875.7	
3225042	Qualcomm Incorporated	10/11/2015	3225042	15801038.9	
3225332	Sintokogio, Ltd. Fujiwa Denki Co., Ltd.	26/11/2014	3225332	14906970.0	
3225449	Schaeffler Technologies AG & Co. KG	10/10/2015	3225449	15864207.4	German
3225667	CHUGOKU MARINE PAINTS, LTD.	24/11/2015	3225667	15862920.4	
3226154	SAP SE	21/11/2016	3226154	16002471.7	
3226818	Stomydo B.V.	30/11/2015	3226818	15841076.1	
3226954	Merit Medical Systems, Inc.	30/11/2015	3226954	15865761.9	
3227230	SOLIDpower SA	30/11/2015	3227230	15816376.6	
3227373	Covestro Deutschland AG	26/11/2015	3227373	15801775.6	German
3228195	Kao Corporation	11/11/2015	3228195	15864378.3	

3228254	3DIntegrated ApS	20/02/2015	3228254	17169285.8	
3228295	Curaco, Inc.	27/07/2015	3228295	15865946.6	
3228305	JOHNSON & JOHNSON CONSUMER INC.	07/04/2017	3228305	17165566.5	
3228661	LG Chem, Ltd.	24/11/2016	3228661	16870968.1	
3229093	IHI Corporation	17/02/2016	3229093	16752507.0	
3229432	Sony Corporation	05/10/2015	3229432	15856983.0	
3229443	Sony Corporation	20/11/2015	3229443	15865032.5	
3229621	Nicoventures Holdings Limited	13/11/2015	3229621	15797159.9	
3229843	CURADIGM SAS	24/11/2015	3229843	15801384.7	
3230304	Centrient Pharmaceuticals Netherlands B.V.	04/12/2015	3230304	15804793.6	
3231240	Qualcomm Incorporated	03/11/2015	3231240	15798271.1	
3231537	BORCELIK CELIK SAN. TIC. A.S.	21/03/2017	3231537	17162167.5	
3231587	Technology Research Association for Future Additive Manufacturing	25/02/2015	3231587	15784917.5	
3231692	MAN Truck & Bus SE	03/04/2017	3231692	17164488.3	German
3231781	BYD Company Limited	24/11/2015	3231781	15868073.6	
3231946	Caterpillar Inc.	20/03/2017	3231946	17161895.2	
3231952	M-PLUS Bauprodukte AG	11/04/2017	3231952	17166057.4	German
3232006	United Technologies Corporation	11/04/2017	3232006	17166091.3	
3232143	Bruker Switzerland AG	06/04/2017	3232143	17165148.2	German
3232302	Nissha Co., Ltd.	26/11/2015	3232302	15872604.2	
3232531	LG Chem, Ltd.	27/11/2015	3232531	15868538.8	
3232608	ZTE Corporation	30/11/2015	3232608	15867738.5	
3232644	Gogo LLC	12/11/2013	3232644	17174246.3	
3233025	Henkel AG & Co. KGaA	12/11/2015	3233025	15793838.2	German
3233352	Illinois Tool Works Inc.	18/10/2015	3233352	15787409.0	
3234529	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	25/11/2015	3234529	15802027.1	French
3234560	Hewlett-Packard Development Company, L.P.	30/01/2015	3234560	15880448.4	
3235528	B. Braun Avitum AG	18/04/2016	3235528	16165845.5	
3235587	Harima Chemicals, Inc.	24/02/2015	3235587	15869567.6	
3235617	Ecovent Kabushiki Kaisha	15/04/2015	3235617	15889169.7	
3236280	THALES	06/04/2017	3236280	17165289.4	French
3236671	YAMAHA Corporation	18/04/2017	3236671	17166822.1	

3238517	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	25/04/2017	3238517	17167925.1	
3238555	Salkovic, Elvis Salkovic, Sadat Feizollahi, Dariusch	28/04/2016	3238555	16167572.3	German
3239745	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	20/04/2017	3239745	17167326.2	German
3239846	Beijing Xiaomi Mobile Software Co., Ltd.	15/02/2017	3239846	17156301.8	
3239984	Quanta Computer Inc.	06/04/2017	3239984	17165233.2	
3240369	LG Innotek Co., Ltd.	05/11/2015	3240369	15873468.1	
3240524	Unilever PLC	24/11/2015	3240524	15798135.8	
3240553	Sami Labs Limited	07/01/2016	3240553	16884099.9	
3241000	Endress+Hauser Flowtec AG	18/11/2015	3241000	15795199.7	German
3241137	IDEMIA France	27/11/2015	3241137	15808762.7	French
3241397	Apple Inc.	03/02/2016	3241397	16747216.6	
3241684	Riso Kagaku Corporation	27/03/2017	3241684	17163026.2	
3242147	Rosemount Aerospace Inc.	28/04/2017	3242147	17168694.2	
3242247	Shenzhen Goodix Technology Co., Ltd.	21/07/2016	3242247	16880563.8	
3242465	BlackBerry Limited	24/03/2011	3242465	17175613.3	
3243419	Jiangsu Midea Cleaning Appliances Co., Ltd.	12/08/2015	3243419	15876601.4	
3243637	NIKE Innovate C.V.	17/07/2013	3243637	17001048.2	
3243748	Sikorsky Aircraft Corporation	02/03/2017	3243748	17158968.2	
3244052	MRA Systems, LLC	04/05/2017	3244052	17169552.1	
3244068	PFEIFFER VACUUM GMBH	10/05/2016	3244068	16168948.4	German
3244400	Harman Becker Automotive Systems GmbH	11/05/2016	3244400	16169157.1	
3244709	ION BEAM APPLICATIONS S.A.	13/05/2016	3244709	16169494.8	
3245199	Boehringer Ingelheim International GmbH	07/01/2016	3245199	16700073.6	
3245297	Muzeum i Instytut Zoologii Polskiej Akademii Nauk	11/06/2015	3245297	15744709.5	
3246128	Berhalter, Eberhard	10/05/2017	3246128	17170490.1	German
3246309	Nissan Chemical Corporation	13/01/2016	3246309	16737383.6	
3246346	Sumitomo Rubber Industries, Ltd.	27/10/2015	3246346	15884673.3	
3246704	Fujifilm Corporation	08/01/2016	3246704	16737193.9	

3246784	NXP USA, Inc.	19/05/2016	3246784	16305577.5	
3247324	Colgate-Palmolive Company	24/06/2016	3247324	16817201.3	
3247502	Dürr Systems AG	13/01/2016	3247502	16700387.0	German
3247641	Nicoventures Holdings Limited	21/01/2016	3247641	16701858.9	
3247829	Picanol	18/11/2015	3247829	15798028.5	
3248084	Samsung Electronics Co., Ltd.	19/01/2016	3248084	16740371.6	
3248322	Telefonaktiebolaget LM Ericsson (publ)	22/01/2016	3248322	16702212.8	
3248399	Nokia Solutions and Networks Oy	20/01/2015	3248399	15701503.3	
3248448	Honeywell International Inc.	14/01/2016	3248448	16740522.4	
3248571	Miele & Cie. KG	08/05/2017	3248571	17169844.2	German
3248910	FAUN Umwelttechnik GmbH & Co. KG	09/05/2017	3248910	17170088.3	German
3249194	ContiTech Fluid Shanghai Co., Ltd.	02/05/2017	3249194	17168905.2	German
3249745	AGC Inc.	09/05/2017	3249745	17170117.0	
3249909	Funai Electric Co., Ltd.	22/05/2017	3249909	17172189.7	
3249923	GE Video Compression, LLC	09/11/2012	3249923	17180285.3	
3250178	BASF SE	15/01/2016	3250178	16700634.5	German
3250454	Calzoni S.r.l.	26/01/2016	3250454	16709131.3	
3250857	Siemens Aktiengesellschaft	30/03/2016	3250857	16713412.1	German
3250979	TDK Corporation	25/11/2015	3250979	15801149.4	German
3251451	Huawei Technologies Co., Ltd.	13/11/2015	3251451	15879794.4	
3251550	The Procter & Gamble Company	30/06/2016	3251550	16177188.6	
3251596	Terumo Kabushiki Kaisha	01/10/2015	3251596	15879820.7	
3251770	Nippon Steel Corporation	25/01/2016	3251770	16742962.0	
3252471	Tauns Co., Ltd.	27/01/2016	3252471	16743434.9	
3252472	Tauns Co., Ltd.	27/01/2016	3252472	16743435.6	
3252543	CompliTime SA	01/06/2016	3252543	16172376.2	French
3252909	Solaredge Technologies Ltd.	17/05/2017	3252909	17171489.2	
3252973	NEC Corporation	25/01/2016	3252973	16742965.3	
3252994	PROTON WORLD INTERNATIONAL N.V.	18/11/2016	3252994	16199688.9	
3254018	Valeo Vision	05/02/2016	3254018	16706984.8	French
3254409	Telefonaktiebolaget LM Ericsson (publ)	03/02/2015	3254409	15704252.4	
3254479	Telefonaktiebolaget LM Ericsson (publ)	05/02/2015	3254479	15709771.8	
3255323	Eagle Industry Co., Ltd.	28/01/2016	3255323	16746496.5	
3255421	coatmaster AG	10/06/2016	3255421	16001320.7	
3255770	Huawei Technologies Co., Ltd.	02/11/2015	3255770	15890604.0	

3255854	LG Electronics Inc.	04/11/2015	3255854	15881307.1	
3255855	LG Electronics Inc.	04/11/2015	3255855	15881308.9	
3256349	ASG Group Ltd	22/03/2016	3256349	16713973.2	
3256544	Gentex Corporation	10/02/2016	3256544	16749826.0	
3256808	thyssenkrupp Marine Systems GmbH thyssenkrupp AG	07/01/2016	3256808	16700167.6	German
3257329	Signify Holding B.V.	11/02/2016	3257329	16703812.4	
3257446	Hitachi, Ltd.	25/01/2016	3257446	16749021.8	
3257449	Ethicon LLC	14/03/2014	3257449	17166816.3	
3257852	Zhejiang Hisun Pharmaceutical Co., Ltd. Shanghai Institute Of Pharmaceutical Industry	12/02/2015	3257852	15881512.6	
3257876	Mitsui Chemicals, Inc.	08/02/2016	3257876	16749207.3	
3257977	Tsuchiya Co., Ltd. Mitsubishi Heavy Industries, Ltd. Akita University	09/02/2016	3257977	16749233.9	
3258044	Wilh. Schlechtendahl & Söhne GmbH & Co. KG	22/03/2017	3258044	17000479.0	German
3258989	Medtronic Minimed, Inc.	11/02/2016	3258989	16713140.8	
3259586	Hibot Corporation Saudi Arabian Oil Company	03/02/2016	3259586	16715862.5	
3259819	OneSubsea IP UK Limited	19/02/2015	3259819	15706376.9	
3260025	Melitta Professional Coffee Solutions GmbH & Co. KG	22/06/2017	3260025	17177313.8	German
3260039	Tsai, Yih-Chiou	21/02/2017	3260039	17157111.0	
3260268	Toray Industries, Inc.	22/01/2016	3260268	16752198.8	
3260277	Hutchinson Aerospace GmbH	20/06/2017	3260277	17176880.7	German
3260438	LG Chem, Ltd.	16/02/2016	3260438	16752672.2	
3260475	LG Chem, Ltd.	11/01/2016	3260475	16796618.3	
3260706	Daicel Corporation	16/02/2016	3260706	16752484.2	
3262384	Technological University Dublin	19/02/2016	3262384	16705205.9	
3262745	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	17/02/2016	3262745	16705488.1	German
3262789	Second Screen Ventures Ltd.	25/02/2016	3262789	16754865.0	
3263199	Alfa Laval Corporate AB	01/07/2016	3263199	16177418.7	
3263422	Mitsubishi Electric Corporation	26/02/2015	3263422	15883217.0	

3264200	Montres Breguet S.A.	19/05/2017	3264200	17172015.4	French
3264479	European Thermodynamics Limited	28/06/2017	3264479	17178536.3	
3264521	HUAWEI TECHNOLOGIES CO., LTD.	28/06/2017	3264521	17178343.4	
3264544	ams AG	28/06/2016	3264544	16176668.8	
3264715	InterDigital CE Patent Holdings	09/06/2017	3264715	17175290.0	
3264875	Juniper Networks, Inc.	14/10/2016	3264875	16194023.4	
3266252	Hewlett Packard Enterprise Development LP	04/06/2015	3266252	15893740.9	
3266293	Amazonen-Werke H. Dreyer GmbH & Co. KG	27/06/2017	3266293	17401068.6	German
3266294	Amazonen-Werke H. Dreyer GmbH & Co. KG	27/06/2017	3266294	17401069.4	German
3266295	Amazonen-Werke H. Dreyer GmbH & Co. KG	27/06/2017	3266295	17401065.2	German
3266410	W & H Dentalwerk Bürmoos GmbH	04/07/2016	3266410	16177709.9	German
3266478	Becton, Dickinson and Company	24/11/2011	3266478	17181787.7	
3266616	Fujitsu Component Limited	26/06/2017	3266616	17177964.8	
3266684	Scolotech GmbH	06/07/2017	3266684	17180080.8	German
3266704	The Boeing Company	12/05/2017	3266704	17170886.0	
3266736	Sodimas	07/07/2017	3266736	17180367.9	French
3266763	Adeka Corporation	12/02/2016	3266763	16761428.8	
3266803	The University of Tokyo NOF Corporation	02/03/2016	3266803	16758952.2	
3266804	JSR Corporation	29/01/2016	3266804	16758692.4	
3266857	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE	08/07/2016	3266857	16400026.7	German
3266902	Mitsubishi Heavy Industries Aero Engines, Ltd.	27/04/2016	3266902	16792573.4	
3267069	BeijingWest Industries Co. Ltd.	04/07/2017	3267069	17001138.1	
3267088	Gates Corporation	12/02/2010	3267088	17183710.7	
3267207	Weston Aerospace Limited	16/06/2011	3267207	17186205.5	
3267753	Huawei Technologies Co., Ltd.	22/04/2015	3267753	15889487.3	
3267908	The Regents of The University of Michigan	11/03/2016	3267908	16765484.7	

3268222	Purdue Research Foundation	10/03/2016	3268222	16765461.5	
3268961	Dolby International AB	10/03/2016	3268961	16709426.7	
3269243	Institute of Environment and Sustainable Development in Agriculture Chinese Academy of Agricultural Sciences	27/11/2015	3269243	15885277.2	
3269343	Warsaw Orthopedic, Inc.	21/06/2011	3269343	17162141.0	
3269354	The Nisshin Oillio Group, Ltd.	03/03/2016	3269354	16761633.3	
3269638	Embraer S.A.	13/07/2017	3269638	17181195.3	
3269682	Mitsubishi Chemical Corporation	29/11/2012	3269682	17187695.6	
3269710	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	11/03/2016	3269710	16764201.6	
3269997	Siemens Gamesa Renewable Energy A/S	14/07/2016	3269997	16179462.3	
3270112	JTEKT CORPORATION	06/07/2017	3270112	17179941.4	
3270227	Brother Kogyo Kabushiki Kaisha	31/03/2017	3270227	17164054.3	
3270255	Truma Gerätetechnik GmbH & Co. KG	04/07/2017	3270255	17179492.8	
3270649	Huawei Technologies Co., Ltd.	11/05/2015	3270649	15891476.2	
3270753	Kimberly-Clark Worldwide, Inc.	20/03/2015	3270753	15886625.1	
3270791	Fondazione G.B. Bietti per lo Studio e la Ricerca in Oftalmologia - ONLUS - IRCCS Università Campus Bio-Medico di Roma	16/03/2016	3270791	16719503.1	
3270826	St. Jude Medical, Cardiology Division, Inc.	17/03/2016	3270826	16713233.1	
3270991	L.O.M. Laboratories Inc.	18/03/2016	3270991	16767577.6	
3271143	Hewlett-Packard Development Company, L.P.	28/09/2015	3271143	15775148.8	
3271542	Ensco International Incorporated	18/03/2016	3271542	16769435.5	
3271929	Maschinenfabrik Reinhausen GmbH	02/03/2016	3271929	16711148.3	German
3272303	Ulthera, Inc.	06/08/2010	3272303	17173549.1	
3272304	iShell Solutions, LLC	08/07/2015	3272304	16206097.4	
3272470	Kawasaki Jukogyo Kabushiki Kaisha	17/02/2016	3272470	16752491.7	
3272605	Nissan Motor Co., Ltd.	20/03/2015	3272605	15886215.1	

3272656	Airbus Operations, S.L. AIRBUS OPERATIONS (S.A.S) Airbus SAS	18/07/2016	3272656	16382343.8	
3273020	Yanmar Co., Ltd.	14/03/2016	3273020	16764480.6	
3273034	Pratt & Whitney Canada Corp.	19/07/2017	3273034	17182102.8	
3273047	Samsung Heavy Ind. Co., Ltd.	04/03/2016	3273047	16765172.8	
3273221	Honeywell International Inc.	28/06/2017	3273221	17178546.2	
3273823	Kim, Jin Woo CTK Co., Ltd	25/03/2016	3273823	16769126.0	
3274173	Illinois Tool Works Inc.	22/02/2016	3274173	16711054.3	
3275052	LEONI Bordnetz-Systeme GmbH	24/03/2016	3275052	16717566.0	German
3275195	Ericsson AB	22/03/2016	3275195	16713099.6	
3275301	Amazonen-Werke H. Dreyer GmbH & Co. KG	14/07/2017	3275301	17401077.7	German
3275612	The Japan Steel Works, Ltd.	01/03/2016	3275612	16772049.9	
3275640	Totani Corporation	23/03/2016	3275640	16768828.2	
3275667	Seiko Instruments Inc.	25/07/2017	3275667	17183165.4	
3275703	Lobina, Marco	09/06/2017	3275703	17175175.3	
3276057	Rieter Ingolstadt GmbH	26/07/2017	3276057	17183275.1	German
3276251	Zumtobel Lighting GmbH	25/07/2017	3276251	17182910.4	German
3276431	Cartier International AG	27/07/2016	3276431	16181403.3	French
3276458	Wacom Co., Ltd.	21/07/2017	3276458	17182511.0	
3276538	STMicroelectronics International N.V.	25/07/2016	3276538	16181009.8	
3276843	Huawei Technologies Co., Ltd.	10/04/2015	3276843	15888202.7	
3277025	ZTE Corporation	27/07/2015	3277025	15887127.7	
3277354	Koninklijke Philips N.V.	24/03/2016	3277354	16711645.8	
3278467	Huawei Technologies Co., Ltd.	14/08/2015	3278467	15749839.5	
3278713	Terumo Kabushiki Kaisha	23/03/2016	3278713	16772474.9	
3278738	Fujifilm Corporation	17/03/2016	3278738	16772350.1	
3278896	Nippon Steel Corporation	10/05/2016	3278896	16799791.5	
3279198	Crystal Pharmatech Co., Ltd	30/03/2016	3279198	16771385.8	
3279322	FUJIFILM Corporation	30/03/2016	3279322	16773013.4	
3279410	Westfield Outdoors GmbH	16/03/2017	3279410	17161445.6	German
3279973	Samsung Electronics Co., Ltd.	21/06/2017	3279973	17177156.1	
3280060	NXP B.V.	02/08/2016	3280060	16306001.5	

3280187	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	17/05/2016	3280187	16823720.4	
3280966	Outotec (Finland) Oy	07/04/2016	3280966	16717179.2	
3281360	Hewlett Packard Enterprise Development LP	10/11/2015	3281360	15895844.7	
3281386	Tyco Fire & Security GmbH	06/04/2016	3281386	16714453.4	
3281616	KCI Licensing, Inc.	04/06/2015	3281616	17191970.7	
3281666	E-PNOgraphic Sàrl	03/11/2016	3281666	16197160.1	French
3281845	Nissan Motor Co., Ltd.	09/04/2015	3281845	15888398.3	
3282054	Costruzioni Linee Ferroviarie S.p.A.	09/08/2017	3282054	17001362.7	
3282669	Dolby Laboratories Licensing Corporation	09/08/2017	3282669	17185545.5	
3283017	Wright Medical Technology, Inc.	17/04/2015	3283017	15721109.5	
3283025	Dayco IP Holdings, LLC	13/04/2016	3283025	16780599.3	
3283067	Milestone Pharmaceuticals Inc.	13/04/2016	3283067	16779363.7	
3283152	Smiths Medical International Limited	02/04/2016	3283152	16716893.9	
3283216	IFP Energies nouvelles	22/02/2016	3283216	16707672.8	French
3283573	Schlenk Metallic Pigments GmbH	15/04/2016	3283573	16721631.6	German
3283603	Valmet Technologies Oy Fortum OYJ	13/04/2016	3283603	16722260.3	
3283686	delfortgroup AG	07/04/2016	3283686	16716021.7	German
3284211	Cisco Technology, Inc.	14/04/2016	3284211	16720239.9	
3284218	Hewlett Packard Enterprise Development LP	12/10/2015	3284218	15906343.7	
3284262	Telefonaktiebolaget LM Ericsson (PUBL)	15/04/2016	3284262	16723827.8	
3284365	3M Innovative Properties Co.	14/03/2013	3284365	17190415.4	
3284907	General Electric Company	17/08/2017	3284907	17186614.8	
3285324	LG Chem, Ltd.	28/10/2016	3285324	16860299.3	
3285452	Huawei Technologies Co., Ltd.	15/05/2015	3285452	15892119.7	
3285506	Huawei Technologies Co., Ltd.	07/05/2015	3285506	15891114.9	
3286893	Cisco Technology, Inc.	23/03/2016	3286893	16714178.7	
3287402	Nexans	21/08/2017	3287402	17187124.7	French
3287538	Nippon Steel Corporation	19/04/2016	3287538	16783145.2	
3287902	TTTech Auto AG	02/08/2017	3287902	17184470.7	German
3288185	ALSTOM Transport Technologies	25/08/2017	3288185	17187857.2	French

3288404	O'Halloran, Vincent Victor	27/04/2016	3288404	16728067.6	
3288513	Kimberly-Clark Worldwide, Inc.	29/04/2015	3288513	15890915.0	
3288713	Mersen Benelux BV	29/04/2016	3288713	16722577.0	
3288785	Lohr Industrie	22/04/2016	3288785	16721204.2	French
3289242	Scania CV AB	22/04/2016	3289242	16786852.0	
3289330	Pirelli Tyre S.p.A.	18/04/2016	3289330	16726165.0	
3289716	LG Electronics Inc.	02/05/2016	3289716	16786816.5	
3289718	QUALCOMM Incorporated	27/04/2016	3289718	16721330.5	
3289844	Schneider Electric IT Corporation	28/04/2016	3289844	16787111.0	
3289847	Deere & Company	24/08/2017	3289847	17187644.4	German
3289896	G.D Societa' per Azioni	05/09/2017	3289896	17189441.3	
3290125	Sturm Maschinen- & Anlagenbau GmbH	01/09/2016	3290125	16186802.1	German
3290294	Deere & Company	15/08/2017	3290294	17186264.2	
3290343	Korea Airports Corporation	12/11/2015	3290343	15890851.7	
3290407	Celgene Quanticel Research, Inc	17/10/2014	3290407	17175464.1	
3290435	Chonnam National University Hospital Industry Foundation of Chonnam National University	26/04/2016	3290435	16786718.3	
3290517	Kyoto University Japanese Foundation For Cancer Research	28/04/2016	3290517	16786551.8	
3291026	ETA SA Manufacture Horlogère Suisse	30/08/2016	3291026	16186261.0	French
3291099	DreamWorks Animation LLC	30/01/2015	3291099	17197762.2	
3291170	Commercial Aircraft Corporation Of China Ltd Commercial Aircraft Corporation Of China Ltd Shanghai Aircraft Design and Research Institute	09/11/2016	3291170	16863620.7	
3291333	LG Chem, Ltd.	11/07/2016	3291333	16824693.2	
3291448	National Institute of Advanced Industrial Science and Technology	27/04/2016	3291448	16786525.2	
3291483	Nippon Telegraph and Telephone Corporation	20/04/2016	3291483	16786382.8	
3291587	ZTE Corporation	12/08/2015	3291587	15890522.4	
3291932	Retech Systems LLC	27/04/2016	3291932	16789769.3	
3292197	Fitoplancton Marino S.L.	05/05/2016	3292197	16725049.7	

3292278	Rolls-Royce plc	29/04/2016	3292278	16719416.6	
3293410	BeijingWest Industries Co. Ltd.	31/05/2017	3293410	17000921.1	
3293466	G.H.P.- e.K. Geothermie- Handel- und Produktion e.k.	13/09/2016	3293466	16188587.6	German
3293739	Yantai Zhenghai Magnetic Material Co., Ltd.	31/08/2017	3293739	17188662.5	
3293849	Sony Corporation	17/07/2012	3293849	17195420.9	
3294099	Mac Design S.r.l.	09/05/2016	3294099	16745499.0	
3294279	Professional Dietetics International S.r.l.	12/05/2016	3294279	16726183.3	
3294564	Bundesdruckerei GmbH	28/04/2016	3294564	16719394.5	German
3294745	F. Hoffmann-La Roche AG	04/05/2016	3294745	16720138.3	
3294934	Hunan Zonsen Peplib Biotech Co., Ltd	03/07/2015	3294934	15897401.4	
3295236	Carl Zeiss Microscopy GmbH Carl Zeiss AG	09/05/2016	3295236	16735809.2	German
3295422	Mobileye Vision Technologies Ltd.	10/05/2016	3295422	16725009.1	
3295717	Qualcomm Incorporated	14/04/2016	3295717	16720240.7	
3296073	"3S Logistyka" Sp. z o.o. Spolka Komandytowa	11/08/2017	3296073	17185894.7	
3296786	Samsung Electronics Co., Ltd.	22/08/2017	3296786	17187190.8	
3297217	ZTE Corporation	15/04/2016	3297217	16810819.9	
3297305	HUAWEI TECHNOLOGIES CO., LTD.	26/08/2009	3297305	17192181.0	
3297508	Tennant Company	18/05/2016	3297508	16736292.0	
3297742	Soletanche Freyssinet	19/05/2016	3297742	16731215.6	French
3297772	MacDermid, Incorporated	27/05/2016	3297772	16800768.0	
3298006	Pulmocide Limited	20/05/2016	3298006	16724958.0	
3298251	Eaton Intelligent Power Limited	18/05/2015	3298251	15723228.1	
3298294	HORIBA Europe GmbH	18/05/2016	3298294	16725440.8	German
3298780	Telefonaktiebolaget LM Ericsson (publ)	12/05/2016	3298780	16796833.8	
3298809	Telefonaktiebolaget LM Ericsson (publ)	19/05/2016	3298809	16725599.1	
3298825	Telefonaktiebolaget LM Ericsson (publ)	20/05/2015	3298825	15730876.8	
3299713	Valeo Vision	13/09/2017	3299713	17190845.2	French
3299932	Immersion Corporation	20/08/2014	3299932	17001620.8	
3299936	Wacom Co., Ltd.	20/05/2016	3299936	16796584.7	
3300084	TDK Corporation	08/12/2016	3300084	16873080.2	
3300311	Goertek Inc.	23/06/2016	3300311	16880459.9	

3300693	Mentor Worldwide LLC	15/08/2005	3300693	17190767.8	
3300956	Ningbo Geely Automobile Research & Development Co., Ltd.	30/09/2016	3300956	16191879.2	
3301112	Centre National de la Recherche Scientifique (C.N.R.S.) INSERM - Institut National de la Santé et de la Recherche Médicale URGO RECHERCHE INNOVATION ET DEVELOPPEMENT Université Paris Diderot - Paris 7 Ecole Normale Supérieure	30/07/2014	3301112	17196300.2	
3301135	Toyo Styrene Co., Ltd.	14/09/2017	3301135	17191161.3	
3301253	Saudi Arabian Oil Company	17/07/2014	3301253	17181541.8	
3301912	Samsung Display Co., Ltd.	19/09/2017	3301912	17191822.0	
3302024	Husqvarna AB	28/05/2015	3302024	15728785.5	
3302088	General Mills, Inc.	01/06/2016	3302088	16804312.3	
3302341	American Orthodontics Corporation	08/06/2016	3302341	16808190.9	
3302974	Bemis Company, Inc.	08/06/2015	3302974	15895087.3	
3303320	Daewoong Pharmaceutical Co., Ltd.	07/06/2016	3303320	16807756.8	
3303847	Ametek, Inc.	27/05/2016	3303847	16731408.7	
3304203	Flint Group Germany GmbH	24/05/2016	3304203	16724889.7	German
3304828	Assa Abloy AB	03/06/2016	3304828	16727188.1	
3305271	Shibaura Mechatronics Corporation	11/05/2016	3305271	16803002.1	
3305576	JTEKT CORPORATION	02/10/2017	3305576	17194285.7	
3305727	LG Chem, Ltd.	01/06/2016	3305727	16803736.4	
3306034	Joy Global Underground Mining LLC	16/09/2013	3306034	17201428.4	
3306148	NOK Corporation	02/06/2016	3306148	16803425.4	
3306216	Mitsubishi Electric Corporation	04/06/2015	3306216	15894223.5	
3306382	BOE Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	13/11/2015	3306382	15892057.9	
3307689	GCP Applied Technologies Inc.	13/06/2016	3307689	16812203.4	
3308060	Tenute S.r.l.	30/05/2016	3308060	16739550.8	
3308488	Huawei Technologies Co., Ltd.	06/07/2015	3308488	15736431.6	
3308635	Deere & Company	11/10/2017	3308635	17195955.4	
3308835	Inflammatory Response Research, Inc.	07/03/2014	3308835	17205910.7	
3308988	Hübner GmbH & Co. KG	04/11/2016	3308988	16197226.0	German

3309706	Hand Held Products, Inc.	05/10/2017	3309706	17195085.0	
3309767	Nissan Motor Co., Ltd.	09/06/2015	3309767	15894910.7	
3310199	Nike Innovate C.V.	15/06/2016	3310199	16741410.1	
3310432	Forschungszentrum Jülich GmbH	22/06/2016	3310432	16732270.0	German
3310936	Aubert & Duval	17/06/2016	3310936	16736530.3	French
3311472	University College Cork-National University of Ireland, Cork	16/06/2016	3311472	16736001.5	
3311691	Twikit NV	20/10/2016	3311691	16194842.7	
3311789	Fenwal, Inc.	15/05/2013	3311789	17201553.9	
3312213	Mitsubishi Gas Chemical Company, Inc.	12/04/2016	3312213	16811304.1	
3312245	Rohm and Haas Company	19/10/2017	3312245	17197347.2	
3312339	Etex Building Performance International SAS	06/10/2015	3312339	17203938.0	
3312857	Hitachi Automotive Systems Hanshin, Ltd.	16/06/2016	3312857	16811246.4	
3312902	Hitachi Automotive Systems, Ltd.	18/05/2016	3312902	16811366.0	
3312964	Solarlytics, Inc.	21/02/2015	3312964	17204517.1	
3313903	Dow Global Technologies LLC	23/06/2016	3313903	16738267.0	
3313917	Arkema France	23/06/2016	3313917	16747811.4	French
3313943	PPG Industries Ohio, Inc.	24/06/2016	3313943	16734851.5	
3314144	Strömsholmen AB	21/06/2016	3314144	16733905.0	
3314896	Telefonaktiebolaget LM Ericsson (PUBL)	23/06/2015	3314896	15896480.9	
3314958	Sony Corporation	14/07/2016	3314958	16739115.0	
3315312	Horizon International Inc.	23/06/2015	3315312	15896299.3	
3315326	SUMITOMO RUBBER INDUSTRIES, LTD.	21/09/2017	3315326	17192435.0	
3315542	The Boeing Company	20/10/2017	3315542	17197632.7	
3315593	Coöperatie Koninklijke Cosun U.A. Dalli-Werke GmbH & Co. KG	31/10/2016	3315593	16196619.7	
3315749	Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.	20/11/2015	3315749	15908794.9	
3315932	Seiko Epson Corporation	27/10/2017	3315932	17198875.1	

3316039	Semiconductor Manufacturing International (Shanghai) Corporation Semiconductor Manufacturing International (Beijing) Corporation	27/10/2017	3316039	17198881.9	
3316444	Starkey Laboratories, Inc.	05/10/2017	3316444	17195019.9	
3317054	FOTOBA INTERNATIONAL S.r.l.	01/07/2015	3317054	15787692.1	
3317557	Firestone Industrial Products Company, LLC	30/06/2016	3317557	16738979.0	
3317571	Sandvik Intellectual Property AB	30/06/2016	3317571	16733593.4	
3317593	Medtronic Cryocath LP	10/06/2016	3317593	16816882.1	
3317765	Huawei Technologies Co., Ltd.	27/07/2016	3317765	16829854.5	
3317939	Sundaya Nordic AB	14/06/2016	3317939	16818330.9	
3318141	Fontanille Scop	07/11/2017	3318141	17200427.7	French
3318169	Pfennig Reinigungstechnik GmbH	06/11/2017	3318169	17200149.7	German
3318172	Ovesco Endoscopy AG	04/11/2016	3318172	16197309.4	
3318200	Covidien LP	03/11/2017	3318200	17199972.5	
3318613	Terumo Kabushiki Kaisha	13/06/2016	3318613	16817709.5	
3318696	Hockeyshot Inc.	03/11/2017	3318696	17199845.3	
3318718	United Technologies Corporation	02/11/2017	3318718	17199722.4	
3318924	LG Display Co., Ltd.	30/10/2017	3318924	17199081.5	
3318956	HTC Corporation	27/09/2017	3318956	17193451.6	
3319063	Beijing Xiaomi Mobile Software Co., Ltd.	18/09/2017	3319063	17191632.3	
3319350	Hewlett Packard Enterprise Development LP	02/11/2017	3319350	17199744.8	
3319353	Intellisist, Inc.	06/11/2017	3319353	17200128.1	
3319363	Sharp Kabushiki Kaisha	01/07/2016	3319363	16821340.3	
3319364	Sharp Kabushiki Kaisha	01/07/2016	3319364	16821342.9	
3319432	BASF Agro B.V.	05/07/2016	3319432	16734664.2	
3319625	Institut Gustave Roussy Institut National de la Santé Et de la Recherche Médicale Université Paris-Sud	04/07/2016	3319625	16734656.8	French
3319827	Daimler AG	01/07/2016	3319827	16734194.0	German
3320138	BSH Hausgeräte GmbH	04/05/2016	3320138	16720824.8	German
3320172	Pegasus S.r.l.	06/07/2016	3320172	16751345.6	
3320413	Google LLC	28/06/2016	3320413	16748177.9	

3320580	Huawei Technologies Co., Ltd.	15/07/2016	3320580	16838444.4	
3320764	Kverneland AS	10/11/2016	3320764	16198220.2	German
3320825	Jian, Chili	08/07/2016	3320825	16820862.7	
3320956	Yamamoto Kogaku Co., Ltd.	03/11/2017	3320956	17199921.2	
3321166	Viking Life-Saving Equipment A/S	21/06/2008	3321166	17206328.1	
3321172	Torqeedo GmbH	14/11/2017	3321172	17201586.9	German
3321231	Yilmaz, Aysen Esenturk, Okan Severoglu, Metehan	10/11/2017	3321231	17200979.7	
3321382	The Swatch Group Research and Development Ltd	11/11/2016	3321382	16198457.0	
3321451	Wilhelm Layher Verwaltungs-GmbH	10/11/2017	3321451	17200988.8	German
3321455	Mitsui Kinzoku ACT Corporation Gecom Corporation	05/04/2016	3321455	16821072.2	
3321497	Yamaha Hatsudoki Kabushiki Kaisha	08/11/2017	3321497	17200665.2	
3321561	Contemporary Visions, LLC	08/11/2017	3321561	17200550.6	
3321628	Klingelberg AG	10/11/2016	3321628	16198080.0	German
3321654	Rosemount Aerospace Inc.	08/11/2017	3321654	17200695.9	
3321707	Bruker BioSpin GmbH	08/11/2017	3321707	17200488.9	German
3322100	France Brevets	30/11/2010	3322100	17191752.9	
3322181	Christie Digital Systems USA, Inc.	07/03/2017	3322181	17159600.0	
3322227	Beijing Xiaomi Mobile Software Co., Ltd.	07/11/2017	3322227	17200293.3	
3322816	Agilent Technologies Belgium NV	13/07/2016	3322816	16738186.2	
3323572	Eschlböck - Maschinenbau Gesellschaft m.b.H.	15/11/2017	3323572	17450013.2	German
3323642	Sumitomo Rubber Industries, Ltd.	26/10/2017	3323642	17198572.4	
3323664	Nio Nextev Limited	16/11/2016	3323664	16199145.0	
3323711	Rohr, Inc.	17/11/2017	3323711	17202441.6	
3323716	Airbus Operations GmbH	21/11/2016	3323716	16199770.5	
3323914	Mitsubishi Gas Chemical Company, Inc.	07/07/2016	3323914	16824369.9	
3323925	Qingdao Haier Drum Washing Machine Co., Ltd.	12/07/2016	3323925	16823874.9	
3323941	Mohn, Dieter Wolfgang	07/11/2017	3323941	17200435.0	German
3323970	IFN-Holding AG	20/11/2017	3323970	17202509.0	German
3324083	Carl Freudenberg KG	10/11/2017	3324083	17201009.2	German

3324089	Aktiebolaget SKF	13/11/2017	3324089	17201240.3	
3324395	LG Display Co., Ltd.	21/11/2017	3324395	17202761.7	
3324578	Mercury Mission Systems International S.A.	18/11/2016	3324578	16199505.5	
3325457	BASF SE	01/07/2016	3325457	16733103.2	
3325842	NTN-SNR Roulements	20/07/2016	3325842	16757288.2	French
3325885	Hameur S.A.	19/07/2016	3325885	16741606.4	French
3326477	Reusch International GmbH	07/11/2017	3326477	17200249.5	German
3326532	Fujifilm Corporation	11/07/2016	3326532	16827417.3	
3326748	GF Machining Solutions AG	29/11/2016	3326748	16201260.3	German
3326866	JTEKT CORPORATION	22/11/2017	3326866	17202955.5	
3326922	Altopack S.P.A.	27/11/2017	3326922	17203717.8	
3326963	The Swatch Group Research and Development Ltd	23/11/2016	3326963	16200182.0	French
3327062	BASF SE	11/06/2014	3327062	17205345.6	German
3327155	Kanagawa University Asaka Riken Co., Ltd.	22/07/2016	3327155	16830469.9	
3327252	United Technologies Corporation	17/11/2017	3327252	17202243.6	
3327589	SAP SE	23/11/2017	3327589	17001923.6	
3327737	Mitsubishi Electric Corporation	10/08/2015	3327737	15900982.8	
3328008	Mellanox Technologies TLV Ltd.	20/11/2017	3328008	17202641.1	
3328077	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	03/11/2017	3328077	17199851.1	
3328225	L'Oréal	26/07/2016	3328225	16744384.5	
3328737	ArianeGroup SAS Centre National d'Etudes Spatiales (CNES)	11/07/2016	3328737	16750942.1	French
3328884	Pontificia Universidad Católica De Chile	25/07/2016	3328884	16832387.1	
3329019	Pontificia Universidad Católica De Chile	25/07/2016	3329019	16832386.3	
3329645	Sagemcom Broadband SAS	18/07/2016	3329645	16742232.8	French
3329694	PSS Belgium NV	09/06/2016	3329694	16728028.8	
3330581	Eagle Industry Co., Ltd.	26/07/2016	3330581	16830529.0	
3332044	BLUCLAD S.p.A.	04/08/2016	3332044	16767356.5	
3332069	Soletanche Freyssinet	04/08/2016	3332069	16760531.0	French

3332258	Massachusetts Institute of Technology	05/08/2016	3332258	16751783.8	
3332532	Google LLC	08/08/2016	3332532	16760591.4	
3332564	Eski Inc.	20/06/2016	3332564	16832004.2	
3332895	United Technologies Corporation	14/11/2017	3332895	17201630.5	
3333063	Adelte Ports & Maritime, S.L.	23/07/2015	3333063	15898840.2	
3333090	MULTIVAC Sepp Haggemüller SE & Co. KG	08/11/2017	3333090	17200568.8	German
3333169	Genentech, Inc.	02/07/2010	3333169	17192475.6	
3333359	Weatherford Technology Holdings, LLC	17/10/2008	3333359	17203157.7	
3333752	Huawei Technologies Co., Ltd.	10/01/2017	3333752	17738119.1	
3334078	Huawei Technologies Co., Ltd.	04/02/2016	3334078	16888778.4	
3334242	Eberspächer catem GmbH & Co. KG	06/02/2017	3334242	17154764.9	German
3334627	Lytix Inc.	23/10/2015	3334627	15901158.4	
3334734	Sandoz AG	09/08/2016	3334734	16748127.4	
3334944	Arconic Inc.	16/11/2016	3334944	16805641.4	
3335918	Japan Climate Systems Corporation	05/07/2016	3335918	16845865.1	
3336142	The Goodyear Tire & Rubber Company	16/11/2017	3336142	17202167.7	
3336288	GEZE GmbH	14/11/2017	3336288	17201641.2	German
3336944	Hyundai Motor Company Kia Motors Corporation	10/07/2017	3336944	17180460.2	
3337166	JVC Kenwood Corporation	19/05/2016	3337166	16834787.0	
3337781	BASF SE	17/08/2016	3337781	16754479.0	
3337946	Itrec B.V.	18/08/2016	3337946	16760820.7	
3338052	APRE Instruments, Inc.	29/06/2016	3338052	16839755.2	
3338063	Sensus Spectrum LLC	14/07/2016	3338063	16741795.5	
3338509	Telefonaktiebolaget LM Ericsson (PUBL)	19/08/2016	3338509	16763322.1	
3338510	Telefonaktiebolaget LM Ericsson (PUBL)	19/08/2016	3338510	16763323.9	
3338612	Samsung Electronics Co., Ltd.	23/11/2015	3338612	18155561.6	
3338748	Daio Paper Corporation	17/08/2016	3338748	16837125.0	
3339492	Samsung Electronics Co., Ltd.	20/11/2017	3339492	17202564.5	
3339972	The Swatch Group Research and Development Ltd	11/10/2017	3339972	17195835.8	French
3340366	LG Chem, Ltd.	30/11/2016	3340366	16871023.4	
3340383	Samsung Electronics Co., Ltd.	03/11/2016	3340383	16864511.7	

3340544	TLV Co., Ltd.	18/08/2016	3340544	16837164.9	
3340553	Airbus Defence and Space GmbH	12/07/2017	3340553	17181048.4	
3340769	CNH Industrial Belgium NV	26/08/2016	3340769	16760317.4	
3340809	Pepsico, Inc.	04/08/2017	3340809	17837778.4	
3340960	Mayborn (UK) Limited	25/08/2016	3340960	16760140.0	
3341366	Université d'Angers	26/08/2016	3341366	16757256.9	
	Universität Innsbruck				
	Friedrich-Schiller-Universität Jena				
3341553	Lampe Holding B.V.	18/08/2016	3341553	16767035.5	
3341629	Wandschneider, Guido	02/07/2016	3341629	16751463.7	German
3341703	Honeywell Limited	24/08/2016	3341703	16838147.3	
3342070	Samsung Electronics Co., Ltd.	14/10/2016	3342070	16855797.3	
3342210	Samsung Electronics Co., Ltd.	29/11/2016	3342210	16871010.1	
3343208	Genesis Corporation	29/08/2016	3343208	16841798.8	
	Satake Corporation				
3343364	Huawei Technologies Co., Ltd.	31/05/2016	3343364	16847827.9	
3343640	Yerci, Selcuk	22/11/2017	3343640	17203012.4	
	Hadibrata, Wisnu				
3344069	Givaudan SA	01/09/2016	3344069	16758217.0	
3344533	thyssenkrupp Marine Systems GmbH	25/08/2016	3344533	16757864.0	German
	thyssenkrupp AG				
3344844	Hunter Douglas Industries B.V.	05/09/2016	3344844	16760098.0	
3344967	Siemens Aktiengesellschaft	24/02/2016	3344967	16706176.1	German
3344985	Gas Measurement Instruments Limited	20/10/2016	3344985	16801277.1	
3345238	Siqens GmbH	01/09/2016	3345238	16758222.0	German
3345259	Harting Electric GmbH & Co. KG	17/08/2016	3345259	16774846.6	German
3345260	Harting Electric GmbH & Co. KG	02/09/2016	3345260	16775072.8	German
3345406	Dolby Laboratories Licensing Corporation	01/09/2016	3345406	16767427.4	
3345759	Toppan Printing Co., Ltd.	02/09/2016	3345759	16842032.1	
3345832	Samsung Electronics Co., Ltd.	05/01/2018	3345832	18150444.0	
3345860	STERTIL B.V.	02/01/2018	3345860	18150069.5	
3346032	Jinwoo Bio Co., Ltd.	01/09/2016	3346032	16842301.0	
3346201	Daikin Industries, Ltd.	02/08/2016	3346201	16850545.1	
3346203	Daikin Industries, Ltd.	31/08/2016	3346203	16841926.5	
3346769	QUALCOMM Incorporated	19/02/2014	3346769	18156843.7	

3347106	Anand, Syam Prasad Srinivas, Harish	09/09/2016	3347106	16845077.3	
3347363	F. Hoffmann-La Roche AG	05/09/2016	3347363	16763491.4	
3347423	Infiana Germany GmbH & Co. KG	05/09/2016	3347423	16760655.7	German
3348002	Telefonaktiebolaget LM Ericsson (publ)	09/09/2015	3348002	15903348.9	
3348096	Telefonaktiebolaget LM Ericsson (PUBL)	07/09/2015	3348096	15903698.7	
3348237	Zimmer, Inc.	22/07/2011	3348237	17168308.9	
3348249	Arcadophta	27/11/2017	3348249	17203849.9	French
3348264	ALLERGAN, INC.	16/09/2011	3348264	18160174.1	
3348340	Seco Tools AB	16/01/2017	3348340	17151621.4	
3348369	Ströher GmbH	13/01/2017	3348369	17151373.2	German
3348527	Panasonic Intellectual Property Management Co., Ltd.	01/09/2016	3348527	16843922.2	
3348788	United Technologies Corporation	24/10/2017	3348788	17197985.9	
3349037	Institute of Electronics, Chinese Academy of Sciences	03/01/2018	3349037	18150156.0	
3349294	LG Chem, Ltd.	06/02/2017	3349294	17747836.9	
3349314	NGK Spark Plug Co., Ltd.	18/09/2017	3349314	17191628.1	
3350372	Stora Enso Oyj	16/09/2016	3350372	16794031.1	
3350473	Vibracoustic GmbH	02/11/2016	3350473	16790987.8	German
3350949	Telefonaktiebolaget LM Ericsson (publ)	17/09/2015	3350949	15775504.2	
3351707	Procopi	17/01/2018	3351707	18152130.3	French
3351708	Mapi S.r.l.	22/01/2018	3351708	18152824.1	
3352256	NGK Insulators, Ltd.	25/04/2017	3352256	17789515.8	
3352323	Guang Dong Greenway Technology Co., Ltd	02/10/2017	3352323	17194296.4	
3352510	Samsung Electronics Co., Ltd.	28/10/2016	3352510	16860283.7	
3352702	breident GmbH & Co. KG	26/08/2016	3352702	16760023.8	German
3353091	Philip Morris Products S.A.	21/09/2016	3353091	16775331.8	
3353235	MPR GmbH & Co. KG	21/09/2016	3353235	16778240.8	German
3353437	Nuovo Pignone Tecnologie - S.r.l.	23/09/2016	3353437	16781068.8	
3353552	Immunovia AB	22/09/2016	3353552	16774639.5	
3353666	Qualcomm Incorporated	09/09/2016	3353666	16766814.4	
3353843	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	19/09/2016	3353843	16777555.0	French
3354276	Meritage Pharma, Inc.	12/11/2008	3354276	17210162.8	

3354310	Teijin Pharma Limited	26/11/2009	3354310	18160166.7	
3354821	Westnetz GmbH	04/01/2018	3354821	18150291.5	German
3355004	Hamilton Sundstrand Corporation	26/01/2018	3355004	18153716.8	
3355401	LG Chem, Ltd.	10/03/2017	3355401	17786079.8	
3355532	Huawei Technologies Co., Ltd.	03/06/2016	3355532	16856619.8	
3357463	Zuiko Corporation	12/09/2016	3357463	16851126.9	
3357679	Mitsubishi Heavy Industries Machinery Systems, Ltd.	20/10/2016	3357679	16863976.3	
3357885	Panasonic Intellectual Property Management Co., Ltd.	14/09/2016	3357885	16850602.0	
3357951	Toray Industries, Inc.	21/07/2016	3357951	16850830.7	
3358153	United Technologies Corporation	30/11/2010	3358153	18162061.8	
3358480	FUJIFILM Corporation	27/09/2016	3358480	16851533.6	
3358501	CANON KABUSHIKI KAISHA	16/07/2004	3358501	18157708.1	
3359094	Aesculap AG	07/10/2016	3359094	16778027.9	German
3359379	Baldwin Jimek AB	07/10/2016	3359379	16779062.5	
3359418	Magna Seating Inc.	06/10/2016	3359418	16784349.9	
3359912	Wheelright Limited	10/10/2016	3359912	16781192.6	
3359966	F. Hoffmann-La Roche AG	10/10/2016	3359966	16778831.4	
3359995	Raytheon Company	27/10/2016	3359995	16802180.6	
3360298	Brocade Communications Systems, Inc.	06/10/2016	3360298	16785622.8	
3360402	Deere & Company	10/01/2018	3360402	18151092.6	
3360433	FALKE KGaA	06/03/2015	3360433	18157229.8	German
3360698	Bridgestone Corporation	04/10/2016	3360698	16853559.9	
3360808	Toyo Jidoki Co., Ltd.	12/02/2018	3360808	18156226.5	
3360815	Illinois Tool Works, Inc.	02/02/2018	3360815	18154988.2	
3361096	LG Electronics Inc.	09/02/2018	3361096	18156022.8	
3361267	Tektronix, Inc.	27/09/2011	3361267	18150027.3	
3361642	Cellcontrol, Inc. Guba, Robert W. Breux, Joseph E. III Kennedy, Chad A.	08/05/2014	3361642	18165170.4	
3361977	Surgivisio	14/10/2016	3361977	16785401.7	
3362059	Universitat Autònoma de Barcelona	17/10/2016	3362059	16784165.9	
3362271	Bartell Machinery Systems LLC	13/10/2016	3362271	16787676.2	
3362282	Constellium Neuf-Brisach	06/10/2016	3362282	16787506.1	French
3362378	Stas IP B.V.	17/10/2016	3362378	16823059.7	

3362725	Hydro Extruded Solutions AS	11/10/2016	3362725	16779103.7	
3363043	Mühlbauer GmbH & Co. KG	22/09/2016	3363043	16775130.4	German
3363233	Telefonaktiebolaget LM Ericsson (publ)	12/10/2015	3363233	15906319.7	
3363317	NIKE Innovate C.V.	11/08/2006	3363317	18165902.0	
3363553	CONCEPTION MACHINES FAVEYRIAL	14/02/2018	3363553	18156716.5	French
3363776	ARKEMA FRANCE	22/10/2010	3363776	18166521.7	
3363820	LG Chem, Ltd.	03/11/2017	3363820	17861201.6	
3364045	Mitsubishi Heavy Industries Compressor Corporation	30/11/2015	3364045	15909694.0	
3364047	The Boeing Company	05/02/2018	3364047	18155050.0	
3364068	Valeo Embrayages	17/01/2018	3364068	18152168.3	French
3364112	LG Electronics Inc.	19/02/2018	3364112	18157319.7	
3364261	ABB Schweiz AG	15/02/2017	3364261	17156173.1	
3364434	LG Electronics Inc.	19/02/2018	3364434	18157431.0	
3365119	Danieli & C. Officine Meccaniche S.p.A.	21/10/2016	3365119	16810026.1	
3365136	Flow International Corporation	20/10/2016	3365136	16791193.2	
3365323	Hovione Scientia Limited	24/11/2016	3365323	16805888.1	
3365469	ThyssenKrupp Steel Europe AG thyssenkrupp AG	05/10/2016	3365469	16785377.9	German
3365624	Technip France	20/10/2016	3365624	16787777.8	French
3366199	Medivance Incorporated	17/11/2008	3366199	18156996.3	
3366260	STEGER, Heinrich	21/02/2018	3366260	18157873.3	German
3366320	W.L. Gore & Associates Inc.	07/03/2014	3366320	17207506.1	
3367007	MITSUBISHI ELECTRIC CORPORATION	06/01/2016	3367007	16869364.6	
3367116	Nordex Energy GmbH	28/02/2017	3367116	17158487.3	German
3367233	Delphix Corp.	15/10/2010	3367233	18167824.4	
3367241	Software AG Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	23/02/2017	3367241	17157698.6	
3367596	Imagination Technologies Limited	27/02/2018	3367596	18158809.6	
3367868	Vorwerk & Co. Interholding GmbH	11/10/2016	3367868	16787757.0	German
3367990	The Procter & Gamble Company	28/10/2016	3367990	16801076.7	
3368170	Microsoft Technology Licensing, LLC	21/10/2016	3368170	16788000.4	
3368251	Loop Technology Limited	31/10/2016	3368251	16795426.2	

3368763	Delphi Technologies IP Limited	24/10/2016	3368763	16785177.3	French
3368873	Illinois Tool Works Inc.	26/08/2016	3368873	16760306.7	
3369134	Rogers Corporation	27/10/2016	3369134	16790861.5	
3369185	Sony Corporation	27/10/2015	3369185	15787962.8	
3369231	Opt/net Consulting B.V. Matselyukh, Taras	31/10/2016	3369231	16788533.4	
3369480	Nippon Shokubai Co., Ltd.	03/10/2013	3369480	18166772.6	
3369513	JFE Steel Corporation	08/08/2016	3369513	16859366.3	
3369514	Illinois Tool Works, Inc.	08/01/2018	3369514	18150576.9	
3369722	Daicel Corporation	25/05/2017	3369722	17732015.7	
3370069	JTEKT CORPORATION	01/04/2008	3370069	18167283.3	
3370267	LG Electronics Inc.	09/11/2017	3370267	17200766.8	
3370279	LG Chem, Ltd.	30/11/2016	3370279	16871047.3	
3370293	Hitachi, Ltd.	26/10/2016	3370293	16859815.9	
3370308	NICHIA CORPORATION	02/03/2018	3370308	18159660.2	
3370474	Samsung Electronics Co., Ltd.	24/11/2016	3370474	16868910.7	
3370535	Förster, Martin	02/11/2016	3370535	16801145.0	German
3370944	Discma AG	08/03/2016	3370944	16710077.5	
3370946	Audi AG	23/08/2016	3370946	16759980.2	German
3370951	SAFRAN	03/11/2016	3370951	16809128.8	French
3371008	Erich Utsch AG	04/11/2016	3371008	16793821.6	German
3371059	Eaton Intelligent Power Limited	07/11/2016	3371059	16791039.7	
3371369	Matisa Matériel Industriel SA	03/11/2016	3371369	16790386.3	German
3371371	Maurer Engineering GmbH	04/11/2016	3371371	16791581.8	German
3371499	Vetco Gray Scandinavia AS	03/11/2016	3371499	16793808.3	
3371554	Febus Optics	04/11/2016	3371554	16806253.7	French
3371563	TDK Electronics AG	18/10/2016	3371563	16782243.6	German
3371565	TDK Electronics AG	18/10/2016	3371565	16782250.1	German
3371619	Squarehead Technology AS	07/11/2016	3371619	16795405.6	
3371735	Ingenico Group	03/11/2016	3371735	16790618.9	French
3371962	Samsung Electronics Co., Ltd.	02/11/2016	3371962	16862410.4	
3371977	Systems and Software Enterprises, LLC	04/11/2016	3371977	16809565.1	
3372118	Okamura Corporation	04/11/2016	3372118	16862204.1	
3372210	Unicharm Corporation	18/10/2016	3372210	16881509.0	
3372266	Philip Morris Products S.A.	02/10/2007	3372266	18164794.2	
3372454	Toyota Jidosha Kabushiki Kaisha	01/03/2018	3372454	18159539.8	
3372577	Daicel Corporation	25/05/2017	3372577	17732013.2	

3372718	ARIANEGROUP SAS	05/03/2018	3372718	18159859.0	French
3372915	Wildeboer, Werner	07/03/2018	3372915	18160547.8	German
3372997	Krohne Messtechnik GmbH	09/03/2018	3372997	18160990.0	German
3373176	Cirrus Logic International Semiconductor Limited	17/01/2014	3373176	17209669.5	
3373422	LG Innotek Co., Ltd.	04/11/2016	3373422	16862471.6	
3373515	ZTE Corporation	29/06/2016	3373515	16861288.5	
3373532	Juniper Networks, Inc.	09/03/2018	3373532	18161052.8	
3373772	Absolut Art AB	08/11/2016	3373772	16801606.1	
3373778	PI-Design AG	02/11/2016	3373778	16790985.2	German
3373874	Mölnlycke Health Care AB	08/11/2016	3373874	16791613.9	
3374010	Von Schuckmann, Alfred	02/11/2016	3374010	16788702.5	German
3374089	TAPLAST S.R.L.	07/11/2016	3374089	16812855.1	
3374237	Renault SAS	14/11/2016	3374237	16809489.4	French
3374269	OCME S.r.l.	08/11/2016	3374269	16825552.9	
3374287	Sarong Societa' Per Azioni	09/11/2016	3374287	16816742.7	
3374341	Celanese International Corporation	11/11/2016	3374341	16801355.5	
3374549	Gilbos NV	09/11/2016	3374549	16815929.1	
3374572	Caterpillar Inc.	08/11/2016	3374572	16798882.3	
3374647	A Raymond Et Cie	09/11/2016	3374647	16809969.5	French
3374717	Franke Technology and Trademark Ltd	09/11/2015	3374717	15791292.4	
3374800	Safran Electronics & Defense	10/11/2016	3374800	16798437.6	French
3374931	Bundesdruckerei GmbH	11/11/2016	3374931	16795031.0	German
3375133	Airbus CyberSecurity SAS	10/11/2016	3375133	16794342.2	French
3375145	Microsoft Technology Licensing, LLC	16/01/2017	3375145	17702469.2	
3375601	Mitsubishi Heavy Industries Machinery Systems, Ltd.	14/11/2016	3375601	16878198.7	
3375643	Bridgestone Corporation	11/11/2016	3375643	16864375.7	
3375648	Ningbo Geely Automobile Research & Development Co. Ltd.	16/03/2017	3375648	17161296.3	
3376612	The Boeing Company	12/01/2018	3376612	18151427.4	
3376639	VALEO EQUIPEMENTS ELECTRIQUES MOTEUR	26/02/2018	3376639	18158678.5	French
3376648	Rolls-Royce plc	20/02/2018	3376648	18157534.1	
3376832	Valeo Vision	07/03/2018	3376832	18160481.0	French
3376919	De' Longhi Appliances S.r.l. Con Unico Socio	18/11/2016	3376919	16822269.3	

3376920	De' Longhi Appliances S.r.l. Con Unico Socio	18/11/2016	3376920	16822530.8	
3377095	INSERM - Institut National de la Santé et de la Recherche Médicale Fondation Imagine Université Paris Descartes Assistance Publique-Hôpitaux de Paris (APHP) Centre National de la Recherche Scientifique (CNRS)	16/11/2016	3377095	16798131.5	
3377131	KCI Licensing, Inc.	17/11/2016	3377131	16816777.3	
3377186	Metalco Active S.r.l.	14/11/2016	3377186	16825555.2	
3377187	Metalco Active S.r.l.	14/11/2016	3377187	16825554.5	
3377338	Compagnie Générale des Etablissements Michelin	18/11/2016	3377338	16809505.7	French
3377464	Aerojet Rocketdyne, Inc.	15/11/2016	3377464	16867410.9	
3377680	Safran Helicopter Engines SAFRAN	16/11/2016	3377680	16815573.7	French
3377731	Safran Helicopter Engines	10/11/2016	3377731	16804838.7	French
3377765	Pierburg Pump Technology GmbH	19/11/2015	3377765	15797106.0	
3378121	Worldvu Satellites Limited	16/11/2016	3378121	16801847.1	
3378301	Kverneland AS	23/03/2017	3378301	17162633.6	German
3378303	Green Plus Co., Ltd. Park, Yeong Hwan	08/06/2017	3378303	17175045.8	
3378362	National Tree Company	15/12/2017	3378362	17207687.9	
3378407	Terumo Kabushiki Kaisha	20/03/2018	3378407	18162985.8	
3378526	Poly Medicure Limited	17/03/2014	3378526	18171229.0	
3378893	Denka Company Limited	15/11/2016	3378893	16866284.9	
3378959	JFE Steel Corporation	03/10/2016	3378959	16866038.9	
3379018	Weatherford Technology Holdings, LLC	01/03/2018	3379018	18159597.6	
3379347	ETA SA Manufacture Horlogère Suisse	20/11/2017	3379347	17202602.3	French
3379944	Laminaria Group AB	28/04/2017	3379944	17720135.7	
3379951	Philip Morris Products S.A.	25/11/2016	3379951	16801503.0	
3380060	Harro Höfliger Verpackungsmaschinen GmbH	26/11/2015	3380060	15805103.7	German
3380300	Sacmi Imola S.C.	21/11/2016	3380300	16798503.5	

3380312	Compagnie Générale des Etablissements Michelin	23/11/2016	3380312	16815880.6	French
3380351	CQLT SaarGummi Technologies S.à.r.l.	23/11/2016	3380351	16801433.0	German
3380367	Sirgue, Jérôme	21/11/2016	3380367	16805027.6	French
3380389	ThyssenKrupp Presta AG thyssenkrupp AG	17/11/2016	3380389	16797569.7	German
3380390	ThyssenKrupp Presta AG thyssenkrupp AG	17/11/2016	3380390	16798147.1	German
3380405	GEA Food Solutions Germany GmbH	25/11/2016	3380405	16801264.9	German
3380419	GEA Food Solutions Germany GmbH	18/11/2016	3380419	16797951.7	German
3380421	KHS GmbH	18/11/2016	3380421	16798172.9	German
3380422	Lindauer DORNIER Gesellschaft mit beschränkter Haftung	03/11/2016	3380422	16790993.6	German
3380459	Evonik Operations GmbH thyssenkrupp Industrial Solutions AG	01/11/2016	3380459	16791559.4	
3380717	Red N Alde Holding AB	27/10/2016	3380717	16804921.1	
3380812	Nederlandse Organisatie voor toegepast- natuurwetenschappelijk onderzoek TNO	25/11/2016	3380812	16813150.6	
3381075	Compagnie Générale des Etablissements Michelin	24/11/2016	3381075	16815598.4	French
3381108	Elmotec Statomat Vertriebs GmbH	24/11/2016	3381108	16800986.8	German
3381128	Coherent Logix, Incorporated	23/11/2016	3381128	16810192.1	
3381152	Orange	09/11/2016	3381152	16809970.3	French
3381164	Qualcomm Incorporated	28/10/2016	3381164	16798591.0	
3381267	Deere & Company	28/03/2018	3381267	18164626.6	
3381307	Riesenhuber, Thomas	28/03/2018	3381307	18164694.4	German
3381339	Mazzer Luigi S.p.A.	28/03/2018	3381339	18164617.5	
3381552	IFP Energies nouvelles	01/03/2018	3381552	18305224.0	French
3381649	Sumitomo Heavy Industries, Ltd.	03/04/2018	3381649	18165443.5	
3381778	HONDA MOTOR CO., LTD.	27/02/2018	3381778	18158763.5	
3382286	Vestel Elektronik Sanayi ve Ticaret A.S.	29/03/2017	3382286	17163480.1	
3382327	Mitutoyo Corporation	29/03/2018	3382327	18165219.9	
3382784	Toyota Jidosha Kabushiki Kaisha	26/03/2018	3382784	18163975.8	
3382841	LichtBlick SE	26/03/2018	3382841	18163915.4	German
3382951	Renesas Electronics Corporation	25/01/2018	3382951	18153506.3	

3382960	Cisco Technology, Inc.	22/03/2018	3382960	18163278.7	
3382968	Intel IP Corporation	31/03/2017	3382968	17164234.1	
3382979	Wipro Limited	30/06/2017	3382979	17179179.1	
3383513	Cosmo-Connected	30/11/2016	3383513	16805075.5	French
3383687	Bayerische Motoren Werke Aktiengesellschaft	30/11/2016	3383687	16804792.6	German
3383756	Obrist Closures Switzerland GmbH	29/11/2016	3383756	16808587.6	
3383769	Beumer Group A/S	29/11/2016	3383769	16808564.5	
3383781	Inventio AG	18/11/2016	3383781	16797948.3	German
3383787	Cockerill Maintenance & Ingénierie S.A.	17/11/2016	3383787	16797905.3	French
3383856	Evonik Operations GmbH thyssenkrupp Industrial Solutions AG	28/11/2016	3383856	16801537.8	
3384103	Myd"L"	30/11/2016	3384103	16813095.3	French
3384221	KHD Humboldt Wedag GmbH	24/11/2016	3384221	16801210.2	German
3384236	Hilti Aktiengesellschaft	23/11/2016	3384236	16798779.1	German
3384238	Hilti Aktiengesellschaft	23/11/2016	3384238	16800937.1	German
3384239	Hilti Aktiengesellschaft	23/11/2016	3384239	16800938.9	German
3384512	Eaton Intelligent Power Limited	21/11/2016	3384512	16805703.2	
3384527	Audi AG ABB Schweiz AG	24/11/2016	3384527	16802020.4	German
3384565	SPI Lasers UK Limited	30/11/2016	3384565	16809139.5	
3384750	Kuhn S.A.	06/04/2018	3384750	18165993.9	French
3385403	JFE Steel Corporation	02/11/2016	3385403	16889754.4	
3385493	VKR Holding A/S	06/04/2018	3385493	18166098.6	
3385674	AISIN AW CO., LTD. TOYOTA JIDOSHA KABUSHIKI KAISHA	23/03/2017	3385674	17774679.9	
3385705	Bruker AXS, Inc.	03/04/2018	3385705	18165543.2	
3386089	Fuji Electric Co., Ltd.	24/05/2017	3386089	17827253.0	
3386174	HUAWEI TECHNOLOGIES CO., LTD.	30/06/2014	3386174	17204614.6	
3386340	Dyson Technology Limited	24/11/2016	3386340	16804865.0	
3386697	Boitouzet, Timothée	07/12/2016	3386697	16813100.1	French
3386797	Continental Automotive GmbH	05/10/2016	3386797	16777682.2	
3386819	Arfesan Arkan Fren Elemanlari Sanayi Ve Ticaret Anonim Sirketi	15/11/2016	3386819	16816442.4	

3386887	Philip Morris Products S.A.	11/11/2016	3386887	16801313.4	
3387047	SABIC Global Technologies B.V.	21/11/2016	3387047	16800916.5	
3387491	ASML Netherlands B.V.	02/11/2016	3387491	16790343.4	
3388152	Louis Vuitton Malletier	04/08/2015	3388152	18174651.2	French
3388537	JFE Steel Corporation	11/10/2016	3388537	16872700.6	
3388710	Dayco IP Holdings, LLC	13/04/2018	3388710	18167303.9	
3388724	Sidgman Saitua, René Eduardo	23/08/2016	3388724	16913649.6	
3388965	UBS Business Solutions AG	12/04/2018	3388965	18167026.6	
3389157	ABB Schweiz AG	10/04/2017	3389157	17460020.5	
3389300	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	01/11/2017	3389300	17199499.9	
3390159	PSA AUTOMOBILES S.A.	24/11/2016	3390159	16815882.2	French
3390167	PSA AUTOMOBILES S.A.	28/11/2016	3390167	16815608.1	French
3390207	PSA AUTOMOBILES S.A.	17/11/2016	3390207	16815581.0	French
3390266	Haulotte Group	16/12/2016	3390266	16815829.3	French
3390757	Teh Yor Co., Ltd.	16/06/2017	3390757	17733314.3	
3390840	ABB Schweiz AG	30/11/2016	3390840	16802110.3	German
3390873	Eto Magnetic GmbH	23/11/2016	3390873	16810265.5	German
3390975	Endress+Hauser Flowtec AG	15/11/2016	3390975	16797843.6	German
3391149	ASML Netherlands B.V.	02/11/2016	3391149	16791368.0	
3391753	Fuji Oil Holdings Inc.	25/05/2011	3391753	18171708.3	
3391861	Fundación para la Investigación Biomedica del Hospital 12 de Octubre	14/12/2016	3391861	16874957.0	
3391907	iOmx Therapeutics AG	20/04/2017	3391907	17167295.9	
3393086	Panasonic Intellectual Property Corporation of America	29/11/2016	3393086	16875101.4	
3393155	Beijing Mobike Technology Co., Ltd.	22/09/2017	3393155	17192513.4	
3393162	Huawei Technologies Co., Ltd.	18/01/2013	3393162	18168769.0	
3393307	Carrier Corporation	16/11/2016	3393307	16795390.0	
3393836	PSA AUTOMOBILES S.A.	17/11/2016	3393836	16815878.0	French
3393890	RENAULT s.a.s.	25/11/2016	3393890	16813087.0	French
3394558	Nexter Munitions	25/11/2016	3394558	16825801.0	French
3394711	Institut Mines Telecom	15/12/2016	3394711	16816650.2	French

3394862	Supergrid Institute Ecole Centrale de Lyon Centre National de la Recherche Scientifique	03/11/2016	3394862	16809126.2	French
3395654	Toyota Jidosha Kabushiki Kaisha	25/04/2018	3395654	18169343.3	
3395656	Toyota Jidosha Kabushiki Kaisha	27/04/2018	3395656	18169896.0	
3395665	Robert Bosch GmbH	12/04/2018	3395665	18167109.0	German
3396350	Liebherr-Transportation Systems GmbH & Co. KG	05/04/2018	3396350	18165837.8	German
3396470	ETA SA Manufacture Horlogère Suisse	24/04/2017	3396470	17167802.2	French
3396580	Druva, Inc.	24/04/2018	3396580	18169123.9	
3396744	LG Chem, Ltd.	20/11/2017	3396744	17874852.1	
3396808	Quanta Computer Inc.	04/08/2017	3396808	17185035.7	
3396970	Sanwa Denki Kogyo Co., Ltd.	16/04/2018	3396970	18167534.9	
3398267	Huawei Technologies Co., Ltd.	14/11/2017	3398267	17871334.3	
3398456	CALA' S.R.L.	27/04/2018	3398456	18169964.6	
3398485	Haroni, Eitan Shaa Fasand, Haruny	26/04/2018	3398485	18169463.9	
3398629	MEDTRONIC MINIMED, INC.	20/10/2010	3398629	18179780.4	
3398740	Karl Eugen Fischer Gesellschaft mit beschränkter Haftung	19/02/2018	3398740	18157338.7	German
3398801	Grammer AG	10/04/2018	3398801	18166455.8	German
3399167	MAN Truck & Bus SE	15/06/2016	3399167	18179743.2	German
3399225	Broll Systemtechnik KG	03/05/2018	3399225	18170633.4	German
3399297	Beijing Goldwind Science & Creation Windpower Equipment Co. Ltd.	10/11/2016	3399297	16880789.9	
3399560	NICHIA CORPORATION	03/03/2011	3399560	18172792.6	
3399601	Sharp Kabushiki Kaisha	19/10/2016	3399601	16881517.3	
3399702	Huizhou TCL Mobile Communication Co., Ltd.	10/08/2016	3399702	16852880.0	
3399892	Société des Produits Nestlé S.A.	06/01/2017	3399892	17700202.9	
3400370	Oil States Industries (UK) Limited	20/02/2017	3400370	17711733.0	
3400780	Deere & Company	08/05/2018	3400780	18171218.3	
3400909	Warsaw Orthopedic, Inc.	22/03/2018	3400909	18163302.5	
3400911	DePuy Ireland Unlimited Company	08/05/2018	3400911	18171207.6	
3401036	WAFIOS Aktiengesellschaft	24/04/2018	3401036	18168898.7	German
3401041	Kitagawa Iron Works Co., Ltd	17/01/2017	3401041	17750032.9	

3401066	RCA Bignami S.R.L.	08/05/2018	3401066	18171151.6	
3401659	Grohe AG	02/05/2018	3401659	18170362.0	German
3401906	Google LLC	27/03/2015	3401906	18180247.1	
3402191	Infobridge Pte. Ltd.	02/11/2012	3402191	18181699.2	
3402703	Valeo Systèmes d'Essuyage	06/01/2017	3402703	17700134.4	French
3403065	Kind Consumer Limited	10/01/2017	3403065	17700722.6	
3403594	Ethicon LLC	07/09/2015	3403594	18178087.5	
3403778	Panasonic Intellectual Property Management Co., Ltd.	24/04/2018	3403778	18168915.9	
3403898	ALSTOM Transport Technologies	18/05/2018	3403898	18173308.0	French
3404215	United Technologies Corporation	15/05/2018	3404215	18172301.6	
3404317	OSRAM GmbH	18/04/2018	3404317	18168004.2	
3404374	Panasonic Intellectual Property Management Co., Ltd.	15/11/2016	3404374	16884842.2	
3404413	Bio-Rad Laboratories, Inc.	20/03/2015	3404413	18181951.7	
3404714	Towerjazz Panasonic Semiconductor Co., Ltd.	25/11/2016	3404714	16885039.4	
3405089	Festool GmbH	11/01/2017	3405089	17700252.4	German
3405451	BASF SE	12/01/2017	3405451	17701642.5	German
3405472	Stichting Wageningen Research	20/01/2017	3405472	17704099.5	
3405528	BASF Coatings GmbH	16/01/2017	3405528	17700809.1	German
3405563	Symrise AG PROBI AB	18/01/2017	3405563	17700560.0	
3405615	Vossloh Cogifer (Société Anonyme)	20/01/2017	3405615	17706550.5	French
3406155	NIKE Innovate C.V.	20/08/2013	3406155	18000400.4	
3406372	Hamilton Sundstrand Corporation	18/05/2018	3406372	18173181.1	
3406849	United Technologies Corporation	21/05/2018	3406849	18173446.8	
3406901	Poclain Hydraulics Industrie	23/05/2018	3406901	18173896.4	French
3407010	CST GmbH Beissbarth GmbH	23/05/2018	3407010	18173845.1	German
3407351	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	03/07/2015	3407351	18182785.8	
3407554	Sony Corporation	16/11/2016	3407554	16886445.2	
3408359	Next Renewable Group B.V.	26/01/2017	3408359	17704318.9	
3408373	Institut National De La Recherche Agronomique	27/01/2017	3408373	17703353.7	French

3409026	Dolby Laboratories Licensing Corporation	27/01/2017	3409026	17703639.9	
3409032	Telefonaktiebolaget LM Ericsson (publ)	27/01/2016	3409032	16888337.9	
3409462	Tetra Laval Holdings & Finance S.A.	31/05/2018	3409462	18175343.5	
3409470	Tetra Laval Holdings & Finance S.A.	31/05/2018	3409470	18175353.4	
3409590	Airbus Operations, S.L.	02/06/2017	3409590	17382329.5	
3410045	Dr. Stephan Oechslin Healthcon	31/05/2017	3410045	17173753.9	German
3410202	CANON KABUSHIKI KAISHA	30/05/2018	3410202	18175026.6	
3410596	attocube systems AG	19/12/2014	3410596	18157569.7	
3410627	Panasonic Intellectual Property Corporation of America	20/11/2014	3410627	18184918.3	
3410665	Mastercard International Incorporated	30/05/2017	3410665	17173478.3	
3410666	GN Hearing A/S	31/05/2017	3410666	17173675.4	
3411107	Novum Vascular, LLC	30/01/2017	3411107	17704911.1	
3411184	Nagel Maschinen- und Werkzeugfabrik GmbH	16/01/2017	3411184	17700944.6	German
3411191	Robert Bosch GmbH	16/01/2017	3411191	17700528.7	German
3411879	Qualcomm Incorporated	09/01/2017	3411879	17701773.8	
3411970	Huawei Technologies Co., Ltd.	26/02/2016	3411970	16707089.5	
3411977	Telefonaktiebolaget LM Ericsson (PUBL)	03/02/2017	3411977	17703131.7	
3412176	CIAR S.P.A.	17/05/2018	3412176	18172854.4	
3412407	Ideko, S.Coop.	05/06/2017	3412407	17382336.0	
3413082	Veoneer Sweden AB	09/06/2017	3413082	17175128.2	
3413536	Panasonic Intellectual Property Corporation of America	17/11/2015	3413536	18186570.0	
3413745	Leitermann, Marc	08/02/2017	3413745	17704227.2	German
3414168	I.M.A. Industria Macchine Automatiche S.p.A.	10/02/2017	3414168	17705347.7	
3414523	Planet Labs, Inc.	30/11/2016	3414523	16826209.5	
3414581	ZKW Group GmbH	06/02/2017	3414581	17704655.4	German
3414657	Google LLC	27/03/2017	3414657	17717580.9	
3414945	Qualcomm Incorporated	06/01/2017	3414945	17701941.1	
3414999	ASSERVA IFIP Institut du Porc	11/06/2018	3414999	18176917.5	French
3415233	Research Triangle Institute	06/03/2013	3415233	18187741.6	

3415319	Hymmen GmbH Maschinen- und Anlagenbau	19/04/2018	3415319	18168263.4	German
3415402	JTEKT CORPORATION TOYOTA JIDOSHA KABUSHIKI KAISHA	30/05/2018	3415402	18175110.8	
3415493	RHODIA OPERATIONS	16/06/2017	3415493	17305744.9	
3415780	RENAULT s.a.s.	18/05/2018	3415780	18173348.6	French
3415851	Energy & Environmental Research Center Foundation	14/10/2016	3415851	18172484.0	
3415877	Soremartec S.A.	12/06/2018	3415877	18177309.4	
3415979	Google LLC	19/05/2016	3415979	18185679.0	
3416146	LEADER TIGER SOFTWARE (FUZHOU) CO., LTD.	22/02/2017	3416146	17759170.8	
3416208	Medtronic Inc.	26/02/2016	3416208	18184508.2	
3416435	Samsung Electronics Co., Ltd.	19/03/2015	3416435	18188203.6	
3416531	Sandenvendo Europe S.p.A.	06/02/2017	3416531	17714311.2	
3416533	Evans, Jacqueline Bruce, Richard	14/02/2017	3416533	17707393.9	
3416534	Electrolux Appliances Aktiebolag	15/02/2016	3416534	16705916.1	
3416615	Rhodia Operations	16/02/2017	3416615	17706708.9	
3416834	DANA ITALIA S.r.l.	17/02/2017	3416834	17706216.3	
3416865	Innova Patent GmbH	17/11/2016	3416865	16798159.6	German
3417183	ZF Friedrichshafen AG Honda Motor Co., Ltd.	16/01/2017	3417183	17700524.6	German
3417236	Redaelli Tecna S.p.A.	20/09/2016	3417236	16781296.5	
3417295	Universita' Degli Studi Di Padova	17/02/2017	3417295	17710484.1	
3417578	Telefonaktiebolaget LM Ericsson (PUBL)	01/04/2016	3417578	16715112.5	
3417933	MAN Energy Solutions SE	12/10/2012	3417933	18186804.3	German
3418033	Cubicure GmbH	19/06/2017	3418033	17450006.6	German
3418174	Robert Bosch GmbH	21/03/2018	3418174	18163149.0	German
3418217	Schnabel, Werner	14/06/2018	3418217	18177720.2	German
3418372	PHC Holdings Corporation	16/03/2017	3418372	17774394.5	
3418414	JFE Steel Corporation	12/01/2017	3418414	17752852.8	
3418694	Optosys SA	21/06/2017	3418694	17177196.7	
3419166	Mitsubishi Electric Corporation	17/02/2016	3419166	16890509.9	

3419263	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	11/05/2018	3419263	18171842.0	
3419440	S K Chilled Foods Limited	27/02/2017	3419440	17715248.5	
3419746	Outotec (Finland) Oy	21/02/2017	3419746	17709374.7	
3419759	Metso Minerals, Inc.	24/02/2016	3419759	16708434.2	
3419800	Stemma S.R.L.	17/02/2017	3419800	17714892.1	
3419970	F. Hoffmann-La Roche AG	22/02/2017	3419970	17705662.9	
3420200	BorgWarner Inc.	16/02/2017	3420200	17708372.2	
3420213	PSA Automobiles SA	25/01/2017	3420213	17706569.5	French
3420564	BASF SE	23/02/2017	3420564	17706259.3	
3420708	Telefonaktiebolaget LM Ericsson (PUBL)	06/05/2016	3420708	16725585.0	
3422514	Siemens Aktiengesellschaft	29/06/2017	3422514	17178649.4	German
3422578	Samsung Electronics Co., Ltd.	29/06/2018	3422578	18180979.9	
3422835	Commissariat à l'Energie Atomique et aux Energies Alternatives	29/06/2018	3422835	18180878.3	French
3422864	Société des Produits Nestlé S.A.	28/02/2017	3422864	17708207.0	
3423035	Nordmark Arzneimittel GmbH & Co.KG	05/03/2018	3423035	18711043.2	German
3423166	IFIL.USA, LLC Donaldson Company, Inc.	20/02/2017	3423166	17708404.3	
3423169	Hengst SE	23/02/2017	3423169	17712417.9	German
3423291	Compagnie Générale des Etablissements Michelin	23/02/2017	3423291	17710346.2	French
3423427	Arkema France	03/03/2017	3423427	17713724.7	French
3423656	I.M.A. Industria Macchine Automatiche S.p.A.	27/02/2017	3423656	17707550.4	
3423747	ZKW Group GmbH	22/02/2017	3423747	17711065.7	German
3423837	Universiteit Gent	01/03/2017	3423837	17710840.4	
3424068	Excillum AB	01/03/2017	3424068	17707071.1	
3424118	Safran Electrical & Power	28/02/2017	3424118	17713345.1	French
3424429	Fujifilm Corporation	12/04/2013	3424429	18186783.9	
3424826	Reemtsma Cigarettenfabriken GmbH	14/11/2012	3424826	18192284.0	
3425103	Vestel Elektronik Sanayi ve Ticaret A.S.	06/07/2017	3425103	17180069.1	
3425153	K.V.	20/06/2018	3425153	18020265.7	

3425268	Panasonic Intellectual Property Management Co., Ltd.	06/10/2016	3425268	16892411.6	
3425714	Sumitomo Electric Industries, Ltd.	25/01/2017	3425714	17759483.5	
3425803	NXP B.V.	07/07/2017	3425803	17180320.8	
3426897	Siemens Aktiengesellschaft	20/04/2017	3426897	17720398.1	German
3427036	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	07/03/2017	3427036	17710694.5	German
3427062	Unilever PLC	02/03/2017	3427062	17707358.2	
3427541	Illinois Tool Works Inc.	08/03/2017	3427541	17712904.6	
3427870	Panasonic Intellectual Property Management Co., Ltd.	08/03/2017	3427870	17763305.4	
3428009	Grammer AG	03/07/2018	3428009	18181430.2	German
3429134	Cherubini S.p.A.	29/06/2018	3429134	18180934.4	
3430086	Bluestar Silicones France SAS	16/03/2017	3430086	17713711.4	French
3430087	ELKEM SILICONES France SAS	16/03/2017	3430087	17715514.0	French
3430332	Carrier Corporation	15/03/2016	3430332	16709936.5	
3430464	FotoNation Limited	02/06/2017	3430464	17727577.3	
3430623	Qualcomm Incorporated	17/03/2017	3430623	17715567.8	
3430736	Cailabs	09/03/2017	3430736	17713744.5	French
3430791	SEB S.A.	17/03/2017	3430791	17715245.1	French
3430850	Telefonaktiebolaget LM Ericsson (PUBL)	14/03/2016	3430850	16710708.5	
3431105	Shionogi & Co., Ltd. Osaka University	28/03/2018	3431105	18775737.2	
3431174	Veolia environnement-VE	21/07/2017	3431174	17305981.7	
3431341	Magneti Marelli S.p.A.	22/06/2018	3431341	18179256.5	
3432365	Heliartec Solutions Corporation, Ltd.	26/10/2017	3432365	17198532.8	
3432545	NEC Corporation	28/06/2018	3432545	18180585.4	
3432546	Soprano Design Limited	12/11/2012	3432546	18183257.7	
3432600	Gree Electric Appliances, Inc. of Zhuhai	29/09/2016	3432600	16894160.7	
3433465	BP Exploration Operating Company Limited	14/03/2017	3433465	17712055.7	
3433627	Continental Automotive GmbH	20/02/2017	3433627	17708992.7	German
3433728	Qualcomm Incorporated	03/03/2017	3433728	17711492.3	
3433963	Telefonaktiebolaget LM Ericsson (PUBL)	23/03/2016	3433963	16716929.1	

3434540	Ingersoll-Rand Company	26/07/2018	3434540	18185728.5	
3434699	Trinseo Europe GmbH	27/07/2017	3434699	17183493.0	
3435448	Innolith Assets AG	26/09/2014	3435448	18192385.5	German
3435723	Telefonaktiebolaget LM Ericsson (publ)	27/03/2014	3435723	18195775.4	
3435776	Dow Global Technologies, LLC	27/03/2017	3435776	17716699.8	
3435932	Biotronik AG	30/03/2017	3435932	17713315.4	
3436253	Compagnie Générale des Etablissements Michelin	20/03/2017	3436253	17713140.6	
3436365	Bormioli Pharma S.p.A.	31/01/2017	3436365	17706309.6	
3436677	Yan Engines, Ltd.	30/03/2017	3436677	17716292.2	
3436943	Microsoft Technology Licensing, LLC	28/03/2017	3436943	17717285.5	
3437212	X Development LLC	27/04/2017	3437212	17725383.8	
3437454	Stiga S.p.A. in breve anche St. S.p.A.	26/07/2018	3437454	18185715.2	
3438476	Daido Metal Company Ltd.	10/07/2018	3438476	18182672.8	
3439788	Schauenburg Maschinen-und Anlagen- Bau GmbH	03/04/2017	3439788	17715452.3	German
3439949	Wärtsilä Finland Oy	07/04/2016	3439949	16721848.6	
3440156	Merck Patent GmbH	05/04/2017	3440156	17714814.5	
3440327	ElringKlinger AG	16/03/2017	3440327	17711638.1	German
3441310	Bell Helicopter Textron Inc.	02/06/2017	3441310	18192495.2	
3441424	Sumitomo Rubber Industries, Ltd.	09/07/2018	3441424	18182372.5	
3442849	Plasser & Theurer Export von Bahnbaumaschinen GmbH	20/03/2017	3442849	17712412.0	German
3443151	TreeToTextile AB	12/04/2017	3443151	17716263.3	
3443322	Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris	14/04/2017	3443322	17717445.5	French
3443361	Delorme, Nicolas, Pierre Saias, Daniel	05/04/2017	3443361	17720548.1	French
3444042	CSD-ECO sp. z o. o.	17/08/2018	3444042	18460049.2	
3444351	Biopharmagen Corp., Fangzhou Suzhou	23/03/2017	3444351	17769462.7	
3444870	LG Chem, Ltd.	30/11/2017	3444870	17889585.0	
3445793	Basell Poliolefine Italia S.r.l.	20/03/2017	3445793	17711219.0	
3445980	ZF Friedrichshafen AG	23/03/2017	3445980	17713268.5	German
3446137	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	20/04/2017	3446137	17718378.7	
3446222	ARM Limited	29/03/2017	3446222	17715980.3	
3446448	Telefonaktiebolaget LM Ericsson (Publ)	26/04/2018	3446448	18725672.2	

3446968	The Boeing Company	26/03/2014	3446968	18195218.5	
3446979	Airbus Operations GmbH	10/11/2016	3446979	18200759.1	
3447030	Cebal - Centro De Biotecnologia Agrícola E Agro-Alimentar Do Alentejo Instituto Politécnico de Beja	20/08/2018	3447030	18189836.2	
3447102	Bostik SA	22/08/2017	3447102	17187319.3	
3447391	WEMEFA Horst Christopeit GmbH	24/07/2018	3447391	18185189.0	German
3448750	FACC AG	28/04/2017	3448750	17723241.0	German
3448797	KHS GmbH	09/03/2017	3448797	17709955.3	German
3448800	D-Innovation	10/04/2017	3448800	17725651.8	French
3449219	Siemens Aktiengesellschaft	28/04/2017	3449219	17720475.7	German
3449331	Oxford Flow Limited	25/04/2017	3449331	17721427.7	
3451119	Nokia Technologies Oy	18/08/2014	3451119	18202411.7	
3451488	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	06/04/2017	3451488	17904385.6	
3452653	Lässer AG	22/02/2017	3452653	17709376.2	German
3453547	Franz Miederhoff oHG	08/09/2017	3453547	17190182.0	German
3453626	Messersì Packaging S.R.L.	05/09/2018	3453626	18192661.9	
3453806	ISO-Chemie GmbH	01/09/2017	3453806	18187767.1	German
3454159	Alerion Technologies, S.L.	06/09/2017	3454159	17382598.5	
3454160	FIMCIM S.P.A.	04/09/2018	3454160	18192607.2	
3454777	Iniziativa Centro Sud S.r.L.	04/05/2017	3454777	17731277.4	
3456124	Telefonaktiebolaget LM Ericsson (publ)	10/05/2017	3456124	17724650.1	
3456624	AIRBUS HELICOPTERS DEUTSCHLAND GmbH	14/09/2017	3456624	17400053.9	
3457620	Commissariat à l'Énergie Atomique et aux Énergies Alternatives	07/09/2018	3457620	18193224.5	French
3458324	Bentley Motors Limited	15/05/2017	3458324	17723682.5	German
3458657	Acquies Holding BV	17/05/2017	3458657	17739329.5	
3459252	Google LLC	16/05/2017	3459252	17726419.9	
3459594	Lumitex, Inc.	12/09/2016	3459594	18204332.3	
3459702	Bell Helicopter Textron Inc.	25/10/2017	3459702	17198419.8	
3460588	Richemont International S.A.	18/09/2018	3460588	18195071.8	French
3460590	Seiko Epson Corporation	21/09/2018	3460590	18195942.0	

3461934	TOYOTA JIDOSHA KABUSHIKI KAISHA	17/09/2018	3461934	18194887.8	
3463090	Koninklijke Philips N.V.	01/06/2017	3463090	17727868.6	
3465797	E-Seven Systems Technology Management Ltd	01/06/2017	3465797	17732765.7	German
3466171	QUALCOMM Incorporated	12/05/2017	3466171	17725106.3	
3467094	IFG Corporation Tohoku University	19/05/2017	3467094	17802703.3	
3468668	Brainlab AG	09/05/2018	3468668	18723817.5	
3470786	The Boeing Company	11/10/2017	3470786	17382676.9	
3470904	Thales	16/10/2018	3470904	18200809.4	French
3471511	Advanced Technology Emission Solutions Inc.	29/09/2016	3471511	18195317.5	
3472406	Ulma C Y E, S. Coop.	06/04/2017	3472406	17716506.5	
3472497	Schaeffler Technologies AG & Co. KG	13/06/2017	3472497	17734230.0	German
3472616	Koninklijke Philips N.V.	19/06/2017	3472616	17732373.0	
3474707	Valentini Glass & Components S.r.l.	03/09/2018	3474707	18778564.7	
3474960	Fischer Sports GmbH	23/06/2017	3474960	17732129.6	German
3476368	Edwards Lifesciences Corporation	08/06/2009	3476368	18210511.4	
3476598	XYZprinting, Inc. Kinpo Electronics, Inc.	05/04/2018	3476598	18165836.0	
3476851	Shin-Etsu Chemical Co., Ltd.	19/10/2018	3476851	18201389.6	
3477319	LG Chem, Ltd.	18/10/2017	3477319	17879268.5	
3478195	Silony Medical International AG	28/06/2017	3478195	17736605.1	German
3478201	Koninklijke Philips N.V.	30/06/2017	3478201	17739509.2	
3479552	Telefonaktiebolaget LM Ericsson (publ)	04/07/2016	3479552	16742186.6	
3479594	Harpex Ltd	31/08/2018	3479594	18769086.2	
3479677	Müthing GmbH & Co. KG	06/11/2017	3479677	17001802.2	German
3479993	W. Müller GmbH	07/11/2017	3479993	17200278.4	German
3482470	Raytheon Company	13/03/2017	3482470	17714079.5	
3482643	Adler, Christoph Kohlwey, Lukas Ulrich	08/11/2017	3482643	17200609.0	German
3482844	GRAMMER Interior Components GmbH	09/10/2018	3482844	18199216.5	German
3484132	Aiklo Technologies, S.L.	04/07/2017	3484132	17777612.7	
3485396	Google LLC	14/07/2017	3485396	17749246.9	
3486174	Airbus Operations S.A.S.	12/10/2018	3486174	18200084.4	French

3487069	Axis AB	17/11/2017	3487069	17202285.7	
3487396	Koninklijke Philips N.V.	20/07/2018	3487396	18742800.8	
3487988	Procella Therapeutics AB	22/08/2018	3487988	18783080.7	
3488128	AUDI AG	27/06/2017	3488128	17737475.8	German
3489849	Siemens Aktiengesellschaft	22/11/2017	3489849	17203075.1	
3489921	Siemens Schweiz AG	24/11/2017	3489921	17203453.0	German
3490108	Rolls-Royce plc	05/11/2018	3490108	18204315.8	
3490924	Haulotte Group	21/07/2017	3490924	17754739.5	French
3491893	Signify Holding B.V.	11/07/2017	3491893	17735593.0	
3492336	Siemens Mobility GmbH	05/11/2018	3492336	18204300.0	German
3493409	HUAWEI TECHNOLOGIES CO., LTD.	30/11/2018	3493409	18209596.8	
3495413	Sumitomo Rubber Industries, Ltd.	01/10/2018	3495413	18197904.8	
3497426	AVL List GmbH	09/08/2017	3497426	17752275.2	German
3498946	BKS GmbH	26/01/2018	3498946	18153583.2	German
3498951	Brose Fahrzeugteile GmbH & Co. Kommanditgesellschaft, Bamberg	28/09/2018	3498951	18197433.8	German
3500497	Mars, Incorporated	16/08/2017	3500497	17758372.1	
3501217	Telefonaktiebolaget LM Ericsson (publ)	16/08/2016	3501217	16758297.2	
3501844	SUMITOMO RUBBER INDUSTRIES, LTD.	21/11/2018	3501844	18207467.4	
3504921	Telefonaktiebolaget LM Ericsson (publ)	22/08/2017	3504921	17758655.9	
3505007	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	09/07/2018	3505007	18182446.7	
3505008	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	09/07/2018	3505008	18182419.4	
3505009	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	09/07/2018	3505009	18182427.7	
3505198	Ethicon LLC	28/12/2018	3505198	18275265.9	
3508037	MA Lighting Technology GmbH	09/11/2017	3508037	17804473.1	German
3509690	Qualcomm Incorporated	14/08/2017	3509690	17757991.9	
3510051	Kiomed Pharma	09/11/2018	3510051	18799773.9	French
3510057	Basell Polyolefine GmbH	09/11/2017	3510057	17794346.1	
3513090	SAF-HOLLAND GmbH	05/09/2017	3513090	17761876.6	German
3515211	Unilever PLC	30/08/2017	3515211	17762083.8	
3524355	Albert Handtmann Maschinenfabrik GmbH & Co. KG	08/02/2018	3524355	18155732.3	German

3524460	Magna Steyr Fuel Systems GesmbH	13/02/2018	3524460	18156488.1	German
3525708	Koninklijke Philips N.V.	13/10/2017	3525708	17783864.6	
3528058	Samsung Electronics Co., Ltd.	26/10/2018	3528058	18202946.2	
3529364	Cyano Biotech GmbH	09/05/2018	3529364	18746841.8	
3530575	Ulma Packaging Technological Center, S.Coop.	21/02/2018	3530575	18382103.2	
3531637	Deutsche Telekom AG	21/02/2018	3531637	18157861.8	
3532072	TX Medic AB	16/05/2018	3532072	18727467.5	
3538453	Audi AG	19/10/2017	3538453	17788112.5	German
3538875	Hach Lange GmbH	07/11/2017	3538875	17794950.0	German

Application for Restoration of Lapsed Patents – Section 37

The number of the patent appears first, followed by the name of the proprietor and the title of the invention for which the patent was granted.

2971362 Coe, William B.
PAVEMENT REPAIR SYSTEM AND METHOD

Any person may, within two months from the date of this Journal, give notice in the manner prescribed by Rule 36(2) of opposition to the Controller.

Proceedings Under Section 38 of the Patents Act, 1992 – Application for amendment of patent specification now open to opposition

In accordance with Order 94, Rule 15 of the Rules of the Superior Courts 1986, any person wishing to oppose the proposed amendments must, within 14 days of the advertisement, give notice to the applicant's solicitor (DFMG Solicitors, 38/39 Fitzwilliam Square, Dublin 2) in writing of such desire and must state therein their address for service within the jurisdiction.

2664429 **Proprietor** Uhlmann Pac-Systeme GmbH & Co KG

Title of Invention Tool holder, tool and work station with tool holder and tool attached to the same.

Agent for Proprietor: DFMG Solicitors, 38/39 Fitzwilliam Square, Dublin 2

The proposed amendments are as follows (the pages referred to are those of the printed specification of EP 2664429). In proceedings before the High Court, the plaintiff seeks, if necessary, to have Claim 7 of the patent amended through the adoption of one or other of the following three proposed amendments, which are called Proposed Amendment 1, Proposed Amendment 2 and Proposed Amendment 3 respectively.

Page 9

Proposed Amendment 1 (First Auxiliary request)

Claim 7 Delete Claim 7 and replace with “Tool (6,8), which is a forming tool, embossing tool, perforating tool, stamping tool or sealing tool in the area of the production of blister packs,
wherein the tool (6,8) has a basic body which has an upper side (28), an underneath side (30), two narrow side flanks (32,34) and two wide side flanks (36),
wherein the tool (6,8) has a clamping bolt (38) projecting from the upper side (28) or underneath side (30) of the basic body, wherein the clamping bolt is arranged substantially centrally between the two wide side flanks (36) and is arranged substantially centrally between the narrow side flanks (32,34),
wherein the clamping bolt (38) is mushroom-shaped with a cylindrical lower section (40) and a head section (42) which has an inclined engagement face (44) which serves to be acted upon by an inclined work face (66) of a tension bolt (56) in the tool holder (2,4),
wherein the tool (6,8) has a cylindrical positioning pin (46) which projects in the same direction from the tool (6,8) as the clamping bolt (38), wherein the positioning pin (46) is arranged centrally between the wide side flanks (36) and is arranged closer to a forward narrow side flank (32) than to a rear narrow side flank (34), and wherein the positioning pin (46) has an at least as large a diameter as the lower section (40) of the clamping bolt (38),
and wherein the tool (6,8) has a groove (48) which runs centrally between the wide side flanks (36) and which extends from the rear narrow side flank (34) into the basic body.”

Proposed Amendment 2 (Second Auxiliary request)

Claim 7 Delete Claim 7 and replace with “Tool (6,8), which is a forming tool, embossing tool, perforating tool, stamping tool or sealing tool in the area of the production of blister packs,

wherein the tool (6,8) has a basic body which has an upper side (28), an underneath side (30), two narrow side flanks (32,34) and two wide side flanks (36),
wherein the tool (6,8) has a clamping bolt (38) projecting from the upper side (28) or underneath side (30) of the basic body, wherein the clamping bolt is arranged substantially centrally between the two wide side flanks (36) and is arranged substantially centrally between the narrow side flanks (32,34),
wherein the clamping bolt (38) is mushroom-shaped with a cylindrical lower section (40) and a head section (42) which has an inclined engagement face (44) which serves to be acted upon by an inclined work face (66) of a tension bolt (56) in the tool holder (2,4), wherein the cylindrical lower section (40) of the clamping bolt (38) is arranged adjacent to the head section (42) of the clamping bolt (38) and adjacent to the upper side (28) or underneath side (30) of the basic body,
wherein the tool (6,8) has a cylindrical positioning pin (46) which projects in the same direction from the tool (6,8) as the clamping bolt (38), wherein the positioning pin (46) is arranged centrally between the wide side flanks (36) and is arranged closer to a forward narrow side flank (32) than to a rear narrow side flank (34), and wherein the positioning pin (46) has an at least as large a diameter as the lower section (40) of the clamping bolt (38),
and wherein the tool (6,8) has a groove (48) which runs centrally between the wide side flanks (36) and which extends from the rear narrow side flank (34) into the basic body.”

Proposed Amendment 3 (Third Auxiliary request)

Claim 7 Delete Claim 7 and replace with “Tool (6,8), which is a forming tool, embossing tool, perforating tool, stamping tool or sealing tool in the area of the production of blister packs, the tool (6,8) being adapted for insertion into a tool holder (2,4) with a head section (42) of a clamping bolt (38) of the tool (6,8) fitting into a wider section of a T-groove (52) of the tool holder (2,4) and the clamping bolt (38) sliding along the T-groove (52) in a guided manner,
wherein the tool (6,8) has a basic body which has an upper side (28), an underneath side (30), two narrow side flanks (32,34) and two wide side flanks (36),
wherein the tool (6,8) has the clamping bolt (38) projecting from the upper side (28) or underneath side (30) of the basic body, wherein the clamping bolt is arranged substantially centrally between the two wide side flanks (36) and is arranged substantially centrally between the narrow side flanks (32,34),
wherein the clamping bolt (38) is mushroom-shaped with a cylindrical lower section (40) and the head section (42) which has an inclined engagement face (44) which serves to be acted upon by an inclined work face (66) of a tension bolt (56) in the tool holder (2,4),
wherein the tool (6,8) has a cylindrical positioning pin (46) which projects in the same direction from the tool (6,8) as the clamping bolt (38), wherein the positioning pin (46) is arranged centrally between the wide side flanks (36) and is arranged closer to a forward narrow side flank (32) than to a rear narrow side flank (34), and wherein the positioning pin (46) has an at least as large a diameter as the lower section (40) of the clamping bolt (38),
and wherein the tool (6,8) has a groove (48) which runs centrally between the wide side flanks (36) and which extends from the rear narrow side flank (34) into the basic body.”

Supplementary Protection Certificates Lapsed

The name and address of the grantee follows the number allocated to the request for the grant of a certificate; this number applies also to the granted certificate. The date in brackets following the name and address is the date of grant of the certificate. The number of the basic patent and the title of the invention are followed by the name of the product for which the certificate was granted. Marketing authorisation references in respect of the product concerned are also shown, followed by the date on which the certificate was declared invalid.

2007041 Noden Pharma DAC, 56 Fitzwilliam Square, Dublin 2, Ireland
(16/04/2008)
Patent No: 0678503; Delta-amino-gamma-hydroxy-omega-aryl alkanolic acid
amides with enzyme especially renin inhibiting activities
Product: Aliskiren or pharmaceutically acceptable salts thereof.
Market Authorisation: Ireland EU/1/07/405/001-020, 22/08/2007

SPC No. 2007/041 lapsed due to non-payment of SPC Renewal Fee in respect of
year 25.

Application for Extension of the Duration of a Supplementary Protection Certificate

The name and address of the applicant follow the number allocated to the Supplementary Protection Certificate (SPC). The date in brackets following the name and address is the date of receipt of the application for an extension of the duration of the SPC. The Patent number is that under which the product in respect of which an extension of the duration of the SPC is sought is, allegedly, protected. Market authorisation references in respect of the product concerned are also shown, followed by the original date of expiry of the certificate.

2010034 AMGEN FREMONT INC., One Amgen Center Drive Thousand Oaks, CA
91320-1799, United States of America

AMGEN INC., One Amgen Center Drive Thousand Oaks, CA 91320-1799,
United States of America
(23/12/2019)
Patent No: 1409016; ANTIBODIES TO OPGL
Product: Denosumab (Prolia®)

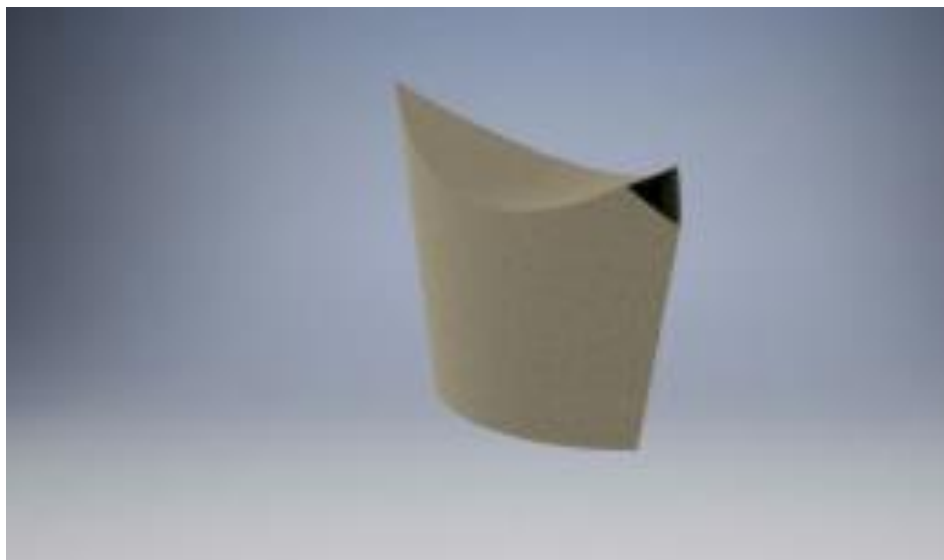
Market Authorisation: Ireland EU/1/10/618/001, 26/05/2010
Ireland EU/1/10/618/002, 26/05/2010
Ireland EU/1/10/618/003, 26/05/2010
Ireland EU/1/10/618/004, 26/05/2010
Ireland EU/1/10/618/001, 26/05/2010
Ireland EU/1/10/618/002, 26/05/2010
Ireland EU/1/10/618/003, 26/05/2010
Ireland EU/1/10/618/004, 26/05/2010
Original SPC Expiry Date: 27/05/2025

Designs Registered Under The Industrial Designs Act, 2001

22839 07.01 Lynne O Loughlin, Corbally, Corofin, Co Galway H54NN70, Ireland
Address for service is c/o Lynne O Loughlin
Corbally, Corofin, Co Galway H54NN70, Ireland

Date of Registration: 19 January 2019.

An eco cup for sporting events.



Renewal of Designs Registered under the Industrial Designs Act, 2001

Registrations renewed for 3rd period of 5 Years

Design Number	Class
21212	10-02
21213	10-02

Designs Registered Under The Industrial Designs Act 2001, which have expired due to non-renewal

Design number	Class
21186	11.01
21779	11-01
21780	11-01
21781	11-01
21782	11-01
21783	11-01
21784	11-01
21785	11-01
21786	11-01
21787	11-01
21788	11-01
21789	11-01
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21813	11-01
21814	11-01

Iris um Oifig Maoine Intleachtúla na hÉireann
Journal of the Intellectual Property Office of Ireland

Cuid II
Trádmharcanna

No. 2403

Wednesday, 22 January, 2020

NOTE: *The office does not guarantee the accuracy of its publications nor undertake any responsibility for errors or omissions or their consequences.*

In this Part of the Journal, unless the context otherwise requires, a reference to the 1963 Act means the Trade Marks Act, 1963, a reference to the 1963 Rules means the Trade Marks Rules, 1963, a reference to the 1996 Act means the Trade Marks Act, 1996 and a reference to the 1996 Rules means the Trade Marks Rules, 1996.

Official Notice

Register of Trade Mark Agents

Examination in Law & practice of Trade Marks

Subject to there being a sufficient number of candidates, it is proposed to hold a written examination in the law and practice of trademarks on **21 April 2020**. The latest date for receipt of applications from persons who wish to sit this written examination is **31 March 2020**.

Candidates wishing to be examined must have submitted in advance to the Controller a completed application form and fee of €200 no later than **31 March 2019**.

Applicants who wish to sit the examination will be notified of the venue and furnished with other relevant information in due course.

Application for Registration of marks published under Section 43(1) of the 1996 Act following acceptance

Notice is hereby given that Applications for the Registration of the undermentioned trade marks have been accepted.

Any person who desires to oppose the registration of these trade marks may within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the Applicant affording him an opportunity to withdraw his application for registration. In this way cost of opposition proceedings may be avoided.

Coláiste Síciatraithe na hÉireann

262199 16 August 2019

- Class 9. Instructional and teaching apparatus and instruments; electronic publications.
- Class 16. Printed matter, books, calendars and diaries, stationery, posters, prints, instructional and teaching materials; all the aforesaid goods relating to psychiatry and medicine.
- Class 41. Educational and training services in the field of psychiatry and medicine; arranging and conducting educational conferences; arranging and conducting educational lectures, seminars, and workshops in the field of psychiatry; organising educational exhibitions for psychiatrists; publishing services; publishing of electronic publications.
- Class 42. Psychiatric and medical research; information and advisory services relating to the aforesaid.

College of Psychiatrists of Ireland, 5 Herbert Street, Dublin 2, Ireland. Address for service is c/o Gerard Kelly, c/o Mason Hayes Curran, South Bank House, Barrow Street, Dublin 4, Ireland.



**College of Psychiatrists
of Ireland**

Wisdom • Learning • Compassion

262200 16 August 2019

- Class 9. Instructional and teaching apparatus and instruments; electronic publications.
- Class 16. Printed matter, books, calendars and diaries, stationery, posters, prints, instructional and teaching materials; all the aforesaid goods relating to psychiatry and medicine.
- Class 41. Educational and training services in the field of psychiatry and medicine; arranging and conducting educational conferences; arranging and conducting educational lectures, seminars, and workshops in the field of

psychiatry; organising educational exhibitions for psychiatrists; publishing services; publishing of electronic publications.

Class 42. Psychiatric and medical research; information and advisory services relating to the aforesaid.

College of Psychiatrists of Ireland, 5 Herbert Street, Dublin 2, Ireland. Address for service is c/o Gerard Kelly, c/o Mason Hayes Curran, South Bank House, Barrow Street, Dublin 4, Ireland.

The mark in use is/will be in the colours blue and yellow



262201 20 September 2019

Class 9. Computer software, namely security management software modules that provide privacy, access control, integrity, digital signature and authentication services for data communications across operating environments, multiple platforms and network protocols, namely software for the creation, support, authentication, and

deletion of electronic identities, security management functions and alarms; computer software related to financial information, investment, and trading, namely electronic trading software, portfolio management software; software application that enables electronic transmission of payment data; software application that allows for hosting of payment and identity credentials, including debit and credit cards and loyalty card credentials on telecommunication devices; software that provides a public key directory service; software that provides full or file-level encryption and digital signature over personal computer, workstation, local area network and mainframe environments; downloadable printable materials, namely product brochures, posters, newspapers, periodicals, newsletters and books.

Class 35. Operation of a loyalty rewards program; provision of advertising and marketing space and services on the Internet and telecommunication devices; investment in information processing or e-commerce companies and participation in joint ventures or alliances to carry out information processing and e-commerce activities; computerized data processing services.

Class 36. Banking services; financial planning and investment advisory services; financial management; insurance services; financial services, namely, providing financial and investment information and bank account information by electronic means and in a software application (app) format; mobile banking

services, namely, banking information services provided and accessible through the internet, mobile phones, smart phones, handheld computers and tablet computers; online banking services; providing banking, financial planning and budget management information over a global computer network and by electronic means; safety deposit box services; trust company services; securities services; lending and mortgage services; foreign exchange services; financial investment brokerage services; investment management services; investment advice, namely income and asset protection through licensed advisors; tax advisory services; financial investment counselling; wealth management services, namely portfolio management and investment advisory services; estate and trust services, namely trust set up, management, settlement and administration, providing strategies and advice regarding retirement, wills and estate and trust services, custodial services, business and farm succession planning services; asset management services; financial administration of retirement plans; holding company services, namely the acquisition, holding and sale of investments; information services, namely balance and transaction reporting services; debit, credit, pre-paid card, stored value card, and chip card applications and services; information and transaction processing services for financial service providers; mobile wallet and e-wallet services; providing mobile payment services; electronic payment services; payment

transaction processing; remote payment services; electronic cash transactions.

Class 38. Telecommunications services, namely information and transaction processing services on the Internet and data transmission services, electronic commerce services; e-commerce enabling and transactions services; providing multiple-user access to a global computer information network.

Class 42. Security services, namely secure processing services on the Internet, certificate authority services, public key infrastructure services, digital certificate services, issuing, managing, validating and revoking digital signatures, encryption services and authentication services, validation services; data encryption and decryption of financial information; electronic commerce security services, namely the issuance and management of digital certificates and the design of secured transaction services and the provision of validation services, namely the reselling and marketing of securities software; e-commerce enabling and transactions services; software services, namely the development, sale, resale, lease, marketing and/or servicing of software applications; consulting and advisory services in relation to e-commerce services; design, development and implementation of software; development of software for secure network operations; providing software as a service (SaaS) for use in inputting, securing, storing, archiving, retrieving, organizing and managing financial documents, materials and information; software as a service (SaaS) provider to

enable the provision of banking services to customers by means of the internet; providing software as a service (SaaS) for use in hosting of payment and identity credentials, including debit and credit cards and loyalty card credentials on telecommunication devices.

The Bank of Nova Scotia, 44 King Street West, Toronto, Ontario M5H 1H1, Canada. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4, Ireland.



262202 20 September 2019

Class 9. Computer software, namely security management software modules that provide privacy, access control, integrity, digital signature and authentication services for data communications across operating environments, multiple platforms and network protocols, namely software for the creation, support, authentication, and deletion of electronic identities, security management functions and alarms; computer software related to financial information, investment, and trading, namely electronic trading software, portfolio management software; software application that enables electronic transmission of payment data; software application that allows for hosting of payment and identity credentials,

including debit and credit cards and loyalty card credentials on telecommunication devices; software that provides a public key directory service; software that provides full or file-level encryption and digital signature over personal computer, workstation, local area network and mainframe environments; downloadable printable materials, namely product brochures, posters, newspapers, periodicals, newsletters and books.

Class 35. Operation of a loyalty rewards program; provision of advertising and marketing space and services on the Internet and telecommunication devices; investment in information processing or e-commerce companies and participation in joint ventures or alliances to carry out information processing and e-commerce activities; computerized data processing services.

Class 36. Banking services; financial planning and investment advisory services; financial management; insurance services; financial services, namely, providing financial and investment information and bank account information by electronic means and in a software application (app) format; mobile banking services, namely, banking information services provided and accessible through the internet, mobile phones, smart phones, handheld computers and tablet computers; online banking services; providing banking, financial planning and budget management information over a global computer network and by electronic means; safety deposit box services; trust company services; securities services; lending and

- mortgage services; foreign exchange services; financial investment brokerage services; investment management services; investment advice, namely income and asset protection through licensed advisors; tax advisory services; financial investment counselling; wealth management services, namely portfolio management and investment advisory services; estate and trust services, namely trust set up, management, settlement and administration, providing strategies and advice regarding retirement, wills and estate and trust services, custodial services, business and farm succession planning services; asset management services; financial administration of retirement plans; holding company services, namely the acquisition, holding and sale of investments; information services, namely balance and transaction reporting services; debit, credit, pre-paid card, stored value card, and chip card applications and services; information and transaction processing services for financial service providers; mobile wallet and e-wallet services; providing mobile payment services; electronic payment services; payment transaction processing; remote payment services; electronic cash transactions.
- Class 38. Telecommunications services, namely information and transaction processing services on the Internet and data transmission services, electronic commerce services; e-commerce enabling and transactions services; providing multiple-user access to a global computer information network.
- Class 42. Security services, namely secure processing services on the Internet, certificate authority services, public key infrastructure services, digital certificate services, issuing, managing, validating and revoking digital signatures, encryption services and authentication services, validation services; data encryption and decryption of financial information; electronic commerce security services, namely the issuance and management of digital certificates and the design of secured transaction services and the provision of validation services, namely the reselling and marketing of securities software; e-commerce enabling and transactions services; software services, namely the development, sale, resale, lease, marketing and/or servicing of software applications; consulting and advisory services in relation to e-commerce services; design, development and implementation of software; development of software for secure network operations; providing software as a service (SaaS) for use in inputting, securing, storing, archiving, retrieving, organizing and managing financial documents, materials and information; software as a service (SaaS) provider to enable the provision of banking services to customers by means of the internet; providing software as a service (SaaS) for use in hosting of payment and identity credentials, including debit and credit cards and loyalty card credentials on telecommunication devices.

The Bank of Nova Scotia, 44 King Street West,
Toronto, Ontario M5H 1H1, Canada. Address for
service is c/o FRKelly, 27 Clyde Road, Ballsbridge,
Dublin 4, Ireland.

LIFELINES

262203 10 May 2018

- Class 16. Printed matter; publications; photographs; stationery; books; booklets; directories; recipe cards; recipe books; pamphlets; diaries; charts; greetings cards; magazines; periodical publications; instructional and teaching materials; posters; plans; pads; postcards; catalogues; newsletters; printed forms; flyers; printed publications; handbooks; manuals; printed advertisement boards made of cardboard; cards; calendars; note books; calculating tables; writing materials; writing instruments; printed signboards made of cardboard; cookbooks; carrier bags.
- Class 35. The bringing together, for the benefit of others, of a variety of goods namely electrical and electronic measuring, weighing and calculating devices, appliances, instruments, apparatus and systems, electrical and electronic apparatus, appliances, equipment and instruments for monitoring physical activity, computer software, downloadable software, electronic publications, downloadable electronic publications, compact discs, DVDs and

other digital recording media, pre recorded compact discs, DVDs and other recording media, data processing equipment, computers, computer hardware, computer firmware, computer peripheral devices, weighing scales, weighing balances, weighing platforms, all for weighing the human body, digital weighing scales, digital balances, digital platforms, computer software for controlling weighing apparatus, appliances, instruments and devices, for use in database management, computer programs for controlling weighing apparatus, appliances, instruments and devices for use in data management, downloadable computer software and computer programs for controlling weighing apparatus, appliances, instruments and devices for use in data management, software and programs for managing, assisting, monitoring and weighing, information technology and audio visual equipment, data processing equipment and accessories, measuring, detecting and monitoring apparatus and instruments, printed matter, publications, photographs, stationery, books, booklets, directories, recipes, pamphlets, diaries, charts, greetings cards, magazines, periodical publications, instructional and teaching materials, posters, plans, pads, postcards, catalogues, newsletters, printed forms, flyers, printed publications, handbooks, manuals, advertisement boards, cards, calendars, notebooks, calculating tables, writing materials, writing instruments, signs, cookbooks, clothing, footwear and headwear,

exercise apparatus, equipment and devices, fitness apparatus, equipment and devices, exercise bicycles, body training and toning equipment, apparatus and devices, computer controlled exercisers, fitness apparatus and equipment, gymnastic and sporting articles, apparatus, appliances, equipment and instruments for monitoring physical activity, pharmaceuticals, dietary supplements, nutraceuticals, supplements, dietary supplements, vitamins, minerals, dietetic food and substances, food and food products, snack foods, prepared and packaged meals and food, agricultural, horticultural and forestry products, fresh fruits, vegetables, nuts, herbs, seeds, grains, salad vegetables, fungi and legumes, garden salads, unprocessed fruits, vegetables, nuts, herbs, seeds, grains, salad vegetables, fungi and legumes, raw fruits, vegetables, nuts, herbs, seeds, grains, salad vegetables, fungi and legumes, seeds, beers, mineral and aerated waters and other non alcoholic drinks, fruit drinks and fruit juices, syrups and other preparations for making beverages, alcoholic beverages (except beer), preparations for making alcoholic beverages; the bringing together, for the benefit of others, of a variety of services namely education services, training services, arranging and conducting education seminars, lectures, symposia, colloquiums, conferences and workshops, coaching services, online education services, provision of online training services, online education services, arranging of lectures,

seminars, symposia and workshops, health club services, fitness club services, health and fitness services, exercise services, information services and counselling services relating to exercise, education services and education advice relating to physical fitness, exercise, instruction services relating to fitness and exercise, fitness and exercise training services, provision of exercise and fitness classes, publishing services in relation to electronic publications, publishing services in relation to downloadable publications, publishing services relating to electronic magazines, journals, books and other written materials, information services and counselling services; relating to fitness, recreation, information services in the fields of fitness, exercise and recreation, online information services and counselling services relating to fitness, exercise and recreation, web based information services and counselling services relating to fitness, exercise and recreation, educational services namely provision of correspondence courses, publishing services in relation to texts, publishing services in relation to books, information and counselling services, online information and counselling services, beauty care services, slimming salon services, slimming treatment services, weight control evaluation, weight control treatment, weight management evaluation, weight management treatment, weight management services, supervision services in the field of weight management, providing weight loss

<p>programme services, providing weight management programme services, providing nutritional information about food and drink for weight loss, weight control and weight management purposes and health care services, enabling customers to conveniently view and purchase those goods from an internet website, an intranet website, or any other computer network, from an online retail store or outlet, from an online wholesale store or outlet, a retail store or outlet, a wholesale store or outlet, through a television shopping channel, by mail order, or by means of telecommunications.</p>	
<p>Class 41. Education; instruction; providing of training; arranging and conducting of educational and instructional classes, seminars, lectures, symposia, colloquiums, conferences and workshops; academies; coaching; sporting and cultural activities; online education services; provision of online training; online educational classes, seminars, lectures, symposia and workshops; online instructional services; provision of online instruction; online instructional classes, seminars, lectures, symposia and workshops; providing education, instruction, training and coaching on slimming, weight control, weight management, diet, dieting, exercise, health, lifestyle, eating habits, food, nutrition and well being accessible by means of the internet, the cloud, an intranet, web-based applications, mobile phone applications, hand-held computer devices, wireless communication devices and other electronic means;</p>	<p>services for the provision of exercise equipment; health club services; fitness club services; health and fitness services; exercise services; advisory, counselling, consultancy, and instruction services relating to exercise'; and 'provision of information and guidance relating to exercise; education, instruction and advice relating to physical fitness and exercise; physical fitness centres; fitness and exercise instruction; fitness and exercise training services; exercise and fitness classes; provision of educational seminars and workshops pertaining to of slimming, weight control, weight management, diet, dieting, exercise, health, lifestyle, eating habits, nutrition, well-being, fitness, and weight training; provision of services and facilities pertaining to slimming, weight control, weight management, diet, dieting, exercise, health, lifestyle, eating habits, well-being, gymnasium, fitness, weight training, and aerobics; provision of services in the instruction and supervision of individuals in the fields of slimming, weight control, weight management, diet, dieting, food and nutrition , exercise, health, lifestyle, eating habits, well-being, gymnasium, fitness and recreation; providing electronic publications; providing non downloadable publications; publication of electronic and digital magazines, journals, books, bookazines and other written materials; advisory, counselling and consultancy services relating to fitness, exercise and recreation; provision of information and guidance relating to fitness,</p>

exercise and recreation; provision of information in the fields of fitness, exercise and recreation; advisory, counselling and consultancy services relating to fitness, exercise and recreation; provision of information and guidance relating to fitness, exercise and recreation; web-based advisory, counselling and consultancy services relating to fitness, exercise and recreation; provision of web-based information and guidance services relating to fitness, exercise and recreation; online provision of information in the fields of fitness, exercise and recreation; organisation of competitions; correspondence courses; publication of texts; publication of books; provision of education, training, information and coaching in relation to slimming, weight control, weight management, diet, dieting, exercise, health, lifestyle, foods, beverages, nutrition, eating habits and well-being; publication services; publication of photographs, stationery, books, bookazines, booklets, directories, recipes, recipe books, pamphlets, diaries, charts, greetings cards, magazines, periodical publications, instructional and teaching materials, posters, plans, pads, postcards, catalogues, newsletters, forms, flyers, handbooks, manuals, advertisement boards, cards, calendars, note books, calculating tables, signboards, cookbooks; publication of photographs, stationery, books, bookazines, booklets, directories, recipes, recipe books, pamphlets, diaries, charts, greetings cards, magazines, periodical publications, instructional and

teaching materials, posters, plans, pads, postcards, catalogues, newsletters, forms, flyers, handbooks, manuals, advertisement boards, cards, calendars, note books, calculating tables, signboards, cookbooks on the web, internet, intranet, the cloud or otherwise online; online advisory, counselling and consultancy services relating to fitness, exercise and recreation; provision of online information and guidance relating to fitness, exercise and recreation.

Class 44. Advisory, counselling, consultancy, information and guidance services relating to slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits, food, nutrition and well being; provision of information in the fields of slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits, food, beverages, nutrition and well-being; online advisory, counselling, consultancy, information and guidance services relating to slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits and well-being; online provision of information in the fields of slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits, food, beverages, nutrition and well-being; providing advice, counselling, consultancy, information and guidance on slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits, food, nutrition and well being accessible by means of the internet, an intranet, the cloud, web-based applications, mobile phone applications, hand-held

computer devices, wireless communication devices and other electronic means; provision of information relating to slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits, food, nutrition and well-being; online provision of information relating to slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits, food, nutrition, well-being and medical services; web based provision of information relating to slimming, weight control, weight management, diet, dieting, health, lifestyle, eating habits, food, nutrition and well-being; hygiene and beauty services; health care services; provision of advisory, counselling and consultancy services and information and guidance relating to slimming, weight control, weight management, diet, dieting, foods, beverages, nutrition, health, lifestyle, eating habits and well-being.

Miles-Bramwell Executive Services Limited, Clover Nook Road, Somercotes, Alfreton, Derbyshire DE55 4RF, United Kingdom. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4, Ireland.

Your Move

262204 30 October 2019

Class 9. Video game software; Video games software; Video game programs.

Chooma Entertainment Ltd., Ground Floor, 8-9 Marino Mart, Fairview, Clontarf, Dublin, Ireland. Address for service is c/o Chooma Entertainment Ltd., Ground Floor, 8-9 Marino Mart, Fairview, Clontarf, Dublin, Ireland.



The logo for '6th Sense Global Designs' features the text '6th Sense' in a large, serif font, with a small silhouette of a person standing on the letter 'e'. Below this, the words 'Global Designs' are written in a smaller, italicized serif font. A solid black horizontal bar is positioned under the '6th'.

262205 10 July 2019

Class 25. Clothing; Men's suits; Men's clothing; Jumpers [sweaters]; Shirts; Polo shirts; Jackets; Blazers; Trousers; Ties; Bowties; Socks; Footwear; Dress shoes; Headwear; Neck scarfs [mufflers]; Gloves; Knitwear.

Class 35. Online retail services relating to clothing; Retail services in relation to footwear; Wholesale services in relation to footwear; Retail services in relation to headgear; Wholesale services in relation to headgear; Retail services relating to clothing; Wholesale services relating to clothing.

Dermot Fadden, Linenhall Street, Castlebar, Mayo F23 X972, Ireland. Address for service is c/o Laura Myles, c/o Flynn O'Driscoll Business Lawyers, Unit 2B, Galway Technology Centre, Mervue Business Park, Galway, Ireland.

The mark in use is/will be in the colour(s) As shown/black and white

The Inner CEO

262206 22 March 2019

- Class 35. Commercial consultancy; Business consultancy.
- Class 41. Coaching; Sports coaching; Coaching services; Coaching [training]; Life coaching (training); Personal coaching [training]; Career counselling and coaching; Coaching relating to finance; Coaching services for sporting activities; Sports tuition, coaching and instruction; Coaching in the field of sports; Coaching in economic and management matters; Educational services in the nature of coaching; Training or education services in the field of life coaching; Sports coaching services; Training; Sports training; Training courses; Business training; Adult training; Training services; Meditation training.

Shane Cradock, 4 Ashford Downs, Ashford, Co. Wicklow A67 VW93, Ireland. Address for service is c/o Shane Cradock, 4 Ashford Downs, Ashford, Co. Wicklow A67 VW93, Ireland.

The mark in use is/will be in the colour(s) Black, white, navy, pink



262207 13 May 2019

- Class 30. Foods produced from baked cereals.

The Foods of Athenry Limited, Oldcastle, Athenry, Galway, Ireland. Address for service is c/o Brendan, D. M. O'Connor & Co, Cross Street, Galway, Ireland.

The mark in use is/will be in the colour(s) Purple & grey

Opposition(s) under Section 43 of the 1996 Act

- 261476** PAX Whole Foods & Eco Goods Limited. Opposition filed 17 December 2019
- 261514** Peter Connolly. Opposition filed 17 December 2019

Application(s) deemed to be Withdrawn under Section 45(2) of the 1996 Act

260565	The Chapel Gate Irish Whiskey Company Limited
260566	Lynne Coyle
260569	Shane Kelly
260586	FANCH BERTHOU
260596	Alexandru Groza
260606	Bryan Hyland
260619	GREG UMEH
260630	Blue James Shinnars
260636	Leonie Lynch Phd

Trade Marks Registered under the 1996 Act

260742	(2385) Cl. 39. Trevor Gately
260801	(2385) Cl. 9 35 36 42. KOSI Corporation Limited
260835	(2386) Cl. 35 36. Twinlite Services Limited
261087	(2389) Cl. 29 30. Slimvalley Online Limited
261195	(2390) Cl. 33. The Sailor's Home Company Limited
261222	(2390) Cl. 41. Michelle Connolly
261223	(2390) Cl. 37. Joel Seex
261261	(2391) Cl. 6 19. MYDOOR GMBH
261341	(2392) Cl. 44. Independent Vetcare Limited
261346	(2392) Cl. 25. Gottex Swimwear Brands Ltd.
261347	(2392) Cl. 25. Gottex Swimwear Brands Ltd.
261348	(2392) Cl. 44. Independent Vetcare Limited
261363	(2392) Cl. 43. Everyman Media Limited
261373	(2392) Cl. 35 44. Kate McDaid
261378	(2392) Cl. 35 41 45. HCAFranchise Corporation
261396	(2392) Cl. 1 16. BOSTIK SA
261408	(2392) Cl. 25. KARSTEN MANUFACTURING CORPORATION
261416	(2393) Cl. 33. The Spar Group Limited
261418	(2393) Cl. 9 25. MELON WORLD GMBH
261426	(2393) Cl. 7 9 12 35 36 37 39 41 42 44. Finning (UK) Limited
261446	(2393) Cl. 35 39 41. Sarah Fitzgerald
261450	(2394) Cl. 30. CADBURY UK LIMITED

261455	(2394) Cl. 30 39 43. FOUR STAR PIZZA (IRELAND) LIMITED
261469	(2394) Cl. 35 42. Neringa Bucaite
261471	(2394) Cl. 16 28. CADBURY UK LIMITED
261473	(2394) Cl. 35 36 37 38 39 40 41 42. DSG Retail Limited
261474	(2394) Cl. 35 36 37 38 39 40 41 42. DSG Retail Limited
261478	(2394) Cl. 42. Flow Technology Ltd
261481	(2394) Cl. 36 43 45. Stephen Hughes
261489	(2394) Cl. 28. BRIAN DOWLING
261490	(2394) Cl. 5. GLANBIA Nutritionals (Ireland) Limited
261493	(2394) Cl. 30. Dunhills (Pontefract) Plc
261503	(2394) Cl. 25. Sam Crawford
261507	(2394) Cl. 9 41. Ayooluwa Yewande Oke
261509	(2394) Cl. 9. Moyo Otubela
261512	(2394) Cl. 30 39 43. FOUR STAR PIZZA (IRELAND) LIMITED
261515	(2394) Cl. 30 39 43. FOUR STAR PIZZA (IRELAND) LIMITED
261516	(2394) Cl. 30 39 43. FOUR STAR PIZZA (IRELAND) LIMITED
261531	(2394) Cl. 29. YOPLAIT MARQUES
261537	(2394) Cl. 30. Alan Tracey
261538	(2394) Cl. 41. Gate Theatre
261545	(2394) Cl. 9. Ralph Burke
261558	(2394) Cl. 29. HILTON FOOD GROUP PLC

Renewal of Registrations Under Section 48 of the 1996 Act

31782	Cl. 33. Champagne Louis Roederer (CLR)
31840	Cl. 16. FABER-CASTELL AG
56571	Cl. 5. Bayer Intellectual Property GmbH
60293	Cl. 30. ASSOCIATED BRITISH FOODS PLC
60377	Cl. 1, Cl. 17. The Chemours Company FC, LLC
61041B	Cl. 7. SKODA POWER s.r.o.
B	
68024	Cl. 5. GSK Consumer Healthcare S.A.
68445	Cl. 10. INVISTA TECHNOLOGIES S.A.R.L.
86844	Cl. 29. CADBURY UK LIMITED
87113	Cl. 5. MEDA AB
88455	Cl. 14. SEIKO WATCH KABUSHIKI KAISHA (trading as SEIKO WATCH CORPORATION)
89139	Cl. 1. SPOLANA A.S.
94808	Cl. 5. Diversey, Inc.

94810	Cl. 3. Diversey, Inc.	155147	Cl. 11. MAG INSTRUMENT, INC.
95019	Cl. 5. Diversey, Inc.	155739	Cl. 7, Cl. 9. AMOT CONTROLS CORP.
96934	Cl. 34. British American Tobacco (Brands) Inc.	155775	Cl. 5. PIERRE FABRE MEDICAMENT
99949	Cl. 5. MICRO-MEGA	156051	Cl. 16. THE CARTOON NETWORK, INC.
105495	Cl. 3, Cl. 18, Cl. 25. GUCCIO GUCCI S.p.A.	156297	Cl. 21. Regal Ware, Inc.
105496	Cl. 14. GUCCIO GUCCI S.p.A.	156629	Cl. 28. SPORTCRAFT, LTD
107883	Cl. 16. Failte Ireland	157171	Cl. 5. Wyeth LLC
130671	Cl. 5. DR SCHAR UK LIMITED	157452	Cl. 17, Cl. 21, Cl. 22. Owens Corning Intellectual Capital, LLC
130899	Cl. 5. Bayer Intellectual Property GmbH	157919	Cl. 16, Cl. 25, Cl. 28. TURNER ENTERTAINMENT CO.
131008	Cl. 16. DENPLAN LIMITED	158243	Cl. 16. G.F. SMITH & SON LONDON LIMITED
131111	Cl. 33. SOCIEDAD ANONIMA VINA SANTA RITA	159208	Cl. 11. MAG INSTRUMENT, INC.
131481	Cl. 9. SPIRAX-SARCO LIMITED	159209	Cl. 11. MAG INSTRUMENT, INC.
131793	Cl. 3. STIEFEL LABORATORIES, INC.	159210	Cl. 11. MAG INSTRUMENT, INC.
131794	Cl. 5. STIEFEL LABORATORIES, INC.	216189	Cl. 42. THE RITZ-CARLTON HOTEL COMPANY, L.L.C.
132168	Cl. 9. FINDER S.P.A.	216544	Cl. 42. THE RITZ-CARLTON HOTEL COMPANY, L.L.C.
132306	Cl. 9. Nonesuch Records Inc	216553	Cl. 12. Mitsubishi Jidosha Kogyo Kabushiki Kaisha
132633	Cl. 5. GLAXO GROUP LIMITED	216989	Cl. 30. CADBURY UK LIMITED
133105	Cl. 5. GR Lane Health Products Limited	217008	Cl. 30. CADBURY UK LIMITED
133262	Cl. 25. GABRIELLE STUDIO, INC.	217276	Cl. 1, Cl. 5. Bayer SAS
133263	Cl. 9. GABRIELLE STUDIO, INC.	217480	Cl. 33. Viña Doña Paula S.A.
133264	Cl. 14. GABRIELLE STUDIO, INC.	218076	Cl. 32. PARMALAT S.P.A.
133265	Cl. 18. GABRIELLE STUDIO, INC.	218348	Cl. 1, Cl. 5. SYNGENTA LIMITED
133494	Cl. 5. GR Lane Health Products Limited	218989	Cl. 30. PERFETTI VAN MELLE BENELUX B.V.
133496	Cl. 12. TOYOTA JIDOSHA KABUSHIKI KAISHA TOYOTA MOTOR CORPORATION	219593	Cl. 42. Michael O'Connor
133852	Cl. 12. TOYOTA JIDOSHA KABUSHIKI KAISHA TOYOTA MOTOR CORPORATION	219858	Cl. 6, Cl. 7. Saint-Gobain PAM UK Limited
135827	Cl. 29. CHERRY VALLEY FARMS LIMITED	220896	Cl. 35, Cl. 41, Cl. 42. ADVANCE MAGAZINE PUBLISHERS, INC.
137318	Cl. 5. GR Lane Health Products Limited	220897	Cl. 35, Cl. 41, Cl. 42. ADVANCE MAGAZINE PUBLISHERS, INC.
137851	Cl. 1. SOUDAL	221987	Cl. 12. Halfords Limited
139767	Cl. 3. GABRIELLE STUDIO, INC.	225048	Cl. 35, Cl. 41, Cl. 42. ADVANCE MAGAZINE PUBLISHERS, INC.
139768	Cl. 9. GABRIELLE STUDIO, INC.	225721	Cl. 35, Cl. 39, Cl. 41, Cl. 42. AMERICAN INSTITUTE FOR FOREIGN STUDY (UK) LIMITED
139769	Cl. 14. GABRIELLE STUDIO, INC.	226406	Cl. 35, Cl. 41, Cl. 42. ADVANCE MAGAZINE PUBLISHERS, INC.
139997	Cl. 12. TOYOTA JIDOSHA KABUSHIKI KAISHA also TOYOTA MOTOR CORPORATION	226541	Cl. 35, Cl. 41, Cl. 42. ADVANCE MAGAZINE PUBLISHERS, INC.
141710	Cl. 33. COOLEY DISTILLERY PLC	242958	Cl. 4. HAYES FUELS
153037	Cl. 3. BOEHRINGER INGELHEIM LIMITED	243012	Cl. 32. Cervecería Modelo de México, S. de R.L. de C.V.
153444	Cl. 34. ITB CORPORATION	243038	Cl. 3, Cl. 5. E C De Witt & Company Limited
153803	Cl. 11. Havells Sylvania Fixtures Netherlands B.V.	243080	Cl. 29. Intercontinental Great Brands LLC
153914	Cl. 2. KABUSHIKI KAISHA TOSHIBA		
154211	Cl. 2. AKZO NOBEL COATINGS INTERNATIONAL B.V.		
154688	Cl. 16. FABER-CASTELL AG		
154899	Cl. 11. MAG INSTRUMENT, INC.		
154900	Cl. 11. MAG INSTRUMENT, INC.		

243394	Cl. 30. KRAFT FOODS SCHWEIZ HOLDING GMBH	56570	Cl. 5. 25 November 2019. DEGESCH GESELLSCHAFT MIT BESCHRANKTER HAFTUNG.		
244009	Cl. 30. KRAFT FOODS SCHWEIZ HOLDING GMBH	56612	Cl. 7. 08 November 2019. Ideal Standard International BVBA		
244298	Cl. 9, Cl. 11. HAGER LIMITED	56613	Cl. 11. 08 November 2019. Ideal Standard International BVBA		
244363	Cl. 16, Cl. 41, Cl. 43. FUNKY MONKEYS PLAYCENTRES LIMITED	59824	Cl. 5. 28 November 2019. BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG		
244604	Cl. 30. Mondelez International AMEA Pte. Ltd.	59843	Cl. 3. 11 November 2019. AVON PRODUCTS, INC.		
244653	Cl. 12, Cl. 20. COMBI CORPORATION	59847	Cl. 5. 24 November 2019. MERCURY PHARMA GROUP LIMITED		
244976	Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 38, Cl. 41, Cl. 42, Cl. 45. Sky Limited	61696	Cl. 2. 07 November 2019. Crown Brands Limited		
245090	Cl. 30. R. Twining and Company Limited	67925	Cl. 29. 10 November 2019. Langeberg and Ashton (Pty) Limited		
<p style="text-align: center;">Renewal Fees unpaid at date of expiry of Registration or renewal thereof - Rule 39(1) of the 1996 Rules</p>		69302	Cl. 6, Cl. 7, Cl. 8. 08 November 2019. HALLIBURTON ENERGY SERVICES, INC.		
		84944	Cl. 25. 10 November 2019. REGATTA LTD		
		30345	Cl. 21. 15 November 2019. THE IRISH GLASS BOTTLE COMPANY LIMITED	85328	Cl. 3. 21 November 2019. UNILEVER PLC
		31196	Cl. 29. 18 November 2019. SUN-MAID GROWERS OF CALIFORNIA	85821	Cl. 1, Cl. 9. 03 November 2019. Siemens Healthcare Diagnostics Inc.
		31347	Cl. 9. 02 November 2019. Eaton Electric Limited	85918	Cl. 30. 13 November 2019. CADBURY UK LIMITED
		31406	Cl. 3. 27 November 2019. NOVARTIS AG.	86372	Cl. 29. 13 November 2019. CADBURY UK LIMITED
		31421	Cl. 1. 27 November 2019. CIBA SPECIALTY CHEMICALS HOLDING INC.	86480	Cl. 33. 27 November 2019. BODEGAS MONTECILLO, S.A.
		31442	Cl. 1. 27 November 2019. CIBA SPECIALTY CHEMICALS HOLDING INC.	87040	Cl. 33. 10 November 2019. WILLIAM GRANT & SONS LIMITED
		31443	Cl. 2. 27 November 2019. CIBA SPECIALTY CHEMICALS HOLDING INC.	87975	Cl. 33. 27 November 2019. BODEGAS MONTECILLO, S.A.
		35476	Cl. 29. 28 November 2019. Iglo Foods Group Limited	88917	Cl. 3. 24 November 2019. THE PROCTER & GAMBLE COMPANY
		35709	Cl. 24. 01 November 2019. Heatons (N.I.) Limited	89487	Cl. 33. 27 November 2019. OSBORNE Y CIA S.A.
		56155	Cl. 18. 01 November 2019. CARL FREUDENBERG, (personally responsible partners Helmut Fabricius, Hans Erich Freudenberg, Kurt Kraft, Otto Schildhauer, Peter Wentzler, Herman Freudenberg, Dieter Freudenberg)	89684	Cl. 30. 14 November 2019. CADBURY UK LIMITED
		56182	Cl. 25. 03 November 2019. STYLO MATCHMAKERS INTERNATIONAL LIMITED	93264	Cl. 30. 19 November 2019. Kerry Luxembourg S.à.r.l.
		56198	Cl. 32. 24 November 2019. RIVELLA INTERNATIONAL A.G.	93665	Cl. 5. 29 November 2019. Elanco Tiergesundheit AG
				93777	Cl. 5. 22 November 2019. NOVARTIS AG.
				94611	Cl. 5. 20 November 2019. PHARMAPLANTEX LTD.
				95779	Cl. 10. 29 November 2019. ASTRA TECH AKTIEBOLAG
				95963	Cl. 20. 07 November 2019. PRIMARK HOLDINGS PENNEYS

95964	Cl. 20. 07 November 2019. PRIMARK HOLDINGS PENNEYS	129739	Cl. 4. 14 November 2019. Wintershall Holding GmbH
96371	Cl. 25. 26 November 2019. Benetton Group S.r.l.	129747	Cl. 29. 20 November 2019. GROUPE LACTALIS
96715	Cl. 5. 02 November 2019. E.I. DU PONT DE NEMOURS & COMPANY	129764	Cl. 18. 27 November 2019. DAKS SIMPSON GROUP PUBLIC LIMITED COMPANY
96717	Cl. 3. 19 November 2019. Coty Geneva Sàrl Versoix	129765	Cl. 26. 27 November 2019. DAKS SIMPSON GROUP PUBLIC LIMITED COMPANY
97092	Cl. 7. 15 November 2019. ALLFLEX NEW ZEALAND LIMITED	129814	Cl. 18. 27 November 2019. Waalfin Holding S.A.
97752	Cl. 7. 05 November 2019. SAMMIC, S.L.	129939	Cl. 30. 14 November 2019. WM. WRIGLEY JR. COMPANY
98116	Cl. 25. 06 November 2019. TRIUMPH INTERNATIONAL AKTIENGESELLSCHAFT	130299	Cl. 3. 20 November 2019. Johnson & Johnson
98304	Cl. 7. 05 November 2019. SAMMIC, S.L.	130340	Cl. 25. 09 November 2019. SPORTS AND LEISURE BRANDS
98913	Cl. 7. 28 November 2019. Indesit Company UK Limited	130390	Cl. 29. 09 November 2019. TRILBY TRADING LIMITED
99918	Cl. 3. 29 November 2019. KABUSHIKI KAISHA MIYAKE DESIGN JIMUSHO MIYAKE DESIGN STUDIO	130536	Cl. 10. 07 November 2019. Kemira Oyj
100160	Cl. 5. 19 November 2019. INDIVIOR UK LIMITED	130854	Cl. 32. 15 November 2019. ROBINSONS SOFT DRINKS LIMITED
101347	Cl. 25. 26 November 2019. Benetton Group S.r.l.	130862	Cl. 34. 30 November 2019. CARRERAS (IRELAND) LIMITED
105880	Cl. 30. 19 November 2019. Kerry Luxembourg S.à.r.l.	131153	Cl. 29. 23 November 2019. GENERALE TRAITEUR
128574	Cl. 3. 17 November 2019. ANTONIO PUIG, S.A.	131154	Cl. 30. 23 November 2019. GENERALE TRAITEUR
128583	Cl. 5. 22 November 2019. E.I. DU PONT DE NEMOURS & COMPANY	131155	Cl. 31. 23 November 2019. GENERALE TRAITEUR
128746	Cl. 9. 08 November 2019. CONFEZIONI F.G. S.p.A.	131156	Cl. 16. 28 November 2019. MOVITEX
128750	Cl. 5. 14 November 2019. AstraZeneca AB	131157	Cl. 25. 28 November 2019. MOVITEX
128752	Cl. 5. 15 November 2019. AstraZeneca AB	131466	Cl. 5. 29 November 2019. ALLERGAN, INC.
128772	Cl. 5. 27 November 2019. SANOFI	131783	Cl. 31. 16 November 2019. BUD HOLDING B.V.
129153	Cl. 5. 01 November 2019. Fresenius Medical Care Holdings, Inc.	132170	Cl. 1. 28 November 2019. ANSUL, INCORPORATED
129163	Cl. 1. 13 November 2019. SABIC Innovative Plastics IP B.V.	132319	Cl. 1. 15 November 2019. CARGILL, INCORPORATED
129170	Cl. 20. 21 November 2019. VITRA PATENTE AG	132362	Cl. 3. 30 November 2019. THE PROCTER & GAMBLE COMPANY
129363	Cl. 9. 17 November 2019. ASSOCIATED MUSIC INTERNATIONAL LIMITED	132366	Cl. 9, Cl. 16. 22 November 2019. ERIC RAHMQVIST AKTIEBOLAG
129523	Cl. 7. 07 November 2019. MINTEQ INTERNATIONAL INC.	132456	Cl. 33. 03 November 2019. Brookfield Drinks Limited
129553	Cl. 33. 16 November 2019. Corporación Cimex, S.A.	132557	Cl. 1. 21 November 2019. Kodak Limited
129563	Cl. 5. 23 November 2019. BRACCO SUISSE S.A.	132558	Cl. 9. 21 November 2019. Kodak Limited
129731	Cl. 16. 08 November 2019. MODEL-HOLDING AG	132559	Cl. 16. 21 November 2019. Kodak Limited
		132629	Cl. 12. 14 November 2019. Belron International Limited

132630	Cl. 21. 14 November 2019. Belron International Limited	150656	Cl. 1, Cl. 10, Cl. 17. 11 November 2019. LRC PRODUCTS LIMITED
132756	Cl. 9. 21 November 2019. Actaris SAS	150733	Cl. 9. 18 November 2019. SMS Ireland
132836	Cl. 29. 22 November 2019. NATURE'S BEST LIMITED	150734	Cl. 9. 18 November 2019. SMS Ireland
132899	Cl. 3. 09 November 2019. L'OREAL	150845	Cl. 5. 11 November 2019. King Pharmaceuticals Research & Development, Inc.
133023	Cl. 9. 17 November 2019. ASSOCIATED MUSIC INTERNATIONAL LIMITED	150993	Cl. 9. 19 November 2019. Siemens Industry, Inc.
133746	Cl. 32. 08 November 2019. Lucozade Ribena Suntory Limited	151046	Cl. 25. 08 November 2019. Ballet International Limited
133935	Cl. 25. 29 November 2019. Ferd. Hauber GmbH	151092	Cl. 3. 19 November 2019. PRIMARK HOLDINGS
133994	Cl. 5. 02 November 2019. JOHNSON & JOHNSON	151093	Cl. 16. 19 November 2019. PRIMARK HOLDINGS
134041	Cl. 21. 27 November 2019. RICHEMONT INTERNATIONAL SA	151094	Cl. 18. 19 November 2019. PRIMARK HOLDINGS
134072	Cl. 7. 15 November 2019. Terlet B.V.	151095	Cl. 24. 19 November 2019. PRIMARK HOLDINGS
134073	Cl. 11. 15 November 2019. Terlet B.V.	151096	Cl. 25. 19 November 2019. PRIMARK HOLDINGS
134491	Cl. 16. 29 November 2019. SCA Tissue France	151097	Cl. 28. 19 November 2019. PRIMARK HOLDINGS
136234	Cl. 16. 01 November 2019. GRUPO TELEVISIA ESPAÑA, S.A.	151179	Cl. 9. 15 November 2019. Fox Media LLC
136894	Cl. 16. 13 November 2019. M-real Corporation	151218	Cl. 1, Cl. 5, Cl. 9. 29 November 2019. DSM IP Assets B.V.
139993	Cl. 3. 30 November 2019. Unilever PLC	151282	Cl. 3, Cl. 5, Cl. 11. 11 November 2019. RECKITT BENCKISER (UK) LIMITED
139994	Cl. 5. 30 November 2019. Unilever PLC	151486	Cl. 5. 16 November 2019. Ecolab USA Inc.
148170	Cl. 10. 11 November 2019. Roche Diabetes Care GmbH	151487	Cl. 5. 16 November 2019. Ecolab USA Inc.
148337	Cl. 18. 02 November 2019. PRIMARK HOLDINGS	151488	Cl. 5. 16 November 2019. Ecolab USA Inc.
148432	Cl. 9. 19 November 2019. Siemens Industry, Inc.	151527	Cl. 19. 02 November 2019. Forterra Building Products Limited
148433	Cl. 32. 25 November 2019. M. AND J. GLEESON AND COMPANY	151529	Cl. 5. 16 November 2019. Ecolab USA Inc.
149696	Cl. 16. 04 November 2019. E.I. DU PONT DE NEMOURS & COMPANY	151766	Cl. 9. 17 November 2019. Atari Europe SAS
149860	Cl. 5. 29 November 2019. JOHNSON & JOHNSON	151767	Cl. 30. 22 November 2019. Merisant Company 2 SARL
149907	Cl. 16. 15 November 2019. LYRECO	151868	Cl. 25. 15 November 2019. Ebi Apparel Ltd.
149963	Cl. 9. 11 November 2019. Roche Diagnostics GmbH	151911	Cl. 25. 25 November 2019. MUSTANG BEKLEIDUNGSWERKE GmbH + Co.
150056	Cl. 5. 16 November 2019. UCP Gen Pharma AG	151980	Cl. 5. 11 November 2019. Roche Diabetes Care GmbH
150216	Cl. 5. 23 November 2019. DIMMINACO AG	152901	Cl. 9. 03 November 2019. K-Mail Order 3. Invest GmbH & Co. KG
150412	Cl. 25. 30 November 2019. Magellan Textile Holdings Limited	153190	Cl. 5. 18 November 2019. HELSINN HEALTHCARE S.A.
150536	Cl. 1. 25 November 2019. PARMALAT FOOD INC.		
150554	Cl. 16. 25 November 2019. TRANSPORTES Y DISTRIBUCION S.A. - (TRADISA)		
150632	Cl. 5. 04 November 2019. MERCK KGaA		

153213	Cl. 12. 15 November 2019. POWAKADDY INTERNATIONAL LIMITED	157359	Cl. 25. 22 November 2019. PRIMARK HOLDINGS
153355	Cl. 25. 15 November 2019. Nine West Development LLC	157360	Cl. 28. 22 November 2019. PRIMARK HOLDINGS
154283	Cl. 9. 30 November 2019. Ivanti, Inc.	157449	Cl. 2, Cl. 3. 18 November 2019. The Armor All/STP Products Company
154592	Cl. 9. 15 November 2019. Fox Media LLC	157637	Cl. 2. 18 November 2019. BASF Coatings GmbH
154671	Cl. 1. 23 November 2019. NOVOZYMES A/S	157918	Cl. 32. 18 November 2019. MAHOU, S.A.
154738	Cl. 1. 17 November 2019. GrafTech International Holdings Inc.	159492	Cl. 32. 15 November 2019. BAVARIA S.A.
154739	Cl. 17. 17 November 2019. GrafTech International Holdings Inc.	176591	Cl. 1, Cl. 2, Cl. 3, Cl. 4, Cl. 5, Cl. 6, Cl. 7, Cl. 8, Cl. 9, Cl. 10, Cl. 11, Cl. 12, Cl. 13, Cl. 14, Cl. 15, Cl. 16, Cl. 17, Cl. 18, Cl. 19, Cl. 20, Cl. 21, Cl. 22, Cl. 23, Cl. 24, Cl. 25, Cl. 26, Cl. 27, Cl. 28, Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 33, Cl. 34. 03 November 2019. QUELLE AKTIENGESELLSCHAFT
154765	Cl. 5. 08 November 2019. ASTELLAS PHARMA INC.	215217	Cl. 5. 16 November 2019. Sanofi Pasteur Europe
154941	Cl. 29, Cl. 30. 16 November 2019. BARILLA G.e.R. Fratelli-Società per Azioni	215237	Cl. 10. 22 November 2019. ELA MEDICAL
155145	Cl. 1, Cl. 17. 04 November 2019. DSM IP Assets B.V.	215240	Cl. 2. 22 November 2019. IMPERIAL CHEMICAL INDUSTRIES LIMITED
155164	Cl. 16. 19 November 2019. Croí - THE WEST OF IRELAND CARDIAC FOUNDATION LIMITED	215520	Cl. 42. 07 November 2019. Elrick Catering Limited
155281	Cl. 7. 01 November 2019. CHAMELEON COLOUR SYSTEMS LTD.	215635	Cl. 3. 09 November 2019. PARFUMS CARON
155322	Cl. 9. 12 November 2019. Professional General Electronic Products P.G.E.P.	215658	Cl. 5. 18 November 2019. AstraZeneca AB
155444	Cl. 9. 08 November 2019. Eaton Electric Limited	215672	Cl. 34. 17 November 2019. P.J. CARROLL & COMPANY LIMITED
155880	Cl. 5. 02 November 2019. Merck Sharp & Dohme Corp.	215674	Cl. 5. 23 November 2019. Reckitt & Colman (Overseas) Health Limited
155952	Cl. 9. 24 November 2019. PN Cellular, Inc. (d/b/a Trilogy Partners)	215675	Cl. 34. 17 November 2019. P.J. CARROLL & COMPANY LIMITED
155979	Cl. 3. 02 November 2019. Henkel IP & Holding GmbH	215700	Cl. 5. 18 November 2019. CLONMEL HEALTHCARE LTD
155980	Cl. 3. 02 November 2019. Henkel IP & Holding GmbH	215750	Cl. 24, Cl. 25. 24 November 2019. Miroglio Fashion S.r.l.
156371	Cl. 9. 23 November 2019. MONDEX INTERNATIONAL LIMITED	215823	Cl. 36. 17 November 2019. TEMPEST REINSURANCE COMPANY LIMITED
156645	Cl. 3. 26 November 2019. The Gillette Company LLC	215881	Cl. 20, Cl. 21, Cl. 29, Cl. 30. 14 November 2019. Burton's Foods Limited
156749	Cl. 32. 15 November 2019. BAVARIA S.A.	215976	Cl. 25. 30 November 2019. K-MAIL ORDER GmbH & Co. KG
156967	Cl. 4. 17 November 2019. Bord na Móna Fuels Limited	215987	Cl. 34. 21 November 2019. Imperial Tobacco Limited
157355	Cl. 3. 22 November 2019. PRIMARK HOLDINGS	215995	Cl. 41, Cl. 42. 21 November 2019. P.V. Doyle Hotels Limited
157356	Cl. 16. 22 November 2019. PRIMARK HOLDINGS	215996	Cl. 41, Cl. 42. 21 November 2019. P.V. Doyle Hotels Limited
157357	Cl. 18. 22 November 2019. PRIMARK HOLDINGS		
157358	Cl. 24. 22 November 2019. PRIMARK HOLDINGS		

216061	Cl. 4, Cl. 7, Cl. 12. 18 November 2019. AUTODISTRIBUTION INTERNATIOINAL	217525	Cl. 6, Cl. 19. 30 November 2019. Hydro Building Systems SA
216066	Cl. 28. 23 November 2019. GEOBRA BRANDSTÄTTER GMBH & CO KG	217541	Cl. 16, Cl. 21, Cl. 32, Cl. 33, Cl. 42. 09 November 2019. Pioneer Brewing Company Limited
216115	Cl. 30. 16 November 2019. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	217693	Cl. 6, Cl. 9, Cl. 14, Cl. 16, Cl. 18, Cl. 20, Cl. 21, Cl. 24, Cl. 25, Cl. 28, Cl. 34, Cl. 35. 18 November 2019. Sony Kabushiki Kaisha (also trading as Sony Corporation),
216159	Cl. 2. 22 November 2019. IMPERIAL CHEMICAL INDUSTRIES LIMITED	217916	Cl. 25, Cl. 41, Cl. 42. 21 November 2019. LAUREUS WORLD SPORTS AWARDS LIMITED
216164	Cl. 30. 29 November 2019. CADBURY UK LIMITED	218060	Cl. 5, Cl. 29. 08 November 2019. Upfield Spreads UK Limited
216165	Cl. 2. 22 November 2019. IMPERIAL CHEMICAL INDUSTRIES LIMITED	218413	Cl. 36. 11 November 2019. ULSTER BANK IRELAND LIMITED
216166	Cl. 2. 22 November 2019. IMPERIAL CHEMICAL INDUSTRIES LIMITED	218572	Cl. 1, Cl. 2, Cl. 3, Cl. 4, Cl. 5, Cl. 42. 10 November 2019. UNICHEMA CHEMIE BV
216202	Cl. 36. 24 November 2019. BGC Partners, Inc	218877	Cl. 5, Cl. 10. 11 November 2019. IVAX International B.V.
216255	Cl. 10. 22 November 2019. INNOTHERA TOPIC INTERNATIONAL	219115	Cl. 16, Cl. 35. 09 November 2019. Lagardère Travel Retail
216328	Cl. 31. 25 November 2019. VILMORIN	219367	Cl. 29, Cl. 30. 01 November 2019. OPPENHEIMER PTY LIMITED
216355	Cl. 29. 18 November 2019. LUISSIER S.A.	219857	Cl. 9, Cl. 37, Cl. 38, Cl. 41, Cl. 42. 04 November 2019. Onstar, LLC
216422	Cl. 5, Cl. 29. 08 November 2019. Upfield Spreads UK Limited	220100	Cl. 9, Cl. 16, Cl. 28, Cl. 41. 07 November 2019. Minister for Public Expenditure & Reform
216428	Cl. 41, Cl. 42. 09 November 2019. P.V. Doyle Hotels Limited	220186	Cl. 7, Cl. 9, Cl. 36. 21 November 2019. VISTEON CORPORATION
216452	Cl. 5, Cl. 10. 01 November 2019. Teva Laboratories UK Limited	220312	Cl. 7, Cl. 12, Cl. 35, Cl. 37. 22 November 2019. International Truck Intellectual Property Company, LLC
216530	Cl. 7. 18 November 2019. NOBLE DRILLING CORPORATION	222026	Cl. 18, Cl. 25, Cl. 28, Cl. 35. 02 November 2019. FÉDÉRATION INTERNATIONALE DE FOOTBALL ASSOCIATION
216761	Cl. 35, Cl. 36, Cl. 38, Cl. 42. 04 November 2019. Lindorff Group AB	223399	Cl. 38, Cl. 41. 15 November 2019. A&E Television Networks LLC
216786	Cl. 9, Cl. 16, Cl. 38, Cl. 41, Cl. 42. 02 November 2019. CHELLOMEDIA SERVICES B.V.	230089	Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 37, Cl. 38, Cl. 39, Cl. 41, Cl. 42. 30 November 2019. NTT DOCOMO, INC.
216798	Cl. 41, Cl. 42. 09 November 2019. P.V. Doyle Hotels Limited	234009	Cl. 7. 04 November 2019. PIETRO CUCCHI S.P.A.
216816	Cl. 36. 28 November 2019. AXA IRELAND LIMITED	242490	Cl. 10. 04 November 2019. SHANE MURNAGHAN
217056	Cl. 3. 17 November 2019. Interparfums SA	242491	Cl. 29, Cl. 30. 02 November 2019. ALAN KINGSTON
217097	Cl. 9, Cl. 16, Cl. 35, Cl. 38, Cl. 41, Cl. 42. 25 November 2019. Organisation Europeenne de Telecommunications par Satellite <Eutelsat>	242492	Cl. 35, Cl. 36. 02 November 2019. MUNROE SUTTON LLP
217122	Cl. 28. 01 November 2019. D.A.M. DEUTSCHE ANGELGERÄTE MANUFAKTUR HELLMUTH KUNTZE GMBH & CO. KG	242493	Cl. 32. 05 November 2019. Britvic Ireland Limited
217241	Cl. 7, Cl. 9, Cl. 11, Cl. 12, Cl. 40, Cl. 42. 21 November 2019. VISTEON CORPORATION		
217245	Cl. 7, Cl. 9, Cl. 11, Cl. 12, Cl. 28, Cl. 40, Cl. 42. 21 November 2019. VISTEON CORPORATION		

242503	Cl. 35. 04 November 2019. TIM O'LEARY	242640	Cl. 29. 13 November 2019. ALDI STORES (IRELAND) LIMITED
242538	Cl. 9. 11 November 2019. PARO IT LIMITED	242647	Cl. 5. 13 November 2019. GLAXOSMITHKLINE TRADING SERVICES LIMITED
242554	Cl. 5. 06 November 2019. BASF Agro B.V., Arnhem (NL), Zweigniederlassung Freienbach	242648	Cl. 5. 13 November 2019. GLAXOSMITHKLINE TRADING SERVICES LIMITED
242564	Cl. 9, Cl. 14, Cl. 35. 13 November 2019. HOUSE OF FRASER (STORES) LIMITED	242649	Cl. 5. 13 November 2019. GLAXOSMITHKLINE TRADING SERVICES LIMITED
242566	Cl. 35. 05 November 2019. JOSEF JEANS (IRELAND) LIMITED	242654	Cl. 35, Cl. 42. 02 November 2019. PELICANCORP (UK) LIMITED
242571	Cl. 29, Cl. 30. 03 November 2019. Boyne Valley	242655	Cl. 18, Cl. 24. 20 November 2019. TRIMPROOF LTD.
242572	Cl. 19. 03 November 2019. Saint-Gobain Construction Products UK Limited	242656	Cl. 3. 20 November 2019. SUSAN LEAH KELLY
242574	Cl. 5. 04 November 2019. BRISTOL-MYERS SQUIBB COMPANY	242661	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.
242575	Cl. 5. 04 November 2019. BRISTOL-MYERS SQUIBB COMPANY	242662	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.
242576	Cl. 43. 17 November 2019. MOUNTBROOK HOMES	242663	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.
242577	Cl. 43. 17 November 2019. MOUNTBROOK HOMES	242664	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.
242578	Cl. 43. 17 November 2019. MOUNTBROOK HOMES	242665	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.
242584	Cl. 29, Cl. 30. 13 November 2019. JAMES O'DOHERTY OF J.O.D FOOD PRODUCTS	242671	Cl. 30. 20 November 2019. MCERLAINS BAKERY (MAGHERAFELT) LIMITED
242594	Cl. 33. 04 November 2019. VIÑA SANTA CAROLINA S.A.	242672	Cl. 19. 19 November 2019. HUDSON BROTHERS LTD
242606	Cl. 25. 09 November 2019. THE KELLEHER CLOTHING CO. LIMITED	242673	Cl. 11. 20 November 2019. PULSE HOME PRODUCTS LIMITED
242609	Cl. 29, Cl. 30. 17 November 2019. Kerry Luxembourg S.à.r.l.	242677	Cl. 32. 10 November 2019. ALDI STORES (IRELAND) LIMITED
242612	Cl. 7, Cl. 9, Cl. 37, Cl. 39. 06 November 2019. EXIDE TECHNOLOGIES	242696	Cl. 9, Cl. 16. 09 November 2019. IRISH PHARMACY UNION
242618	Cl. 28, Cl. 41. 05 November 2019. BRIAN CROWLEY T/A CRAYONLAND CASTLES	242708	Cl. 5. 16 November 2019. CARYSFORT HEALTHCARE LTD
242619	Cl. 35. 04 November 2019. EMMA CORCORAN T/A CRAZY FIT AT	242710	Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 39, Cl. 43. 23 November 2019. CROSSGAR FOODSERVICE LTD
242630	Cl. 9, Cl. 16, Cl. 41. 11 November 2019. BERNARD FOLEY	242711	Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 39, Cl. 43. 23 November 2019. CROSSGAR FOODSERVICE LTD
242632	Cl. 32. 19 November 2019. DUNGARVAN BREWING COMPANY LTD	242714	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.
242633	Cl. 32. 19 November 2019. DUNGARVAN BREWING COMPANY LTD		
242634	Cl. 32. 19 November 2019. DUNGARVAN BREWING COMPANY LTD		
242636	Cl. 25. 09 November 2019. JOHN MOYNIHAN		

242715	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242774	Cl. 40. 27 November 2019. DEPARTMENT OF THE ENVIRONMENT, HERITAGE AND LOCAL GOVERNMENT
242716	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242779	Cl. 33. 27 November 2019. JOHN O'CONNELL
242719	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242791	Cl. 4, Cl. 39. 18 November 2019. PHOENIX NATURAL GAS LIMITED
242720	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242792	Cl. 4, Cl. 39. 18 November 2019. PHOENIX NATURAL GAS LIMITED
242721	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242793	Cl. 9. 25 November 2019. MOVIDIUS LIMITED
242724	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242795	Cl. 45. 04 November 2019. RICHARD PAUL
242725	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242806	Cl. 12, Cl. 25, Cl. 27, Cl. 28, Cl. 37, Cl. 41. 06 November 2019. GO PLAY LTD
242733	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242811	Cl. 33. 25 November 2019. VIÑA MORANDÉ S.A.
242735	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242814	Cl. 43. 27 November 2019. MAX & JUICE LIMITED T/A CHEZ MAX
242736	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242820	Cl. 6, Cl. 20, Cl. 37. 25 November 2019. SLIDE GLIDE LIMITED
242737	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242822	Cl. 9. 25 November 2019. MOVIDIUS LIMITED
242739	Cl. 2. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	242828	Cl. 5. 20 November 2019. BRISTOL-MYERS SQUIBB COMPANY
242750	Cl. 3, Cl. 4, Cl. 14, Cl. 18, Cl. 20, Cl. 21, Cl. 25. 06 November 2019. NEXT GENERATION MEDIA	242829	Cl. 5. 20 November 2019. BRISTOL-MYERS SQUIBB COMPANY
242752	Cl. 2. 26 November 2019. CROWN BRANDS LIMITED	242831	Cl. 5. 20 November 2019. BRISTOL-MYERS SQUIBB COMPANY
242753	Cl. 41. 26 November 2019. TOMKINS & CO.	242833	Cl. 5. 20 November 2019. BRISTOL-MYERS SQUIBB COMPANY
242754	Cl. 5. 16 November 2019. RECKITT BENCKISER HEALTHCARE (UK) LIMITED	242849	Cl. 11, Cl. 37. 01 December 2019. INNERGY DISTRIBUTION LIMITED
242759	Cl. 25. 26 November 2019. JERRY WREN	242860	Cl. 43. 17 November 2019. MOUNTBROOK HOMES
242760	Cl. 25. 26 November 2019. JERRY WREN	242861	Cl. 37. 06 November 2019. CYGNUM TIMBER FRAME LTD
242763	Cl. 41. 12 November 2019. TV3 TELEVISION NETWORK LIMITED	242868	Cl. 35, Cl. 41. 23 November 2019. ALEKSANDRA SZCZECINSKA
242764	Cl. 25. 11 November 2019. DOWN SYNDROME CENTRE	242879	Cl. 5. 20 November 2019. RANBAXY LABORATORIES LIMITED
		242880	Cl. 5. 20 November 2019. RANBAXY LABORATORIES LIMITED
		242881	Cl. 5. 20 November 2019. RANBAXY LABORATORIES LIMITED
		242882	Cl. 5. 20 November 2019. RANBAXY LABORATORIES LIMITED
		242883	Cl. 5. 20 November 2019. RANBAXY LABORATORIES LIMITED
		242884	Cl. 5. 20 November 2019. RANBAXY LABORATORIES LIMITED
		242885	Cl. 5. 20 November 2019. RANBAXY LABORATORIES LIMITED

242890	Cl. 2, Cl. 27. 16 November 2019. AKZO NOBEL COATINGS INTERNATIONAL B.V.	244268	Cl. 4, Cl. 6, Cl. 8, Cl. 9, Cl. 11, Cl. 14, Cl. 16, Cl. 18, Cl. 20, Cl. 21, Cl. 24, Cl. 25, Cl. 26, Cl. 28, Cl. 30, Cl. 32, Cl. 33, Cl. 35, Cl. 38, Cl. 39, Cl. 41, Cl. 43, Cl. 45. 17 November 2019. The 50th International Eucharistic Congress
242891	Cl. 3. 30 November 2019. JOHN DONNELLAN C/O FLAIR SALON SERVICES LTD	244861	Cl. 25. 20 November 2019. GEORGIA SCOTT
242903	Cl. 5. 24 November 2019. BIAL-Portela & CA, S.A.	245316	Cl. 29. 03 November 2019. RING OF KERRY QUALITY LAMB SOCIETY LIMITED
242927	Cl. 38. 12 November 2019. PAVEL VOLKOV	246962	Cl. 29. 12 November 2019. ZWANENBERG FOOD UK LTD
242938	Cl. 11, Cl. 30. 01 December 2019. RAPITALIA FOODS LIMITED	248871	Cl. 9, Cl. 38. 23 November 2019. NOVATEL WIRELESS, INC.
242947	Cl. 4. 12 November 2019. JOE MCLOUGHLIN	215639	Cl. 3. 14 November 2019. Zadafo
242984	Cl. 38. 16 November 2019. RONAN JOYCE	A	Verwaltungsgesellschaft mbH
243102	Cl. 41. 18 November 2019. EDWARD CONMY	Trade Marks Removed from the Register under Section 48 and Rule 39(2) of the 1996 Act and Rules.	
243120	Cl. 35, Cl. 39. 01 December 2019. ALAN CAMPBELL	36129	Cl. 34. IMPERIAL TOBACCO LIMITED
243204	Cl. 41. 01 December 2019. PATRICK CONWAY	36159	Cl. 29, 30. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
243212	Cl. 29. 01 December 2019. MCCAIN FOODS (GB) LIMITED	36249	Cl. 34. CARRERAS (IRELAND) LIMITED.
243249	Cl. 9, Cl. 42. 20 November 2019. INFORMATION TECHNOLOGY PROVIDERS LTD	55883	Cl. 14. WAH MING HONG HOLDINGS LIMITED
243354	Cl. 9, Cl. 16, Cl. 35, Cl. 38, Cl. 41. 09 November 2019. IRISH PHARMACY UNION	59217	Cl. 30. WM. WRIGLEY JR. COMPANY
243537	Cl. 9, Cl. 35, Cl. 38, Cl. 41, Cl. 42. 25 November 2019. YBM LIMITED	59455	Cl. 19. THE MORGAN CRUCIBLE COMPANY PLC
243577	Cl. 1, Cl. 16, Cl. 19, Cl. 20, Cl. 31, Cl. 40, Cl. 42, Cl. 44. 02 November 2019. FIBRIA CELULOSE S.A.	61012	Cl. 25. TRIUMPH INTERNATIONAL AKTIENGESELLSCHAFT
243578	Cl. 45. 26 November 2019. NETWATCH IRELAND LIMITED	67406	Cl. 1. BASF Agro B.V., Arnhem (NL), Zweigniederlassung Freienbach
243579	Cl. 1, Cl. 16, Cl. 19, Cl. 20, Cl. 31, Cl. 40, Cl. 42, Cl. 44. 02 November 2019. FIBRIA CELULOSE S.A.	67611	Cl. 34. AMERICAN-CIGARETTE COMPANY (OVERSEAS) LIMITED
243619	Cl. 16, Cl. 35, Cl. 36, Cl. 41, Cl. 42. 11 November 2019. WHITESPACE PUBLISHING GROUP LIMITED	84426	Cl. 30. Masterfoods Limited
243690	Cl. 35. 06 November 2019. CRUNCH RETAIL LIMITED	84524	Cl. 30. CAFFREY'S LTD.
243879	Cl. 35, Cl. 38, Cl. 41, Cl. 42, Cl. 45. 05 November 2019. NOEL O'SULLIVAN	84900	Cl. 1. CLEARON CORP.
244070	Cl. 9, Cl. 16, Cl. 25, Cl. 28, Cl. 41. 19 November 2019. CHAPMAN ENTERTAINMENT LIMITED	84901	Cl. 3. CLEARON CORP.
244178	Cl. 35, Cl. 41. 05 November 2019. ALEXANDRA (SANDRA) MIRIAM WALKER	84902	Cl. 5. CLEARON CORP.
		85090	Cl. 34. P.J. CARROLL & COMPANY LIMITED
		85185	Cl. 32. Marston's PLC
		85972	Cl. 28. Mattel, Inc
		85974	Cl. 1. PLIVA - Lachema a.s.
		87340	Cl. 30. CAFFREY'S LTD.
		88683	Cl. 5. AstraZeneca AB

89803	Cl. 5. COLGATE-PALMOLIVE COMPANY	131243	Cl. 29. MAITRE PRUNILLE SA
92841	Cl. 21. Duralex International	131261	Cl. 32. WESTERN WINES HOLDINGS LIMITED
92848	Cl. 5. Pfizer Ireland Pharmaceuticals	132200	Cl. 3. Colgate-Palmolive Company
93645	Cl. 3. UNILEVER PLC	132201	Cl. 5. Colgate-Palmolive Company
93994	Cl. 16, 24. Essity Hygiene and Health Aktiebolag	132593	Cl. 1. Coatings Foreign IP Co. LLC
94973	Cl. 4. FLOGAS IRELAND LIMITED	132594	Cl. 2. Coatings Foreign IP Co. LLC
95150	Cl. 1. DSM IP Assets B.V.	132595	Cl. 1. Coatings Foreign IP Co. LLC
98727	Cl. 16, 19. Bostik Limited	132596	Cl. 2. Coatings Foreign IP Co. LLC
99711	Cl. 5. WYETH HOLDINGS CORPORATION	133014	Cl. 16. PRINCIPAL FINANCIAL SERVICES, INC.
101211	Cl. 3. L'OREAL	133256	Cl. 34. BATMARK LIMITED
101710	Cl. 25. Waalfin Holding S.A.	147825	Cl. 31. MARS FOODS IRELAND LIMITED
106677	Cl. 3. L'OREAL	147972	Cl. 25. Swimwear Couture Limited
126562	Cl. 30. Intercontinental Great Brands LLC	148027	Cl. 17. THE DOW CHEMICAL COMPANY
126567	Cl. 34. AGIO SIGARENFABRIEKEN N.V.	148081	Cl. 2. BASF COATINGS AG
126709	Cl. 25. C & J CLARK LIMITED	148843	Cl. 29. Orkla ASA
126710	Cl. 25. TRIUMPH INTERNATIONAL AG	148992	Cl. 5. ALKERMES PHARMA IRELAND LIMITED
126857	Cl. 31. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	149123	Cl. 20, 24. REFFOND LIMITED
126858	Cl. 31. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	149125	Cl. 29. MARS FOODS IRELAND LIMITED
126861	Cl. 5. Alticor Inc	149192	Cl. 34. Philip Morris Products S.A.
127006	Cl. 32. Britvic Ireland Limited	149279	Cl. 33. KWV INTELLECTUAL PROPERTIES (PTY) LIMITED
127008	Cl. 5. Astellas Pharma GmbH	149297	Cl. 25. GROUPE SALMON ARC EN CIEL
127010	Cl. 9. Industries Sportswear Company S.r.l.	149298	Cl. 32. MAHOU, S.A.
127286	Cl. 2. E.I. DU PONT DE NEMOURS AND COMPANY	149363	Cl. 25. HOUSE OF IRELAND LIMITED
127288	Cl. 25. HORSEWARE PRODUCTS LTD.	149635	Cl. 1, 29, 30. Kerry Luxembourg S.à.r.l.
127290	Cl. 1. Degussa Texturant Systems Deutschland GmbH & Co. KG.	149665	Cl. 5. Bristol-Myers Squibb Company
127442	Cl. 1. Coatings Foreign IP Co. LLC	149801	Cl. 34. Philip Morris Products S.A.
127445	Cl. 32. S&NF Limited	149825	Cl. 16. DOMESTICATIONS, LLC
127743	Cl. 2. Coatings Foreign IP Co. LLC	149834	Cl. 10. ALLERGAN, INC.
128372	Cl. 31. CAMPOSOL SOCIEDAD COOPERATIVA LIMITADA	149852	Cl. 3. L'OREAL
128708	Cl. 12. RENAULT s.a.s.	150036	Cl. 10. Pfizer (Perth) Pty Ltd.
128709	Cl. 12. RENAULT s.a.s.	150037	Cl. 16. Pfizer (Perth) Pty Ltd.
128837	Cl. 2. AKZO NOBEL COATINGS INTERNATIONAL B.V.	150183	Cl. 7. MONO PUMPS LIMITED
129270	Cl. 2. Coatings Foreign IP Co. LLC	150494	Cl. 16. Berol Corporation
129364	Cl. 9, 10, 21. Ansell Limited	150757	Cl. 30. Associated British Foods Plc
129636	Cl. 1. Henkel AG & Co. KGaA	151141	Cl. 6. DEEPAK FASTENERS (SHANNON) LIMITED
129751	Cl. 3. LANCOME PARFUMS ET BEAUTE & CIE	151421	Cl. 3. YVES SAINT LAURENT PARFUMS
130144	Cl. 29. Paul Predault	151832	Cl. 3. L'OREAL
130493	Cl. 30. Kerry Luxembourg S.à.r.l.	151833	Cl. 21. L'OREAL
130552	Cl. 5. LABORATOIRES EUROPHTA	151995	Cl. 24. DOMESTICATIONS, LLC
130598	Cl. 28. WILSON SPORTING GOODS CO.	152342	Cl. 25. SIOUX GmbH
		152786	Cl. 1. COGNIS FRANCE
		153034	Cl. 28. MARS FOODS IRELAND LIMITED
		153035	Cl. 28. MARS FOODS IRELAND LIMITED

153769	Cl. 6. Gunnebo AB	222185	Cl. 5. Dow AgroSciences LLC
153770	Cl. 34. Philip Morris Brands Sàrl	222877	Cl. 11. THIN-LITE CORPORATION
154657	Cl. 16. DUNAPACK Papír és Csomagolóanyag ZRt.	233661	Cl. 9, 11. SPX FLOW, Inc.
154926	Cl. 25. HBI Branded Apparel Enterprises, LLC	241623	Cl. 41. VALERIE PATRICIA FLEURY
154927	Cl. 25. HBI Branded Apparel Enterprises, LLC	241626	Cl. 35. BLUE ZONE MEDIA LTD.
156686	Cl. 9, 16. EMD INTERNATIONALE HANDELSGESELLSCHAFT mbH	241627	Cl. 34. GALLAHER LIMITED
160466	Cl. 30. UNILEVER PLC	241629	Cl. 16, 25, 28, 41. THE NATIONAL SPORTS CAMPUS DEVELOPMENT AUTHORITY
213173	Cl. 32. ALDI STORES (IRELAND) LIMITED	241630	Cl. 34. GALLAHER LIMITED
213631	Cl. 3. L'OREAL	241637	Cl. 29, 44. NATIONAL UNIVERSITY OF IRELAND, GALWAY
213688	Cl. 20. ONIRIS	241642	Cl. 42. ADEPTIO LTD Trading as LET'S OPERATE
213695	Cl. 5, 29, 30. ALLIANCE PHARMACEUTICALS LIMITED	241648	Cl. 11. OLIVER KELLEHER CASTLEBAR LIMITED
213782	Cl. 4. CASTROL LIMITED	241661	Cl. 4. STAFFORD FUELS LIMITED
213832	Cl. 7, 37. Inventio AG	241663	Cl. 35, 42. CARLO PILIA
213849	Cl. 9. KABUSHIKI KAISHA SONY COMPUTER ENTERTAINMENT SONY COMPUTER ENTERTAINMENT INC.	241674	Cl. 9. ASE DEVELOPMENTS
213908	Cl. 5. Pfizer Health AB	241679	Cl. 41. ALEC BARRETT
213977	Cl. 9. NEXANS	241681	Cl. 29, 31, 43. THE GLEN OF AHERLOW FOODS LIMITED
213979	Cl. 42. COSI, INC.	241686	Cl. 27. KEVIN MORIARTY
214047	Cl. 25. KABUSHIKI KAISHA EDWIN (also trading as EDWIN CO., LTD.)	241687	Cl. 29. ALDI STORES (IRELAND) LIMITED
214048	Cl. 25. KABUSHIKI KAISHA EDWIN (also trading as EDWIN CO., LTD.)	241689	Cl. 29. Tulip Limited
214092	Cl. 5. Yamanouchi Pharmaceutical Co., Ltd.	241693	Cl. 3. UNILEVER PLC
214147	Cl. 34. Imperial Tobacco Limited	241694	Cl. 29. ALDI STORES (IRELAND) LIMITED
214206	Cl. 5. Pharmachemie B.V.	241696	Cl. 29. ALDI STORES (IRELAND) LIMITED
214233	Cl. 3. BEIERSDORF AG	241699	Cl. 2. AKZO NOBEL COATINGS INTERNATIONAL B.V
214259	Cl. 5, 29, 30. ALLIANCE PHARMACEUTICALS LIMITED	241700	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
214406	Cl. 34. Imperial Tobacco Limited	241701	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
214504	Cl. 18, 25. PETER BLACK FOOTWEAR AND ACCESSORIES LIMITED	241702	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
214752	Cl. 3. L'OREAL	241703	Cl. 18, 25. LEO MANSFIELD & SUSAN MANSFIELD
214909	Cl. 1, 2, 3. Henkel AG & Co. KGaA	241704	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
215247	Cl. 7. Rainbow Wash Systems Limited	241709	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
215556	Cl. 4. Atlas Oil Laboratories Limited T/A Atlas Waste Oil	241713	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
215878	Cl. 42. Inbilo, S.L.	241714	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
216081	Cl. 5. BASF SE	241715	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
216141	Cl. 37, 38, 42. BGC Partners, Inc	241716	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
216636	Cl. 36. ALD	241721	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY
216913	Cl. 39. The City Bin Co.		
218436	Cl. 16. THE PAPER COMPANY LIMITED		
220499	Cl. 9, 36, 38. Alliance Bank Limited		
220991	Cl. 5. NOVARTIS AG		
222064	Cl. 5. Bayer CropScience LP		

241722	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY	241935	Cl. 16. JOHN MCKENNA
241723	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY	241942	Cl. 5. NUTRIBIO LTD
241725	Cl. 5. BRISTOL-MYERS SQUIBB COMPANY	241943	Cl. 5. NUTRIBIO LTD
241728	Cl. 41. D'ARCEY ANNE JACKSON	241947	Cl. 42. PETER O'BRIEN
241730	Cl. 35. NASIRLI KARDESLER TEKSTIL SANAYIVETICARET ANONIMSIRKETI	241948	Cl. 44. KATARINA TOTH
241732	Cl. 35. NASIRLILAR TEKSTIL SAN TIC A.S.	241956	Cl. 9, 35, 36, 38, 41, 42. GERARD RYAN
241736	Cl. 41, 43, 44. DOG TRAINING IRELAND LTD	242004	Cl. 43. CIARA JOYCE
241740	Cl. 41. PATRICIA LAND	242005	Cl. 43. CIARA JOYCE
241744	Cl. 5. MSD INTERNATIONAL GMBH	242050	Cl. 31. HOMEOPATHIC VETERINARY SUPPLIES LIMITED T/A HVS ANIMAL HEALTH
241757	Cl. 30. PATRICK O'CONNELL	242100	Cl. 6, 9, 14, 16, 18, 20, 21, 25, 28, 29, 30, 32, 33, 35, 41. OTGO PROMOTIONS LIMITED
241762	Cl. 35. O'MALLEY QUIRKE LIMITED	242221	Cl. 5, 44. UNILEVER N.V.
241781	Cl. 32, 33. NOREAST BEERS LIMITED	242258	Cl. 37.42. FREUND CORPORATION
241784	Cl. 2. AKZO NOBEL COATINGS INTERNATIONAL B.V	242268	Cl. 19, 37, 45. HEADSTONES AND MEMORIALS LIMITED T/A HEADSTONES IRELAND
241789	Cl. 29, 30. MICHAEL KYLE	242364	Cl. 19, 37, 45. HEADSTONES AND MEMORIALS LIMITED T/A HEADSTONES IRELAND
241790	Cl. 29, 30. MICHAEL KYLE	242384	Cl. 21. BERNADETTE RYAN
241804	Cl. 35, 38, 41. TIM W. E. IRELAND LIMITED	242386	Cl. 16, 35. LEO MANSFIELD & SUSAN MANSFIELD
241805	Cl. 37. SKUNKWORKS LIMITED	242407	Cl. 16, 42. TANYA RYAN
241819	Cl. 43. KINGSLAND CHINESE RESTAURANT LIMITED (IN LIQUIDATION)	242428	Cl. 9, 35, 38, 41, 42. O2 Worldwide Limited
241823	Cl. 35, 45. JOHN GLEESON	242595	Cl. 16, 25, 28, 41. THE NATIONAL SPORTS CAMPUS DEVELOPMENT AUTHORITY
241824	Cl. 16, 41. DR. ANDREAS HEINECKE	242596	Cl. 16, 25, 28, 41. THE NATIONAL SPORTS CAMPUS DEVELOPMENT AUTHORITY
241839	Cl. 9, 16, 28, 35, 38, 41, 42. FOX MOBILE DISTRIBUTION GMBH	242767	Cl. 42. JOHN GLEESON, RADUIS TECHNOLOGIES LTD.
241893	Cl. 41. FLÚIRSE LTD (KRISTIAN O'DONOVAN)	243512	Cl. 41, 44. SYNGENTA PARTICIPATIONS AG
241901	Cl. 35. WINEFLAIR (BELFAST) LIMITED	248184	Cl. 9, 16. JAMIE OLIVER ENTERPRISES LIMITED
241902	Cl. 29. Boyne Valley		
241913	Cl. 33. EUNAN RYAN		
241929	Cl. 41. ROB ELLISON		
241930	Cl. 41. JASON HEFFERNAN		
241933	Cl. 16. JOHN MCKENNA		

International Registrations under the Madrid Protocol seeking protection in the State.

Any person desiring to oppose the conferring of protection in the State to the undermentioned marks may, within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the holder affording him an opportunity to withdraw his application for protection of the International Registration in the State. In this way cost of opposition proceedings may be avoided.



1453761 15/11/2018

Class 41. Education, entertainment and sport services; training services relating to fitness; provision of educational services relating to fitness; keep-fit instruction; sporting services; sporting activities; sports and fitness services.

Priority Date Claimed: 21 September 2018 Hungary

Ács Ferenc, Rigó utca 38, H-2360 Gyál, Hungary

Representative: Klaudia, BENCSIK, Maros utca 28. 1. em. 4., H-1122 Budapest, Hungary



1454744 18/10/2018

Class 36. Providing vehicle insurance rate quotes; automobile lease financing; automobile financing; loans [financing]; financing services; accounts receivable financing; travel insurance services; insurance underwriting services for all types of insurance; insurance underwriting; financial and insurance consultancy; insurance consultancy; insurance premium financing; insurance brokerage; insurance and financial services; warranty insurance services; transport insurance brokerage; insurance claims adjustment; insurance and

financial information and consultancy services; accident insurance underwriting; settlement of insurance claims; claims adjustment for non-life insurance; life insurance brokerage and providing information relating thereto; brokerage of life insurance.

Priority Date Claimed: 03 October 2018 Italy

LEASYS S.p.A., Corso Giovanni Agnelli, 200, I-10135 TORINO, Italy

Colour Claimed: Blue, white and red.

Representative: COSANI Lucia c/o Barzanò & Zanardo Milano S.p.A., Corso Vittorio Emanuele II, 61, I-10128 TORINO, Italy



1455682 04/01/2019

Class 32. Beers; Water; carbonated waters; non-alcoholic beverages; fruit-based beverages; fruit juices; preparations for making beverages.

ARWEM FOOD GROUP S.A., Route de Ghaster 50, B-4950 Ovifat (Waimes), Belgium

Representative: ARWEM FOOD GROUP S.A., Route de Ghaster 50, Ovifat (Waimes), B-4950, Belgium

BUTCHER'S TABLE

1456747 01/02/2019

Class 30. Coffee, tea, cocoa and artificial coffee; rice; tapioca and sago; flour and preparations made from cereals, bread, pastry and confectionery; edible ices; sugar, honey, golden syrup; yeast, baking powder; salt; mustard; vinegar, sauces (condiments); spices; ice for refreshment.

Class 35. Advertising; commercial business management; commercial administration; office functions; retail sale services.

Seven Fires AG, Neumünsterstrasse 34, CH-8008 Zürich, Switzerland

Representative: Kanzlei Caro Adriel Caro, Scheideggstrasse 73, CH-8038 Zürich, Switzerland

MXWTP

1457302 24/01/2019

Class 35. Import and Export Agency; Electronic display of goods and services for television and home shopping; Providing advertising space for goods and services on the website; Provision of business information services via the Internet; Provision of business information through the website; Online advertising on computer networks; Presentation of goods in the communications media for retail purposes; Commercial

management of franchises;
Selling for others.

YUEQING MUXUAN IMPORT AND EXPORT
CO., LTD., HOUHENG VILLAGE, LIUSHI TOWN,
YUEQING CITY, ZHEJIANG PROVINCE, China

Representative: GUANGZHOU
ZHONGCHUANG UNITED
INTELLECTUAL PROPERTY
AGENCY CO., LTD., ROOM
3012, ONE OF NO. 222,
XINGMIN ROAD, TIANHE
DISTRICT, GUANGZHOU,
GUANGDONG, China



1457586 11/07/2018

Class 35. Providing marketing and promotion of networking events and business events; special event planning for business purposes; promoting public awareness of startup businesses and entrepreneurs; business development services, namely, providing startup support for businesses of others; business consulting services, namely, providing assistance in development of business strategies, product or service ideation, business to business matching, business and entrepreneurship community engagement and innovation ecosystem design; business assistance with acquisition and the development of business

strategies; and consultancy and advisory services in the field of business strategy; organizing events in the fields of business, business growth, business management business development and business startups, and entrepreneurship for business networking purposes.

Class 41. Education services, namely, providing seminars, workshops, panel discussions, round tables, information tables and mentoring in the fields of business growth, business management, business strategy, business operations, business development, business startups, launching a new business, entrepreneurship, community engagement, and leadership; providing coaching and training in the fields of leadership, entrepreneurship, and business management; entertainment services, namely, arranging, organizing, and conducting social gatherings for the purpose of networking and community building; organizing and hosting of events for cultural purposes; organizing events in the fields of business, business growth, business management, business development and business startups, and entrepreneurship for cultural, social networking or educational purposes; electronic publication of blogs, brochures, newsletters, podcasts, and videos on a variety of business related topics.

Class 42. Providing online non-downloadable software application for tracking, monitoring and analyzing visitor attendance at events, conferences, seminars and workshops.

Class 43. Providing food and drink; providing community centers for social gatherings and meetings; providing conference, exhibition and meeting facilities, rental of social function facilities for business and social events.

CIC VENTURE CAFÉ GLOBAL INSTITUTE, INC., 14th Floor, 1 Broadway, Cambridge MA 02142, United States of America

Representative: Karen Johnson Greensfelder, Hemker & Gale, P.C., 10 South Broadway, Suite 2000, St. Louis MO 63102, United States of America

applications for use in software asset management in the field of data usage, monitoring, reporting, optimization and security on mobile computing devices; computer software for use in software asset management in the field of workflow, monitoring, reporting, installation and optimization; cloud servers.

Class 36. Management of financial assets.

Snow Software AB, P.O. BOX 1033, SE-171 21 SOLNA, Sweden

Representative: Brian A. Hall Traverse Legal PLC, 810 Cottageview Drive, Suite G-20, Traverse City MI 49684, United States of America

SNOW

1462533 08/03/2019

Class 9. Computer software for use in software asset management in the field of entitlement and fulfillment of electronic licenses for software, firmware, data, and related updates, for compliance monitoring and enforcement; computer software for use in software asset management for electronic delivery of software, firmware, data, and related updates in the field of enterprise software; computer software for use in software asset management for license usage monitoring, reporting, and optimization in the field of enterprise software; computer software for use in software asset management in the field installation packaging and repackaging of software, firmware, data, and related updates; computer software and mobile

Таламартовна



1463654 21/11/2018

Class 3. Abrasive cloth; abrasive paper; abrasives; adhesives for affixing false eyelashes; adhesives for affixing false hair; adhesives for cosmetic purposes; after-shave lotions; air fragrancing preparations; almond milk for cosmetic purposes; almond oil; almond

soap; aloe vera preparations for cosmetic purposes; alum stones [astringents]; amber [perfume]; ammonia [volatile alkali] [detergent]; antiperspirant soap; antiperspirants [toiletries]; antistatic preparations for household purposes; aromatics [essential oils]; astringents for cosmetic purposes; badian essence; balms, other than for medical purposes; bases for flower perfumes; bath preparations, not for medical purposes; bath salts, not for medical purposes; beard dyes; beauty masks; bergamot oil; bleaching preparations [decolorants] for cosmetic purposes; bleaching salts; bleaching soda; breath freshening sprays; breath freshening strips; cake flavorings [essential oils]; cakes of soap; cakes of toilet soap; canned pressurized air for cleaning and dusting purposes; carbides of metal [abrasives]; cleaning chalk; cleaning preparations; cleansing milk for toilet purposes; cloths impregnated with a detergent for cleaning; cobblers' wax; colorants for toilet purposes; color-brightening chemicals for household purposes [laundry]; color-removing preparations; corundum [abrasive]; cosmetic creams; cosmetic dyes; cosmetic kits; cosmetic pencils; cosmetic preparations for baths; cosmetic preparations for eyelashes; cosmetic preparations for skin care; cosmetic preparations for slimming purposes; cosmetics; cosmetics for animals; cosmetics for children; cotton sticks for cosmetic purposes; cotton swabs for cosmetic purposes; cotton wool for cosmetic purposes; cream for whitening

the skin; creams for leather; decorative transfers for cosmetic purposes; degreasing preparations; degreasers, other than for use in manufacturing processes; dental bleaching gels; dentifrices; denture polishes; deodorant soap; deodorants for human beings or for animals; deodorants for pets; depilatories; depilatory preparations; depilatory wax; descaling preparations for household purposes; detergents, other than for use in manufacturing operations and for medical purposes; diamantine [abrasive]; douching preparations for personal sanitary or deodorant purposes [toiletries]; dry shampoos; dry-cleaning preparations; drying agents for dishwashing machines; eau de Cologne; emery; emery cloth; emery paper; essential oils; essential oils of cedarwood; essential oils of citron; essential oils of lemon; ethereal essences; ethereal oils; extracts of flowers [perfumes]; eyebrow cosmetics; eyebrow pencils; fabric softeners for laundry use; false eyelashes; false nails; flavorings for beverages [essential oils]; floor wax; floor wax removers [scouring preparations]; fumigation preparations [perfumes]; furbishing preparations; gaultheria oil; geraniol; glass cloth [abrasive cloth]; glass paper; greases for cosmetic purposes; grinding preparations; hair colorants; hair conditioners; hair dyes; hair lotions; hair spray; hair straightening preparations; hair waving preparations; heliotropine; henna [cosmetic dye]; herbal extracts for cosmetic purposes; hydrogen peroxide for cosmetic purposes; incense; ionone [perfumery]; jasmine oil;

Javelle water; jewellers' rouge; joss sticks; lacquer-removing preparations; laundry bleach; laundry bleaching preparations; laundry blueing; laundry glaze; laundry preparations; laundry soaking preparations; laundry starch; laundry wax; lavender oil; lavender water; leather bleaching preparations; lip glosses; lipstick cases; lipsticks; lotions for cosmetic purposes; make-up; make-up powder; make-up preparations; make-up removing preparations; mascara; massage candles for cosmetic purposes; massage gels, other than for medical purposes; mint essence [essential oil]; mint for perfumery; moustache wax; mouthwashes, not for medical purposes; musk [perfumery]; nail art stickers; nail care preparations; nail polish; nail varnish; neutralizers for permanent waving; non-slipping liquids for floors; non-slipping wax for floors; oil of turpentine for degreasing; oils for cleaning purposes; oils for cosmetic purposes; oils for perfumes and scents; oils for toilet purposes; paint stripping preparations; pastes for razor strops; perfumery; perfumes; petroleum jelly for cosmetic purposes; polish for furniture and flooring; polishing creams; polishing paper; polishing preparations; polishing rouge; polishing stones; polishing wax; pomades for cosmetic purposes; potassium hypochloride; potpourris [fragrances]; preparations for abrasive treating; preparations for cleaning dentures; preparations for unblocking drain pipes; preparations to make the leaves of plants shiny; preservatives for

leather [polishes]; pumice stone; quillaia bark for washing; rose oil; rust removing preparations; sachets for perfuming linen; safrol; sandcloth; sandpaper; scented water; scented wood; scouring solutions; shampoos; shampoos for animals [non-medicated grooming preparations]; sharpening preparations; shaving preparations; shaving soap; shaving stones [astringents]; shining preparations [polish]; shoe cream; shoe polish; shoe wax; shoemakers' wax; silicon carbide [abrasive]; smoothing preparations [starching]; smoothing stones; soap; soap for brightening textile; soap for foot perspiration; soda lye; stain removers; starch for laundry purposes; starch glaze for laundry purposes; sunscreen preparations; sun-tanning preparations [cosmetics]; tailors' wax; talcum powder, for toilet use; teeth whitening strips; terpenes [essential oils]; tissues impregnated with cosmetic lotions; tissues impregnated with make-up removing preparations; toilet water; toiletries; tripoli stone for polishing; turpentine for degreasing; varnish-removing preparations; volcanic ash for cleaning; wallpaper cleaning preparations; washing soda, for cleaning; waving preparations for the hair; waxes for leather; whitening; windscreen cleaning liquids; windshield cleaning liquids.

Class 4. Anthracite; beeswax; belting wax; benzene; bone oil for industrial purposes; candles; carburants; carnauba wax; castor oil for industrial purposes; ceresine; charcoal [fuel]; Christmas tree candles; coal; coal briquettes; coal dust [fuel]; coal naphtha; coal tar oil; coke; colza oil for

industrial purposes; combustible briquettes; combustible oil; cutting fluids; diesel oil; dust absorbing compositions; dust binding compositions for sweeping; dust laying compositions; dust removing preparations; electrical energy; ethanol [fuel]; firelighters; firewood; fish oil, not edible; fuel; fuel gas; fuel oil; fuel with an alcohol base; gas for lighting; gas oil; gasoline; grease for arms [weapons]; grease for belts; grease for footwear; grease for leather; illuminating grease; illuminating wax; industrial grease; industrial oil; industrial wax; kerosene; lamp wicks; lanolin; lighting fuel; lignite; ligroin; lubricating graphite; lubricating grease; lubricating oil; mazut; methylated spirit; mineral fuel; moistening oil; motor fuel; motor oil; naphtha; nightlights [candles]; non-slipping preparations for belts; oil-gas; oils for paints; oils for releasing form work [building]; oils for the preservation of leather; oils for the preservation of masonry; oleine; ozokerite; paper spills for lighting; paraffin; peat [fuel]; peat briquettes [fuel]; perfumed candles; petrol; petroleum ether; petroleum jelly for industrial purposes; petroleum, raw or refined; preservatives for leather [oils and greases]; producer gas; rape oil for industrial purposes; solidified gases [fuel]; soya bean oil preparations for non-stick treatment of cooking utensils; stearine; sunflower oil for industrial purposes; tallow; tapers; textile oil; tinder; vaporized fuel mixtures; wax [raw material]; wax for skis; wicks for candles; wood

Class 6.

briquettes; wood spills for lighting; wool grease. Aluminium; aluminium foil; aluminium wire; anchor plates; anchors; angle irons of metal; anti-friction metal; anvils; anvils [portable]; arbours [structures] of metal; armored doors of metal; armor-plating of metal; aviaries [structures] of metal; badges of metal for vehicles; bag hangers of metal; balls of steel; bands of metal for tying-up purposes; barbed wire; barrel hoops of metal; barrels of metal; bars for metal railings; baskets of metal; bathtub grab bars of metal; beacons of metal, non-luminous; beak-irons; bed casters of metal; bells; bells for animals; belt stretchers of metal; belts of metal for handling loads; beryllium [glucinium]; bick-irons; bicycle parking installations of metal; binding screws of metal for cables; binding thread of metal for agricultural purposes; bindings of metal; bins of metal; bird baths [structures] of metal; blooms [metallurgy]; bolts of metal; bolts, flat; booths of metal for spraying paint; bottle caps of metal; bottle closures of metal; bottle fasteners of metal; bottles [metal containers] for compressed gas or liquid air; box fasteners of metal; boxes of common metal; braces of metal for handling loads; braces of metal for load handling; brackets of metal for building; brackets of metal for furniture; brads; branching pipes of metal; brass, unwrought or semi-wrought; brazing alloys; bronze; bronzes [works of art]; bronzes for tombstones; buckles of common metal [hardware]; building materials

of metal; building or furniture fittings of nickel-silver; building panels of metal; buildings of metal; buildings, transportable, of metal; bungs of metal; burial vaults of metal; busts of common metal; cabanas of metal; cable joints of metal, non-electric; cable linkages of metal, non-electric; cables of metal, non-electric; cadmium; casement windows of metal; cashboxes of metal; casings of metal for oilwells; cask stands of metal; casks of metal; cast iron, unwrought or semi-wrought; cast steel; cattle chains; ceilings of metal; cermets; chains of metal; check rails of metal for railways; chests of metal; chicken-houses of metal; chill-molds [foundry]; chimney cowls of metal; chimney pots of metal; chimney shafts of metal; chimneys of metal; chrome iron; chrome ores; chromium; clips of metal for cables and pipes; closures of metal for containers; clothes hooks of metal; cobalt, raw; collars of metal for fastening pipes; common metals, unwrought or semi-wrought; containers of metal [storage, transport]; containers of metal for compressed gas or liquid air; containers of metal for liquid fuel; containers of metal for storing acids; copper rings; copper wire, not insulated; copper, unwrought or semi-wrought; cornices of metal; cotter pins of metal; couplings of metal for chains; crampons [climbing irons]; crampons of metal [cramps]; cramps of metal [crampons]; crash barriers of metal for roads; diving boards of metal; door bells of metal, non-electric; door bolts of metal; door casings of metal; door closers, non-electric; door fasteners of metal; door fittings of metal;

door frames of metal; door handles of metal; door knockers of metal; door openers, non-electric; door panels of metal; door scrapers; door springs, non-electric; door stops of metal; doors of metal; drain pipes of metal; drain traps [valves] of metal; duckboards of metal; ducts and pipes of metal for central heating installations; ducts of metal for ventilating and air-conditioning installations; ducts of metal, for central heating installations; elbows of metal for pipes; enclosures of metal for tombs; eye bolts; faucets of metal for casks; fences of metal; ferrotitanium; ferrules of metal; ferrules of metal for handles; ferrules of metal for walking sticks; figurines [statuettes] of common metal; filings of metal; firedogs [andirons]; fireplace mantles of metal; fish plates [rails]; fittings of metal for beds; fittings of metal for building; fittings of metal for coffins; fittings of metal for compressed air lines; fittings of metal for furniture; fittings of metal for windows; flanges of metal [collars]; flashing of metal for building; floating containers of metal; floating docks of metal, for mooring boats; floor tiles of metal; floors of metal; foils of metal for wrapping and packaging; foot scrapers; foundry molds of metal; frames of metal for building; framework of metal for building; furnace fireguards of metal; furniture casters of metal; galena [ore]; gates of metal; German silver; germanium; goods of common metal; gold solder; gratings of metal; grave slabs of metal; grease nipples; greenhouse frames of metal; greenhouses of metal, transportable; grilles of metal;

guard rails of metal for railways; gutter pipes of metal; hafnium [celtium]; handcuffs; handling pallets of metal; hardware of metal, small; harness of metal for handling loads; harness of metal for load handling; hinges of metal; hooks [metal hardware]; hooks of metal for clothes rails; hooks of metal for roofing slates; hoop iron; hoop steel; hoppers of metal, non-mechanical; horseshoe nails; house numbers of metal, non-luminous; ice moulds of metal; identification bracelets of metal; identity plates of metal; indium; ingots of common metal; insect screens of metal; iron ores; iron slabs; iron strip; iron wire; iron, unwrought or semi-wrought; ironmongery; ironwork for doors; ironwork for windows; jalousies of metal; jets of metal; joists of metal; junctions of metal for pipes; keys of metal; knobs of metal; ladders of metal; latch bars of metal; latches of metal; laths of metal; latticework of metal; lead seals; lead, unwrought or semi-wrought; letter boxes of metal; letters and numerals of common metal, except type; limonite; linings of metal for building; lintels of metal; loading gauge rods of metal for railway wagons; loading pallets of metal; lock bolts; locks of metal for bags; locks of metal for vehicles; locks of metal, other than electric; machine belt fasteners of metal; magnesium; manganese; manhole covers of metal; manifolds of metal for pipelines; masts of metal; materials of metal for funicular railway permanent ways; memorial plaques of metal; memorial plates of metal; metal cages for wild animals; metals in powder form; mobile boarding stairs

of metal for passengers; moldings of metal for cornices; molybdenum; molybdenum iron; monuments of bronze for tombs; monuments of metal; monuments of metal for tombs; mooring bollards of metal; mooring buoys of metal; nails; nameplates of metal; nickel; nickel silver; niobium; nozzles of metal; numberplates of metal; nuts of metal; ores of metal; outdoor blinds of metal; packaging containers of metal; padlocks; paint spraying booths of metal; palings of metal; partitions of metal; paving blocks of metal; paving slabs of metal; pegs of metal; penstock pipes of metal; pigsties of metal; pilings of metal; pillars of metal for building; pins [hardware]; pipe muffs of metal; pipes of metal; pipes of metal, for central heating installations; pipework of metal; pitons of metal; platforms, prefabricated, of metal; plugs of metal; poles of metal; poles of metal for power lines; porches [structures] of metal; posts of metal; posts of metal for power lines; pot hooks of metal; prefabricated houses [kits] of metal; preserve tins; preserving boxes of metal; props of metal; pulleys of metal, other than for machines; pyrophoric metals; railroad ties of metal; rails of metal; railway material of metal; railway points; railway sleepers of metal; railway switches; reels of metal, non-mechanical, for flexible hoses; refractory construction materials of metal; registration plates of metal; reinforcing materials of metal for building; reinforcing materials of metal for machine belts; reinforcing materials of metal for pipes; reinforcing

materials, of metal, for concrete; reservoirs of metal; rings of metal; rivets of metal; road signs, non-luminous and non-mechanical, of metal; rocket launching platforms of metal; rods of metal for brazing; rods of metal for brazing and welding; rods of metal for welding; roller blinds of steel; roof coverings of metal; roof flashing of metal; roof gutters of metal; roofing of metal; roofing of metal, incorporating photovoltaic cells; roofing tiles of metal; rope thimbles of metal; ropes of metal; runners of metal for sliding doors; safes [metal or non-metal]; safety cashboxes; safety chains of metal; sash fasteners of metal for windows; sash pulleys; scaffolding of metal; screw rings; screw tops of metal for bottles; screws of metal; sealing caps of metal; sheaf binders of metal; sheet piles of metal; sheets and plates of metal; shims; shoe dowels of metal; shuttering of metal for concrete; shutters of metal; signalling panels, non-luminous and non-mechanical, of metal; signboards of metal; signs, non-luminous and non-mechanical, of metal; silicon iron; sills of metal; silos of metal; silver solder; silver-plated tin alloys; skating rinks [structures] of metal; slabs of metal for building; sleeves [metal hardware]; slings of metal for handling loads; soldering wire of metal; split rings of common metal for keys; spring locks; springs [metal hardware]; spurs; stables of metal; stair treads [steps] of metal; staircases of metal; statues of common metal; statuettes of common metal; steel alloys; steel buildings; steel masts; steel

pipes; steel sheets; steel strip; steel tubes; steel wire; steel, unwrought or semi-wrought; step stools of metal; steps [ladders] of metal; stop collars of metal; stops of metal; strap-hinges of metal; straps of metal for handling loads; straps of metal for load handling; street gutters of metal; stretchers for iron bands [tension links]; stretchers for metal bands [tension links]; stringers [parts of staircases] of metal; strongboxes [metal or non-metal]; swimming pools [structures] of metal; tacks [nails]; tanks of metal; tantalum [metal]; taps of metal for casks; telegraph posts of metal; telephone booths of metal; telephone boxes of metal; telpher cables; tension links; tent pegs of metal; thread of metal for tying-up purposes; tie plates; tile floorings of metal; tiles of metal for building; tin; tin cans; tinfoil; tinplate; tinplate packings; titanium; titanium iron; tomb slabs of metal; tombac; tombs of metal; tombstone plaques of metal; tombstone stelae of metal; tool boxes of metal, empty; tool chests of metal, empty; towel dispensers, fixed, of metal; transport pallets of metal; traps for wild animals; trays of metal; tree protectors of metal; trellis of metal; troughs of metal for mixing mortar; tubing of metal; tubes of metal; tungsten; tungsten iron; turnstiles of metal; turntables [railways]; valves of metal, other than parts of machines; vanadium; vats of metal; vice claws of metal; wainscotting of metal; wall claddings of metal for building; wall linings of metal for building; wall plugs of metal; wall tiles of metal; washers of metal; water-pipe

<p>Class 7.</p>	<p>valves of metal; water-pipes of metal; weather- or wind-vanes of metal; weather vanes of metal; wheel clamps [boots]; white metal; wind vanes of metal; wind-driven bird-repelling devices made of metal; winding spools of metal, non-mechanical, for flexible hoses; window casement bolts; window closers, non-electric; window fasteners of metal; window frames of metal; window openers, non-electric; window pulleys; window stops of metal; windows of metal; wire cloth; wire gauze; wire of common metal; wire of common metal alloys, except fuse wire; wire rope; wire stretchers [tension links]; works of art of common metal; wrapping or binding bands of metal; zinc; zirconium.</p> <p>3D printers; automatic vending machines; acetylene cleaning apparatus; adhesive bands for pulleys; adhesive tape dispensers [machines]; aerating pumps for aquaria; aerocondensers; aeronautical engines; aeroplane engines; agitators; agricultural elevators; agricultural implements, other than hand-operated; agricultural machines; air brushes for applying colour; air condensers; air cushion devices for moving loads; air pumps [garage installations]; air suction machines; alternators; anti-friction bearings for machines; anti-friction pads for machines; anti-pollution devices for motors and engines; apparatus for aerating beverages; apparatus for aerating water; apparatus for drawing up beer under pressure; apparatus for dressing; apparatus for machining; aprons [parts of machines]; atomisers</p>	<p>[machines]; automatic grapnels for marine purposes; axles for machines; ball rings for bearings; ball-bearings; basket presses; bearing brackets for machines; bearings [parts of machines]; bearings for transmission shafts; beaters, electric; beating machines; beer pumps; bellows [parts of machines]; belt conveyors; belts for conveyors; belts for machines; belts for motors and engines; bending machines; beverage preparation machines, electromechanical; bicycle assembling machines; bicycle dynamos; binding apparatus for hay; bitumen making machines; blade holders [parts of machines]; blade sharpening [stropping] machines; blades [parts of machines]; blenders, electric, for household purposes; blowing machines; blowing machines for the compression, exhaustion and transport of gases; blowing machines for the compression, sucking and carrying of grain; blowing machines or fans for the compression, sucking and carrying of grain; bobbins for weaving looms; boiler tubes [parts of machines]; bookbinding apparatus and machines for industrial purposes; bottle capping machines; bottle filling machines; bottle sealing machines; bottle stoppering machines; bottle washing machines; boxes for matrices [printing]; braiding machines; brake linings, other than for vehicles; brake pads, other than for vehicles; brake segments, other than for vehicles; brake shoes, other than for vehicles; bread cutting machines; brewing machines; brushes [parts of machines]; brushes,</p>
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electrically operated [parts of machines]; bulldozers; butter machines; calenders; can openers, electric; capstans; carbon brushes [electricity]; carburetter feeders; carburetters; card clothing [parts of carding machines]; carding machines; carriage aprons; carriages for knitting machines; cartridges for filtering machines; catalytic converters; central vacuum cleaning installations; centrifugal machines; centrifugal mills; centrifugal pumps; centrifuges [machines]; chaff cutter blades; chaff cutters; chain saws; chisels for machines; chucks [parts of machines]; churns; cigarette machines for industrial purposes; cinder sifters [machines]; clack valves [parts of machines]; cleaning appliances utilizing steam; clippers [machines]; clutches, other than for land vehicles; coal-cutting machines; coffee grinders, other than hand-operated; coin-operated washing machines; colour-washing machines; compressed air engines; compressed air guns for the extrusion of mastics; compressed air machines; compressed air pumps; compressors [machines]; compressors for refrigerators; concrete mixers [machines]; condensing installations; connecting rods for machines, motors and engines; control cables for machines, engines or motors; control mechanisms for machines, engines or motors; converters for steelworks; conveyors [machines]; cord making machines; corn and grain husking machines; corn husking machines; couplings, other than for land vehicles; cowlings [parts of machines]; cranes [lifting and hoisting

apparatus]; crank shafts; crankcases for machines, motors and engines; cranks [parts of machines]; cream/milk separators; crushers for kitchen use, electric; cultivators [machines]; current generators; curtain drawing devices, electrically operated; cutters [machines]; cutting blow pipes, gas-operated; cutting machines; cylinder heads for engines; cylinders for machines; cylinders for motors and engines; dairy machines; darning machines; dashpot plungers [parts of machines]; de-aerators for feedwater; degreasers [machines]; derricks; die-cutting and tapping machines; die-stamping machines; diggers [machines]; dishwashers; disintegrators; distribution machines, automatic; ditchers [ploughs]; dividing machines; door closers, electric; door closers, hydraulic; door closers, pneumatic; door openers, electric; door openers, hydraulic; door openers, pneumatic; drain cocks; drainage machines; drill chucks [parts of machines]; drilling bits [parts of machines]; drilling heads [parts of machines]; drilling machines; drilling rigs, floating or non-floating; driving chains, other than for land vehicles; driving motors, other than for land vehicles; drums [parts of machines]; dust exhausting installations for cleaning purposes; dust removing installations for cleaning purposes; dyeing machines; dynamo belts; dynamo brushes; dynamos; earth moving machines; ejectors; electric arc cutting apparatus; electric arc welding apparatus; electric hammers; electric hand drills; electric

welding apparatus; electrical apparatus for sealing plastics [packaging]; electrodes for welding machines; electromechanical machines for chemical industry; electroplating machines; elevating apparatus; elevator belts; elevator chains [parts of machines]; elevator operating apparatus; elevators [lifts]; embossing machines; emergency power generators; engine mounts, other than for land vehicles; engines for air cushion vehicles; engines for boats; engines, other than for land vehicles; engraving machines; escalators; excavators; exhaust manifold for engines; exhausts for motors and engines; expansion tanks [parts of machines]; extractors for mines; fan belts for motors and engines; fans for motors and engines; fans for the compression, sucking and carrying of grain; faucets [parts of machines, engines or motors]; feeders [parts of machines]; feeding apparatus for engine boilers; filling machines; filter presses; filtering machines; filters [parts of machines or engines]; filters for cleaning cooling air, for engines; finishing machines; fittings for engine boilers; fleshing machines; flour mill machines; flues for engine boilers; fodder presses; food preparation machines, electromechanical; food processors, electric; forge bellows; foundry machines; freewheels, other than for land vehicles; friezing machines; fuel conversion apparatus for internal combustion engines; fuel dispensing pumps for service stations; fuel economisers for motors and engines; galvanizing machines; garbage disposal

units; gas-operated blow torches; gear boxes, other than for land vehicles; gears for weaving looms; gears, other than for land vehicles; generators of electricity; glass-working machines; glaziers' diamonds [parts of machines]; glow plugs for Diesel engines; glue guns, electric; grain husking machines; grain separators; grating machines for vegetables; grease boxes [parts of machines]; grease rings [parts of machines]; grinding machines; grindstones [parts of machines]; guards [parts of machines]; guides for machines; guns [tools using explosives]; hair clipping machines for animals; hair cutting machines for animals; hammers [parts of machines]; hand-held tools, other than hand-operated; handling apparatus for loading and unloading; handling machines, automatic [manipulators]; hangers [parts of machines]; harrows; harvesting machines; haulage apparatus [mining]; heat exchangers [parts of machines]; hemming machines; high pressure washers; hoists; holding devices for machine tools; hoods [parts of machines]; hoppers [mechanical discharging]; hosiery looms; housings [parts of machines]; hydraulic controls for machines, motors and engines; hydraulic engines and motors; hydraulic turbines; igniting devices for internal combustion engines; igniting magnetos; incubators for eggs; industrial robots; injectors for engines; inking apparatus for printing machines; ironing machines; jacks [machines]; jet engines, other than for land vehicles;

joints [parts of engines]; journal boxes [parts of machines]; journals [parts of machines]; juice extractors, electric; kick starters for motorcycles; kitchen grinders, electric; kitchen machines, electric; kneading machines; knitting machines; knives [parts of machines]; knives for mowing machines; knives, electric; labellers [machines]; lace making machines; lasts for shoes [parts of machines]; lathes [machine tools]; lawnmowers [machines]; leather paring machines; leather-working machines; lift belts; lift operating apparatus; lifting apparatus; lifts, other than ski-lifts; loading ramps; loom shafts; looms; lubricating pumps; lubricators [parts of machines]; machine coupling and transmission components, except for land vehicles; machine fly-wheels; machine tools; machine wheels; machine wheelwork; machines; machines and apparatus for carpet shampooing, electric; machines and apparatus for cleaning, electric; machines and apparatus for polishing [electric]; machines and apparatus for wax-polishing, electric; machines for making pasta; machines for processing plastics; machines for the production of mineral water; machines for the production of sugar; machines for the textile industry; mangles; matrices for use in printing; meat choppers [machines]; meat mincers [machines]; mechanized livestock feeders; metal drawing machines; metalworking machines; milking machines; milling machines; mills [machines]; mills for household purposes, other than hand-operated; millstones; mine borers;

mineworking machines; mixers [machines]; mixing machines; molding machines; molds [parts of machines]; mortising machines; motorized cultivators; motors for boats; motors, electric, other than for land vehicles; motors, other than for land vehicles; moving sidewalks; moving staircases [escalators]; moving walkways; mowing and reaping machines; mud catchers and collectors [machines]; mufflers for motors and engines; net hauling machines [fishing]; notchers [machine tools]; nut-tapping machines; oil refining machines; ore treating machines; packaging machines; packing machines; painting machines; paper feeders [printing]; paper machines; papermaking machines; paring machines; parquet wax-polishers, electric; pedal drives for sewing machines; peeling machines; pepper mills, other than hand-operated; piston rings; piston segments; pistons [parts of machines or engines]; pistons for cylinders; pistons for engines; planing machines; ploughs; ploughshares; plunger pistons; pneumatic controls for machines, motors and engines; pneumatic hammers; pneumatic jacks; pneumatic transporters; pneumatic tube conveyors; potters' wheels; power hammers; presses [machines for industrial purposes]; pressure reducers [parts of machines]; pressure regulators [parts of machines]; pressure valves [parts of machines]; printing cylinders; printing machines; printing machines for use on sheet metal; printing plates; printing presses; printing rollers for machines; propulsion mechanisms, other than for

land vehicles; puddling machines; pulleys [parts of machines]; pulleys; pulverisers [machines]; pump diaphragms; pumps [machines]; pumps [parts of machines, engines or motors]; pumps for heating installations; punches for punching machines; punching machines; rack and pinion jacks; racket stringing machines; radiators [cooling] for motors and engines; rail-laying machines; railroad constructing machines; railway wagon lifts; rakes for raking machines; raking machines; rams [machines]; reapers; reapers and binders; reapers and threshers; reduction gears, other than for land vehicles; reeling apparatus, mechanical; reels [parts of machines]; reels for weaving looms; reels, mechanical, for flexible hoses; regulators [parts of machines]; rinsing machines; riveting machines; road building machines; road making machines; road rollers; road sweeping machines, self-propelled; roller bearings; roller bridges; rolling mill cylinders; rolling mills; rotary printing presses; rotary steam presses, portable, for fabrics; satinizing machines; sausage making machines; saw benches [parts of machines]; saw blades [parts of machines]; saws [machines]; scale collectors for machine boilers; scissors, electric; screwdrivers, electric; sealing joints [parts of engines]; sealing machines for industrial purposes; self-oiling bearings; self-regulating fuel pumps; separators; sewage pulverizers; sewing machines; shaft couplings [machines]; sharpening machines; sharpening wheels [parts of machines]; sheaf-binding

machines; shearing machines for animals; shears, electric; shock absorber plungers [parts of machines]; shoe lasts [parts of machines]; shoe polishers, electric; shovels, mechanical; shredders [machines] for industrial use; shuttles [parts of machines]; sieves [machines or parts of machines]; sifting installations; sifting machines; silencers for motors and engines; sizing machines; slide rests [parts of machines]; sliders for knitting machines; slides for knitting machines; smoothing presses; snow ploughs; soldering apparatus, electric; soldering apparatus, gas-operated; soldering blow pipes, gas-operated; soldering irons, electric; soldering irons, gas-operated; soldering lamps; sorting machines for industry; sowers [machines]; sparking plugs for internal combustion engines; speed governors for machines, engines and motors; spin driers [not heated]; spin dryers [not heated]; spinning frames; spinning machines; spinning wheels; spray guns for paint; spraying machines; springs [parts of machines]; stalk separators [machines]; stamping machines; stands for machines; starters for motors and engines; stators [parts of machines]; steam condensers [parts of machines]; steam engine boilers; steam engines; steam traps; steam/oil separators; steamrollers; stereotype machines; stitching machines; stone-working machines; straw [chaff] cutters; stropping machines; stuffing boxes [parts of machines]; suction cups for milking machines; suction machines for industrial purposes; superchargers; superheaters; swaging machines; tables for

machines; tambours for embroidery machines; taps [parts of machines, engines or motors]; tarring machines; teat cups for milking machines; tedding machines; thermic lances [machines]; threading machines; threshing machines; tilt hammers; tin openers, electric; tobacco processing machines; tools [parts of machines]; torque converters, other than for land vehicles; transmission chains, other than for land vehicles; transmission shafts, other than for land vehicles; transmissions for machines; transmissions, other than for land vehicles; trash compacting machines; trimming machines; trueing machines; trussing apparatus for hay; turbines, other than for land vehicles; turbocompressors; turf removing ploughs; tympan [parts of printing presses]; typecasting machines; type-setting machines [photocomposition]; type-setting machines [printing]; typographic machines; typographic presses; universal joints [Cardan joints]; vacuum cleaner attachments for disseminating perfumes and disinfectants; vacuum cleaner bags; vacuum cleaner hoses; vacuum cleaners; vacuum pumps [machines]; valves [parts of machines]; vehicle washing installations; vending machines; vibrators [machines] for industrial use; vulcanization apparatus; washing apparatus; washing installations for vehicles; washing machines [laundry]; waste compacting machines; waste disposal units; water heaters [parts of machines]; water separators; weeding machines; welding apparatus, gas-operated; welding machines, electric; whisks,

electric, for household purposes; whitewashing machines; winches; wind turbines; window closers, electric; window closers, hydraulic; window closers, pneumatic; window openers, electric; window openers, hydraulic; window openers, pneumatic; wine presses; winnowers; woodworking machines; wrapping machines; wringing machines for laundry; fuel economizers.

Class 8. Abrading instruments [hand instruments]; adzes [tools]; agricultural forks [hand tools]; agricultural implements, hand-operated; air pumps, hand-operated; annular screw plates; apparatus for destroying plant parasites, hand-operated; apparatus for tattooing; augers [hand tools]; awls; axes; bayonets; beard clippers; bench vices [hand implements]; bill-hooks; bits [hand tools]; bits [parts of hand tools]; blade sharpening instruments; blades [hand tools]; blades [weapons]; blades for planes; bludgeons; border shears; borers; bow saws; braiders [hand tools]; branding irons; breast drills; budding knives; bushhammers; can openers, non-electric; carpenters' augers; cattle marking tools; cattle shearers; caulking irons; centre punches [hand tools]; ceramic knives; cheese slicers, non-electric; chisels; choppers [knives]; clamps for carpenters or coopers; cleavers; crimping irons; crow bars; curling tongs; cuticle nippers; cuticle tweezers; cutlery; cutter bars [hand tools]; cutters; cutting tools [hand tools]; daggers; depilation appliances, electric and non-electric; dies [hand tools]; diggers [hand tools]; ditchers [hand tools]; draw wires [hand tools]; drawing

knives; drill holders [hand tools]; ear-piercing apparatus; earth rammers [hand tools]; edge tools [hand tools]; egg slicers, non-electric; embossers [hand tools]; emery files; emery grinding wheels; engraving needles; expanders [hand tools]; extension pieces for braces for screw taps; eyelash curlers; farriers' knives; files [tools]; fingernail polishers, electric or non-electric; fire irons; fireplace bellows [hand tools]; fish tapes [hand tools]; flat irons; fleshing knives [hand tools]; foundry ladles [hand tools]; frames for handsaws; fruit pickers [hand tools]; fullers [hand tools]; fulling tools [hand tools]; garden tools, hand-operated; gimlets [hand tools]; glaziers' diamonds [parts of hand tools]; glazing irons; goffering irons; gouges [hand tools]; grafting tools [hand tools]; graving tools [hand tools]; grindstones [hand tools]; guns [hand tools]; guns, hand-operated, for the extrusion of mastics; hackles [hand tools]; hainault scythes; hair clippers for animals [hand instruments]; hair clippers for personal use, electric and non-electric; hair-removing tweezers; hammers [hand tools]; hand drills, hand-operated; hand implements for hair curling; hand pumps; hand-operated implements; hand tools, hand-operated; handles for hand-operated hand tools; harpoons; harpoons for fishing; hatchets; hobby knives [scalpels]; hoes [hand tools]; holing axes; hollowing bits [parts of hand tools]; hoop cutters [hand tools]; hunting knives; ice picks; implements for decanting liquids [hand tools]; insecticide atomizers [hand tools]; insecticide sprayers

[hand tools]; insecticide vaporizers [hand tools]; instruments and tools for skinning animals; instruments for punching tickets; irons [non-electric hand tools]; jigsaws; knife handles; knife steels; knives; knuckle dusters; ladles [hand tools]; lasts [shoemakers' hand tools]; lawn clippers [hand instruments]; leather strops; levers; lifting jacks, hand-operated; livestock marking tools; machetes; mallets [hand instruments]; manicure sets; manicure sets, electric; marline spikes; masons' hammers; mattocks; meat choppers [hand tools]; metal band stretchers [hand tools]; metal wire stretchers [hand tools]; milling cutters [hand tools]; mincing knives [hand tools]; miter boxes [hand tools]; molding irons; money scoops; mortars for pounding [hand tools]; mortise axes; mortise chisels; nail buffers, electric or non-electric; nail clippers, electric or non-electric; nail drawers [hand tools]; nail extractors, hand-operated; nail files; nail files, electric; nail nippers; nail pullers, hand-operated; nail punches; needle files; nippers; non-electric caulking guns; numbering punches; oyster openers; palette knives; paring irons [hand tools]; paring knives; pedicure sets; penknives; perforating tools [hand tools]; pestles for pounding [hand tools]; pickaxes; pickhammers; picks [hand tools]; pin punches; pincers; pizza cutters, non-electric; plane irons; planes; pliers; police batons; polishing irons [glazing tools]; priming irons [hand tools]; pruning knives; pruning scissors; pruning shears; punch pliers [hand tools]; punch rings [knuckle

dusters]; punches [hand tools]; rabeting planes; rakes [hand tools]; rammers [hand tools]; rams [hand tools]; rasps [hand tools]; ratchets [hand tools]; razor blades; razor cases; razor strops; razors, electric or non-electric; reamer sockets; reamers; riveters [hand tools]; riveting hammers [hand tools]; sabres; sand trap rakes; saw blades [parts of hand tools]; saw holders; saws [hand tools]; scaling knives; scissors; scrapers [hand tools]; scrapers for skis; scraping tools [hand tools]; screw stocks [hand tools]; screwdrivers, non-electric; screw-thread cutters [hand tools]; scythe handles; scythe rings; scythe stones; scythes; secateurs; sharpening instruments; sharpening steels; sharpening stones; sharpening wheels [hand tools]; shaving cases; shear blades; shearers [hand instruments]; shears; shovels [hand tools]; sickles; side arms, other than firearms; silver plate [knives, forks and spoons]; sledgehammers; spades [hand tools]; spanners [hand tools]; spatulas [hand tools]; spoons; squares [hand tools]; stamping-out tools [hand tools]; stamps [hand tools]; stone hammers; stropping instruments; sword scabbards; swords; syringes for spraying insecticides; table cutlery [knives, forks and spoons]; table forks; table knives, forks and spoons for babies; table knives, forks and spoons of plastic; tableware [knives, forks and spoons]; tap wrenches; taps [hand tools]; tattoo needles; thistle extractors [hand tools]; tin openers, non-electric; tongs; tool belts [holders]; tree pruners; trowels; trowels [gardening]; truncheons; tube cutters [hand tools]; tube

cutting instruments; tweezers; vegetable choppers; vegetable knives; vegetable shredders; vegetable slicers; vices; vises; weeding forks [hand tools]; whetstone holders; whetstones; wick trimmers [scissors]; wine bottle foil cutters, hand-operated; wire strippers [hand tools]; wrenches [hand tools].

Class 9. 3D spectacles; abacuses; accelerometers; accumulator boxes; accumulator jars; accumulators, electric; accumulators, electric, for vehicles; acid hydrometers; acidimeters for batteries; acoustic alarms; acoustic conduits; acoustic couplers; actinometers; adding machines; aerials; aerometers; air analysis apparatus; alarm bells, electric; alarms; alcoholmeters; alidades; altimeters; ammeters; amplifiers; amplifying tubes; amplifying valves; anemometers; animated cartoons; anode batteries; anodes; answering machines; antennas; anticathodes; anti-glare glasses; anti-interference devices [electricity]; anti-theft warning apparatus; apertometers [optics]; apparatus and installations for the production of X-rays, not for medical purposes; apparatus and instruments for astronomy; checking [supervision] apparatus and instruments; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity; photographic and cinematographic apparatus and instruments; apparatus and instruments for physics; scientific apparatus and instruments; apparatus for changing record player needles; apparatus for editing cinematographic film;

apparatus for fermentation [laboratory apparatus]; apparatus for measuring the thickness of skins; apparatus for recording, transmission or reproduction of sound or images; apparatus for recording distance; signaling apparatus; apparatus to check franking; apparatus to check stamping mail; appliances for measuring the thickness of leather; armatures [electricity]; asbestos clothing for protection against fire; asbestos gloves for protection against accidents; asbestos screens for firemen; audio- and video-receivers; audiovisual teaching apparatus; automated teller machines [ATM]; automatic indicators of low pressure in vehicle tires; azimuth instruments; baby monitors; bags adapted for laptops; balances [steelyards]; balancing apparatus; bar code readers; barometers; batteries for lighting; batteries, electric; batteries, electric, for vehicles; battery boxes; battery chargers; battery jars; beacons, luminous; bells [warning devices]; betatrons; binoculars; blinkers [signalling lights]; blueprint apparatus; boiler control instruments; branch boxes [electricity]; breathing apparatus for underwater swimming; breathing apparatus, except for artificial respiration; bullet-proof clothing; bullet-proof vests; bullet-proof waistcoats; buzzers; cabinets for loudspeakers; cables, electric; calculating machines; calibrating rings; calipers; camcorders; cameras [photography]; capacitors; capillary tubes; carpenters' rules; carriers for dark plates [photography]; cases especially made for

photographic apparatus and instruments; cash registers; cassette players; cathodes; cathodic anti-corrosion apparatus; cell phone straps; cell phones; cell switches [electricity]; cellular phones; centering apparatus for photographic transparencies; central processing units [processors]; chargers for electric batteries; chemistry apparatus and instruments; chips [integrated circuits]; choking coils [impedance]; chromatography apparatus for laboratory use; chronographs [time recording apparatus]; cinematographic cameras; cinematographic film, exposed; circuit breakers; circuit closers; circular slide rules; cleaning apparatus for phonograph records; cleaning apparatus for sound recording discs; clinometers; close-up lenses; clothing especially made for laboratories; clothing for protection against accidents, irradiation and fire; clothing for protection against fire; coaxial cables; coils, electric; coin-operated mechanisms for television sets; coin-operated musical automata [juke boxes]; collectors, electric; commutators; compact disc players; compact discs [audio-video]; compact discs [read-only memory]; comparators; compasses for measuring; computer game software; computer hardware; computer keyboards; computer memory devices; computer operating programs, recorded; computer peripheral devices; computer programs [downloadable software]; computer programs, recorded; computer software applications, downloadable; computer software platforms, recorded or downloadable; computer software, recorded;

computers; condensers [capacitors]; conductors, electric; connections for electric lines; connections, electric; contact lenses; contacts, electric; containers for contact lenses; containers for microscope slides; control panels [electricity]; converters, electric; copper wire, insulated; cordless telephones; correcting lenses [optics]; cosmographic instruments; counterfeit [false] coin detectors; counters; couplers [data processing equipment]; couplings, electric; covers for electric outlets; covers for personal digital assistants [PDAs]; covers for smartphones; covers for tablet computers; crash test dummies; crucibles [laboratory]; cupels [laboratory]; current rectifiers; cyclotrons; darkroom lamps [photography]; darkrooms [photography]; data processing apparatus; data processing equipment; decompression chambers; decorative magnets; demagnetizing apparatus for magnetic tapes; densimeters; densitometers; detectors; diagnostic apparatus, not for medical purposes; diaphragms [acoustics]; diaphragms [photography]; diaphragms for scientific apparatus; dictating machines; diffraction apparatus [microscopy]; digital photo frames; digital signs; directional compasses; discharge tubes, electric, other than for lighting; disk drives for computers; disks, magnetic; distance measuring apparatus; distance recording apparatus; distillation apparatus for scientific purposes; distribution boards [electricity]; distribution boxes [electricity]; distribution consoles

[electricity]; divers' masks; diving suits; DNA chips; dog whistles; dosage dispensers; dosimeters; downloadable graphics for mobile phones; downloadable image files; downloadable music files; downloadable ring tones for mobile phones; drainers for use in photography; dressmakers' measures; drying apparatus for photographic prints; drying racks [photography]; ducts [electricity]; DVD players; dynamometers; ear plugs for divers; egg timers [sandglasses]; egg-candlers; electric apparatus for commutation; electric apparatus for remote ignition; electric discharge tubes, other than for lighting; electric door bells; electric installations for the remote control of industrial operations; electric loss indicators; electrical adapters; electricity conduits; electrified fences; electrified rails for mounting spot lights; electro-dynamic apparatus for the remote control of railway points; electro-dynamic apparatus for the remote control of signals; electrolyzers; electromagnetic coils; electronic agendas; electronic book readers; electronic notice boards; electronic pens [visual display units]; electronic pocket translators; electronic publications, downloadable; electronic tags for goods; encoded identification bracelets, magnetic; encoded key cards; encoded magnetic cards; enlarging apparatus [photography]; epidiascopes; ergometers; exposure meters [light meters]; eyeglass cases; eyeglass chains; eyeglass cords; eyeglass frames; eyeglass lenses; eyeglasses; eyepieces; eyewear; facsimile machines; fiber optic cables;

film cutting apparatus; films, exposed; filters [photography]; filters for respiratory masks; filters for ultraviolet rays, for photography; fire alarms; fire beaters; fire blankets; fire boats; fire engines; fire escapes; fire extinguishers; fire-extinguishing apparatus; fire hose; fire hose nozzles; fire pumps; flash-bulbs [photography]; flashing lights [luminous signals]; flashlights [photography]; floppy disks; fluorescent screens; fog signals, non-explosive; food analysis apparatus; frames for photographic transparencies; frequency meters; furnaces for laboratory use; furniture especially made for laboratories; fuse wire; fuses; galena crystals [detectors]; galvanic batteries; galvanic cells; galvanometers; garments for protection against fire; gas testing instruments; gasoline gauges; gasometers [measuring instruments]; gauges; glazing apparatus for photographic prints; Global Positioning System [GPS] apparatus; gloves for divers; gloves for protection against accidents; gloves for protection against X-rays for industrial purposes; goggles for sports; gradient indicators; graduated glassware; grids for batteries; hands-free kits for telephones; head cleaning tapes [recording]; headphones; heat regulating apparatus; heliographic apparatus; hemline markers; high tension batteries; high-frequency apparatus; holders for electric coils; holograms; horns for loudspeakers; hourglasses; hydrometers; hygrometers; identification sheaths for electric wires; identification threads for electric wires; identity cards, magnetic;

igniting apparatus, electric, for igniting at a distance; inclinometers; incubators for bacteria culture; inductors [electricity]; instruments containing eyepieces; integrated circuit cards [smart cards]; integrated circuits; intercommunication apparatus; interfaces for computers; inverters [electricity]; invoicing machines; ionization apparatus not for the treatment of air or water; jigs [measuring instruments]; juke boxes for computers; juke boxes, musical; junction boxes [electricity]; junction sleeves for electric cables; kilometer recorders for vehicles; knee-pads for workers; laboratory centrifuges; laboratory trays; lactodensimeters; lactometers; laptop computers; lasers, not for medical purposes; lens hoods; lenses for astrophotography; letter scales; levelling instruments; levelling staffs [surveying instruments]; levels [instruments for determining the horizontal]; lever scales [steelyards]; life belts; life buoys; life jackets; life nets; life saving apparatus and equipment; life-saving capsules for natural disasters; life-saving rafts; light dimmers [regulators], electric; light regulators [dimmers], electric; light-emitting diodes [LED]; light-emitting electronic pointers; lighting ballasts; lightning arresters; lightning conductors; lightning rods; limiters [electricity]; locks, electric; logs [measuring instruments]; loudspeakers; magic lanterns; magnetic data media; magnetic encoders; magnetic tape units for computers; magnetic tapes; magnetic wires; magnets; magnifying

glasses [optics]; manometers; marine compasses; marine depth finders; marking buoys; marking gauges [joinery]; masts for wireless aerials; material testing instruments and machines; materials for electricity mains [wires, cables]; mathematical instruments; measures; measuring apparatus; measuring devices, electric; measuring glassware; measuring instruments; measuring spoons; mechanical signs; mechanisms for coin-operated apparatus; mechanisms for counter-operated apparatus; megaphones; memory cards for video game machines; mercury levels; metal detectors for industrial or military purposes; meteorological balloons; meteorological instruments; meters; metronomes; micrometer gauges; micrometer screws for optical instruments; micrometers; microphones; microprocessors; microscopes; microtomes; mileage recorders for vehicles; mirrors [optics]; mirrors for inspecting work; mobile telephones; modems; money counting and sorting machines; monitoring apparatus, other than for medical purposes; monitors [computer hardware]; monitors [computer programs]; mouse [computer peripheral]; mouse pads; nautical apparatus and instruments; naval signalling apparatus; navigation apparatus for vehicles [on-board computers]; navigational instruments; needles for record players; neon signs; nets for protection against accidents; nose clips for divers and swimmers; notebook computers;

objectives [lenses] [optics]; observation instruments; octants; ohmmeters; optical apparatus and instruments; optical character readers; optical condensers; optical data media; optical discs; optical fibers [light conducting filaments]; optical glass; optical lamps; optical lanterns; optical lenses; oscillographs; ovens for laboratory use; oxygen transvasing apparatus; ozonisers [ozonators]; parking meters; particle accelerators; pedometers; peepholes [magnifying lenses] for doors; periscopes; personal stereos; Petri dishes; petrol gauges; phonograph records; photocopiers [photographic, electrostatic, thermic]; photographic racks; photometers; phototelegraphy apparatus; photovoltaic cells; pince-nez; pipettes; Pitot tubes; plane tables [surveying instruments]; planimeters; plates for batteries; plotters; plugs, sockets and other contacts [electric connections]; plumb bobs; plumb lines; pocket calculators; polarimeters; portable media players; precision balances; precision measuring apparatus; pressure gauges; pressure indicator plugs for valves; pressure indicators; pressure measuring apparatus; printed circuit boards; printed circuits; printers for use with computers; prisms [optics]; probes for scientific purposes; processors [central processing units]; projection apparatus; projection screens; protection devices against X-rays, not for medical purposes; protection devices for personal use against accidents; protective films adapted for computer screens; protective films adapted for smartphones;

protective helmets; protective helmets for sports; protective masks; protective suits for aviators; protractors [measuring instruments]; punched card machines for offices; push buttons for bells; pyrometers; quantity indicators; radar apparatus; radio pagers; radiological apparatus for industrial purposes; radiology screens for industrial purposes; radios; radiotelegraphy sets; radiotelephony sets; railway traffic safety appliances; range finders; readers [data processing equipment]; record players; reducers [electricity]; reflective articles for wear, for the prevention of accidents; refractometers; refractors; regulating apparatus, electric; relays, electric; remote control apparatus; resistances, electric; respirators for filtering air; respiratory masks, other than for artificial respiration; resuscitation mannequins [teaching apparatus]; resuscitation training simulators; retorts; retorts' stands; revolution counters; rheostats; riding helmets; road signs, luminous or mechanical; rods [surveying instruments]; rods for water diviners; rulers [measuring instruments]; rules [measuring instruments]; saccharometers; safety nets; safety restraints, other than for vehicle seats and sports equipment; safety tarpaulins; salinometers; satellite navigational apparatus; satellites for scientific purposes; scales; scanners [data processing equipment]; screens [photography]; screens for photoengraving; screw-tapping gauges; semi-conductors; sextants; sheaths for electric cables; shoes for protection against accidents, irradiation and fire; shutter

releases [photography]; shutters [photography]; sighting telescopes for firearms; signal bells; signal lanterns; signalling buoys; signalling panels, luminous or mechanical; signalling whistles; signals, luminous or mechanical; signs, luminous; simulators for the steering and control of vehicles; sirens; sleeves and cases for apparatus and devices, included in this class; sleeves for laptops; slide calipers; slide projectors; slide-rules; slides [photography]; slope indicators; smart cards [integrated circuit cards]; smartphones; smoke detectors; solar batteries; solar panels for the production of electricity; solderers' helmets; solenoid valves [electromagnetic switches]; sonars; sound alarms; sound locating instruments; sound recording apparatus; sound recording carriers; sound recording discs; sound recording strips; sound reproduction apparatus; sound transmitting apparatus; sounding apparatus and machines; sounding leads; sounding lines; spark-guards; speaking tubes; spectacle cases; spectacle chains; spectacle cords; spectacle frames; spectacle lenses; spectacles; spectrograph apparatus; spectrosopes; speed checking apparatus for vehicles; speed indicators; speed measuring apparatus [photography]; speed regulators for record players; spherometers; spirit levels; spools [photography]; sports whistles; sprinkler systems for fire protection; stage lighting regulators; stands for photographic apparatus; starter cables for motors; steelyards [lever scales]; steering apparatus, automatic,

for vehicles; step-up transformers; stereoscopes; stereoscopic apparatus; stills for laboratory experiments; stroboscopes; styli for record players; sulfimeters; sunglasses; surveying apparatus and instruments; surveying chains; surveying instruments; surveyors' levels; switchboards; switchboxes [electricity]; switches, electric; tablet computers; tachometers; tape recorders; taximeters; teaching apparatus; teeth protectors; telegraph wires; telegraphs [apparatus]; telemeters; telephone apparatus; telephone receivers; telephone transmitters; telephone wires; teleprinters; teleprompters; telerupters; telescopes; telescopic sights for artillery; telescopic sights for firearms; teletypewriters; television apparatus; temperature indicator labels, not for medical purposes; temperature indicators; terminals [electricity]; test tubes; testing apparatus not for medical purposes; theft prevention installations, electric; theodolites; thermionic tubes; thermionic valves; thermometers, not for medical purposes; thermostats; thermostats for vehicles; thread counters; ticket dispensers; time clocks [time recording devices]; time recording apparatus; time switches, automatic; tone arms for record players; toner cartridges, unfilled, for printers and photocopiers; totalizators; traffic cones; traffic-light apparatus [signalling devices]; transformers [electricity]; transistors [electronic]; transmitters [telecommunication]; transmitters of electronic signals; transmitting sets

[telecommunication]; transparencies [photography]; transparency projection apparatus; transponders; triodes; tripods for cameras; urinometers; USB flash drives; vacuum gauges; vacuum tubes [radio]; variometers; vehicle breakdown warning triangles; vehicle radios; verniers; video baby monitors; video cassettes; video game cartridges; video recorders; video screens; video telephones; videotapes; viewfinders, photographic; viscosimeters; visors for helmets; voltage regulators for vehicles; voltage surge protectors; voltmeters; voting machines; wafers for integrated circuits; walkie-talkies; washing trays [photography]; water level indicators; wavemeters; wearable computers; weighbridges; weighing apparatus and instruments; weighing machines; weights; whistle alarms; wind socks for indicating wind direction; wire connectors [electricity]; wires, electric; workmen's protective face-shields; wrist rests for use with computers; X-ray apparatus not for medical purposes; X-ray films, exposed; X-ray photographs, other than for medical purposes; X-ray tubes not for medical purposes.

Class 11. Apparatus for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes; acetylene burners; acetylene flares; acetylene generators; air conditioners for vehicles; air cooling apparatus; air deodorizing apparatus; air driers; air dryers; air filtering installations; air purifying apparatus and machines; air reheaters; air sterilizers; air

valves for steam heating installations; air-conditioning apparatus; air-conditioning installations; alcohol burners; anti-dazzle devices for automobiles [lamp fittings]; anti-dazzle devices for vehicles [lamp fittings]; anti-glare devices for vehicles [lamp fittings]; anti-splash tap nozzles; apparatus for dehydrating food waste; aquarium filtration apparatus; aquarium heaters; aquarium lights; arc lamps; ash conveyor installations, automatic; ash pits for furnaces; atomic piles; autoclaves, electric, for cooking; automobile lights; bakers' ovens; barbecues; bath fittings; bath installations; bath plumbing fixtures; bath tubs; bath tubs for sitz baths; bed warmers; beverage cooling apparatus; bicycle lights; bidets; blankets, electric, not for medical purposes; boiler pipes [tubes] for heating installations; boilers, other than parts of machines; brackets for gas burners; bread baking machines; bread toasters; bread-making machines; burners; burners for lamps; carbon for arc lamps; ceiling lights; central heating radiators; chandeliers; chimney blowers; chimney flues; Chinese lanterns; chromatography apparatus for industrial purposes; clean chambers [sanitary installations]; cocks for pipes and pipelines; coffee machines, electric; coffee percolators, electric; coffee roasters; coils [parts of distilling, heating or cooling installations]; cookers; cooking apparatus and installations; cooking rings; cooking stoves; cooking utensils, electric; cool boxes, electric; coolers, electric;

coolers for furnaces; cooling appliances and installations; cooling installations and machines; cooling installations for liquids; cooling installations for tobacco; cooling installations for water; cooling vats for furnaces; curling lamps; dampers [heating]; deep fryers, electric; defrosters for vehicles; dental ovens; deodorizing apparatus, not for personal use; desalination plants; desiccating apparatus; discharge tubes, electric, for lighting; disinfectant apparatus; disinfectant dispensers for toilets; disinfectant distributors for toilets; distillation apparatus; distillation columns; diving lights; drip irrigation emitters [irrigation fittings]; drying apparatus; drying apparatus and installations; drying apparatus for fodder and forage; electric appliances for making yogurt; electric fans for personal use; electric flashlights; electric lamps; electric lights for Christmas trees; electric torches; electrically heated carpets; evaporators; expansion tanks for central heating installations; extractor hoods for kitchens; fabric steamers; fans [air-conditioning]; fans [parts of air-conditioning installations]; faucets; faucets for pipes and pipelines; feeding apparatus for heating boilers; filaments for electric lamps; filters for air conditioning; filters for drinking water; fire bars; fireplaces, domestic; flaming torches; flare stacks for use in the oil industry; flues for heating boilers; flushing apparatus; flushing tanks; food steamers, electric; footmuffs, electrically heated; footwarmers, electric or non-electric; forage drying

apparatus; forges, portable;
 fountains; framework of metal
 for ovens; freezers; friction
 lighters for igniting gas; fruit
 roasters; fumigation
 apparatus, not for medical
 purposes; furnace ash boxes;
 furnace grates; furnaces, other
 than for laboratory use; gas
 boilers; gas burners; gas
 condensers, other than parts of
 machines; gas lamps; gas
 lighters; gas scrubbers [parts
 of gas installations]; gas
 scrubbing apparatus;
 germicidal burners;
 germicidal lamps for
 purifying air; globes for
 lamps; glue-heating
 appliances; griddles [cooking
 appliances]; grills [cooking
 appliances]; hair driers; hair
 dryers; hand drying apparatus
 for washrooms; headlights for
 automobiles; hearths; heat
 accumulators; heat
 exchangers, other than parts
 of machines; heat pumps; heat
 regenerators; heated display
 cabinets; heaters for baths;
 heaters for heating irons;
 heaters for vehicles; heaters,
 electric, for feeding bottles;
 heating apparatus; heating
 apparatus for defrosting
 vehicle windows; heating
 apparatus for solid, liquid or
 gaseous fuels; heating
 apparatus, electric; heating
 boilers; heating cushions,
 electric, not for medical
 purposes; heating elements;
 heating filaments, electric;
 heating installations; heating
 installations [water]; heating
 pads, electric, not for medical
 purposes; heating plates; hot
 air apparatus; hot air bath
 fittings; hot air ovens; hot
 plates; hot water bottles; hot
 water heating installations;
 humidifiers for central heating
 radiators; hydrants;
 hydromassage bath apparatus;
 ice machines and apparatus;
 immersion heaters;

incandescent burners;
 incinerators; installations for
 processing nuclear fuel and
 nuclear moderating material;
 ionization apparatus for the
 treatment of air or water;
 kettles, electric; kiln furniture
 [supports]; kilns; kitchen
 ranges [ovens]; laboratory
 burners; laboratory lamps;
 lamp casings; lamp chimneys;
 lamp glasses; lamp globes;
 lamp mantles; lamp reflectors;
 lamp shades; lamps; lamps for
 directional signals of
 automobiles; lampshade
 holders; lanterns for lighting;
 laundry driers, electric;
 laundry dryers, electric;
 laundry room boilers; lava
 rocks for use in barbecue
 grills; level controlling valves
 in tanks; light bulbs; light
 bulbs for directional signals
 for vehicles; light bulbs,
 electric; light diffusers; light-
 emitting diodes [LED]
 lighting apparatus; lighters;
 lighting apparatus and
 installations; lighting
 apparatus for vehicles;
 lighting installations for air
 vehicles; lights for
 automobiles; lights for
 vehicles; loading apparatus
 for furnaces; luminous house
 numbers; luminous tubes for
 lighting; magnesium filaments
 for lighting; malt roasters;
 microwave ovens [cooking
 apparatus]; microwave ovens
 for industrial purposes; milk
 cooling installations; miners'
 lamps; mixer faucets for water
 pipes; mixer taps for water
 pipes; motorcycle lights;
 multicookers; nuclear
 reactors; oil burners; oil
 lamps; oil-scrubbing
 apparatus; ornamental
 fountains; oven fittings made
 of fireclay; ovens, other than
 for laboratory use;
 oxyhydrogen burners;
 pasteurisers; petrol burners;
 pipes [parts of sanitary

installations]; plate warmers; pocket warmers; polymerisation installations; pressure cookers, electric; pressure cooking saucepans, electric; pressure water tanks; processing installations for fuel and nuclear moderating material; purification installations for sewage; radiator caps; radiators [heating]; radiators, electric; refining towers for distillation; refrigerating apparatus and machines; refrigerating appliances and installations; refrigerating cabinets; refrigerating chambers; refrigerating containers; refrigerating display cabinets; refrigerators; regulating accessories for water or gas apparatus and pipes; regulating and safety accessories for gas apparatus; regulating and safety accessories for gas pipes; regulating and safety accessories for water apparatus; roasters; roasting apparatus; roasting jacks; roasting spits; rotisseries; safety accessories for water or gas apparatus and pipes; safety lamps; sanitary apparatus and installations; sauna bath installations; scrubbers [parts of gas installations]; searchlights; shaped fittings for furnaces; shaped fittings for ovens; shower cubicles; shower enclosures; showers; sinks; sockets for electric lights; socks, electrically heated; solar furnaces; solar thermal collectors [heating]; sous-vide cookers, electric; spa baths [vessels]; spigots for pipes and pipelines; standard lamps; steam accumulators; steam boilers, other than parts of machines; steam facial apparatus [saunas]; steam generating installations; sterilizers; stills; stoves;

stoves [heating apparatus]; street lamps; structural plates for ovens; swimming pool chlorinating apparatus; tanning apparatus [sun beds]; taps; taps for pipes and pipelines; thermostatic valves [parts of heating installations]; toasters; tobacco roasters; toilet bowls; toilet seats; toilets [water-closets]; toilets, portable; Turkish bath cabinets, portable; ultraviolet ray lamps, not for medical purposes; urinals [sanitary fixtures]; vehicle headlights; vehicle reflectors; ventilation [air-conditioning] installations and apparatus; ventilation [air-conditioning] installations for vehicles; ventilation hoods; ventilation hoods for laboratories; waffle irons, electric; walk-in refrigerators; warming pans; washers for water faucets; washers for water taps; wash-hand basins [parts of sanitary installations]; wash-hand bowls [parts of sanitary installations]; washing coppers; water closets; water conduits installations; water distribution installations; water filtering apparatus; water flushing installations; water heaters; water heaters [apparatus]; water intake apparatus; water purification installations; water purifying apparatus and machines; water softening apparatus and installations; water sterilizers; water supply installations; watering installations, automatic; watering machines for agricultural purposes; water-pipes for sanitary installations; whirlpool-jet apparatus; wine cellars, electric.

Class 12. Adhesive rubber patches for repairing inner tubes; aerial conveyors; aeronautical apparatus, machines and appliances; aeroplanes; air

bags [safety devices for automobiles]; air cushion vehicles; air pumps [vehicle accessories]; air vehicles; aircraft; airships; ambulances; amphibious airplanes; anti-dazzle devices for vehicles; anti-glare devices for vehicles; anti-skid chains; anti-theft alarms for vehicles; anti-theft devices for vehicles; apparatus for locomotion by land, air or water; armored vehicles; audible warning systems for bicycles; automobile bodies; automobile chains; automobile chassis; automobile hoods; automobile tires; automobiles; axle journals; axles for vehicles; balance weights for vehicle wheels; bands for wheel hubs; barges; baskets adapted for bicycles; bicycle bells; bicycle brakes; bicycle chains; bicycle cranks; bicycle frames; bicycle handlebars; bicycle kickstands; bicycle motors; bicycle mudguards; bicycle pedals; bicycle saddles; bicycle tires; bicycle wheel hubs; bicycle wheel rims; bicycle wheel spokes; bicycle wheels; bicycles; boat hooks; boats; bodies for vehicles; bogies for railway cars; brake discs for vehicles; brake linings for vehicles; brake pads for automobiles; brake segments for vehicles; brake shoes for vehicles; brakes for vehicles; buffers for railway rolling stock; bumpers for automobiles; cable cars; cable transport apparatus and installations; caissons [vehicles]; camping cars; canoes; caps for vehicle fuel tanks; caravans; carrier tricycles; cars; cars for cable transport installations; carts; casings for pneumatic tires [tyres]; casters for carts [vehicles]; casters for trolleys [vehicles]; casting carriages;

casting cars; chairlifts; cigar lighters for automobiles; cleaning trolleys; cleats [nautical]; clutches for land vehicles; concrete mixing vehicles; connecting rods for land vehicles, other than parts of motors and engines; couplings for land vehicles; covers for vehicle steering wheels; crankcases for land vehicle components, other than for engines; davits for boats; delivery tricycles; dining carriages; dining cars; dining cars [carriages]; dinner wagons [carriages]; direction indicators for bicycles; dirigible balloons; disengaging gear for boats; doors for vehicles; dredgers [boats]; dress guards for bicycles; driving chains for land vehicles; driving motors for land vehicles; ejector seats for aircraft; electric vehicles; elevating tailgates [parts of land vehicles]; engine mounts for land vehicles; engines for land vehicles; fenders for ships; ferry boats; fitted footmuffs for baby carriages; fitted footmuffs for prams; fitted footmuffs for pushchairs; fitted footmuffs for strollers; flanges for railway wheel tires; forklift trucks; freewheels for land vehicles; funiculars; funnels for locomotives; funnels for ships; garbage trucks; gear boxes for land vehicles; gearing for land vehicles; gears for bicycles; golf cars [vehicles]; golf carts [vehicles]; hand cars; handling carts; headlight wipers; head-rests for vehicle seats; hoods for vehicle engines; hoods for vehicles; horns for vehicles; hose carts; hot air balloons; hub caps; hubs for bicycle wheels; hubs for vehicle wheels; hydraulic circuits for vehicles; hydroplanes; inclined ways

for boats; inner tubes for bicycle tires; inner tubes for pneumatic tires; jet engines for land vehicles; kick sledges; ladle carriages; ladle cars; launches; locomobiles; locomotives; lorries; luggage carriers for vehicles; luggage nets for vehicles; luggage trucks; masts for boats; microcars; military vehicles for transport; mine cars; mine cart wheels; mopeds; motor buses; motor cars; motor coaches; motor homes; motor scooters; motorcycle bells; motorcycle kickstands; motorcycle saddles; motorcycles; motorized wheelchairs; motors for land vehicles; motors, electric, for land vehicles; mudguards; non-skid devices for vehicle tires; oarlocks; oars; omnibuses; paddles for canoes; panniers adapted for bicycles; parachutes; pneumatic tires; pontoons; portholes; power tailgates [parts of land vehicles]; propulsion mechanisms for land vehicles; pumps for bicycle tires; push scooters [vehicles]; pushchair covers; pushchair hoods; pushchairs; railway carriages; railway couplings; rearview mirrors; reduction gears for land vehicles; refrigerated railway wagons; refrigerated vehicles; remote control vehicles, other than toys; remotely operated vehicles for underwater inspections; repair outfits for inner tubes; reversing alarms for vehicles; rims for bicycle wheels; rims for vehicle wheels; rolling stock for funicular railways; rolling stock for railways; rowlocks; rubbish trucks; rudders; sackbarrows; saddle covers for bicycles; saddle covers for motorcycles; saddlebags adapted for bicycles; safety belts for vehicle seats; safety

seats for children, for vehicles; screw-propellers; screw-propellers for boats; screws [propellers] for ships; sculls; seaplanes; seat covers for vehicles; security harness for vehicle seats; ship hulls; ships; shock absorbers for automobiles; shock absorbing springs for vehicles; shopping carts; shopping trolleys; side cars; signal arms for vehicles; ski carriers for cars; ski lifts; sleeping berths for vehicles; sleeping cars; sleighs [vehicles]; snowmobiles; space vehicles; spare tire covers; spare wheel covers; spars for ships; spikes for tires; spoilers for vehicles; spoke clips for wheels; spokes for bicycle wheels; sports cars; sprinkling trucks; steering gears for ships; steering wheels for vehicles; stern oars; stroller covers; stroller hoods; strollers; sunblinds adapted for automobiles; suspension shock absorbers for vehicles; tailboard lifts [parts of land vehicles]; telfer railways [cable cars]; tilt trucks; tilting-carts; timbers [frames] for ships; tipping apparatus [parts of railway wagons]; tipping bodies for lorries; tipping bodies for trucks; tire mousse inserts; tires for vehicle wheels; torque converters for land vehicles; torsion bars for vehicles; tractors; trailer hitches for vehicles; trailers [vehicles]; tramcars; transmission chains for land vehicles; transmission shafts for land vehicles; transmissions for land vehicles; treads for retreading tires; treads for vehicles [roller belts]; treads for vehicles [tractor type]; tricycles; trolleys; trucks; tubeless tires for bicycles; turbines for land vehicles; two-wheeled trolleys;

- undercarriages for vehicles; upholstery for vehicles; valves for vehicle tires; vans [vehicles]; vehicle bumpers; vehicle chassis; vehicle covers [shaped]; vehicle joysticks; vehicle running boards; vehicle seats; vehicle suspension springs; vehicle wheel hubs; vehicle wheel rims; vehicle wheel spokes; vehicle wheels; vehicles; vehicles for locomotion by land, air, water or rail; water vehicles; wheelbarrows; wheelchairs; windows for vehicles; windscreen wipers; windscreens; windshield wipers; windshields; yachts.
- Class 13. Acetyl-nitrocellulose; air pistols [weapons]; ammonium nitrate explosives; ammunition; ammunition for firearms; apparatus for filling cartridge belts; artillery guns [cannons]; automatic firearm ammunition belts; ballistic missiles; ballistic weapons; bandoliers for weapons; belts adapted for ammunition; Bengal lights; breeches of firearms; cannons; carbines; cartridge cases; cartridge loading apparatus; cartridge pouches; cartridges; cleaning brushes for firearms; detonating caps, other than toys; detonating fuses for explosives; detonating plugs; detonators; dynamite; explosive cartridges; explosive powders; explosives; firearms; firecrackers; fireworks; firing lanyards for explosives; firing platforms; flare pistols; fog signals, explosive; fuses for explosives; fuses for explosives, for use in mines; gun barrels; gun carriages [artillery]; gun cases; guncotton; gunpowder; guns [weapons]; gunstocks; hammers for guns; hammers for guns and rifles; hammers for rifles; hand grenades;
- harpoon guns [weapons]; hunting firearms; lead shot for hunting; machine guns; mines [explosives]; mortars [firearms]; motorized weapons; noise-suppressors for guns; percussion caps, other than toys; pistols [arms]; powder horns; primings [fuses]; projectiles [weapons]; pyrophoric substances; pyrotechnic products; pyroxylin; revolvers; rifle barrels; rifle cases; rifles; rocket launchers; rockets [projectiles]; shells [projectiles]; shoulder straps for weapons; side arms [firearms]; sighting mirrors for guns; sighting mirrors for guns and rifles; sighting mirrors for rifles; sights, other than telescopic sights, for artillery; sights, other than telescopic sights, for firearms; signal rocket flares; sporting firearms; sprays for personal defense purposes; tanks [weapons]; tear-gas weapons; torpedoes; trigger guards for guns and rifles; trigger guards for rifles; trunnions for heavy weapons.
- Class 14. Agates; alarm clocks; alloys of precious metal; amulets [jewellery]; anchors [clock- and watchmaking]; atomic clocks; badges of precious metal; barrels [clock- and watchmaking]; beads for making jewellery; bijouterie; boxes for clock- and watchmaking; boxes of precious metal; bracelets [jewellery]; brooches [jewellery]; busts of precious metal; chains [jewellery]; chaplets; charms for jewellery; chronographs [watches]; chronometers; chronometric instruments; chronoscopes; clasps for jewellery; clock cases; clock hands; clocks; clocks and watches, electric; clockworks; cloisonné jewellery; coins;

control clocks [master clocks]; copper tokens; cufflinks; dials [clock- and watchmaking]; diamonds; earrings; figurines [statuettes] of precious metal; gold thread [jewellery]; gold, unwrought or beaten; hat jewellery; imitation jewelry; ingots of precious metals; iridium; ivory jewellery; jet, unwrought or semi-wrought; jewellery; jewellery boxes; jewellery charms; jewellery findings; jewellery of yellow amber; jewellery rolls; key chains [split rings with trinket or decorative fob]; key rings [split rings with trinket or decorative fob]; lockets [jewellery]; master clocks; medals; movements for clocks and watches; necklaces [jewellery]; olivine [gems]; ornamental pins; ornaments [jewellery]; ornaments of jet; osmium; palladium; paste jewellery; paste jewellery [costume jewellery]; pearls [jewellery]; pearls made of ambroid [pressed amber]; pendulums [clock- and watchmaking]; peridot; pins [jewellery]; platinum [metal]; precious metals, unwrought or semi-wrought; precious stones; presentation boxes for watches; rhodium; rings [jewellery]; rosaries; ruthenium; semi-precious stones; shoe jewellery; silver thread [jewellery]; silver, unwrought or beaten; spinel [precious stones]; spun silver [silver wire]; statues of precious metal; statuettes of precious metal; stopwatches; straps for wristwatches; sundials; threads of precious metal [jewellery]; tie clips; tie pins; watch bands; watch cases [parts of watches]; watch chains; watch crystals; watch glasses; watch hands; watch springs; watch straps; watches; wire of precious

metal [jewellery]; works of art of precious metal; wristwatches.

Class 15. Accordions; bagpipes; balalaikas [stringed musical instruments]; bamboo flutes; bandonions; banjos; barrel organs; basses [musical instruments]; bellows for musical instruments; bow nuts for musical instruments; bows for musical instruments; bridges for musical instruments; buccins [trumpets]; carillons [musical instruments]; cases for musical instruments; castanets; catgut for musical instruments; chin rests for violins; clarionets; clarions; concertinas; conductors' batons; cornets [musical instruments]; cymbals; dampers for musical instruments; double basses; drumheads; drums [musical instruments]; drumsticks; electronic musical instruments; flutes; gongs; guitars; handbells [musical instruments]; harmonicas; harmoniums; harp strings; harps; hats with bells [musical instruments]; horns [musical instruments]; horsehair for bows for musical instruments; huqin [Chinese violins]; intensity regulators for mechanical pianos; Jews' harps [musical instruments]; kettledrum frames; kettledrums; keyboards for musical instruments; keys for musical instruments; lyres; mandolins; mouthpieces for musical instruments; music rolls [piano]; music stands; music synthesizers; musical boxes; musical instruments; mutes for musical instruments; oboes; ocarinas; organs; pedals for musical instruments; pegs for musical instruments; perforated music rolls; piano keyboards; piano keys; piano strings; pianos;

Class 16.	<p>picks for stringed instruments; pipa [Chinese guitars]; plectrums; reeds; saxophones; sheng [Chinese musical wind instruments]; skins for drums; stands for musical instruments; sticks for bows for musical instruments; stringed musical instruments; strings for musical instruments; suona [Chinese trumpets]; tambourines; tom-toms; triangles [musical instruments]; trombones; trumpets; tuning forks; tuning hammers; turning apparatus for sheet music; valves for musical instruments; violas; violins; wind pipes for organs; xylophones; zithers.</p> <p>Absorbent sheets of paper or plastic for foodstuff packaging; address plates for addressing machines; address stamps; addressing machines; adhesive bands for stationery or household purposes; adhesive tape dispensers [office requisites]; adhesive tapes for stationery or household purposes; adhesives [glues] for stationery or household purposes; advertisement boards of paper or cardboard; albums; almanacs; announcement cards [stationery]; apparatus for mounting photographs; aquarelles; architects' models; arithmetical tables; artists' watercolor saucers; atlases; bags [envelopes, pouches] of paper or plastics, for packaging; bags for microwave cooking; balls for ball-point pens; bibs of paper; binding strips [bookbinding]; biological samples for use in microscopy [teaching materials]; blackboards; blotters; blueprints; bookbinding apparatus and machines [office equipment]; bookbinding cloth; bookbinding cords;</p>	<p>bookbinding material; bookbindings; bookends; booklets; bookmarkers; books; bottle envelopes of paper or cardboard; bottle wrappers of paper or cardboard; boxes for pens; boxes of paper or cardboard; cabinets for stationery [office requisites]; calculating tables; calendars; canvas for painting; carbon paper; cardboard; cardboard tubes; cards; cases for stamps [seals]; catalogues; chalk for lithography; chalk holders; charcoal pencils; chart pointers, non-electronic; charts; chromolithographs [chromos]; chromos; cigar bands; clipboards; clips for name badge holders [office requisites]; clips for offices; cloth for bookbinding; coasters of paper; comic books; compasses for drawing; composing frames [printing]; composing sticks; conical paper bags; copying paper [stationery]; cords for bookbinding; correcting fluids [office requisites]; correcting ink [heliography]; correcting tapes [office requisites]; covers [stationery]; covers of paper for flower pots; cream containers of paper; credit card imprinters, non-electric; decalcomanias; desk mats; diagrams; document files [stationery]; document holders [stationery]; document laminators for office use; drawer liners of paper, perfumed or not; drawing boards; drawing instruments; drawing materials; drawing pads; drawing pens; drawing pins; drawing rulers; drawing sets; duplicators; elastic bands for offices; electrocardiograph paper; electrotypes; embroidery designs [patterns]; engraving plates; engravings; envelope sealing machines for offices; envelopes [stationery]; erasing products;</p>
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erasing shields; etching needles; etchings; fabrics for bookbinding; face towels of paper; figurines [statuettes] of papier mâché; files [office requisites]; filter paper; filtering materials [paper]; finger-stalls [office requisites]; flags of paper; flower-pot covers of paper; flyers; folders for papers; forms, printed; fountain pens; franking machines for office use; French curves; galley racks [printing]; garbage bags of paper or of plastics; geographical maps; glue for stationery or household purposes; gluten [glue] for stationery or household purposes; goods made from paper or cardboard, included in this class; graining combs; graphic prints; graphic representations; graphic reproductions; greeting cards; gummed cloth for stationery purposes; gummed tape [stationery]; gums [adhesives] for stationery or household purposes; hand labelling appliances; handbooks [manuals]; handkerchiefs of paper; hand-rests for painters; handwriting specimens for copying; hat boxes of cardboard; hectographs; histological sections for teaching purposes; holders for checkbooks; holders for cheque books; holders for stamps [seals]; house painters' rollers; humidity control sheets of paper or plastic for foodstuff packaging; hygienic paper; index cards [stationery]; indexes; Indian inks; ink sticks; ink stones [ink reservoirs]; ink; inking pads; inking ribbons; inking ribbons for computer printers; inking sheets for document reproducing machines; inking sheets for duplicators; inkstands; inkwells; instructional and teaching

materials; isinglass for stationery or household purposes; jackets for papers; labels of paper or cardboard; ledgers [books]; letter trays; letters [type]; lithographic stones; lithographic works of art; lithographs; loose-leaf binders; luminous paper; magazines [periodicals]; manifolds [stationery]; manuals [handbooks]; marking chalk; marking pens [stationery]; materials for artists, included in this class; mats for beer glasses; mimeograph apparatus and machines; modelling clay; modelling materials; modelling paste; modelling wax, not for dental purposes; moisteners [office requisites]; moisteners for gummed surfaces [office requisites]; molds for modelling clays [artists' materials]; money clips; musical greeting cards; newsletters; newspapers; nibs; nibs of gold; note books; numbering apparatus; numbers [type]; obliterating stamps; office perforators; office requisites, except furniture; oleographs; packaging material made of starches; packing [cushioning, stuffing] materials of paper or cardboard; packing paper; padding materials of paper or cardboard; pads [stationery]; page holders; paint boxes [articles for use in school]; paint trays; paintbrushes; painters' brushes; painters' easels; paintings [pictures], framed or unframed; palettes for painters; pamphlets; pantographs [drawing instruments]; paper; paper bows, other than haberdashery or hair decorations; paper clasps; paper coffee filters; paper creasers [office requisites]; paper for radiograms; paper for recording machines; paper

knives [letter openers]; paper ribbons, other than haberdashery or hair decorations; paper sheets [stationery]; paper shredders for office use; paper tapes and cards for the recordal of computer programmes; paper-clips; papers for painting and calligraphy; paperweights; papier mâché; parchment paper; passport holders; pastels [crayons]; pastes for stationery or household purposes; pen cases; pen clips; pen wipers; pencil holders; pencil lead holders; pencil leads; pencil sharpeners, electric or non-electric; pencil sharpening machines, electric or non-electric; pencils; penholders; pens [office requisites]; perforated cards for Jacquard looms; periodicals; photo-engravings; photograph stands; photographs [printed]; pictures; placards of paper or cardboard; place mats of paper; plans; plastic bags for pet waste disposal; plastic bubble packs for wrapping or packaging; plastic cling film, extensible, for palletization; plastic materials for packaging, included in this class; plastic film for wrapping; plastics for modelling; polymer modelling clay; portraits; postage meters for office use; postage stamps; postcards; posters; printed matter; printed publications; printed timetables; printers' blankets, not of textile; printers' galleys; printing blocks; printing sets, portable [office requisites]; printing type; prints [engravings]; prospectuses; punches [office requisites]; rollers for typewriters; rubber erasers; school supplies [stationery]; scrapbooks; scrapers [erasers] for offices; sealing compounds for stationery

purposes; sealing machines for offices; sealing stamps; sealing wafers; sealing wax; seals [stamps]; self-adhesive tapes for stationery or household purposes; sewing patterns; sheets of reclaimed cellulose for wrapping; shields [paper seals]; signboards of paper or cardboard; silver paper; slate pencils; song books; spools for inking ribbons; square rulers for drawing; squares for drawing; stamp pads; stamp stands; stamps [seals]; stands for pens and pencils; staples for offices; stapling presses [office requisites]; starch paste [adhesive] for stationery or household purposes; stationery; steatite [tailor's chalk]; steel letters; steel pens; stencil cases; stencil plates; stencils; stencils [stationery]; stickers [stationery]; stuffing of paper or cardboard; table linen of paper; table napkins of paper; tablecloths of paper; tablemats of paper; tags for index cards; tailors' chalk; teaching materials [except apparatus]; terrestrial globes; thumbtacks; tickets; tissues of paper for removing make-up; toilet paper; towels of paper; tracing cloth; tracing needles for drawing purposes; tracing paper; tracing patterns; trading cards, other than for games; transfers [decalcomanias]; transparencies [stationery]; trays for sorting and counting money; T-squares for drawing; type [numerals and letters]; typewriter keys; typewriter ribbons; typewriters, electric or non-electric; vignetting apparatus; viscose sheets for wrapping; watercolors [paintings]; waxed paper; wood pulp board [stationery]; wood pulp paper; wrappers [stationery]; wrapping paper; wristbands

Class 17.	<p>for the retention of writing instruments; writing board erasers; writing brushes; writing cases [sets]; writing cases [stationery]; writing chalk; writing instruments; writing materials; writing or drawing books; writing paper; writing slates; disposable sterilization pouches.</p> <p>Acrylic resins, semi-processed; adhesive bands, other than stationery and not for medical or household purposes; adhesive tapes, other than stationery and not for medical or household purposes; anti-dazzle films for windows [tinted films]; anti-glare films for windows [tinted films]; artificial resins, semi-processed; asbestos; asbestos cloth; asbestos coverings; asbestos fabrics; asbestos felt; asbestos fibers; asbestos millboards; asbestos packing; asbestos paper; asbestos safety curtains; asbestos sheets; asbestos slate; bags [envelopes, pouches] of rubber, for packaging; balata; bark coverings for sound insulation; boiler composition to prevent the radiation of heat; brake lining materials, partly processed; canvas hose pipes; carbon fibers, other than for textile use; caulking materials; cellulose acetate, semi-processed; chemical compositions for repairing leaks; clack valves of rubber; clutch linings; compositions to prevent the radiation of heat; connecting hose for vehicle radiators; cords of rubber; cotton wool for packing [caulking]; cylinder jointings; dielectrics [insulators]; draught excluder strips; ebonite; ebonite molds; elastic threads, other than for textile use; elastic yarns, other than for textile use; expansion joint fillers; fiberglass fabrics for insulation; fiberglass for</p>	<p>insulation; fillers for expansion joints; filtering materials [semi-processed foams or films of plastic]; fittings, not of metal, for compressed air lines; flexible hoses, not of metal; floating anti-pollution barriers; foam supports for flower arrangements [semi-finished products]; foil of regenerated cellulose, other than for wrapping; foils of metal for insulating; gaskets; glass fibers for insulation; glass wool for insulation; semi-processed plastic goods; gum, raw or semi-worked; guttapercha; hoses of textile material; insulating bands; insulating fabrics; insulating felt; insulating gloves; insulating materials; insulating oil for transformers; insulating oils; insulating paints; insulating paper; insulating plaster; insulating refractory materials; insulating tapes; insulating varnish; insulators; insulators for cables; insulators for electric mains; insulators for railway tracks; joint packings; joint packings for pipes; junctions, not of metal, for pipes; latex [rubber]; liquid rubber; lute; metal foil for insulation; mica, raw or partly processed; mineral wool [insulator]; non-conducting materials for retaining heat; packing [cushioning, stuffing] materials of rubber or plastics; padding materials of rubber or plastics; paper for electrical capacitors; pipe gaskets; pipe jackets, not of metal; pipe mufflers, not of metal; plastic fibers, other than for textile use; plastic film, other than for wrapping; plastic sheeting for agricultural purposes; plastic substances, semi-processed; reinforcing materials, not of metal, for pipes; rings of rubber; rubber,</p>
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guttapercha, gum, asbestos, mica, included in this class; rubber material for recapping tires; rubber seals for jars; rubber sleeves for protecting parts of machines; rubber solutions; rubber stoppers, included rubber stoppers for sinks; rubber, raw or semi-worked; safety curtains of asbestos; sealant compounds for joints; seals; self-adhesive tapes, other than stationery and not for medical or household purposes; sheets of regenerated cellulose, other than for wrapping; shock-absorbing buffers of rubber; slag wool [insulator]; slate asbestos; sleeves of rubber for protecting parts of machines; soldering threads of plastic; soundproofing materials; stops of rubber; stuffing of rubber or plastics; stuffing rings; substances for insulating buildings against moisture; synthetic resins, semi-processed; synthetic rubber; threads of plastic for soldering; threads of plastic materials, other than for textile use; threads of rubber, other than for textile use; valves of india-rubber or vulcanized fiber; viscose sheets, other than for wrapping; vulcanized fiber; washers of rubber or vulcanized fiber; watering hose; waterproof packings; water-tight rings; weatherstripping; weatherstripping compositions.

Class 18. Alpenstocks; animal skins; attaché cases; backpacks; bags; bags [envelopes, pouches] of leather, for packaging; bags for campers; bags for climbers; bags for sports; beach bags; bits for animals [harness]; blinders [harness]; blinkers [harness]; boxes of leather or leatherboard; boxes of

vulcanized fiber; bridles [harness]; bridoons; briefcases; business card cases; butts [parts of hides]; card cases [notecases]; cases of leather or leatherboard; casings, of leather, for plate springs; casings, of leather, for springs; cat o' nine tails; cattle skins; chain mesh purses; chamois leather, other than for cleaning purposes; chin straps, of leather; collars for animals; covers for animals; covers for horse saddles; credit card cases [wallets]; curried skins; fastenings for saddles; frames for umbrellas or parasols; fur; furniture coverings of leather; fur-skins; game bags [hunting accessories]; garment bags for travel; girths of leather; goldbeaters' skin; goods made of leather and of imitations of leather, included in this class; halters; handbag frames; handbags; harness; harness fittings; harness for animals; harness straps; harness traces; hat boxes of leather; haversacks; head-stalls; horse blankets; horse collars; horseshoes; imitation leather; key cases; kid; knee-pads for horses; leather laces; leather leads; leather leashes; leather shoulder belts; leather shoulder straps; leather straps; leather thongs; leather thread; leather trimmings for furniture; leather twist; leather, unworked or semi-worked; leatherboard; moleskin [imitation of leather]; mountaineering sticks; music cases; muzzles; net bags for shopping; nose bags [feed bags]; pads for horse saddles; parasols; parts of rubber for stirrups; pelts; pocket wallets; pouch baby carriers; purses; reins; reins for guiding children; riding saddles; rucksacks; saddle trees; saddlery; school bags;

	<p>school satchels; shopping bags; shoulder belts [straps] of leather; skins of chamois, other than for cleaning purposes; sling bags for carrying infants; slings for carrying infants; stirrup leathers; stirrups; straps for skates; straps for soldiers' equipment; straps of leather [saddlery]; suitcase handles; suitcases; tool bags, empty; traces [harness]; travelling bags; travelling sets [leatherware]; trimmings of leather for furniture; trunks [luggage]; umbrella covers; umbrella handles; umbrella or parasol ribs; umbrella rings; umbrella sticks; umbrellas; valises; valves of leather; vanity cases, not fitted; walking cane handles; walking stick handles; walking sticks; walking stick seats; wheeled shopping bags; whips.</p> <p>Class 20. Air cushions, not for medical purposes; air mattresses, not for medical purposes; air pillows, not for medical purposes; ambroid bars; ambroid plates; animal claws; animal hooves; animal horns; armchairs; baby changing mats; bakers' bread baskets; bamboo; bamboo curtains; barrel hoops, not of metal; barrels, not of metal; baskets, not of metal; bassinets; bathtub grab bars, not of metal; bead curtains for decoration; bed bases; bed casters, not of metal; bed fittings, not of metal; bedding, except linen; beds for household pets; beds; bedsteads of wood; beehives; benches [furniture]; binding screws, not of metal, for cables; bins, not of metal; bolsters; bolts, not of metal; book rests [furniture]; bottle caps, not of metal; bottle casings of wood; bottle closures, not of metal; bottle</p>	<p>fasteners, not of metal; bottle racks; boxes of wood or plastic; brush mountings; bungs, not of metal; busts of wood, wax, plaster or plastic; cabinet work; carts for computers [furniture]; cask hoops, not of metal; cask stands, not of metal; casks of wood for decanting wine; casks, not of metal; chairs [seats]; chaise lounges; chests for toys; chests of drawers; chests, not of metal; chopping blocks [tables]; clips, not of metal, for cables and pipes; closures, not of metal, for containers; clothes hangers; clothes hooks, not of metal; coat hangers; coathooks, not of metal; coatstands; coffin fittings, not of metal; coffins; collars, not of metal, for fastening pipes; comb foundations for beehives; containers, not of metal [storage, transport]; containers, not of metal, for liquid fuel; coral; corks; corks for bottles; corozo; costume stands; counters [tables]; covers for clothing [wardrobe]; cradles; crates; cupboards; curtain holders, not of textile material; curtain hooks; curtain rails; curtain rings; curtain rods; curtain rollers; curtain tie-backs; cushions; deck chairs; decorations of plastic for foodstuffs; desks; dinner wagons [furniture]; display boards; display stands; divans; dog kennels; door bells, not of metal, non-electric; door bolts, not of metal; door fittings, not of metal; door handles, not of metal; door knockers, not of metal; doors for furniture; dowels, not of metal; drafting tables; drain traps [valves] of plastic; dressing tables; dressmakers' dummies; edgings of plastic for furniture; embroidery frames; fans for personal use,</p>
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non-electric; faucets, not of metal, for casks; figurines [statuettes] of wood, wax, plaster or plastic; filing cabinets; fishing baskets; floating containers, not of metal; flower-pot pedestals; flower-stands [furniture]; fodder racks; freestanding partitions [furniture]; funerary urns; furniture; furniture casters, not of metal; furniture fittings, not of metal; furniture of metal; furniture partitions of wood; furniture shelves; garment covers [storage]; gun racks; hairdressers' chairs; hampers [baskets] for the transport of items; hand-held flagpoles, not of metal; hand-held mirrors [toilet mirrors]; handling pallets, not of metal; hat stands; head positioning pillows for babies; head-rests [furniture]; high chairs for babies; hinges, not of metal; honeycombs; hooks, not of metal, for clothes rails; horn, unworked or semi-worked; hospital beds; house numbers, not of metal, non-luminous; hydrostatic beds, not for medical purposes; identification bracelets, not of metal; identity plates, not of metal; imitation tortoiseshell; index cabinets [furniture]; indoor window blinds [shades] [furniture]; indoor window shades [furniture]; infant walkers; inflatable furniture; inflatable publicity objects; interior textile window blinds; ivory, unworked or semi-worked; jewelry organizer displays; kennels for household pets; keyboards for hanging keys; knobs, not of metal; ladders of wood or plastics; latches, not of metal; lecterns; letter boxes, not of metal or masonry; library shelves; loading gauge rods, not of metal, for railway wagons; loading pallets, not of metal;

lockers; locks, not of metal, for vehicles; locks, other than electric, not of metal; magazine racks; mannequins; massage tables; mats for infant playpens; mats, removable, for sinks; mattresses; meat safes; medicine cabinets; meerschaum; mirror tiles; mirrors [looking glasses]; mobile boarding stairs, not of metal, for passengers; mobiles [decoration]; moldings for picture frames; mooring buoys, not of metal; mother-of-pearl, unworked or semi-worked; nameplates, not of metal; nesting boxes; nesting boxes for household pets; newspaper display stands; numberplates, not of metal; nuts, not of metal; office furniture; oyster shells; packaging containers of plastic; paper blinds; partitions of wood for furniture; pegs [pins], not of metal; pet cushions; picture frame brackets; picture frames; picture rods [frames]; pillows; pins [pegs], not of metal; placards of wood or plastics; plaited straw, except matting; plastic key cards, not encoded and not magnetic; plate racks; playpens for babies; plugs [dowels], not of metal; plugs, not of metal; poles, not of metal; pulleys of plastics for blinds; racks [furniture]; rattan; reeds [plaiting materials]; reels of wood for yarn, silk, cord; reels, not of metal, non-mechanical, for flexible hoses; registration plates, not of metal; removable mats or covers for sinks; reservoirs, not of metal nor of masonry; rivets, not of metal; saw benches [furniture]; saw horses; school furniture; scratching posts for cats; screens [furniture]; screens for fireplaces [furniture]; screw

tops, not of metal, for bottles; screws, not of metal; sealing caps, not of metal, included sealing caps of plastic for sinks; seats; seats of metal; sections of wood for beehives; settees; shells; shelves for file cabinets; shelves for storage; shelves for typewriters; shoulder poles [yokes]; showcases [furniture]; sideboards; signboards of wood or plastics; silvered glass [mirrors]; slatted indoor blinds; sleeping mats; sleeping pads; sofas; split rings, not of metal, for keys; stag antlers; stair rods; stakes, not of metal, for plants or trees; standing desks; stands for calculating machines; statues of wood, wax, plaster or plastic; statuettes of wood, wax, plaster or plastic; staves of wood; step stools, not of metal; steps [ladders], not of metal; stools; straw edgings; straw mattress; straw mattresses; straw plaits; stuffed animals; stuffed birds; table tops; tables of metal; tables; tailors' dummies; tanks, not of metal nor of masonry; taps, not of metal, for casks; tea carts; tea trolleys; tent pegs, not of metal; tortoiseshell; towel dispensers, fixed, not of metal; towel dispensers, not of metal, fixed; towel stands [furniture]; transport pallets, not of metal; trays, not of metal; trestles [furniture]; trolleys [furniture]; trolleys for computers [furniture]; troughs, not of metal, for mixing mortar; typing desks; umbrella stands; valves, not of metal, other than parts of machines; vats, not of metal; vice benches [furniture]; wall plugs, not of metal; wall-mounted baby changing platforms; washstands [furniture]; water beds, not for medical purposes; water-pipe

valves of plastic; whalebone, unworked or semi-worked; wickerwork; wind chimes [decoration]; winding spools, not of metal, non-mechanical, for flexible hoses; window fittings, not of metal; wood ribbon; work benches; works of art of wood, wax, plaster or plastic; woven timber blinds [furniture]; writing desks; yellow amber.

Class 21. Abrasive pads for kitchen purposes; abrasive sponges for scrubbing the skin; aerosol dispensers, not for medical purposes; animal bristles [brushware]; apparatus for wax-polishing, non-electric; aquarium hoods; articles for cleaning purposes, included in this class; autoclaves, non-electric, for cooking; baby baths, portable; baking mats; barbecue mitts; basins [receptacles]; baskets for household purposes; basting brushes; basting spoons [cooking utensils]; beaters, non-electric; beer mugs; bird baths; birdcages; blenders, non-electric, for household purposes; boot jacks; boot trees [stretchers]; bottle openers, electric and non-electric; bottles; bowls [basins]; boxes for dispensing paper towels; boxes for sweetmeats; boxes of glass; bread baskets for household purposes; bread bins; bread boards; broom handles; brooms; brush goods; brushes; brushes for cleaning tanks and containers; brushes for footwear; buckets; buckets made of woven fabrics; buckskin for cleaning; bulb basters; busts of porcelain, ceramic, earthenware, terracotta or glass; butter dishes; butter-dish covers; buttonhooks; cabarets [trays]; cages for household pets; cake moulds; candelabra [candlesticks]; candle

extinguishers; candle jars [holders]; candle rings; candlesticks; candy boxes; car washing mitts; carboys; carpet beaters [hand instruments]; carpet sweepers; cauldrons; ceramics for household purposes; chamber pots; chamois leather for cleaning; cheese-dish covers; china ornaments; chopsticks; cinder sifters [household utensils]; cleaning instruments, hand-operated; cleaning tow; closures for pot lids; cloth for washing floors; clothes-pegs; clothes-pins; clothing stretchers; cloths for cleaning; coasters, not of paper or textile; cocktail shakers; cocktail stirrers; coffee filters, non-electric; coffee grinders, hand-operated; coffee percolators, non-electric; coffee services [tableware]; coffeepots, non-electric; coin banks; comb cases; combs; combs for animals; confectioners' decorating bags [pastry bags]; containers for household or kitchen use; cookery moulds; cookie [biscuit] cutters; cookie jars; cooking mesh bags, other than for microwaves; cooking pins of metal; cooking pot sets; cooking pots; cooking skewers of metal; cooking utensils, non-electric; coolers [ice pails]; corkscrews, electric and non-electric; cosmetic spatulas; cosmetic utensils; cotton waste for cleaning; covers for dishes; covers, not of paper, for flower pots; crockery; cruet sets for oil and vinegar; cruets; crumb trays; crushers for kitchen use, non-electric; crystal [glassware]; cups; cups of paper or plastic; currycombs; cutting boards for the kitchen; decanters; deep fryers, non-electric; demijohns; deodorizing apparatus for personal use;

dish covers; dishes; dishes for soap; dishwashing brushes; disposable table plates; drinking bottles for sports; drinking glasses; drinking horns; drinking straws; drinking troughs; drinking vessels; dripping pans; drying racks for laundry; dustbins; dusting apparatus, non-electric; dusting cloths [rags]; earthenware; earthenware saucepans; egg cups; electric brushes, except parts of machines; electric combs; electric devices for attracting and killing insects; enamelled glass, not for building; epergnes; eyebrow brushes; feather-dusters; feeding troughs; fiberglass thread, other than for textile use; fiberglass, other than for insulation or textile use; figurines of porcelain, ceramic, earthenware, terracotta or glass; fitted picnic baskets, including dishes; fitted vanity cases; flasks; flat-iron stands; floss for dental purposes; flower pots; flower-pot covers, not of paper; fly swatters; fly traps; food steamers, non-electric; fruit cups; fruit presses, non-electric, for household purposes; frying pans; funnels; furniture dusters; fused silica [semi-worked product], other than for building; garbage cans; gardening gloves; garlic presses [kitchen utensils]; glass bowls; glass bulbs [receptacles]; glass flasks [containers]; glass for vehicle windows [semi-finished product]; glass incorporating fine electrical conductors; glass jars [carboys]; glass stoppers; glass vials [receptacles]; glass wool, other than for insulation; glass, unworked or semi-worked, except building glass; glasses [receptacles];

glassware, porcelain and earthenware, included in this class; glove stretchers; gloves for household purposes; glue-pots; graters for kitchen use; griddles [cooking utensils]; gridiron supports; grill supports; grills [cooking utensils]; hair for brushes; heaters for feeding bottles, non-electric; heat-insulated containers; heat-insulated containers for beverages; hip flasks; holders for flowers and plants [flower arranging]; horse brushes; hot pots, not electrically heated; ice buckets; ice cube moulds; ice pails; indoor aquaria; indoor terrariums [plant cultivation]; indoor terrariums [vivariums]; insect traps; insulating flasks; ironing board covers, shaped; ironing boards; isothermic bags; jugs; kettles, non-electric; kitchen containers; kitchen grinders, non-electric; kitchen mitts; kitchen utensils; knife rests for the table; lamp-glass brushes; large-toothed combs for the hair; lazy susans; liqueur sets; litter boxes for pets; litter trays for pets; lunch boxes; majolica; make-up removing appliances; make-up sponges; mangers for animals; material for brush-making; menu card holders; mess-tins; mills for household purposes, hand-operated; mixing spoons [kitchen utensils]; mop wringers; mops; mosaics of glass, not for building; moulds [kitchen utensils]; mouse traps; mugs; nail brushes; napkin rings; nest eggs, artificial; noodle machines, hand-operated; nozzles for watering cans; nozzles for watering hose; opal glass; opaline glass; oven mitts; pads for cleaning; pails; painted glassware; paper plates; pastry cutters; pepper mills, hand-operated; pepper pots;

perfume burners; perfume sprayers; perfume vaporizers; pie servers; pig bristles for brush-making; piggy banks; pipettes [wine-tasters]; pitchers; plate glass [raw material]; plates to prevent milk boiling over; plungers for clearing blocked drains; polishing apparatus and machines, for household purposes, non-electric; polishing gloves; polishing leather; polishing materials for making shiny, except preparations, paper and stone; porcelain ware; portable cool boxes, non-electric; portable coolers, non-electric; pot lids; potholders; pots; pottery; poultry rings; pouring spouts; powder compacts; powder puffs; powdered glass for decoration; pressure cookers, non-electric; rags for cleaning; rails and rings for towels; rat traps; refrigerating bottles; refuse bins; rings for birds; rolling pins, domestic; roses for watering cans; salad bowls; salt cellars; salt shakers; saucepan scourers of metal; saucers; scoops for household purposes; scouring pads; scrubbing brushes; services [dishes]; shaving brush stands; shaving brushes; shoe horns; shoe trees [stretchers]; sieves [household utensils]; sifters [household utensils]; signboards of porcelain or glass; siphon bottles for carbonated water; skins of chamois for cleaning; smoke absorbers for household purposes; soap boxes; soap dispensers; soap holders; soup bowls; spatulas for kitchen use; spice sets; sponge holders; sponges for household purposes; sprinklers; sprinklers for watering flowers and plants; sprinkling devices; stands for shaving brushes; statues of porcelain, ceramic,

earthenware or glass; statuettes of porcelain, ceramic, earthenware or glass; steel wool for cleaning; stew-pans; strainers for household purposes; straws for drinking; stretchers for clothing; sugar bowls; syringes for watering flowers and plants; table napkin holders; table plates; tableware, other than knives, forks and spoons; tankards; tanks [indoor aquaria]; tar-brushes, long handled; tart scoops; tea balls; tea caddies; tea cosies; tea infusers; tea services [tableware]; tea strainers; teapots; thermally insulated containers for food; tie presses; toilet brushes; toilet cases; toilet paper dispensers; toilet paper holders; toilet sponges; toilet utensils; toothbrushes; toothbrushes, electric; toothpick holders; toothpicks; towel rails and rings; trash cans; trays for household purposes; trays of paper, for household purposes; trivets [table utensils]; trouser presses; urns; utensils for household purposes; vacuum bottles; vases; vegetable dishes; vessels of metal for making ices and iced drinks; vitreous silica fibers, other than for textile use; waffle irons, non-electric; washing boards; washtubs; waste paper baskets; water apparatus for cleaning teeth and gums; watering cans; watering devices; wax-polishing appliances, non-electric, for shoes; whisks, non-electric, for household purposes; window-boxes; wine tasters [siphons]; wool waste for cleaning; works of art of porcelain, ceramic, earthenware or glass.

Class 22.

Animal hair; awnings of synthetic materials; awnings of textile; bags [envelopes, pouches] of textile, for

packaging; belts, not of metal, for handling loads; binding thread, not of metal, for agricultural purposes; bindings, not of metal; body bags; bottle envelopes of straw; braces, not of metal, for handling loads; brattice cloth; cables, not of metal; camel hair; canvas for sails; car towing ropes; carbon fibers for textile use; carded wool; coconut fiber; cocoons; combed wool; cords for hanging pictures; cotton tow; cotton waste [flock] for padding and stuffing; covers for camouflage; down [feathers]; eiderdown; esparto grass; feathers for bedding; feathers for stuffing upholstery; fibrous gaskets for ships; fishing nets; fleece wool; flock [stuffing]; glass fibers for textile use; grasses for upholstering; hammocks; harness, not of metal, for handling loads; hemp; hemp bands; horsehair; jute; kapok; ladder tapes for Venetian blinds; ladder tapes or webbing for Venetian blinds; liber; linters; mail bags; mesh bags for washing laundry; net pens for fish farming; nets for camouflage; nets; network; outdoor blinds of textile; packing [cushioning, stuffing] materials, not of rubber, plastics, paper or cardboard; packing rope; packing string; packing, of straw, for bottles; padding materials, not of rubber, plastics, paper or cardboard; pig bristles; plastic fibers for textile use; purse seines; raffia; ramie fiber; raw cotton; raw fibrous textile; raw linen [flax]; raw or treated wool; raw silk; rope ladders; ropes; ropes, not of metal; sacks for the transport and storage of materials in bulk; sails; sails for ski sailing; sash cords; sawdust; schappe [raw silk waste];

	<p>seaweed for stuffing; sheaf-binding yarns; shorn wool; silk flock; silk waste; sisal; slings, not of metal, for handling loads; snares [nets]; straps, not of metal, for handling loads; straw for stuffing upholstery; straw wrappers for bottles; string; strips for tying-up vines; stuffing, not of rubber, plastics, paper or cardboard; tarpaulins; tents; textile fibers; thread, not of metal, for wrapping or binding; tow; twine for nets; twine made of paper; upholstery wool [stuffing]; vehicle covers, not fitted; vitreous silica fibers for textile use; wadding for filtering; wadding for padding and stuffing upholstery; wax ends; whipcord; wood shavings; wood wool; wool flock; wrapping or binding bands, not of metal.</p>	
Class 23.	<p>Chenille yarn; coir thread and yarn; cotton thread and yarn; darning thread and yarn; elastic thread and yarn for textile use; embroidery thread and yarn; fiberglass thread for textile use; hemp thread and yarn; jute thread and yarn; linen thread and yarn; rayon thread and yarn; rubber thread for textile use; sewing thread and yarn; silk thread and yarn; spun cotton; spun silk; spun thread and yarn; spun wool; thread; thread of metal for embroidery; threads of plastic materials for textile use; woollen thread and yarn; worsted; yarn.</p>	<p>cheese cloth; chenille fabric; cheviots [cloth]; cloth; cloths for removing make-up; coasters of textile; cot bumpers [bed linen]; cotton fabrics; coverings of plastic for furniture; coverlets [bedspreads]; covers [loose] for furniture; covers for cushions; crepe [fabric]; crepon; crib bumpers [bed linen]; curtain holders of textile material; curtains of textile or plastic; damask; diaper changing cloths for babies; diapered linen; dimity; door curtains; drugget; eiderdowns [down coverlets]; elastic woven material; esparto fabric; fabric for footwear; fabric of imitation animal skins; fabric, impervious to gases, for aeronautical balloons; fabrics for textile use; face towels of textile; felt; fiberglass fabrics for textile use; filtering materials of textile; fitted toilet lid covers of fabric; flags of textile or plastic; flannel [fabric]; frieze [cloth]; furniture coverings of plastic; furniture coverings of textile; fustian; gauze [cloth]; glass cloths [towels]; gummed cloth, other than for stationery purposes; haircloth [sackcloth]; handkerchiefs of textile; hat linings, of textile, in the piece; hemp cloth; hemp fabric; household linen; jersey [fabric]; jute fabric; knitted fabric; labels of textile; linen cloth; lingerie fabric; lining fabric for footwear; linings [textile]; loose covers for furniture; marabouts [cloth]; mattress covers; moleskin [fabric]; mosquito nets; net curtains; non-woven textile fabrics; oilcloth for use as tablecloths; pillow shams; pillowcases; place mats of textile; plastic material [substitute for fabrics]; printed calico cloth;</p>
Class 24.	<p>Adhesive fabric for application by heat; banners of textile or plastic; bath linen, except clothing; bath mitts; bed blankets; bed clothes; bed covers; bed covers of paper; bed linen; bedspreads; billiard cloth; bolting cloth; brocades; buckram; bunting of textile or plastic; calico; canvas for tapestry or embroidery;</p>	

<p>printers' blankets of textile; quilts; ramie fabric; rayon fabric; sanitary flannel; serviettes of textile; sheets [textile]; shower curtains of textile or plastic; shrouds; silk [cloth]; silk fabrics for printing patterns; sleeping bag liners; sleeping bags; table linen, not of paper; table napkins of textile; table runners, not of paper; tablecloths, not of paper; tablemats of textile; taffeta [cloth]; tapestry [wall hangings], of textile; textile goods, included in this class; textile material; tick [linen]; ticks [mattress covers]; towels of textile; traced cloth for embroidery; traced cloths for embroidery; travelling rugs [lap robes]; trellis [cloth]; tulle; upholstery fabrics; velvet; wall hangings of textile; woollen cloth; woollen fabric; zephyr [cloth].</p>	<p>of metal for footwear; football boots; football shoes; footmuffs, not electrically heated; footwear; footwear uppers; fur stoles; furs [clothing]; gabardines [clothing]; gaiter straps; gaiters; galoshes; garters; girdles; gloves [clothing]; gymnastic shoes; half-boots; hat frames [skeletons]; hats; headbands [clothing]; headgear for wear; heelpieces for footwear; heelpieces for stockings; heels; hoods [clothing]; hosiery; inner soles; jackets [clothing]; jerseys [clothing]; jumper dresses; jumpers [pullovers]; knickers; knitwear [clothing]; lace boots; layettes [clothing]; leg warmers; leggings [leg warmers]; leggings [trousers]; liveries; maniples; mantillas; masquerade costumes; miters [hats]; mittens; money belts [clothing]; motorists' clothing; mufflers [neck scarves]; muffs [clothing]; neck scarfs [mufflers]; neck scarves [mufflers]; neckties; non-slipping devices for footwear; outerclothing; overalls; overcoats; pajamas; panties; paper clothing; paper hats [clothing]; parkas; pelerines; pelisses; petticoats; pinafore dresses; pocket squares; pockets for clothing; ponchos; pullovers; ready-made clothing; ready-made linings [parts of clothing]; sandals; saris; sarongs; sashes for wear; scarfs; shawls; shirt fronts; shirt yokes; shirts; shoes; short-sleeve shirts; shower caps; ski boots; ski gloves; skirts; skorts; skull caps; sleep masks; slippers; slips [underclothing]; smocks; sock suspenders; socks; soles for footwear; spats; sports jerseys; sports shoes; sports singlets; stocking suspenders; stockings; studs for football boots; stuff jackets [clothing];</p>
<p>Class 25. Albs; aprons [clothing]; ascots; babies' pants [underwear]; bandanas [neckerchiefs]; bath robes; bath sandals; bath slippers; bathing caps; bathing drawers; bathing suits; bathing trunks; beach clothes; beach shoes; belts [clothing]; berets; bibs, not of paper; boas [necklets]; bodices [lingerie]; bodies [underclothing]; boot uppers; boots; boots for sports; boxer shorts; braces for clothing [suspenders]; brassieres; breeches for wear; camisoles; cap peaks; caps [headwear]; chasubles; clothing; clothing for gymnastics; clothing of imitations of leather; clothing of leather; coats; collars [clothing]; combinations [clothing]; corselets; corsets [underclothing]; cuffs; cyclists' clothing; detachable collars; dress shields; dresses; dressing gowns; ear muffs [clothing]; esparto shoes or sandals; fishing vests; fittings</p>	

Class 26.	<p>suits; suspenders; sweat-absorbent stockings; sweat-absorbent underclothing; sweat-absorbent underwear; sweaters; swimsuits; teddies [underclothing]; tee-shirts; tights; tips for footwear; togas; top hats; topcoats; trouser straps; trousers; turbans; underclothing; underpants; underwear; uniforms; valenki [felted boots]; veils [clothing]; vests; visors [headwear]; waistcoats; waterproof clothing; welts for footwear; wet suits for water-skiing; wimples; wooden shoes; wristbands [clothing].</p> <p>Appliqués [haberdashery]; arm bands [clothing accessories]; artificial fruit; artificial garlands; artificial plants, other than Christmas trees; badges for wear, not of precious metal; beads, other than for making jewelry; belt clasps; binding needles; birds' feathers [clothing accessories]; blouse fasteners; bobbins for retaining embroidery floss or wool [not parts of machines]; bobby pins; bodkins; bows for the hair; boxes for needles; braids; brassards; brooches [clothing accessories]; buckles [clothing accessories]; buttons; chenille [passementerie]; collar supports; competitors' numbers; cords for clothing; cords for trimming; corset busks; crochet hooks; crochet needles; darning lasts; darning needles; decorative articles for the hair; dress body fasteners; edgings for clothing; elastic ribbons; embroidery; expanding bands for holding sleeves; eyelets for clothing; false beards; false hems; false moustaches; fancy goods [embroidery]; fastenings for braces; fastenings for clothing; fastenings for suspenders; feathers [clothing</p>	<p>accessories]; festoons [embroidery]; frills [lacework]; frills for clothing; fringes; gold embroidery; haberdashery [dressmakers' articles], except thread; haberdashery ribbons; hair bands; hair barrettes; hair coloring caps; hair curlers, electric and non-electric, other than hand implements; hair curling papers; hair curling pins; hair extensions; hair grips; hair nets; hair pins; hair slides; hat trimmings; heat adhesive patches for decoration of textile articles [haberdashery]; heat adhesive patches for repairing textile articles; hook and pile fastening tapes; hooks [haberdashery]; hooks for corsets; human hair; knitting needles; lace; lace for edgings; lace trimmings; letters for marking linen; mica spangles; monogram tabs for marking linen; needle cases; needle cushions; needles; needles for wool combing machines; needle-threaders; numerals for marking linen; numerals or letters for marking linen; ornamental novelty badges [buttons]; orsedew [trimmings for clothing]; ostrich feathers [clothing accessories]; passementerie; picot [lace]; pin cushions; pins, other than jewellery; plaited hair; prize ribbons; rosettes [haberdashery]; rug hooks; saddlers' needles; sewing boxes; sewing needles; sewing thimbles; shoe buckles; shoe eyelets; shoe fasteners; shoe hooks; shoe laces; shoe trimmings; shoemakers' needles; shoulder pads for clothing; shuttles for making fishing nets; silver embroidery; skirt flounces; slide fasteners [zippers]; snap fasteners; spangles for clothing; tapes for curtain</p>
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- headings; tassels
[haberdashery]; tinsels
[trimmings for clothing]; top-
knots [pompoms]; toupees;
tresses of hair; trimmings for
clothing; trouser clips for
cyclists; whalebones for
corsets; wigs; woollen laces;
wreaths of artificial flowers;
zip fasteners; zip fasteners for
bags; zippers; zippers for
bags.
- Class 27. Artificial turf; automobile
carpets; bath mats; carpet
underlay; carpets; carpets for
automobiles; decorative wall
hangings, not of textile; door
mats; floor coverings;
gymnasium mats; gymnastic
mats; linoleum; mats; mats of
woven rope for ski slopes;
non-slip mats; reed mats;
rugs; textile wallpaper; vinyl
floor coverings; wall hangings
(non-textile); wallpaper.
- Class 28. Amusement machines,
automatic and coin-operated;
apparatus for games;
appliances for gymnastics;
arcade video game machines;
archery implements; artificial
fishing bait; artificial snow for
Christmas trees; ascenders
[mountaineering equipment];
backgammon games; bags
especially designed for skis
and surfboards; ball pitching
machines; balls for games;
bar-bells; baseball gloves;
bats for games; batting gloves
[accessories for games]; bells
for Christmas trees; billiard
balls; billiard cue tips; billiard
cues; billiard markers; billiard
table cushions; billiard tables;
bingo cards; bite indicators
[fishing tackle]; bite sensors
[fishing tackle]; bladders of
balls for games; board games;
bob-sleighs; body
rehabilitation apparatus;
bodyboards; body-building
apparatus; body-training
apparatus; bowling apparatus
and machinery; bows for
archery; boxing gloves;
- building blocks [toys];
building games; butterfly nets;
camouflage screens [sports
articles]; candle holders for
Christmas trees; caps for
pistols [toys]; carnival masks;
chalk for billiard cues;
checkerboards; checkers
[games]; chess games;
chessboards; chest expanders
[exercisers]; chips for
gambling; Christmas crackers
[party novelties]; Christmas
tree stands; Christmas trees of
synthetic material; clay
pigeon traps; clay pigeons
[targets]; climbers' harness;
coin-operated billiard tables;
confetti; conjuring apparatus;
controllers for game consoles;
controllers for toys; counters
[discs] for games; creels
[fishing traps]; cricket bags;
cups for dice; darts; decoys
for hunting or fishing;
detonating caps [toys]; dice;
discuses for sports; divot
repair tools [golf accessories];
dolls; dolls' beds; dolls'
clothes; dolls' feeding bottles;
dolls' houses; dolls' rooms;
dominoes; draughtboards;
draughts [games]; dumb-bells;
edges of skis; elbow guards
[sports articles]; electronic
targets; exercisers
[expanders]; fairground ride
apparatus; fencing gauntlets;
fencing gloves; fencing
masks; fencing weapons; fish
hooks; fishing lines; fishing
tackle; flippers for swimming;
floats for fishing; flying discs
[toys]; foosball tables; games;
gaming machines for
gambling; gloves for games;
golf bag carts; golf bag
trolleys; golf bags, with or
without wheels; golf clubs;
golf gloves; gut for fishing;
gut for rackets; gymnastic and
sporting articles, included in
this class; hang gliders;
harness for sailboards;
harpoon guns [sports articles];
hockey sticks; horseshoe

games; hunting game calls; ice skates; in-line roller skates; jigsaw puzzles; joysticks for video games; kaleidoscopes; kite reels; kites; knee guards [sports articles]; landing nets for anglers; lures for hunting or fishing; machines for physical exercises; mah-jong; marbles for games; marionettes; masks [playthings]; masts for sailboards; matryoshka dolls; men's athletic supporters [sports articles]; nets for sports; ninepins; novelty toys for parties; novelty toys for playing jokes; ornaments for Christmas trees, except illumination articles and confectionery; pachinkos; paintball guns [sports apparatus]; paintballs [ammunition for paintball guns] [sports apparatus]; paper party hats; paragliders; parlor games; percussion caps [toys]; pinatas; pitch mark repair tools [golf accessories]; play balloons; playing balls; playing cards; plush toys; poles for pole vaulting; portable games with liquid crystal displays; protective paddings [parts of sports suits]; punching bags; puppets; quoits; rackets; rattles [playthings]; reels for fishing; remote-controlled toy vehicles; ring games; rocking horses; rods for fishing; roller skates; rollers for stationary exercise bicycles; rosin used by athletes; roulette wheels; sailboards; scale model kits [toys]; scale model vehicles; scent lures for hunting or fishing; scooters [toys]; scratch cards for playing lottery games; seal skins [coverings for skis]; shin guards [sports articles]; shuttlecocks; skateboards; skating boots with skates attached; ski bindings; skis; skittles; skittles [games]; sleds

[sports articles]; slides [playthings]; sling shots [sports articles]; slot machines [gaming machines]; snow globes; snowboards; snowshoes; soap bubbles [toys]; sole coverings for skis; spinning tops [toys]; spring boards [sports articles]; starting blocks for sports; stationary exercise bicycles; strings for rackets; stuffed toys; surf skis; surfboard leashes; surfboards; swimming belts; swimming jackets; swimming kick boards; swimming pools [play articles]; swimming webs [flippers]; swings; tables for table tennis; targets; teddy bears; tennis ball throwing apparatus; tennis nets; theatrical masks; toy air pistols; toy figures; toy mobiles; toy models; toy pistols; toy vehicles; toys; toys for pets; trampolines; twirling batons; video game machines; water wings; waterskis; weight lifting belts [sports articles].

Class 34. Smokers' articles; absorbent paper for tobacco pipes; ashtrays for smokers; books of cigarette papers; chewing tobacco; cigar cases; cigar cutters; cigar holders; cigarette cases; cigarette filters; cigarette holders; cigarette paper; cigarette tips; cigarettes; cigarettes containing tobacco substitutes, not for medical purposes; cigarillos; cigars; electronic cigarettes; firestones; flavorings, other than essential oils, for tobacco; flavorings, other than essential oils, for use in electronic cigarettes; gas containers for cigar lighters; herbs for smoking; humidors; lighters for smokers; liquid solutions for use in electronic cigarettes; match holders; matchboxes; matches;

Class 35.	mouthpieces for cigarette holders; oral vaporizers for smokers; pipe cleaners for tobacco pipes; pipe racks for tobacco pipes; pocket machines for rolling cigarettes; snuff; snuff boxes; spittoons for tobacco users; tips of yellow amber for cigar and cigarette holders; tobacco; tobacco jars; tobacco pipes; tobacco pouches. Advertising; accounting; administrative processing of purchase orders; advertising agency services; advertising by mail order; advisory services for business management; arranging newspaper subscriptions for others; arranging subscriptions to telecommunication services for others; auctioneering; bill-posting; book-keeping; business appraisals; business auditing; business efficiency expert services; business information; business inquiries; business investigations; business management and organization consultancy; business management assistance; business management consultancy; business management for freelance service providers; business management of hotels; business management of performing artists; business management of reimbursement programs for others; business management of sports people; business organization consultancy; business project management services for construction projects; business research; commercial administration of the licensing of the goods and services of others; commercial information agency services; commercial information and advice for consumers in the choice of products and	services; commercial intermediation services; commercial or industrial management assistance; compilation of information into computer databases; compilation of statistics; computerized file management; cost price analysis; data search in computer files for others; demonstration of goods; design of advertising materials; direct mail advertising; dissemination of advertising matter; distribution of samples; document reproduction; drawing up of statements of accounts; economic forecasting; employment agency services; import-export agency services; invoicing; layout services for advertising purposes; market studies; marketing; marketing research; modelling for advertising or sales promotion; negotiation and conclusion of commercial transactions for third parties; news clipping services; office machines and equipment rental; on-line advertising on a computer network; opinion polling; organization of exhibitions for commercial or advertising purposes; organization of fashion shows for promotional purposes; organization of trade fairs for commercial or advertising purposes; outdoor advertising; outsourced administrative management for companies; outsourcing services [business assistance]; pay per click advertising; payroll preparation; personnel management consultancy; personnel recruitment; photocopying services; presentation of goods on communication media, for retail purposes; price comparison services;
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procurement services for others [purchasing goods and services for other businesses]; production of advertising films; professional business consultancy; providing business information via a web site; provision of an on-line marketplace for buyers and sellers of goods and services; provision of commercial and business contact information; psychological testing for the selection of personnel; public relations; publication of publicity texts; publicity; publicity agency services; publicity material rental; radio advertising; relocation services for businesses; rental of advertising space; rental of advertising time on communication media; rental of billboards [advertising boards]; rental of photocopying machines; rental of sales stands; rental of vending machines; retail and wholesale provided by retail stores, wholesale outlets, through mail orders catalogues or by means of electronic media, through web sites or television shopping programmes; retail services for pharmaceutical, veterinary and sanitary preparations and medical supplies; sales promotion for others; search engine optimization for sales promotion; secretarial services; shop window dressing; shorthand; sponsorship search; systemization of information into computer databases; tax filing services; tax preparation; telemarketing services; telephone answering for unavailable subscribers; television advertising; transcription of communications [office functions]; typing; updating and maintenance of data in

computer databases; updating of advertising material; web indexing for commercial or advertising purposes; web site traffic optimization; wholesale services for pharmaceutical, veterinary and sanitary preparations and medical supplies; word processing; writing of curriculum vitae for others; writing of publicity texts; writing of résumés for others.

Class 39. Air transport; aircraft rental; ambulance transport; armored-car transport; arranging of cruises; arranging of transportation for travel tours; barge transport; boat rental; boat storage; boat transport; booking of seats for travel; bottling services; bus transport; car parking; car rental; car transport; carting; chauffeur services; courier services [messages or merchandise]; delivery of goods; delivery of goods by mail order; delivery of newspapers; distribution of energy; electricity distribution; escorting of travellers; ferry-boat transport; flower delivery; franking of mail; freight [shipping of goods]; freight brokerage; freight forwarding; freighting; frozen-food locker rental; garage rental; gift wrapping; guarded transport of valuables; hauling; horse rental; ice-breaking; launching of satellites for others; lighterage services; marine transport; message delivery; motor coach rental; newspaper delivery; operating canal locks; packaging of goods; parcel delivery; parking place rental; passenger transport; physical storage of electronically stored data or documents; piloting; pleasure boat transport; portage; providing driving directions for travel

purposes; railway coach rental; railway transport; railway truck rental; refloating of ships; refrigerator rental; removal services; rental of aircraft engines; rental of diving bells; rental of diving suits; rental of freezers; rental of motor racing cars; rental of navigational systems; rental of storage containers; rental of vehicle roof racks; rental of warehouses; rental of wheelchairs; rescue operations [transport]; river transport; salvage of ships; salvaging; shipbrokerage; stevedoring; storage; storage information; storage of goods; streetcar transport; taxi transport; towing; traffic information; tram transport; transport; transport and storage of trash; transport and storage of waste; transport brokerage; transport by pipeline; transport of travellers; transport reservation; transport services for sightseeing tours; transportation information; transportation logistics; transporting furniture; travel reservation; underwater salvage; unloading cargo; vehicle breakdown towing services; vehicle rental; warehousing; water distribution; water supplying; wrapping of goods.

GALAMART DMCC, Unit ? 607, DMCC Business Centre, Level 1, Jewellery&Gemplex 3, Dubai, United Arab Emirates

Colour Claimed: Orange, green, beige, light grey.

Representative: KOVALEVA Olga Sergeevna, ul. Garibaldi, d. 6, korp. 2, kv. 131, RU-119313 Moscow, Russian Federation

International Trade Marks protected in the State

- 1426189** (2394) Cl. 36
MIP METRO Group Intellectual Property GmbH & Co. KG of Germany
- 1433896** (2394) Cl. 9
NINGBO DEGSON ELECTRONICS CO., LTD. of China
- 1434993** (2394) Cl. 6
SHANDONG JULI WELDING CO., LTD. of China
- 1436249** (2394) Cl. 11
MLS Co., LTD. of China
- 1439058** (2394) Cl. 22
Guangdong Camel apparel Co., Ltd of China
- 1469452** (2394) Cl. 36
Banca del Ceresio SA of Switzerland
- 1469460** (2394) Cl. 30
FERRERO INTERNATIONAL S.A. of Luxembourg
- 1469481** (2394) Cl. 30
FERRERO INTERNATIONAL S.A. of Luxembourg
- 1469496** (2394) Cl. 5
SANOFI of France
- 1469555** (2394) Cl. 35, 40
CGN EUROPE ENERGY (CGN EE) of France
- 1469556** (2394) Cl. 20, 24
TERMICAN Sergiu of Republic of Moldova
- 1469651** (2394) Cl. 35, 42
Skytrend of Morocco

Errata

Application for Registration of marks published under Section 43(1) of the 1996 Act following Acceptance

- 262186** In Journal Number 2402 of 08 January 2020 under the heading Application for Registration of marks published under Section 43(1) of the 1996 Act following Acceptance, Trade Mark No. 262186 was accepted in error.