



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

Iml. 98

Cill Chainnigh 12 April 2023

Uimh. 2487

CLÁR INNSTE

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Cuid I
Paitinní agus Dearachtaí

No. 2487

Wednesday, 12 April, 2023

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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

Patent Rules 1992 – Rule 77, – Office Closure

The Intellectual Property office of Ireland (IPOI) will be closed for the transaction of business on the following date:

Monday 01st May 2023

Applications for Patents From 08/03/2023 to 22/03/2023

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. Where an application has been filed pursuant to Section 127A, the filing date shall be either the date of the originating PCT filing, where applicable, or the date directed by the Controller. Where the application invokes the Paris Convention, the Convention country and priority date(s) claimed are given in square brackets. Where an application claimed the priority of an earlier application filed at this 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.

| | |
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| CHINA UNIVERSITY OF MINING AND TECHNOLOGY Method for Acquiring Spatial Distribution Map of Farmland Soil Organic Carbon 20 March 2023 [China-10 October 2022] | S20230060 |
| CHONGQING INSTITUTE OF GEOLOGY AND MINERAL RESOURCES METHOD FOR MANUFACTURING PALEONTOLOGICAL FOSSIL RUBBLINGS 16 March 2023 | S20230063 |
| FORDE, DARREN 3C (Cord,Clamp,Cut) 10 March 2023 | 20230067 |
| GATELY, PEARSE An excavator grapple attachment 13 March 2023 | 20230055 |
| GATELY, PEARSE A pipehandler attachment 13 March 2023 | 20230054 |
| GATELY, PEARSE Mobile pipe laser target 13 March 2023 | 20230056 |
| HINOJOSA PACKAGING GROUP, S.L. SAFETY CLOSURE FOR CARDBOARD BOX 14 March 2023 [Spain-23 March 2022] | S20230053 |
| HURLEY, PATRICK Offshore Ocean Wave Creation Technology for Electricity Generation 08 March 2023 | 20230051 |
| INSTITUTE OF CHEMICAL INDUSTRY OF FOREST PRODUCTS, CHINESE ACADEMY OF FORESTRY; NANJING ISLANDER NEW MATERIALS SCIENCE AND TECHNOLOGY CO., LTD WATERBORNE CREPING ADHESIVE AND ITS PREPARATION METHOD AND APPLICATION 17 March 2023 [China-26 September 2022] | S20230064 |

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| INSTITUTE OF HIGHLAND FOREST SCIENCE, CHINESE ACADEMY OF FORESTRY SIMPLE TRAP DEVICE FOR RATS IN NUTS AND ITS MANUFACTURING METHOD 15 March 2023 | S20230062 |
| MORAN, DAVID FAST-BOARD-PASS 09 March 2023 | S20230057 |
| MORAN, SUZANNE Black Cat Tattoo Balm 22 March 2023 | S20230066 |
| NJOKU CHIKA Women Shapewear 11 March 2023 | S20230058 |
| O HANLON, BERNARD LOG LIFT 13 March 2023 | S20230059 |
| PHILMAC PTY LTD A float valve with a transient mitigation function. 20 March 2023 [Australia-18 March 2022] | 20230061 |
| THE THIRD GEOLOGICAL EXPLORATION INSTITUTE OF QINGHAI PROVINCE EXPLORATION METHOD FOR SKARN-HYDROTHERMAL TYPE COPPER-TUNGSTEN POLYMETALLIC ORE IN PLATEAU DESERT AREA 13 March 2023 | S20230052 |
| WALSH, CHLOE An in built cinch constructed within clothing to cinch the waist. 20 March 2023 | S20230068 |
| ZHEJIANG ACADEMY OF FORESTRY WATER TAKING DEVICE FOR INVESTIGATION OF RIVERS, LAKES AND RESERVOIRS 22 March 2023 | S20230065 |

Applications Published Under Section 28

The following applications become open to public inspection as from the date of this issue of the journal unless otherwise specified. The date given is the date of filing of the application or the earliest priority claimed. Any application made pursuant to Section 127A, where the originating PCT application has been published under that PCT in English, is accorded the PCT publication date of that application. For these Section 127A applications, the publication date is given in bold square brackets.

| | | |
|-------------|-----------------|---|
| 2021 | 20210230 | Supertab AG, Laterpay 5G Secondary Authentication. 22 June 2020. Int. Cl. (2022.01) G06Q 20/00 . |
| 2022 | 20220156 | ILLINOIS TOOL WORKS INC., Head restraint bracket. 01 October 2021. Int. Cl. (2022.01) E04B 1/00 . |
| 2023 | 20230026 | SUPALITE TILED ROOF SYSTEMS LTD, A kit of parts for lightweight roof construction. 04 April 2022. Int. Cl. (2022.01) E04D 12/00; E04C 3/00 . |

Evidence of Novelty Published Under Section 30 (3)

The following Evidence of Novelty became open to public inspection as from the date of this issue of the journal.

| | | |
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| 2020 | 20200185 | AGS ENERGY (IRELAND) LIMITED, A GASIFICATION APPARATUS AND METHOD. 21 August 2019. Int. Cl. (2022.01) F23G 5/00; F23G 7/00 . |
|-------------|-----------------|---|

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.

- S87379** Novel mechanical foot cleansing system. Int. Cl. (2022.01) **A47K 7/00**. PAUL CARROLL 26 October 2020 (S20200246)
- 87380** A CANAL DOCKING SYSTEM. Int. Cl. (2022.01) **B63B 21/00**. ROM HYDE 15 December 2021 (20210216)
- 87381** A book covering apparatus and method. Int. Cl. (2022.01) **B42D 3/00**. DECLIM LIMITED 27 August 2019 (20190145) [European Patent Office (EPO)-04 September 2018]
- S87382** ASSEMBLY TOOLING FOR IMPELLER OF WIND TURBINE. Int. Cl. (2022.01) **F03D 13/00**. HUANENG RENEWABLES CORPORATION LIMITED HEBEI BRANCH 20 June 2022 (S20220101) [China-19 April 2022]
- 87383** A method and system for simultaneous localisation of content in multiple languages. Int. Cl. (2022.01) **G06F 17/00; G10L 15/00; G10L 21/00; G10L 25/00**. SHANE BROADBERRY; ELEANOR MANNING 10 October 2017 (20170213)
- S87384** A water cylinder for maintaining and distributing hot water. Int. Cl. (2022.01) **F24H 9/00**. JOHN DALY; GARETH MANN 16 June 2020 (S20200131)
- 87385** Bale handling apparatus. Int. Cl. (2022.01) **A01D 87/00**. AGRISPEED LTD 04 September 2017 (20170176) [United Kingdom-07 September 2016]
- 87386** A PREFABRICATED MODULAR BUILDING PANEL. Int. Cl. (2022.01) **E04B 1/00; E04C 2/00**. BURREN PRECAST CONCRETE HOLDINGS LTD 07 October 2021 (20210174) [United Kingdom-14 October 2020]
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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. 11/23, dated 15/03/2023

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|---------|---|------------|---------|------------|--------|
| 1689793 | Sun Chemical Corporation | 16/11/2004 | 1689793 | 04811223.9 | |
| 1886396 | VALEO EQUIPEMENTS ELECTRIQUES MOTEUR | 20/04/2006 | 1886396 | 06743820.0 | French |
| 2168819 | TOYOTA JIDOSHA KABUSHIKI KAISHA | 30/06/2008 | 2168819 | 08777923.7 | |
| 2284017 | Visual Physics, LLC | 22/11/2004 | 2284017 | 10014947.5 | |
| 2309828 | Heraeus Noblelight GmbH | 12/08/2010 | 2309828 | 10008407.8 | German |
| 2342760 | Bridgelux, Inc. | 23/09/2009 | 2342760 | 09816806.5 | |
| 2390900 | JEOL Ltd. | 25/05/2011 | 2390900 | 11167521.1 | |
| 2450026 | Kerr Corporation | 04/11/2011 | 2450026 | 11187937.5 | |
| 2478652 | Samsung Electronics Co., Ltd. | 17/09/2010 | 2478652 | 10817459.0 | |
| 2513482 | Eaton Intelligent Power Limited | 17/12/2010 | 2513482 | 10812894.3 | |
| 2517644 | Ethicon Endo-Surgery, Inc. | 30/04/2012 | 2517644 | 12166177.1 | |
| 2556610 | Samsung Electronics Co., Ltd. | 07/04/2011 | 2556610 | 11766171.0 | |
| 2576931 | Pacific Coast Building Products, Inc | 27/05/2010 | 2576931 | 10852307.7 | |
| 2581121 | Sony Interactive Entertainment Europe Limited | 20/09/2012 | 2581121 | 12185171.1 | |
| 2582287 | SleepIQ Labs Inc. | 09/06/2011 | 2582287 | 11796203.5 | |
| 2648767 | GE Healthcare Limited | 09/12/2011 | 2648767 | 11794725.9 | |
| 2660572 | Bizerba SE & Co. KG | 24/04/2013 | 2660572 | 13165058.2 | German |
| 2662046 | Nuvaira, Inc. | 08/05/2009 | 2662046 | 13003665.0 | |
| 2663782 | Litens Automotive Partnership | 12/01/2012 | 2663782 | 12734130.3 | |
| 2668517 | Solaredge Technologies Ltd. | 27/01/2012 | 2668517 | 12707899.6 | |
| 2685867 | Varidesk, LLC | 30/07/2012 | 2685867 | 12842684.8 | |
| 2689098 | Grant Prideco, Inc. | 12/10/2011 | 2689098 | 11779478.4 | |
| 2690204 | Mitsubishi Chemical Corporation | 21/03/2012 | 2690204 | 12760676.2 | |
| 2691209 | Saint-Gobain Abrasives, Inc. Saint-Gobain Abrasifs | 30/03/2012 | 2691209 | 12763516.7 | |
| 2698242 | The Boeing Company | 28/06/2013 | 2698242 | 13174299.1 | |

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| 2715311 | Dow Technology Investments LLC | 10/05/2012 | 2715311 | 12725914.1 | |
| 2718347 | Rimtec Corporation | 01/06/2012 | 2718347 | 12726086.7 | |
| 2727867 | Daboub, Brent A. Culp, Garry Ayala, Fred | 27/04/2012 | 2727867 | 14152772.1 | |
| 2728360 | SYSMEX CORPORATION | 29/10/2013 | 2728360 | 13190681.0 | |
| 2734823 | Roche Diagnostics Hematology, Inc. | 13/07/2012 | 2734823 | 12740808.6 | |
| 2745853 | Toray Industries, Inc. | 14/08/2012 | 2745853 | 12823447.3 | |
| 2750102 | General Electric Company | 27/12/2012 | 2750102 | 12462016.2 | |
| 2756864 | Nevro Corporation | 22/04/2010 | 2756864 | 14152029.6 | |
| 2757696 | The Boeing Company | 17/01/2014 | 2757696 | 14151650.0 | |
| 2781850 | Mitsubishi Electric Corporation | 02/10/2012 | 2781850 | 12842451.2 | |
| 2789318 | Johnson & Johnson Surgical Vision, Inc. | 25/03/2010 | 2789318 | 14164712.3 | |
| 2825576 | ARKEMA INC. | 05/02/2013 | 2825576 | 13746284.2 | |
| 2836128 | Baker Heart and Diabetes Institute | 12/04/2013 | 2836128 | 13776384.3 | |
| 2837954 | Nuctech Company Limited | 28/03/2014 | 2837954 | 14162411.4 | |
| 2840995 | Ethicon Endo-Surgery, Inc. | 15/04/2013 | 2840995 | 13721152.0 | |
| 2844302 | Novartis AG | 02/05/2013 | 2844302 | 13730648.6 | |
| 2857167 | Sunstar Suisse SA | 24/05/2013 | 2857167 | 13793707.4 | |
| 2863120 | Robert Bosch GmbH | 29/09/2014 | 2863120 | 14186733.3 | German |
| 2867554 | Reznik, Shmuel | 23/06/2013 | 2867554 | 13809248.1 | |
| 2874692 | Duke University | 17/06/2013 | 2874692 | 13875748.9 | |
| 2876418 | Fluke Electronics Corporation | 21/11/2014 | 2876418 | 14194299.5 | |
| 2878952 | Hitachi High-Tech Corporation | 08/07/2013 | 2878952 | 13823350.7 | |
| 2880494 | Nokia Technologies Oy | 05/10/2012 | 2880494 | 12885958.4 | |
| 2889729 | Microsoft Technology Licensing, LLC | 30/03/2010 | 2889729 | 15155451.6 | |
| 2906112 | The General Hospital Corporation | 14/10/2013 | 2906112 | 13846164.5 | |
| 2911645 | Unilever Global IP Limited | 30/09/2013 | 2911645 | 13767014.7 | |
| 2912239 | CPC AG | 17/09/2012 | 2912239 | 12766940.6 | German |
| 2920526 | Clean Cold Power UK Limited | 19/11/2013 | 2920526 | 13796132.2 | |
| 2936231 | Raytheon Company | 26/07/2013 | 2936231 | 13866470.1 | |
| 2936386 | Connaught Electronics Ltd. | 19/12/2013 | 2936386 | 13820763.4 | |
| 2954318 | Agilent Technologies, Inc. | 06/12/2013 | 2954318 | 13818540.0 | |
| 2986422 | KUKA Deutschland GmbH | 11/04/2014 | 2986422 | 14716607.8 | German |
| 2994612 | Schlumberger Technology B.V. | 06/05/2014 | 2994612 | 14794319.5 | |
| 2997313 | Fipak Research And Development Company | 19/05/2014 | 2997313 | 14801122.4 | |

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| 2999543 | FLSmidth A/S | 20/05/2014 | 2999543 | 14726563.1 | |
| 3004180 | Medtrade Products Limited | 29/05/2014 | 3004180 | 14736002.8 | |
| 3006703 | Mitsubishi Jidosha Kogyo Kabushiki Kaisha | 09/09/2015 | 3006703 | 15184427.1 | |
| 3006897 | Safran Electronics & Defense | 08/10/2015 | 3006897 | 15188878.1 | French |
| 3011329 | Plastic Omnium Advanced Innovation and Research | 02/06/2014 | 3011329 | 14727815.4 | |
| 3012854 | LG Energy Solution, Ltd. | 08/08/2014 | 3012854 | 14834878.2 | |
| 3024403 | Philips Image Guided Therapy Corporation | 25/07/2014 | 3024403 | 14829834.2 | |
| 3033484 | Schlumberger Technology B.V. | 23/07/2014 | 3033484 | 14836155.3 | |
| 3035492 | Geertsen, Bent | 14/08/2013 | 3035492 | 13891467.6 | |
| 3038462 | Minerva Biotechnologies Corporation | 12/08/2014 | 3038462 | 14835875.7 | |
| 3040462 | Wuhan Textile University | 15/07/2014 | 3040462 | 14841064.0 | |
| 3042169 | Leica Microsystems CMS GmbH | 03/09/2014 | 3042169 | 14758408.0 | German |
| 3042756 | Aida Engineering, Ltd. | 30/11/2015 | 3042756 | 15197012.6 | |
| 3046594 | Berlin Heart GmbH | 22/09/2014 | 3046594 | 14771346.5 | |
| 3046746 | McElroy Manufacturing, Inc. | 27/08/2014 | 3046746 | 14781330.7 | |
| 3049592 | Brand Energy Holdings B.V. | 22/09/2014 | 3049592 | 14792896.4 | |
| 3055438 | MiRus LLC | 06/10/2014 | 3055438 | 14852817.7 | |
| 3055725 | Corning Incorporated | 02/10/2014 | 3055725 | 14789926.4 | |
| 3060654 | Hemoshear, LLC | 21/10/2014 | 3060654 | 14856103.8 | |
| 3067952 | Universal Display Corporation | 20/05/2015 | 3067952 | 15168463.6 | |
| 3068551 | ACTEGA Schmid Rhyner AG | 11/11/2014 | 3068551 | 14796127.0 | German |
| 3080417 | Raytheon Technologies Corporation | 07/11/2014 | 3080417 | 14869817.8 | |
| 3081351 | KUKA Deutschland GmbH | 05/04/2016 | 3081351 | 16163812.7 | German |
| 3083158 | Massachusetts Institute of Technology | 16/12/2014 | 3083158 | 14827333.7 | |
| 3085007 | Nokia Technologies Oy | 15/12/2014 | 3085007 | 14871561.8 | |
| 3085962 | Sanyo Denki Co., Ltd. | 13/04/2016 | 3085962 | 16165162.5 | |
| 3088874 | JFE Steel Corporation | 24/12/2014 | 3088874 | 14873854.5 | |
| 3089211 | THALES | 21/04/2016 | 3089211 | 16166445.3 | French |
| 3098889 | COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES | 20/05/2016 | 3098889 | 16170547.0 | French |
| 3104065 | Valeo Vision Belgique | 07/06/2016 | 3104065 | 16173383.7 | French |
| 3119660 | Novatron Oy | 18/03/2015 | 3119660 | 15765962.4 | |
| 3129345 | Sanford-Burnham Medical Research Institute | 06/04/2015 | 3129345 | 15776318.6 | |

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| 3131504 | St. Jude Medical, Cardiology Division, Inc. | 13/04/2015 | 3131504 | 15718727.9 | |
| 3133386 | Personal Genomics, Inc. | 27/07/2016 | 3133386 | 16181375.3 | |
| 3136251 | Huawei Technologies Co. Ltd. | 19/05/2015 | 3136251 | 15796473.5 | |
| 3140858 | Soitec STMicroelectronics, Inc. | 28/04/2015 | 3140858 | 15720893.5 | |
| 3142106 | Samsung Electronics Co., Ltd. | 08/09/2016 | 3142106 | 16187723.8 | |
| 3143623 | Everspin Technologies, Inc. | 15/05/2015 | 3143623 | 15791935.8 | |
| 3146122 | Sorkin, Felix, L. | 19/05/2015 | 3146122 | 15795347.2 | |
| 3148545 | Onco Tracker, Inc. | 28/05/2015 | 3148545 | 15800211.3 | |
| 3150574 | Guangzhou Magpie Pharmaceuticals Co., Ltd. | 08/05/2015 | 3150574 | 15798914.6 | |
| 3151661 | Anticimex Innovation Center A/S | 02/06/2015 | 3151661 | 15735624.7 | |
| 3151837 | Signpath Pharma, Inc. Avanti Polar Lipids, LLC | 03/06/2015 | 3151837 | 15803421.5 | |
| 3153299 | Sekisui Chemical Co., Ltd. | 04/06/2015 | 3153299 | 15803671.5 | |
| 3154461 | Children's Hospital Medical Center of Akron | 12/06/2015 | 3154461 | 15806887.4 | |
| 3158841 | Amazonen-Werke H. Dreyer SE & Co. KG | 13/10/2016 | 3158841 | 16401068.8 | German |
| 3160920 | General Electric Company | 02/06/2015 | 3160920 | 15733950.8 | |
| 3163885 | Xiaomi Inc. | 13/05/2016 | 3163885 | 16169651.3 | |
| 3166923 | SpecGx LLC | 10/07/2015 | 3166923 | 15818168.5 | |
| 3167249 | Continental Automotive Technologies GmbH | 15/07/2015 | 3167249 | 15788333.1 | German |
| 3167364 | Harman International Industries, Incorporated | 09/07/2015 | 3167364 | 15742449.0 | |
| 3170206 | Rohm And Haas Electronic Materials Korea Ltd. | 17/07/2015 | 3170206 | 15821623.4 | |
| 3171685 | FUJI Corporation | 18/07/2014 | 3171685 | 14897802.6 | |
| 3173898 | Xiaomi Inc. | 16/11/2016 | 3173898 | 16199153.4 | |
| 3174810 | The Coca-Cola Company Bericap Holding GmbH | 31/07/2015 | 3174810 | 15826708.8 | |
| 3175440 | Hewlett-Packard Development Company, L.P. | 30/07/2014 | 3175440 | 14898456.0 | |
| 3179986 | Vectura Inc. | 31/07/2015 | 3179986 | 15827152.8 | |
| 3181283 | Illinois Tool Works Inc. | 18/10/2016 | 3181283 | 16194312.1 | |
| 3181749 | Miele & Cie. KG | 18/11/2016 | 3181749 | 16199539.4 | German |

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| 3185794 | Biomet C.v. | 27/08/2015 | 3185794 | 15760351.5 | |
| 3187768 | Trane International Inc. | 16/12/2016 | 3187768 | 16204562.9 | |
| 3188798 | Université de Bordeaux Institut National de la Santé et de la Recherche Médicale (INSERM) Centre Hospitalier Universitaire de Bordeaux | 01/09/2015 | 3188798 | 15759732.9 | French |
| 3190403 | Nikon Corporation | 02/09/2014 | 3190403 | 14901232.0 | |
| 3191372 | Graphic Packaging International Canada, ULC | 09/09/2015 | 3191372 | 15839780.2 | |
| 3191927 | Samsung Electronics Co., Ltd. | 10/09/2015 | 3191927 | 15840855.9 | |
| 3192048 | DeRoyal Industries, Inc. | 10/09/2015 | 3192048 | 15839489.0 | |
| 3193036 | Akebono Brake Industry Co., Ltd. | 20/08/2015 | 3193036 | 15833883.0 | |
| 3196612 | TLV Co., Ltd. | 15/09/2015 | 3196612 | 15841798.0 | |
| 3197372 | Arsenal Medical, Inc. Lomakin, Joseph Mortensen, Jennifer Groom, Jeffrey Marini, John Webber, Stephanie Zugates, Gregory T. | 22/09/2015 | 3197372 | 15790709.8 | |
| 3202383 | Daio Paper Corporation | 28/09/2015 | 3202383 | 15846399.2 | |
| 3205079 | Qualcomm Incorporated | 07/10/2015 | 3205079 | 15784855.7 | |
| 3209055 | Samsung Electronics Co., Ltd. | 13/10/2015 | 3209055 | 15850238.5 | |
| 3211098 | The Institute for Systems Biology Battelle Memorial Institute The Ohio State University Research Foundation | 10/11/2009 | 3211098 | 17164882.7 | |
| 3213778 | Vericel Corporation | 29/09/2003 | 3213778 | 17150192.7 | |
| 3215307 | Illinois Tool Works Inc. | 02/11/2015 | 3215307 | 15794025.5 | |
| 3221564 | General Electric Company | 16/10/2015 | 3221564 | 15787388.6 | |
| 3223303 | Toyo Tanso Co., Ltd. Kwansei Gakuin Educational Foundation | 17/11/2015 | 3223303 | 15861337.2 | |
| 3225212 | Globus Medical, Inc. | 31/03/2017 | 3225212 | 17164309.1 | |
| 3227008 | Powercell Sweden AB | 02/12/2015 | 3227008 | 15837216.9 | |
| 3227675 | Celgene Corporation Acceleron Pharma Inc. | 03/12/2015 | 3227675 | 15865213.1 | |

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| 3229729 | Avantec Vascular Corporation | 10/12/2015 | 3229729 | 15867928.2 | |
| 3229871 | Witteman, Amber Helène Tamara | 08/10/2015 | 3229871 | 15823400.5 | |
| 3230809 | Hewlett-Packard Development Company, L.P. | 24/04/2015 | 3230809 | 15720931.3 | |
| 3242197 | Huawei Technologies Co., Ltd. | 09/01/2015 | 3242197 | 15876485.2 | |
| 3244731 | Stoller Enterprises, Inc. | 14/01/2016 | 3244731 | 16737852.0 | |
| 3246097 | Senju Metal Industry Co., Ltd. | 13/01/2016 | 3246097 | 16737346.3 | |
| 3250905 | Arkema France | 26/01/2016 | 3250905 | 16701636.9 | French |
| 3252454 | Mentice AB | 25/01/2016 | 3252454 | 16709952.2 | |
| 3253976 | Nylok LLC | 03/02/2016 | 3253976 | 16707999.5 | |
| 3258159 | DROPSA S.p.A. | 06/06/2017 | 3258159 | 17174536.7 | |
| 3260362 | Beijing Xiaomi Mobile Software Co., Ltd. | 26/01/2017 | 3260362 | 17153163.5 | |
| 3260660 | MTU Aero Engines AG | 23/06/2017 | 3260660 | 17177552.1 | German |
| 3263810 | Kim, Bum Soo | 31/07/2015 | 3263810 | 15883451.5 | |
| 3264649 | GE Aviation Systems LLC | 30/06/2017 | 3264649 | 17179005.8 | |
| 3267527 | Commissariat à l'énergie atomique et aux énergies alternatives | 29/06/2017 | 3267527 | 17178773.2 | French |
| 3269664 | Zhejiang Natural Outdoor Goods Inc. | 22/07/2016 | 3269664 | 16180883.7 | |
| 3271987 | Hubbell Incorporated | 16/03/2016 | 3271987 | 16765656.0 | |
| 3273096 | e-AAM Driveline Systems AB | 14/07/2011 | 3273096 | 17188376.2 | |
| 3273468 | IMEC VZW | 18/07/2017 | 3273468 | 17181795.0 | |
| 3273894 | Biomet Manufacturing, LLC | 25/03/2016 | 3273894 | 16716995.2 | |
| 3275824 | Otis Elevator Company | 27/07/2016 | 3275824 | 16290144.1 | |
| 3277487 | Illinois Tool Works Inc. | 24/03/2016 | 3277487 | 16715686.8 | |
| 3278524 | Samsung Electronics Co., Ltd. | 23/09/2015 | 3278524 | 15887872.8 | |
| 3287659 | Hitachi Astemo, Ltd. | 21/04/2016 | 3287659 | 16783231.0 | |
| 3287706 | Mitsubishi Electric Corporation | 20/04/2016 | 3287706 | 16783198.1 | |
| 3287766 | FUJIFILM Corporation | 21/04/2016 | 3287766 | 16783239.3 | |
| 3288174 | Nissan Motor Co., Ltd. | 20/04/2015 | 3288174 | 15889825.4 | |
| 3288578 | Ironwood Pharmaceuticals, Inc. | 29/04/2016 | 3288578 | 16721609.2 | |
| 3288609 | ECP Entwicklungsgesellschaft mbH | 29/04/2016 | 3288609 | 16719427.3 | German |
| 3290043 | Saisei Pharma Co., Ltd. | 31/05/2016 | 3290043 | 16803348.8 | |
| 3290819 | Mahle International GmbH | 06/09/2016 | 3290819 | 16187349.2 | German |
| 3293554 | SCHOTT AG | 08/09/2017 | 3293554 | 17190023.6 | German |
| 3293992 | iBasis, Inc. | 08/09/2017 | 3293992 | 17190055.8 | |
| 3294714 | Nektar Therapeutics | 05/05/2016 | 3294714 | 16723889.8 | |
| 3297962 | Corning Incorporated | 17/05/2016 | 3297962 | 16725706.2 | |

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|---------|--|------------|---------|------------|--------|
| 3300884 | The Boeing Company | 26/06/2017 | 3300884 | 17177928.3 | |
| 3301476 | STMicroelectronics (Research & Development) Limited STMicroelectronics, Inc. | 28/09/2016 | 3301476 | 16191039.3 | |
| 3302499 | Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca Centro de Investigación Biomédica en Red (CIBER) | 03/06/2016 | 3302499 | 16728892.7 | |
| 3304716 | Hydra-Electric Company | 03/06/2016 | 3304716 | 16804598.7 | |
| 3304742 | Telefonaktiebolaget LM Ericsson (publ) | 13/05/2016 | 3304742 | 16722674.5 | |
| 3306576 | The Swatch Group Research and Development Ltd | 05/10/2016 | 3306576 | 16192418.8 | French |
| 3307155 | Koninklijke Philips N.V. | 31/05/2016 | 3307155 | 16726102.3 | |
| 3307824 | APG Polytech, LLC | 10/06/2016 | 3307824 | 16731473.1 | |
| 3309742 | NEC Corporation | 15/06/2016 | 3309742 | 16811650.7 | |
| 3310214 | Ging, Andrew Dennis Patrick | 20/06/2016 | 3310214 | 16745491.7 | |
| 3310911 | Danisco US Inc. | 17/06/2016 | 3310911 | 16733822.7 | |
| 3311593 | Nokia Technologies Oy | 15/06/2016 | 3311593 | 16811087.2 | |
| 3313450 | Freie Universität Berlin | 23/06/2016 | 3313450 | 16738081.5 | |
| 3314650 | Intel Corporation | 25/06/2015 | 3314650 | 15896532.7 | |
| 3316698 | Wm. Wrigley Jr. Company | 30/06/2016 | 3316698 | 16741740.1 | |
| 3317294 | Dana-Farber Cancer Institute, Inc. | 01/07/2016 | 3317294 | 16818936.3 | |
| 3318388 | SRAM, LLC | 02/11/2017 | 3318388 | 17199686.1 | |
| 3320628 | QUALCOMM Incorporated | 07/07/2016 | 3320628 | 16822008.5 | |
| 3321199 | Kewpie Corporation | 23/06/2016 | 3321199 | 16824232.9 | |
| 3322425 | Yeda Research and Development Co., Ltd. | 14/07/2016 | 3322425 | 16750269.9 | |
| 3324287 | VIA Alliance Semiconductor Co., Ltd. | 01/12/2016 | 3324287 | 16201822.0 | |
| 3325250 | 3M Innovative Properties Company | 11/07/2016 | 3325250 | 16750288.9 | |
| 3325552 | SABIC Global Technologies B.V. | 11/07/2016 | 3325552 | 16738406.4 | |
| 3326074 | Dynamic Network Services, Inc. | 21/07/2016 | 3326074 | 16828530.2 | |
| 3326683 | Toppan Printing Co., Ltd. | 13/07/2016 | 3326683 | 16827689.7 | |
| 3327412 | Seiko Epson Corporation | 28/11/2017 | 3327412 | 17203947.1 | |
| 3327896 | Beijing Xiaomi Mobile Software Co., Ltd. | 24/10/2017 | 3327896 | 17198153.3 | |
| 3329566 | R. STAHL Schaltgeräte GmbH | 05/07/2016 | 3329566 | 16735654.2 | German |
| 3329730 | Qualcomm Incorporated | 22/06/2016 | 3329730 | 16745222.6 | |
| 3330043 | Makino Milling Machine Co., Ltd. | 29/07/2015 | 3330043 | 15899658.7 | |

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| 3330706 | JSR Corporation JSR Life Sciences Corporation | 27/07/2016 | 3330706 | 16830542.3 | |
| 3337671 | Hewlett-Packard Development Company, L.P. | 18/08/2015 | 3337671 | 15901846.4 | |
| 3338839 | Terumo Kabushiki Kaisha MCPPI Innovation LLC | 19/08/2016 | 3338839 | 16837184.7 | |
| 3341228 | Tesla, Inc. | 10/08/2016 | 3341228 | 16839799.0 | |
| 3342105 | Microsoft Technology Licensing, LLC | 19/08/2016 | 3342105 | 16758031.5 | |
| 3342106 | Microsoft Technology Licensing, LLC | 23/08/2016 | 3342106 | 16758066.1 | |
| 3342624 | DENSO CORPORATION | 26/12/2017 | 3342624 | 17210573.6 | |
| 3343616 | LG Display Co., Ltd. | 19/12/2017 | 3343616 | 17208678.7 | |
| 3344103 | LG Electronics Inc. | 31/08/2016 | 3344103 | 16842257.4 | |
| 3344264 | The Brigham and Women's Hospital, Inc. | 02/09/2016 | 3344264 | 16843144.3 | |
| 3344391 | Life Technologies Corporation | 02/09/2016 | 3344391 | 16766759.1 | |
| 3345543 | Cosmotec Co., Ltd. National University Corporation Tokyo Medical and Dental University | 27/08/2016 | 3345543 | 16841761.6 | |
| 3346613 | Sony Group Corporation | 27/07/2016 | 3346613 | 16841351.6 | |
| 3347761 | Vuzix Corporation | 09/09/2016 | 3347761 | 16845206.8 | |
| 3348903 | I.C.E. AG | 08/01/2018 | 3348903 | 18020007.3 | German |
| 3349992 | Schuler Pressen GmbH | 31/08/2016 | 3349992 | 16762759.5 | German |
| 3353140 | Arkema France | 19/09/2016 | 3353140 | 16775511.5 | French |
| 3353169 | Biocon Limited | 22/09/2016 | 3353169 | 16848244.6 | |
| 3355602 | ZTE Corporation | 23/09/2016 | 3355602 | 16848162.0 | |
| 3357476 | FUJIFILM Corporation | 20/09/2016 | 3357476 | 16851264.8 | |
| 3360033 | NEC Corporation | 07/10/2015 | 3360033 | 15788338.0 | |
| 3361295 | Viavi Solutions Inc. | 24/01/2018 | 3361295 | 18153121.1 | |
| 3362779 | Cytiva Sweden AB | 12/10/2016 | 3362779 | 16779154.0 | |
| 3366204 | Koninklijke Philips N.V. | 13/06/2013 | 3366204 | 18161415.7 | |
| 3366809 | Mitsubishi Heavy Industries Machinery Systems, Ltd. | 19/10/2015 | 3366809 | 15906616.6 | |
| 3368808 | Wagner Spray Tech Corporation | 27/10/2016 | 3368808 | 16860746.3 | |
| 3369114 | LG Display Co., Ltd. | 28/10/2016 | 3369114 | 16860286.0 | |

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| 3370649 | Tricardia, LLC Schwartz, Robert S. Van Tassel, Robert A. Rowe, Stanton J. Edwards Lifesciences Corporation | 02/11/2016 | 3370649 | 16862838.6 | |
| 3371093 | Ravas Europe B.V. | 31/10/2016 | 3371093 | 16809195.7 | |
| 3376242 | Mitsubishi Electric Corporation | 24/08/2016 | 3376242 | 16863872.4 | |
| 3376945 | Rutgers, The State University of New Jersey | 12/10/2016 | 3376945 | 16866811.9 | |
| 3380107 | Antiradical Therapeutics LLC | 23/11/2016 | 3380107 | 16869267.1 | |
| 3380398 | LACE | 25/11/2016 | 3380398 | 16815600.8 | French |
| 3380848 | Continental Automotive Technologies GmbH | 25/11/2016 | 3380848 | 16809299.7 | |
| 3381120 | Renault s.a.s | 24/11/2016 | 3381120 | 16813080.5 | French |
| 3381670 | Choi, Gyeong-Bok | 21/11/2016 | 3381670 | 16868838.0 | |
| 3384416 | ASCEND HIT LLC | 03/05/2016 | 3384416 | 16871184.4 | |
| 3388540 | The Boeing Company | 05/04/2018 | 3388540 | 18165961.6 | |
| 3388904 | duagon AG | 13/04/2017 | 3388904 | 17166428.7 | |
| 3389669 | Memorial Sloan-Kettering Cancer Center | 19/12/2016 | 3389669 | 16876910.7 | |
| 3390290 | Heraeus Quarzglas GmbH & Co. KG | 16/12/2016 | 3390290 | 16812960.9 | German |
| 3390292 | Heraeus Quarzglas GmbH & Co. KG | 16/12/2016 | 3390292 | 16809873.9 | German |
| 3391295 | British Telecommunications public limited company | 09/12/2016 | 3391295 | 16808699.9 | |
| 3391451 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 12/12/2016 | 3391451 | 16809071.0 | French |
| 3392763 | Hewlett Packard Enterprise Development LP | 15/01/2018 | 3392763 | 18151585.9 | |
| 3395498 | Bunri Incorporation | 18/10/2016 | 3395498 | 16878117.7 | |
| 3398391 | Apple Inc. | 21/03/2016 | 3398391 | 16712677.0 | |
| 3399021 | GlaxoSmithKline Biologicals SA | 10/06/2011 | 3399021 | 18157689.3 | |
| 3400481 | LG Electronics Inc. | 02/01/2017 | 3400481 | 17722996.0 | |
| 3401423 | Maschinenfabrik Rieter AG | 08/05/2018 | 3401423 | 18171238.1 | German |
| 3404026 | Universidad De Chile | 29/12/2016 | 3404026 | 16880235.3 | |
| 3405361 | Razor USA LLC | 18/01/2017 | 3405361 | 17741870.4 | |
| 3406902 | Hamilton Sundstrand Corporation | 23/05/2018 | 3406902 | 18173826.1 | |
| 3407632 | Canon Kabushiki Kaisha | 10/11/2016 | 3407632 | 16886437.9 | |
| 3407953 | Chang, Alexander | 25/01/2016 | 3407953 | 16888344.5 | |

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|---------|---|------------|---------|------------|--------|
| 3408325 | Dynasol Elastómeros, S.A.de C.V. | 26/01/2017 | 3408325 | 17743790.2 | |
| 3408476 | Kiekert AG | 20/12/2016 | 3408476 | 16828926.2 | German |
| 3409041 | QUALCOMM Incorporated | 07/11/2016 | 3409041 | 16887672.0 | |
| 3409336 | Ironburg Inventions Limited | 22/05/2014 | 3409336 | 18182287.5 | |
| 3410699 | Vestel Elektronik Sanayi ve Ticaret A.S. | 01/06/2017 | 3410699 | 17173892.5 | |
| 3411103 | Intersurgical AG | 03/02/2017 | 3411103 | 17703147.3 | |
| 3413668 | Sony Group Corporation | 18/01/2017 | 3413668 | 17747192.7 | |
| 3414805 | Apple Inc. | 20/03/2017 | 3414805 | 17715317.8 | |
| 3415276 | IHI Corporation | 31/01/2017 | 3415276 | 17750126.9 | |
| 3416216 | LG Energy Solution, Ltd. | 12/09/2017 | 3416216 | 17851108.5 | |
| 3416509 | Cahan, Anthony Crawford | 19/02/2017 | 3416509 | 17754011.9 | |
| 3417269 | Anago Limited | 09/02/2017 | 3417269 | 17753557.2 | |
| 3417838 | FXF GmbH | 21/06/2018 | 3417838 | 18179184.9 | German |
| 3418674 | Hamilton Sundstrand Corporation | 25/06/2018 | 3418674 | 18179673.1 | |
| 3419273 | Seiko Epson Corporation | 20/06/2018 | 3419273 | 18178687.2 | |
| 3421126 | SOL S.p.A. | 28/06/2018 | 3421126 | 18180323.0 | |
| 3422255 | Axis AB | 30/06/2017 | 3422255 | 17178915.9 | |
| 3426724 | ExxonMobil Chemical Patents Inc. | 20/01/2017 | 3426724 | 17702505.3 | |
| 3427460 | CA, Inc. | 28/12/2016 | 3427460 | 16831553.9 | |
| 3428545 | Miele & Cie. KG | 27/06/2018 | 3428545 | 18179997.4 | German |
| 3429591 | Kura Oncology, Inc. The Regents of The University of Michigan | 15/03/2017 | 3429591 | 17767462.9 | |
| 3430810 | Nokia Technologies Oy | 14/02/2017 | 3430810 | 17765912.5 | |
| 3431032 | Globus Medical, Inc. | 20/07/2018 | 3431032 | 18184849.0 | |
| 3433060 | CMR Surgical Limited | 22/03/2017 | 3433060 | 17714533.1 | |
| 3433072 | Hewlett-Packard Development Company, L.P. | 22/07/2016 | 3433072 | 16909725.0 | |
| 3433857 | Nokia Technologies Oy | 20/03/2017 | 3433857 | 17769512.9 | |
| 3434819 | Chang, Chi-Lung | 06/06/2018 | 3434819 | 18176229.5 | |
| 3435720 | Yulong Computer Telecommunication Scientific (Shenzhen) Co., Ltd. | 31/10/2016 | 3435720 | 16895230.7 | |
| 3438852 | Samsung Electronics Co., Ltd. | 27/06/2017 | 3438852 | 17831233.6 | |
| 3439180 | ams AG | 02/08/2017 | 3439180 | 17184454.1 | |
| 3441561 | Nabrawind Technologies SL | 04/04/2016 | 3441561 | 16897792.4 | |
| 3442431 | Buffalo Filter LLC | 11/04/2017 | 3442431 | 17782984.3 | |
| 3442503 | Capsular Technologies Pty Ltd. | 11/04/2017 | 3442503 | 17781632.9 | |

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| 3442683 | Baker Hughes Holdings LLC | 28/03/2017 | 3442683 | 17782829.0 | |
| 3442821 | Clarios Germany GmbH & Co. KG Robert Bosch GmbH | 07/04/2017 | 3442821 | 17719508.8 | German |
| 3444081 | Fuji Corporation | 12/04/2016 | 3444081 | 16898574.5 | |
| 3445925 | M3S IP Pty Ltd | 21/04/2017 | 3445925 | 17785175.5 | |
| 3446049 | Johnson Controls Tyco IP Holdings LLP | 13/04/2017 | 3446049 | 17718791.1 | |
| 3446907 | ZF Friedrichshafen AG | 05/05/2011 | 3446907 | 18199565.5 | German |
| 3447474 | General Electric Company | 25/06/2018 | 3447474 | 18179533.7 | |
| 3448006 | Family Systems, Limited | 01/07/2014 | 3448006 | 18182549.8 | |
| 3448200 | Zahoransky AG | 15/02/2017 | 3448200 | 17705554.8 | German |
| 3448270 | Covidien LP | 13/07/2017 | 3448270 | 17743176.4 | |
| 3448834 | Arkema France | 24/04/2017 | 3448834 | 17724855.6 | French |
| 3450484 | Toyota Shatai Kabushiki Kaisha | 18/07/2017 | 3450484 | 17881192.3 | |
| 3451374 | TDK-Micronas GmbH | 01/09/2017 | 3451374 | 17001474.0 | |
| 3454536 | CANON KABUSHIKI KAISHA | 24/08/2018 | 3454536 | 18190651.2 | |
| 3456590 | ACPS Automotive GmbH | 14/08/2018 | 3456590 | 18188931.2 | German |
| 3456871 | Mitsubishi Materials Corporation | 09/05/2017 | 3456871 | 17796129.9 | |
| 3457467 | Eliiy Power Co., Ltd. | 12/05/2016 | 3457467 | 16901679.7 | |
| 3459858 | Hamilton Sundstrand Corporation | 24/09/2018 | 3459858 | 18196239.0 | |
| 3459887 | Bundesdruckerei GmbH | 20/09/2018 | 3459887 | 18195615.2 | German |
| 3460215 | IHI Corporation | 20/06/2017 | 3460215 | 17815391.2 | |
| 3461056 | The Boeing Company | 24/05/2018 | 3461056 | 18174169.5 | |
| 3463410 | Universitat de Lleida | 23/05/2017 | 3463410 | 17728269.6 | |
| 3463727 | Volkswagen Aktiengesellschaft Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 31/05/2017 | 3463727 | 17730699.0 | German |
| 3465997 | Telefonaktiebolaget LM Ericsson (PUBL) | 25/05/2016 | 3465997 | 16726964.6 | |
| 3466067 | Mantis Health, Inc. | 26/05/2017 | 3466067 | 17803706.5 | |
| 3466649 | General Electric Company | 14/09/2018 | 3466649 | 18194595.7 | |
| 3466704 | Toray Industries, Inc. | 19/05/2017 | 3466704 | 17802696.9 | |
| 3467552 | Viavi Solutions Inc. | 16/07/2013 | 3467552 | 18190864.1 | |
| 3467603 | OMRON CORPORATION | 10/09/2018 | 3467603 | 18193437.3 | |
| 3468083 | Huawei Technologies Co., Ltd. | 18/07/2017 | 3468083 | 17838521.7 | |
| 3473366 | Raytheon Technologies Corporation | 17/10/2018 | 3473366 | 18201046.2 | |
| 3474025 | Valeo eAutomotive France SAS | 10/10/2018 | 3474025 | 18199712.3 | French |
| 3474099 | Seiko Epson Corporation | 25/09/2018 | 3474099 | 18196510.4 | |

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| 3474373 | LS Mtron Ltd. | 25/10/2016 | 3474373 | 16906389.8 | |
| 3474697 | DARCO INTERNATIONAL, INC. | 23/06/2016 | 3474697 | 16906449.0 | |
| 3474905 | Mintie, LLC | 14/06/2017 | 3474905 | 17732708.7 | |
| 3475112 | Tesla, Inc. | 21/06/2017 | 3475112 | 17737108.5 | |
| 3475406 | CellProthera | 26/06/2017 | 3475406 | 17745796.7 | French |
| 3475548 | Scania CV AB | 30/05/2017 | 3475548 | 17815803.6 | |
| 3476073 | Qualcomm Incorporated | 02/06/2017 | 3476073 | 17731007.5 | |
| 3476535 | Wolff GmbH & Co. KG | 26/10/2017 | 3476535 | 17198520.3 | German |
| 3477407 | Dr. Johannes Heidenhain GmbH | 02/08/2018 | 3477407 | 18186994.2 | |
| 3478190 | Avinger, Inc. | 30/06/2017 | 3478190 | 17821409.4 | |
| 3479429 | Audi AG | 26/06/2017 | 3479429 | 17732449.8 | German |
| | Volkswagen AG | | | | |
| 3479964 | Koki Holdings Co., Ltd. | 26/05/2017 | 3479964 | 17819737.2 | |
| 3480003 | SKC Co., Ltd. | 02/11/2018 | 3480003 | 18204162.4 | |
| 3480130 | Yoshino Kogyosho Co., Ltd. | 09/05/2017 | 3480130 | 17819667.1 | |
| 3480150 | TRESCO AG | 25/05/2018 | 3480150 | 18174379.0 | German |
| 3484342 | Intuitive Surgical Operations, Inc. | 15/05/2017 | 3484342 | 17828110.1 | |
| 3485128 | Baker Hughes Holdings LLC | 12/07/2017 | 3485128 | 17828348.7 | |
| 3486618 | Elster Water Metering Limited | 17/04/2009 | 3486618 | 18190076.2 | |
| 3486935 | Daicel Corporation | 14/06/2017 | 3486935 | 17813359.1 | |
| 3487138 | ZTE Corporation | 18/07/2017 | 3487138 | 17830465.5 | |
| 3488101 | Siemens Gamesa Renewable Energy A/S | 10/04/2017 | 3488101 | 17717135.2 | |
| 3488525 | Fundacio per a la Universitat Oberta de Catalunya (UOC) | 22/07/2016 | 3488525 | 16745086.5 | |
| 3490376 | FMC Corporation | 28/07/2017 | 3490376 | 17835315.7 | |
| 3492082 | National Cancer Center Korea Research Institute of Chemical Technology | 27/07/2017 | 3492082 | 17834790.2 | |
| 3492132 | ResMed Motor Technologies Inc. | 27/10/2006 | 3492132 | 18209788.1 | |
| 3494620 | Siemens Industry, Inc. | 23/08/2017 | 3494620 | 17762278.4 | |
| 3495142 | CL Schutzrechtsverwaltungs GmbH | 07/12/2017 | 3495142 | 17205989.1 | |
| 3495773 | ALSTOM Transport Technologies | 06/12/2018 | 3495773 | 18210843.1 | French |
| 3497489 | Essilor International | 28/04/2017 | 3497489 | 17730919.2 | |
| 3497550 | Packsize, LLC | 11/08/2017 | 3497550 | 17840385.3 | |
| 3498609 | Airbus Operations Limited | 13/12/2018 | 3498609 | 18212221.8 | |
| 3499115 | SL Corporation | 01/08/2018 | 3499115 | 18186735.9 | |
| 3499418 | Omron Corporation | 16/10/2018 | 3499418 | 18200580.1 | |

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| 3502468 | Siemens Gamesa Renewable Energy Service GmbH | 19/12/2018 | 3502468 | 18213822.2 | German |
| 3502931 | Dassault Systèmes | 24/12/2017 | 3502931 | 17306932.9 | |
| 3503783 | Silgan Dispensing Systems Corporation | 22/08/2017 | 3503783 | 17844235.6 | |
| 3504536 | Rosemount Inc. | 02/08/2017 | 3504536 | 17844100.2 | |
| 3504756 | Phoenix Contact GmbH & Co. KG | 16/08/2017 | 3504756 | 17754344.4 | German |
| 3504806 | QUALCOMM Incorporated | 24/08/2017 | 3504806 | 17762002.8 | |
| 3505477 | Otis Elevator Company | 21/12/2018 | 3505477 | 18215145.6 | |
| 3505705 | Välinge Innovation AB | 02/11/2009 | 3505705 | 18197552.5 | |
| 3505946 | Primearth EV Energy Co., Ltd. | 17/12/2018 | 3505946 | 18213168.0 | |
| 3506706 | Huawei Technologies Co., Ltd. | 30/09/2016 | 3506706 | 16917344.0 | |
| 3506786 | Dyson Technology Limited | 17/08/2017 | 3506786 | 17757832.5 | |
| 3508161 | Beijing Surgerii Technology Co., Ltd. | 30/08/2017 | 3508161 | 17845462.5 | |
| 3508351 | Parric Ningbo Stationery And Gifts MFG. Co., Ltd. | 22/08/2017 | 3508351 | 17845286.8 | |
| 3508611 | Raytheon Technologies Corporation | 04/01/2019 | 3508611 | 19150408.3 | |
| 3509371 | Huawei Technologies Co., Ltd. | 21/09/2017 | 3509371 | 17852404.7 | |
| 3509610 | Bioimmunizer SA | 08/09/2017 | 3509610 | 17780210.5 | |
| 3509964 | Silgan Dispensing Systems Corporation | 07/09/2017 | 3509964 | 17849509.9 | |
| 3510983 | Daio Paper Corporation | 07/09/2017 | 3510983 | 17848835.9 | |
| 3512505 | Galenicum Health S.L.U. | 18/09/2017 | 3512505 | 17768140.0 | |
| 3513033 | Baker Hughes Holdings LLC | 12/09/2017 | 3513033 | 17851393.3 | |
| 3513364 | Volkswagen Aktiengesellschaft | 24/07/2017 | 3513364 | 17748438.3 | German |
| 3513753 | EyeSense GmbH | 17/01/2019 | 3513753 | 19152369.5 | German |
| 3513941 | SOLE SCANZOROSCIATE S.P.A. | 30/06/2015 | 3513941 | 19151820.8 | |
| 3514370 | General Electric Company | 08/01/2019 | 3514370 | 19150676.5 | |
| 3514503 | Melexis Technologies SA | 22/01/2019 | 3514503 | 19152945.2 | |
| 3514529 | EV Group E. Thallner GmbH | 12/11/2010 | 3514529 | 19156059.8 | German |
| 3515753 | WiTricity Corporation | 07/08/2017 | 3515753 | 17793745.5 | |
| 3515819 | Zipline International Inc. | 21/09/2017 | 3515819 | 17778126.7 | |
| 3516575 | INTEL Corporation | 21/09/2016 | 3516575 | 16779228.2 | |
| 3516865 | Amazon Technologies Inc. | 21/09/2017 | 3516865 | 17853858.3 | |
| 3517439 | Hamilton Sundstrand Corporation | 08/01/2019 | 3517439 | 19150703.7 | |
| 3517443 | Goodrich Corporation | 06/09/2016 | 3517443 | 19156261.0 | |
| 3517586 | Nitto Denko Corporation | 19/07/2017 | 3517586 | 17852670.3 | |
| 3519127 | JENOPTIK Optical Systems GmbH | 25/09/2017 | 3519127 | 17783756.4 | German |
| 3519836 | FormFactor, Inc. | 20/09/2017 | 3519836 | 17857212.9 | |
| 3521058 | Kolon Industries, Inc. | 29/09/2017 | 3521058 | 17856846.5 | |

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| 3521600 | Hitachi Astemo, Ltd. | 18/07/2017 | 3521600 | 17855369.9 | |
| 3522626 | KDDI Corporation | 21/06/2017 | 3522626 | 17855307.9 | |
| 3523118 | L&T Rubber Processing Machinery | 27/03/2018 | 3523118 | 18799604.6 | |
| 3523573 | temicon GmbH | 04/10/2017 | 3523573 | 17780710.4 | German |
| 3525988 | Ingersoll-Rand Industrial U.S., Inc. | 10/10/2017 | 3525988 | 17864349.0 | |
| 3527777 | Frank's International, LLC | 14/02/2019 | 3527777 | 19157295.7 | |
| 3528126 | Accenture Global Solutions Limited | 05/02/2019 | 3528126 | 19155467.4 | |
| 3528502 | Apple Inc. | 27/03/2015 | 3528502 | 19160560.9 | |
| 3528998 | Franz Kessler GmbH | 17/10/2017 | 3528998 | 17793592.1 | German |
| 3531878 | Hoeller Holding GmbH | 30/10/2017 | 3531878 | 17816388.7 | German |
| 3531908 | Koninklijke Philips N.V. | 23/10/2017 | 3531908 | 17793888.3 | |
| 3532653 | Safran | 19/10/2017 | 3532653 | 17794020.2 | French |
| 3532920 | Google LLC | 07/09/2018 | 3532920 | 18786451.7 | |
| 3533447 | Eagle Pharmaceuticals, Inc. | 15/03/2013 | 3533447 | 19151152.6 | |
| 3533807 | Zeon Corporation | 30/10/2017 | 3533807 | 17865850.6 | |
| 3533914 | Toray Industries, Inc. | 29/09/2017 | 3533914 | 17858314.2 | |
| 3535778 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 03/11/2017 | 3535778 | 17800912.2 | French |
| 3538187 | ConMed Corporation | 14/11/2017 | 3538187 | 17870206.4 | |
| 3538379 | Rocket Innovations, Inc. | 13/11/2017 | 3538379 | 17870191.8 | |
| 3539340 | Huawei Technologies Co., Ltd. | 08/11/2017 | 3539340 | 17871246.9 | |
| 3539800 | Tire Profiles LLC | 03/04/2015 | 3539800 | 19171692.7 | |
| 3541224 | Nike Innovate C.V. | 17/11/2017 | 3541224 | 17871048.9 | |
| 3541236 | L'OREAL | 13/11/2017 | 3541236 | 17794990.6 | |
| 3542280 | HERE Global B.V. | 17/11/2016 | 3542280 | 16805325.4 | |
| 3543284 | SUMITOMO CHEMICAL COMPANY, LIMITED | 16/11/2017 | 3543284 | 17871958.9 | |
| 3543710 | ROSEMOUNT AEROSPACE INC. | 20/03/2019 | 3543710 | 19164158.8 | |
| 3544645 | Boston Scientific Scimed Inc. | 22/09/2017 | 3544645 | 17787687.7 | |
| 3545040 | The University of Massachusetts | 19/09/2017 | 3545040 | 17853734.6 | |
| 3545476 | Sensormatic Electronics, LLC | 19/10/2017 | 3545476 | 17798027.3 | |
| 3546387 | GPI Systems AB | 25/03/2019 | 3546387 | 19164901.1 | |
| 3546758 | Daikin Industries, Ltd. | 27/12/2017 | 3546758 | 17893652.2 | |
| 3546806 | NOK Corporation | 24/11/2017 | 3546806 | 17874564.2 | |
| 3547476 | Kabushiki Kaisha Toshiba Toshiba Energy Systems & Solutions Corporation | 08/11/2017 | 3547476 | 17873589.0 | |
| 3548434 | BNNT, LLC | 29/11/2017 | 3548434 | 17876878.4 | |

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|---------|---|------------|---------|------------|--------|
| 3548573 | Equus UK Topco Ltd | 17/11/2017 | 3548573 | 17825635.0 | |
| 3550721 | Samsung Electronics Co., Ltd. | 02/04/2019 | 3550721 | 19166797.1 | |
| 3551847 | Halliburton Energy Services, Inc. | 09/12/2016 | 3551847 | 16923425.9 | |
| 3552460 | VISUS Health IT GmbH | 08/12/2017 | 3552460 | 17837947.5 | German |
| 3553923 | Panasonic Intellectual Property Management Co., Ltd. | 07/09/2017 | 3553923 | 17878979.8 | |
| 3555962 | Raytheon Company | 14/12/2017 | 3555962 | 17826059.2 | |
| 3556091 | Continental Autonomous Mobility Germany GmbH | 05/12/2017 | 3556091 | 17829120.9 | German |
| 3556407 | 3M Innovative Properties Company | 29/05/2009 | 3556407 | 19178231.7 | |
| 3556721 | Mitsubishi Logisnext Co., Ltd. | 19/12/2016 | 3556721 | 16924591.7 | |
| 3557050 | Zhejiang Windey Co., Ltd. | 03/07/2017 | 3557050 | 17881919.9 | |
| 3557364 | JTEKT CORPORATION | 15/04/2019 | 3557364 | 19169322.5 | |
| 3558407 | Biotronik AG | 19/12/2017 | 3558407 | 17816872.0 | |
| 3558430 | Boehringer Ingelheim International GmbH | 21/12/2017 | 3558430 | 17828744.7 | |
| 3558685 | Krones AG | 24/10/2017 | 3558685 | 17794281.0 | German |
| 3559109 | SABIC Global Technologies B.V. | 19/12/2017 | 3559109 | 17821608.1 | |
| 3559127 | SWIMC LLC | 21/12/2017 | 3559127 | 17882745.7 | |
| 3560239 | Microsoft Technology Licensing, LLC | 14/12/2017 | 3560239 | 17822990.2 | |
| 3561176 | Voith Patent GmbH | 27/06/2018 | 3561176 | 18180071.5 | |
| 3561197 | Flooring Industries Limited, SARL | 22/12/2009 | 3561197 | 19175669.1 | |
| 3561948 | Huawei Technologies Co., Ltd. | 13/01/2017 | 3561948 | 17891734.0 | |
| 3561955 | Kyocera Corporation | 08/12/2017 | 3561955 | 17883463.6 | |
| 3562237 | Huawei Technologies Co., Ltd. | 08/01/2018 | 3562237 | 18736007.8 | |
| 3564404 | Mimsi Materials AB Sumitomo Electric Industries, Ltd. | 28/12/2016 | 3564404 | 16924937.2 | |
| 3564458 | Hanover Prest-Paving Company, DBA Hanover Architectural Products | 29/04/2019 | 3564458 | 19171508.5 | |
| 3564545 | Profil Verbindungstechnik GmbH & Co. KG | 26/04/2019 | 3564545 | 19171239.7 | German |
| 3565240 | Panasonic Intellectual Property Management Co., Ltd. | 22/12/2017 | 3565240 | 17887634.8 | |
| 3565437 | BAE Systems PLC | 02/01/2018 | 3565437 | 18700082.3 | |
| 3565875 | TotalEnergies OneTech | 29/12/2017 | 3565875 | 17822349.1 | |
| 3566311 | Disruptive Technologies Research AS Moldsvor, Oystein | 16/03/2017 | 3566311 | 17721459.0 | |

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| 3566985 | MULTIVAC Sepp Haggenmüller SE & Co. KG | 09/04/2019 | 3566985 | 19168049.5 | German |
| 3567759 | LG Electronics Inc. | 14/12/2017 | 3567759 | 17890201.1 | |
| 3568354 | Aurora Flight Sciences Corporation | 10/01/2018 | 3568354 | 18738802.0 | |
| 3570166 | Google LLC | 15/05/2017 | 3570166 | 19182269.1 | |
| 3570565 | Oticon A/S | 13/05/2019 | 3570565 | 19174041.4 | |
| 3571529 | Shenzhen Xpectvision Technology Co., Ltd. | 23/01/2017 | 3571529 | 17892330.6 | |
| 3571546 | NeoPhotonics Corporation | 17/01/2018 | 3571546 | 18741080.8 | |
| 3571617 | Hewlett-Packard Development Company, L.P. | 20/01/2017 | 3571617 | 17892582.2 | |
| 3573192 | Hangzhou Hikvision Digital Technology Co., Ltd. | 04/01/2018 | 3573192 | 18741292.9 | |
| 3574025 | Borealis AG | 26/01/2018 | 3574025 | 18702462.5 | |
| 3574468 | Storopack Hans Reichenecker GmbH | 15/01/2018 | 3574468 | 18700886.7 | German |
| 3575432 | JFE Steel Corporation | 10/01/2018 | 3575432 | 18745297.4 | |
| 3575457 | Maschinenfabrik Rieter AG | 21/05/2019 | 3575457 | 19175519.8 | German |
| 3575595 | GE Renewable Technology Wind BV | 31/05/2018 | 3575595 | 18175352.6 | |
| 3575876 | CANON KABUSHIKI KAISHA | 29/05/2019 | 3575876 | 19177170.8 | |
| 3576085 | Samsung Electronics Co., Ltd. | 30/06/2015 | 3576085 | 19186185.5 | |
| 3576620 | NeuroSilica, Inc. | 30/01/2018 | 3576620 | 18748436.5 | |
| 3576877 | IKA - Werke GmbH & Co. KG | 01/02/2018 | 3576877 | 18703000.2 | |
| 3577363 | SEW-EURODRIVE GmbH & Co. KG | 16/01/2018 | 3577363 | 18702054.0 | German |
| 3579671 | R. STAHL Schaltgeräte GmbH | 05/06/2018 | 3579671 | 18175982.0 | German |
| 3580108 | CRRC Qingdao Sifang Co., Ltd. CG Rail - Chinesisch-Deutsches Forschungs - Und Entwicklungszentrum Für Bahn - Und Verkehrstechnik Dresden GmbH | 06/02/2018 | 3580108 | 18704507.5 | German |
| 3580109 | CRRC Qingdao Sifang Co., Ltd. CG Rail - Chinesisch-Deutsches Forschungs - Und Entwicklungszentrum Für Bahn - Und Verkehrstechnik Dresden GmbH | 08/02/2018 | 3580109 | 18704529.9 | German |
| 3580686 | InterDigital VC Holdings, Inc. | 31/01/2018 | 3580686 | 18706028.0 | |
| 3580875 | QUALCOMM Incorporated | 11/01/2018 | 3580875 | 18703393.1 | |
| 3581098 | Industry Foundation of Chonnam National University | 12/06/2019 | 3581098 | 19179586.3 | |

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|---------|---|------------|---------|------------|--------|
| 3583055 | FLSmidth A/S | 14/02/2018 | 3583055 | 18707296.2 | German |
| 3583344 | National Oilwell Varco Denmark I/S | 19/02/2018 | 3583344 | 18754619.7 | |
| 3584108 | Kubota Corporation | 15/05/2019 | 3584108 | 19174668.4 | |
| 3584265 | SAUDI ARAMCO TECHNOLOGIES COMPANY | 23/11/2011 | 3584265 | 19182670.0 | |
| 3584282 | Toray Industries, Inc. | 15/02/2018 | 3584282 | 18754917.5 | |
| 3587025 | Audi AG | 07/06/2019 | 3587025 | 19178894.2 | German |
| 3587026 | Audi AG | 07/06/2019 | 3587026 | 19178895.9 | German |
| 3587027 | Audi AG | 07/06/2019 | 3587027 | 19178896.7 | German |
| 3587440 | Zhu, Naishuo | 25/01/2018 | 3587440 | 18757780.4 | |
| 3588001 | MAHLE Aftermarket Italy S.r.l. | 21/06/2018 | 3588001 | 18178983.5 | |
| 3591491 | Nokia Technologies Oy | 02/07/2018 | 3591491 | 18181125.8 | |
| 3592117 | Shenzhen China Star Optoelectronics Technology Co., Ltd. | 17/03/2017 | 3592117 | 17898762.4 | |
| 3593921 | NSK Ltd. | 25/02/2019 | 3593921 | 19757158.1 | |
| 3593945 | Sintokogio, Ltd. | 08/05/2018 | 3593945 | 18823556.8 | |
| 3594823 | Honor Device Co., Ltd. | 18/09/2014 | 3594823 | 19176344.0 | |
| 3595774 | Koninklijke Philips N.V. | 19/03/2018 | 3595774 | 18716903.2 | |
| 3596575 | KOSTAL Automobil Elektrik GmbH & Co. KG | 13/03/2018 | 3596575 | 18713577.7 | German |
| 3597308 | Nissan Motor Co., Ltd. | 31/01/2018 | 3597308 | 18767824.8 | |
| 3597482 | Revolution IP Limited | 05/08/2011 | 3597482 | 19184318.4 | |
| 3597747 | Chugai Seiyaku Kabushiki Kaisha | 23/08/2013 | 3597747 | 19167854.9 | |
| 3597984 | Kidde Graviner Limited | 18/07/2016 | 3597984 | 19188442.8 | |
| 3598069 | Honeywell International Inc. | 16/07/2019 | 3598069 | 19186660.7 | |
| 3598967 | The Procter & Gamble Company | 26/07/2018 | 3598967 | 18185894.5 | |
| 3599629 | ALSTOM Transport Technologies | 24/07/2019 | 3599629 | 19188043.4 | French |
| 3600095 | K2M, Inc. | 27/03/2018 | 3600095 | 18775534.3 | |
| 3600185 | AMO Development, LLC | 18/04/2018 | 3600185 | 18722361.5 | |
| 3600574 | Carrier Corporation | 28/03/2018 | 3600574 | 18718075.7 | |
| 3600723 | Stratasys Ltd. | 20/03/2018 | 3600723 | 18720380.7 | |
| 3601952 | Google LLC | 14/12/2018 | 3601952 | 18833749.7 | |
| 3603023 | Citrix Systems, Inc. | 16/03/2018 | 3603023 | 18715446.3 | |
| 3603293 | Apple Inc. | 21/03/2018 | 3603293 | 18771874.7 | |
| 3603313 | Telefonaktiebolaget LM Ericsson (Publ) | 20/03/2018 | 3603313 | 18714083.5 | |
| 3603360 | Hunter, Jeff | 21/03/2017 | 3603360 | 17719870.2 | |
| 3603736 | Terumo Kabushiki Kaisha | 23/03/2018 | 3603736 | 18772351.5 | |
| 3604928 | IHI Corporation | 23/03/2018 | 3604928 | 18778133.1 | |

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| 3605378 | Concept Laser GmbH | 03/08/2018 | 3605378 | 18187347.2 | |
| 3605563 | Hitachi Metals, Ltd. | 28/03/2018 | 3605563 | 18775502.0 | |
| 3605746 | IMS Connector Systems GmbH | 28/07/2019 | 3605746 | 19188732.2 | German |
| 3605757 | Northrop Grumman Systems Corporation | 14/11/2012 | 3605757 | 19191031.4 | |
| 3607065 | Wang, Qing | 04/02/2018 | 3607065 | 18781272.2 | |
| 3607302 | Safran | 05/04/2018 | 3607302 | 18717006.3 | French |
| 3608413 | Monsanto Technology LLC | 16/05/2007 | 3608413 | 19194116.0 | |
| 3609023 | Nexans | 10/08/2018 | 3609023 | 18306096.1 | German |
| 3609337 | Intercontinental Great Brands LLC | 10/04/2018 | 3609337 | 18727418.8 | |
| 3609739 | Lotus Demolition Oy | 16/08/2017 | 3609739 | 17785516.0 | |
| 3611038 | Bridgestone Corporation | 19/03/2018 | 3611038 | 18784322.2 | |
| 3611590 | Amicro Semiconductor Co., Ltd. | 11/04/2017 | 3611590 | 17905318.6 | |
| 3612854 | Beijing Didi Infinity Technology and Development Co., Ltd. | 02/07/2018 | 3612854 | 18807549.3 | |
| 3614662 | Samsung Electronics Co., Ltd. | 30/01/2012 | 3614662 | 19197950.9 | |
| 3614763 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 15/09/2017 | 3614763 | 17925122.8 | |
| 3615347 | Muehlbauer GmbH & Co. KG | 18/04/2018 | 3615347 | 18718796.8 | German |
| 3615896 | Hero Europe S.R.L. | 24/04/2018 | 3615896 | 18735722.3 | |
| 3616274 | Weidmüller Interface GmbH & Co. KG | 24/04/2018 | 3616274 | 18720215.5 | German |
| 3616621 | Siemens Healthcare GmbH | 31/08/2018 | 3616621 | 18191913.5 | German |
| 3616848 | Koki Holdings Co., Ltd. | 30/03/2018 | 3616848 | 18791876.8 | |
| 3617721 | BSH Hausgeräte GmbH | 23/08/2019 | 3617721 | 19193371.2 | German |
| 3618579 | Sumitomo Chemical Company Limited | 20/04/2018 | 3618579 | 18791887.5 | |
| 3618801 | Unilever Global IP Limited | 17/07/2018 | 3618801 | 18742485.8 | |
| 3619465 | Volkswagen Aktiengesellschaft | 04/05/2018 | 3619465 | 18724806.7 | German |
| 3620296 | Maschinenfabrik Bermatingen GmbH & Co. KG | 10/09/2018 | 3620296 | 18193423.3 | German |
| 3621033 | COGNEX CORPORATION | 06/09/2019 | 3621033 | 19195946.9 | |
| 3621542 | Brainlab AG | 09/05/2017 | 3621542 | 17726553.5 | |
| 3622345 | Baylor University | 11/05/2018 | 3622345 | 18728288.4 | |
| 3622991 | EOVE | 02/09/2019 | 3622991 | 19194939.5 | French |
| 3623174 | Bridgestone Corporation | 15/03/2018 | 3623174 | 18797837.4 | |
| 3623237 | KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH | 11/09/2018 | 3623237 | 18193591.7 | |
| 3624235 | SK On Co., Ltd. | 06/09/2019 | 3624235 | 19196013.7 | |

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| 3624323 | Hamilton Sundstrand Corporation | 16/09/2019 | 3624323 | 19197622.4 | |
| 3624459 | Panasonic Intellectual Property Management Co., Ltd. | 27/11/2015 | 3624459 | 19207367.4 | |
| 3625106 | Siemens Mobility GmbH | 19/07/2018 | 3625106 | 18746651.1 | German |
| 3625146 | The Procter & Gamble Company | 16/05/2018 | 3625146 | 18727639.9 | |
| 3625804 | Westinghouse Electric Company Llc | 24/04/2018 | 3625804 | 18802351.9 | |
| 3626158 | SmartMedics Sp. z o.o. | 21/09/2018 | 3626158 | 18196123.6 | |
| 3626593 | maxon international ag | 21/09/2018 | 3626593 | 18196081.6 | German |
| 3626800 | SK Chemicals Co., Ltd. | 16/05/2018 | 3626800 | 18803204.9 | |
| 3627128 | ROSEMOUNT AEROSPACE INC. | 17/09/2019 | 3627128 | 19197857.6 | |
| 3627772 | Wirepas Oy | 13/09/2019 | 3627772 | 19197150.6 | |
| 3628361 | Hypno VR | 26/09/2019 | 3628361 | 19199922.6 | French |
| 3629067 | Cedes AG | 26/09/2018 | 3629067 | 18197026.0 | German |
| 3629348 | Hitachi Energy Switzerland AG | 25/09/2018 | 3629348 | 18196553.4 | |
| 3629544 | Apple Inc. | 25/09/2019 | 3629544 | 19199467.2 | |
| 3631122 | Fenwick Iribarren Architects SBP GmbH | 28/05/2018 | 3631122 | 18729613.2 | German |
| 3631285 | American Sterilizer Company | 22/03/2018 | 3631285 | 18808966.8 | |
| 3631480 | Nexans Commissariat à l'Énergie Atomique et aux Énergies Alternatives | 29/05/2018 | 3631480 | 18728854.3 | French |
| 3631636 | Advanced Micro Devices, Inc. | 25/05/2018 | 3631636 | 18733406.5 | |
| 3632393 | Allen Medical Systems, Inc. | 12/06/2017 | 3632393 | 19210984.1 | |
| 3632954 | Honshu Chemical Industry Co., Ltd. | 17/05/2018 | 3632954 | 18805324.3 | |
| 3633354 | Herbert Kannegiesser GmbH | 04/05/2016 | 3633354 | 19212233.1 | German |
| 3633743 | Nichia Corporation | 08/09/2009 | 3633743 | 19210877.7 | |
| 3634099 | Fuji Corporation | 24/05/2017 | 3634099 | 17911383.2 | |
| 3636581 | Goodrich Corporation | 11/10/2019 | 3636581 | 19202782.9 | |
| 3637556 | EPT Holding GmbH & Co. KG Phoenix Contact GmbH & Co. KG | 17/09/2019 | 3637556 | 19197715.6 | German |
| 3638358 | Cardiacs AS | 15/06/2018 | 3638358 | 18746273.4 | |
| 3638368 | Università Cattolica del Sacro Cuore | 06/06/2018 | 3638368 | 18735707.4 | |
| 3639745 | Consejo Superior de Investigaciones Científicas (CSIC) Universitat de València | 15/06/2017 | 3639745 | 17772081.0 | |
| 3639902 | Hanayama International Trading Limited | 29/05/2017 | 3639902 | 17911988.8 | |
| 3640647 | Hitachi High-Tech Corporation | 11/05/2018 | 3640647 | 18817266.2 | |

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| 3641189 | LG Electronics Inc. | 31/12/2015 | 3641189 | 19197823.8 | |
| 3641610 | Techtronic Floor Care Technology Limited | 19/06/2017 | 3641610 | 17732204.7 | |
| 3641613 | Techtronic Floor Care Technology Limited | 15/06/2018 | 3641613 | 18732146.8 | |
| 3642674 | SUSS MicroTec Solutions GmbH & Co. KG | 18/06/2018 | 3642674 | 18738170.2 | |
| 3642714 | JPMorgan Chase Bank, N.A. | 22/06/2018 | 3642714 | 18820972.0 | |
| 3643055 | Samsung Electronics Co., Ltd. | 29/08/2018 | 3643055 | 18866446.0 | |
| 3643229 | Air Liquide Medical Systems | 24/09/2019 | 3643229 | 19199096.9 | French |
| 3643401 | IFP Energies nouvelles | 14/10/2019 | 3643401 | 19203049.2 | French |
| 3644955 | The Procter & Gamble Company | 29/06/2018 | 3644955 | 18743330.5 | |
| 3645553 | Regeneron Pharmaceuticals, Inc. | 27/06/2018 | 3645553 | 18749636.9 | |
| 3646176 | Microsoft Technology Licensing, LLC | 23/05/2018 | 3646176 | 18773281.3 | |
| 3646193 | Microsoft Technology Licensing, LLC | 30/06/2017 | 3646193 | 17915830.8 | |
| 3647089 | Thermo King LLC | 28/10/2019 | 3647089 | 19205724.8 | |
| 3647481 | LG Electronics Inc. | 20/05/2016 | 3647481 | 19210029.5 | |
| 3647848 | Sony Group Corporation | 25/04/2018 | 3647848 | 18823805.9 | |
| 3648020 | Electricité de France | 10/10/2019 | 3648020 | 19202488.3 | French |
| 3648177 | LG Electronics Inc. | 31/10/2019 | 3648177 | 19206527.4 | |
| 3648276 | ABB Schweiz AG | 29/10/2018 | 3648276 | 18203078.3 | |
| 3648490 | IDEMIA France | 25/10/2019 | 3648490 | 19205402.1 | French |
| 3649123 | Merck Patent GmbH | 02/07/2018 | 3649123 | 18737229.7 | German |
| 3649700 | SAAB AB | 20/06/2018 | 3649700 | 18828092.9 | |
| 3650114 | MASCHINENBAU SCHOLZ GMBH & CO. KG | 14/10/2019 | 3650114 | 19000468.9 | German |
| 3650258 | Nissan Motor Co., Ltd. | 03/07/2017 | 3650258 | 17917209.3 | |
| 3650534 | Suzhou Biosynthetica Co., Ltd. | 05/02/2018 | 3650534 | 18828501.9 | |
| 3650786 | Qingdao Haier Joint Stock Co., Ltd | 29/06/2018 | 3650786 | 18827641.4 | |
| 3650867 | ROSEMOUNT AEROSPACE INC. | 06/11/2019 | 3650867 | 19207424.3 | |
| 3651423 | ZTE Corporation | 29/05/2018 | 3651423 | 18827949.1 | |
| 3652094 | Krones Aktiengesellschaft | 14/06/2018 | 3652094 | 18734129.2 | German |
| 3652406 | Pipe Pilot AS | 09/07/2018 | 3652406 | 18832909.8 | |
| 3652608 | Microsoft Technology Licensing, LLC | 21/06/2018 | 3652608 | 18740411.6 | |
| 3653451 | Sanoh Industrial Co., Ltd. | 09/07/2018 | 3653451 | 18831553.5 | |
| 3654118 | Samsung Electronics Co., Ltd. | 28/12/2016 | 3654118 | 19217745.9 | |
| 3655296 | KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH | 20/07/2017 | 3655296 | 17754080.4 | |

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| 3656135 | BAE Systems PLC | 10/07/2018 | 3656135 | 18739917.5 | |
| 3656310 | Wuxi Hisky Medical Technologies Co., Ltd. | 25/05/2018 | 3656310 | 18835631.5 | |
| 3656437 | Boston Scientific Scimed Inc. | 16/12/2010 | 3656437 | 19214866.6 | |
| 3656707 | Tetra Laval Holdings & Finance S.A. | 23/11/2018 | 3656707 | 18208124.0 | |
| 3657290 | Beijing Tusen Zhitu Technology Co., Ltd. | 18/09/2017 | 3657290 | 17918419.7 | |
| 3657563 | Samsung Display Co., Ltd. | 20/11/2019 | 3657563 | 19210317.4 | |
| 3659680 | Nike Innovate C.V. | 11/01/2017 | 3659680 | 20152799.1 | |
| 3659806 | OKUMA CORPORATION National University Corporation Nagoya University | 28/11/2019 | 3659806 | 19212264.6 | |
| 3660188 | Nippon Shokubai Co., Ltd. | 04/07/2018 | 3660188 | 18838961.3 | |
| 3660488 | Mazda Motor Corporation | 30/07/2018 | 3660488 | 18841516.0 | |
| 3660615 | The Boeing Company | 27/11/2019 | 3660615 | 19211955.0 | |
| 3660647 | LG Electronics Inc. | 15/01/2018 | 3660647 | 20153043.3 | |
| 3661822 | KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH | 26/07/2018 | 3661822 | 18746913.5 | German |
| 3662143 | Pierburg Pump Technology GmbH | 03/08/2017 | 3662143 | 17748748.5 | |
| 3662541 | Aptiv Technologies Limited | 19/07/2018 | 3662541 | 18840534.4 | |
| 3662841 | Biosense Webster (Israel) Ltd. | 06/12/2019 | 3662841 | 19214088.7 | |
| 3663074 | Ivoclar Vivadent AG Technische Universität Wien | 03/12/2018 | 3663074 | 18209713.9 | German |
| 3663407 | MGI Tech Co., Ltd. Complete Genomics, Inc. | 01/08/2017 | 3663407 | 17920285.8 | |
| 3664176 | BOE Technology Group Co., Ltd. Ordos Yuansheng Optoelectronics Co., Ltd. | 31/05/2018 | 3664176 | 18841622.6 | |
| 3664503 | LG Electronics Inc. | 21/08/2019 | 3664503 | 19851001.8 | |
| 3665224 | SABIC Global Technologies B.V. | 03/08/2018 | 3665224 | 18746232.0 | |
| 3665822 | Panasonic Intellectual Property Corporation of America | 09/08/2018 | 3665822 | 18749401.8 | |
| 3667389 | ZKW Group GmbH | 11/12/2018 | 3667389 | 18211672.3 | German |
| 3669312 | Liebherr-Werk Biberach GmbH | 08/10/2018 | 3669312 | 18786259.4 | German |
| 3669564 | Juniper Networks, Inc. | 16/08/2018 | 3669564 | 18846412.7 | |
| 3670197 | CANON KABUSHIKI KAISHA | 17/12/2019 | 3670197 | 19216957.1 | |
| 3670212 | Bridgestone Corporation | 06/08/2018 | 3670212 | 18845568.7 | |
| 3670406 | Siemens Aktiengesellschaft | 21/12/2018 | 3670406 | 18215495.5 | German |

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|---------|---|------------|---------|------------|--------|
| 3670407 | Tetra Laval Holdings & Finance S.A. | 16/12/2019 | 3670407 | 19216457.2 | |
| 3670804 | Isaf Bus Components S.r.l. | 21/12/2018 | 3670804 | 18215614.1 | |
| 3671045 | Koninklijke Fabriek Inventum B.V. | 20/12/2019 | 3671045 | 19218840.7 | |
| 3671848 | LG Display Co., Ltd. | 09/12/2019 | 3671848 | 19214456.6 | |
| 3672137 | Wi-LAN Inc. | 04/09/2008 | 3672137 | 20153689.3 | |
| 3673186 | SRT S.r.l. | 05/10/2018 | 3673186 | 18804385.5 | |
| 3674344 | LG Chem, Ltd. | 20/06/2019 | 3674344 | 19823312.4 | |
| 3675477 | Samsung Electronics Co., Ltd. | 19/09/2018 | 3675477 | 18857514.6 | |
| 3676327 | SABIC Global Technologies B.V. | 30/08/2018 | 3676327 | 18759121.9 | |
| 3676337 | Top Glove International SDN. BHD. | 15/05/2018 | 3676337 | 18826831.2 | |
| 3677087 | Nokia Technologies Oy | 31/08/2017 | 3677087 | 17764537.1 | |
| 3677802 | Eagle Industry Co., Ltd. | 24/08/2018 | 3677802 | 18851643.9 | |
| 3678116 | Samsung Electronics Co., Ltd. | 12/10/2018 | 3678116 | 18867134.1 | |
| 3678194 | Petalux Inc. | 10/08/2018 | 3678194 | 18850970.7 | |
| 3680187 | Guangzhou Argion Electric Appliance Co., Ltd. | 23/08/2018 | 3680187 | 18852908.5 | |
| 3680196 | Nedcon B.V. | 07/01/2020 | 3680196 | 20150414.9 | German |
| 3680405 | Geberit International AG | 11/01/2019 | 3680405 | 19151433.0 | German |
| 3680542 | The Boeing Company | 18/12/2019 | 3680542 | 19217360.7 | |
| 3680617 | GE Aviation Systems Limited | 11/01/2019 | 3680617 | 19151355.5 | |
| 3680747 | Alps Alpine Co., Ltd. | 24/04/2018 | 3680747 | 18854842.4 | |
| 3680782 | STMicroelectronics (Rousset) SAS | 06/01/2020 | 3680782 | 20150308.3 | French |
| 3682863 | Stepan Company | 08/07/2014 | 3682863 | 20160821.3 | |
| 3683527 | LG Electronics Inc. | 08/12/2015 | 3683527 | 20157192.4 | |
| 3683640 | Siemens Aktiengesellschaft | 30/09/2017 | 3683640 | 17927179.6 | |
| 3684201 | Nicoventures Trading Limited | 19/09/2018 | 3684201 | 18783370.2 | |
| 3684416 | Heidelberg Pharma Research GmbH | 24/09/2018 | 3684416 | 18773188.0 | |
| 3685989 | Konica Minolta, Inc. | 18/09/2018 | 3685989 | 18858479.1 | |
| 3686529 | AUDI AG | 24/01/2019 | 3686529 | 19153430.4 | |
| 3686618 | Sandvik Mining and Construction Oy | 28/01/2019 | 3686618 | 19153935.2 | |
| 3687178 | LG Electronics Inc. | 21/09/2018 | 3687178 | 18862956.2 | |
| 3687930 | Kone Corporation | 12/06/2018 | 3687930 | 18863725.0 | |
| 3688259 | HUF Hülbeck & Fürst GmbH & Co. KG | 19/10/2018 | 3688259 | 18789644.4 | German |
| 3688351 | Engineered Controls International, LLC | 27/09/2017 | 3688351 | 17926473.4 | |
| 3688517 | Lumus Ltd. | 08/09/2019 | 3688517 | 19765146.6 | |
| 3689305 | Evophancie Biotech Ltd. | 31/01/2020 | 3689305 | 20154906.0 | |
| 3689380 | FAES FARMA, S.A. | 05/02/2016 | 3689380 | 20163569.5 | |

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| 3689569 | MEC S.r.l. | 17/01/2020 | 3689569 | 20020028.5 | |
| 3689926 | LG CHEM, LTD. | 08/05/2019 | 3689926 | 19798869.4 | |
| 3690289 | Raytheon Technologies Corporation | 19/01/2016 | 3690289 | 20156694.0 | |
| 3690422 | Aktiebolaget SKF | 22/12/2011 | 3690422 | 20165612.1 | |
| 3690527 | LG Display Co., Ltd. | 25/07/2017 | 3690527 | 20166370.5 | |
| 3690977 | Honda Motor Co., Ltd. | 29/09/2017 | 3690977 | 17927465.9 | |
| 3691063 | YAZAKI CORPORATION | 20/12/2019 | 3691063 | 19218385.3 | |
| 3691193 | Omron Corporation | 23/08/2018 | 3691193 | 18861491.1 | |
| 3691428 | Hamilton Sundstrand Corporation | 18/11/2019 | 3691428 | 19209831.7 | |
| 3693116 | Lincoln Global, Inc. | 15/10/2019 | 3693116 | 19203389.2 | |
| 3694138 | QUALCOMM Incorporated | 09/09/2007 | 3694138 | 20167091.6 | |
| 3694196 | Samsung Electronics Co., Ltd. | 18/09/2015 | 3694196 | 20165263.3 | |
| 3694337 | General Mills, Inc. | 13/10/2017 | 3694337 | 17792245.7 | |
| 3695096 | Equinor Energy AS | 12/10/2018 | 3695096 | 18866350.4 | |
| 3695984 | Bridgestone Corporation | 30/08/2018 | 3695984 | 18866484.1 | |
| 3695985 | Bridgestone Corporation | 30/08/2018 | 3695985 | 18866784.4 | |
| 3696564 | Samsung Medison Co., Ltd. | 24/01/2020 | 3696564 | 20153658.8 | |
| 3697616 | HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. | 19/10/2017 | 3697616 | 17929268.5 | |
| 3698160 | Huawei Technologies Co., Ltd. | 26/10/2017 | 3698160 | 17791082.5 | |
| 3698983 | Bridgestone Corporation | 07/09/2018 | 3698983 | 18867986.4 | |
| 3699639 | Amazonen-Werke H. Dreyer SE & Co. KG | 17/02/2020 | 3699639 | 20401011.0 | German |
| 3701157 | A Raymond Et Cie | 11/10/2018 | 3701157 | 18789346.6 | German |
| 3701173 | EagleBurgmann Germany GmbH & Co. KG | 01/10/2018 | 3701173 | 18782045.1 | German |
| 3701229 | Micro Motion, Inc. | 24/09/2018 | 3701229 | 18871358.0 | |
| 3701528 | Huawei Technologies Co., Ltd. | 02/11/2017 | 3701528 | 17793937.8 | |
| 3702771 | Nihon Dempa Kogyo Co., Ltd. | 21/02/2020 | 3702771 | 20158650.0 | |
| 3702890 | Wacom Co., Ltd. | 16/08/2018 | 3702890 | 18870647.7 | |
| 3702906 | FUJITSU LIMITED | 15/01/2020 | 3702906 | 20151930.3 | |
| 3703210 | NR Electric Co., Ltd. NR Engineering Co., Ltd | 02/05/2018 | 3703210 | 18905615.3 | |
| 3703291 | BlackBerry Limited | 29/10/2009 | 3703291 | 20170252.9 | |
| 3703456 | LG Electronics Inc. | 15/11/2018 | 3703456 | 18878737.8 | |
| 3705098 | Unicharm Corporation | 17/12/2018 | 3705098 | 18894919.2 | |
| 3705437 | Hitachi, Ltd. | 10/10/2018 | 3705437 | 18872211.0 | |
| 3705468 | Mexichem Fluor S.A. de C.V. | 14/07/2016 | 3705468 | 20172163.6 | |

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| 3705937 | View, Inc. | 30/06/2015 | 3705937 | 20151714.1 | |
| 3706405 | VIVO MOBILE COMMUNICATION CO., LTD. | 12/11/2018 | 3706405 | 18881117.8 | |
| 3706412 | Sony Group Corporation | 17/10/2018 | 3706412 | 18874797.6 | |
| 3706635 | Koninklijke Philips N.V. | 29/10/2018 | 3706635 | 18795992.9 | |
| 3706742 | Merck Sharp & Dohme LLC Ctxt Pty Ltd | 05/11/2018 | 3706742 | 18875596.1 | |
| 3707929 | QUALCOMM Incorporated | 13/11/2018 | 3707929 | 18815423.1 | |
| 3707932 | Telecom Italia S.p.A. | 08/11/2018 | 3707932 | 18800146.5 | |
| 3708812 | Hamilton Sundstrand Corporation | 19/11/2019 | 3708812 | 19210211.9 | |
| 3708950 | Tokyo Seimitsu Co., Ltd. | 02/11/2018 | 3708950 | 18904198.1 | |
| 3709787 | Precision Planting LLC | 15/11/2018 | 3709787 | 18878838.4 | |
| 3710376 | WestRock Packaging Systems, LLC | 25/10/2018 | 3710376 | 18800013.7 | |
| 3711828 | Sony Interactive Entertainment LLC | 25/04/2007 | 3711828 | 20171774.1 | |
| 3711962 | HP Scitex Ltd | 22/03/2019 | 3711962 | 19164759.3 | |
| 3711975 | Bridgestone Corporation | 26/09/2018 | 3711975 | 18875621.7 | |
| 3711976 | Bridgestone Corporation | 26/09/2018 | 3711976 | 18876280.1 | |
| 3712227 | Samsung Display Co., Ltd. | 17/03/2020 | 3712227 | 20163506.7 | |
| 3712636 | HERE Global B.V. | 20/03/2019 | 3712636 | 19164063.0 | |
| 3712716 | ROLEX SA | 21/03/2019 | 3712716 | 19164397.2 | French |
| 3713038 | NIO (Anhui) Holding Co., Ltd. | 12/11/2018 | 3713038 | 18880023.9 | |
| 3713117 | LG Electronics Inc. | 14/11/2018 | 3713117 | 18877796.5 | |
| 3713782 | WESTFALIA - Automotive GmbH | 22/11/2018 | 3713782 | 18814793.8 | German |
| 3714440 | Photo-Me International PLC | 23/11/2018 | 3714440 | 18807628.5 | French |
| 3714990 | Guarany Indústria e Comércio Ltda. | 21/01/2020 | 3714990 | 20152940.1 | |
| 3715162 | Samsung Electronics Co., Ltd. | 02/11/2018 | 3715162 | 18887432.5 | |
| 3715427 | Mitsubishi Materials Corporation | 20/11/2018 | 3715427 | 18880940.4 | |
| 3715920 | ESSILOR INTERNATIONAL | 25/03/2019 | 3715920 | 19305371.7 | |
| 3715930 | FUJIFILM Corporation | 04/10/2018 | 3715930 | 18881610.2 | |
| 3716238 | Siemens Aktiengesellschaft | 27/03/2019 | 3716238 | 19165515.8 | German |
| 3716350 | LG Chem, Ltd. | 18/12/2018 | 3716350 | 18892314.8 | |
| 3716401 | HUAWEI TECHNOLOGIES CO., LTD. | 10/12/2018 | 3716401 | 18889444.8 | |
| 3716508 | Juniper Networks, Inc. | 18/12/2019 | 3716508 | 19217581.8 | |
| 3717037 | Dokuz Eylul Üniversitesi Rektörlüğü | 11/12/2018 | 3717037 | 18888066.0 | |
| 3717952 | Robert Bosch GmbH | 12/11/2018 | 3717952 | 18800931.0 | German |
| 3717964 | ESSILOR INTERNATIONAL | 16/10/2019 | 3717964 | 19786587.6 | |
| 3717990 | Microsoft Technology Licensing, LLC | 18/12/2018 | 3717990 | 18842686.0 | |

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| 3718692 | Rösler Holding GmbH | 03/04/2019 | 3718692 | 19167136.1 | German |
| 3718728 | Chromasens GmbH | 16/03/2020 | 3718728 | 20163315.3 | German |
| 3719060 | Kuraray Co., Ltd. | 27/11/2018 | 3719060 | 18882679.6 | |
| 3719220 | CNH Industrial Italia S.p.A. | 06/04/2020 | 3719220 | 20168289.5 | |
| 3719495 | BSH Hausgeräte GmbH | 01/04/2019 | 3719495 | 19382233.5 | |
| 3720636 | SECO Tools Tooling Systems | 30/11/2018 | 3720636 | 18808024.6 | French |
| 3721698 | Deere & Company | 03/04/2020 | 3721698 | 20167930.5 | |
| 3722685 | GD Midea Air-Conditioning Equipment Co., Ltd. Midea Group Co., Ltd. | 28/03/2019 | 3722685 | 19778418.4 | |
| 3723289 | Sumitomo Wiring Systems, Ltd. | 22/11/2018 | 3723289 | 18886768.3 | |
| 3723566 | Kohler Mira Limited | 10/12/2018 | 3723566 | 18819359.3 | |
| 3723975 | DON & LOW LIMITED | 29/11/2018 | 3723975 | 18815798.6 | |
| 3724044 | ZF CV Systems Europe BV | 10/09/2018 | 3724044 | 18769139.9 | German |
| 3724065 | Imtech GmbH & Co. KG | 10/12/2018 | 3724065 | 18816042.8 | German |
| 3724184 | Denovamed Inc. | 10/12/2018 | 3724184 | 18888743.4 | |
| 3724928 | Emberion Oy | 12/12/2018 | 3724928 | 18827144.9 | |
| 3725006 | Telefonaktiebolaget LM Ericsson (publ) | 05/12/2018 | 3725006 | 18889034.7 | |
| 3725187 | Maier, Sven Oliver | 20/03/2020 | 3725187 | 20164413.5 | German |
| 3725361 | BIOTRONIK SE & Co. KG | 24/03/2020 | 3725361 | 20165068.6 | German |
| 3725543 | Bridgestone Corporation | 31/10/2018 | 3725543 | 18889325.9 | |
| 3725791 | Harbin Zhenbao Pharmaceutical Co., Ltd. | 12/12/2018 | 3725791 | 18887717.9 | |
| 3725832 | KONICA MINOLTA, INC. | 16/03/2020 | 3725832 | 20163282.5 | |
| 3726773 | MITSUBISHI HEAVY INDUSTRIES, LTD. | 05/11/2018 | 3726773 | 18899908.0 | |
| 3726901 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 16/08/2018 | 3726901 | 18898537.8 | |
| 3727185 | ANTHOGYR | 14/12/2018 | 3727185 | 18826114.3 | French |
| 3727877 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 11/12/2018 | 3727877 | 18833466.8 | French |
| 3728262 | F. Hoffmann-La Roche AG | 17/12/2018 | 3728262 | 18830431.5 | |
| 3728488 | DuPont Electronics, Inc. | 17/12/2018 | 3728488 | 18830661.7 | |
| 3729051 | Robert Bosch GmbH | 26/11/2018 | 3729051 | 18811000.1 | German |
| 3731414 | STMicroelectronics (Rousset) SAS | 23/04/2020 | 3731414 | 20171008.4 | French |
| 3731824 | Sanovel Ilac Sanayi Ve Ticaret Anonim Sirketi | 27/12/2018 | 3731824 | 18899013.9 | |

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| 3731911 | Koninklijke Philips N.V. | 21/12/2018 | 3731911 | 18830267.3 | |
| 3732258 | Sogefi Suspensions | 28/12/2018 | 3732258 | 18842820.5 | French |
| 3733612 | Mitsubishi Materials Corporation | 27/12/2018 | 3733612 | 18894256.9 | |
| 3733613 | Mitsubishi Materials Corporation | 27/12/2018 | 3733613 | 18896143.7 | |
| 3733661 | Nihon Medi-Physics Co., Ltd National Hospital Organization | 20/12/2018 | 3733661 | 18895172.7 | |
| 3734388 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 29/04/2019 | 3734388 | 19315027.3 | |
| 3734549 | ARM Limited | 20/03/2020 | 3734549 | 20164461.4 | |
| 3735464 | KWS SAAT SE & Co. KGaA BASF SE | 31/12/2018 | 3735464 | 18827136.5 | |
| 3735585 | Christian-Albrechts-Universität zu Kiel | 03/01/2018 | 3735585 | 18705317.8 | |
| 3736161 | TOYOTA JIDOSHA KABUSHIKI KAISHA | 17/04/2020 | 3736161 | 20170023.4 | |
| 3736652 | The Boeing Company | 23/04/2020 | 3736652 | 20170993.8 | |
| 3737114 | Acer Incorporated | 16/12/2019 | 3737114 | 19216728.6 | |
| 3737263 | Julius Blum GmbH | 07/12/2018 | 3737263 | 18826485.7 | German |
| 3737402 | Pneumagen Ltd | 09/01/2019 | 3737402 | 19700991.3 | |
| 3738567 | X-CEN-TEK GmbH & Co. KG | 14/05/2020 | 3738567 | 20174818.3 | German |
| 3738602 | Fujita Academy | 28/12/2018 | 3738602 | 18899050.1 | |
| 3739367 | Japan Aviation Electronics Industry, Limited | 22/01/2019 | 3739367 | 19774556.5 | |
| 3739988 | Datang Mobile Communications Equipment Co., Ltd. | 19/12/2018 | 3739988 | 18899149.1 | |
| 3740261 | University of Pittsburgh - Of the Commonwealth System of Higher Education Mississippi State University | 15/01/2019 | 3740261 | 19741195.2 | |
| 3740309 | IFP Energies nouvelles | 02/01/2019 | 3740309 | 19700010.2 | French |
| 3740352 | Technische Universität München | 14/01/2019 | 3740352 | 19700697.6 | |
| 3741038 | Thorlabs, Inc. | 18/01/2019 | 3741038 | 19740749.7 | |
| 3741085 | Koninklijke KPN N.V. Nederlandse Organisatie voor toegepast- natuurwetenschappelijk Onderzoek TNO | 18/01/2019 | 3741085 | 19700322.1 | |
| 3741981 | Rolls-Royce Deutschland Ltd & Co KG | 21/05/2019 | 3741981 | 19175620.4 | |
| 3741988 | HONDA MOTOR CO., LTD. | 17/01/2018 | 3741988 | 18901609.0 | |
| 3742924 | NIKE Innovate C.V. | 31/05/2019 | 3742924 | 19731529.4 | |

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|---------|---|------------|---------|------------|--------|
| 3743297 | Parker-Hannifin Corporation | 24/01/2019 | 3743297 | 19704175.9 | |
| 3743416 | BASF SE | 14/01/2019 | 3743416 | 19700501.0 | |
| 3743895 | Gharb, Samy | 14/05/2020 | 3743895 | 20727384.8 | German |
| 3744777 | Sumitomo Rubber Industries, Ltd. | 23/07/2019 | 3744777 | 19841853.5 | |
| 3745223 | Fundación Tekniker | 22/01/2018 | 3745223 | 18714005.8 | |
| 3745363 | Wal Fuel Systems (Hefei) Co., Ltd. | 30/03/2020 | 3745363 | 20166628.6 | |
| 3746341 | Robert Bosch GmbH | 30/11/2018 | 3746341 | 18815139.3 | German |
| 3747057 | First Solar, Inc. | 14/01/2019 | 3747057 | 19703820.1 | |
| 3747183 | Wieth, Franz | 29/01/2019 | 3747183 | 19702847.5 | German |
| | Filosi, Andreas | | | | |
| 3747721 | Newtl (Société par Actions Simplifiée à Associé Unique) | 29/05/2020 | 3747721 | 20177293.6 | French |
| 3747836 | SHANGHAI SUPRATEC MEMBRANE TECHNOLOGY CO., LTD. | 29/01/2019 | 3747836 | 19764377.8 | |
| 3747898 | The Trustees of the University of Pennsylvania | 22/02/2013 | 3747898 | 20183978.4 | |
| 3748080 | SRT SOCIETA' A RESPONSABILITA' LIMITATA CON SOCIO UNICO | 29/04/2020 | 3748080 | 20172117.2 | |
| 3748089 | Sumitomo (S.H.I.) Construction Machinery Co., Ltd. | 30/01/2019 | 3748089 | 19747825.8 | |
| 3748790 | Artlux Inc. | 02/06/2020 | 3748790 | 20177788.5 | |
| 3748851 | Infineon Technologies AG | 07/06/2019 | 3748851 | 19178929.6 | |
| 3749020 | Telefonaktiebolaget LM Ericsson (publ) | 13/09/2017 | 3749020 | 20182863.9 | |
| 3749230 | Stryker European Operations Holdings LLC | 04/02/2019 | 3749230 | 19721416.6 | |
| 3749578 | H3 Dynamics Holdings Pte. Ltd. | 31/01/2019 | 3749578 | 19707896.7 | |
| 3749885 | Emmeti S.p.A. | 23/01/2019 | 3749885 | 19705588.2 | |
| 3750652 | AB Sandvik Coromant | 11/06/2019 | 3750652 | 19179431.2 | |
| 3751133 | Siemens Gamesa Renewable Energy A/S | 14/06/2019 | 3751133 | 19180271.9 | |
| 3751151 | ebm-papst Landshut GmbH | 17/04/2020 | 3751151 | 20170151.3 | German |
| 3751235 | Omron Corporation | 31/01/2019 | 3751235 | 19750495.4 | |
| 3751391 | Quanta Computer Inc. | 15/10/2019 | 3751391 | 19203177.1 | |
| 3753887 | SHIMA SEIKI MFG., LTD. | 16/06/2020 | 3753887 | 20180365.7 | |
| 3754241 | Shin Yueh Applied Materials Co., Ltd. | 17/06/2019 | 3754241 | 19180423.6 | |
| 3754260 | Raytheon Technologies Corporation | 16/06/2020 | 3754260 | 20180194.1 | |

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| 3755526 | Weber Schraubautomaten GmbH | 29/03/2019 | 3755526 | 19715440.4 | German |
| 3755608 | Caterpillar Inc. | 23/01/2019 | 3755608 | 19704498.5 | |
| 3755915 | Schaeffler Technologies AG & Co. KG | 22/01/2019 | 3755915 | 19705450.5 | German |
| 3756089 | Alibaba Group Holding Limited | 08/04/2019 | 3756089 | 19784398.0 | |
| 3756372 | BlackBerry Limited | 17/04/2019 | 3756372 | 19718683.6 | |
| 3756655 | Ricoh Company, Ltd. | 24/06/2020 | 3756655 | 20182096.6 | |
| 3757352 | Raytheon Technologies Corporation | 26/06/2020 | 3757352 | 20182444.8 | |
| 3757501 | Valeo Autosystemy SP. Z.O.O. | 26/06/2019 | 3757501 | 19461546.4 | |
| 3757541 | SYSMEX CORPORATION | 23/06/2020 | 3757541 | 20181609.7 | |
| 3758164 | Feller GmbH | 23/06/2020 | 3758164 | 20181617.0 | German |
| 3758463 | Fuji Corporation | 20/02/2018 | 3758463 | 18906932.1 | |
| 3759336 | Liebherr-Components Deggendorf GmbH | 27/03/2019 | 3759336 | 19715029.5 | German |
| 3759341 | Wobben Properties GmbH | 01/03/2019 | 3759341 | 19709426.1 | German |
| 3759421 | METROHM AG | 26/02/2019 | 3759421 | 19708983.2 | German |
| 3759700 | Nauto, Inc. | 27/02/2019 | 3759700 | 19760268.3 | |
| 3759854 | IEE International Electronics & Engineering S.A. Université du Luxembourg | 26/02/2019 | 3759854 | 19706672.3 | |
| 3760018 | Shuravko, Vladimir Mikhaylovich | 07/05/2020 | 3760018 | 20173402.7 | |
| 3760451 | Mühlbauer GmbH & Co. KG | 18/04/2018 | 3760451 | 20193543.4 | German |
| 3760692 | Daegu Gyeongbuk Institute of Science and Technology | 26/03/2019 | 3760692 | 19778217.0 | |
| 3761667 | LG Display Co., Ltd. | 17/08/2018 | 3761667 | 20192641.7 | |
| 3762461 | Ricoh Company, Ltd. | 28/01/2019 | 3762461 | 19704469.6 | |
| 3763601 | Daepoong Ev Motors Co., Ltd | 27/09/2018 | 3763601 | 18908569.9 | |
| 3763862 | Mitsui Chemicals, Inc. | 26/10/2018 | 3763862 | 18911499.4 | |
| 3764169 | Patek Philippe SA Genève | 10/07/2019 | 3764169 | 19185364.7 | French |
| 3764190 | The Boeing Company | 02/07/2020 | 3764190 | 20183765.5 | |
| 3766284 | Telefonaktiebolaget LM Ericsson (publ) | 16/03/2018 | 3766284 | 18714629.5 | |
| 3766458 | Maale, Gerhard E. | 31/03/2016 | 3766458 | 20195832.9 | |
| 3766539 | RaySearch Laboratories AB | 15/07/2019 | 3766539 | 19186232.5 | |
| 3767145 | Felber, Winfried | 17/07/2020 | 3767145 | 20186353.7 | German |
| 3767835 | YAZAKI CORPORATION | 30/06/2020 | 3767835 | 20183229.2 | |
| 3767932 | Tata Consultancy Services Limited | 15/07/2020 | 3767932 | 20185874.3 | |
| 3768546 | Tesla, Inc. | 19/03/2019 | 3768546 | 19721736.7 | |
| 3768783 | Rohm and Haas Company Dow Global Technologies, LLC | 14/02/2019 | 3768783 | 19707636.7 | |

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| 3769325 | Hainan Jinpan Smart Technology Co., Ltd. Siemens Aktiengesellschaft | 23/04/2018 | 3769325 | 18916785.1 | |
| 3769600 | CLAAS E-Systems GmbH | 15/04/2020 | 3769600 | 20169628.3 | German |
| 3770162 | Sumitomo Pharma Co., Ltd. | 19/03/2019 | 3770162 | 19770755.7 | |
| 3771085 | Hitachi, Ltd. | 18/01/2019 | 3771085 | 19771896.8 | |
| 3771270 | HUAWEI TECHNOLOGIES CO., LTD. | 09/05/2018 | 3771270 | 18918118.3 | |
| 3771309 | Fuji Corporation | 21/03/2018 | 3771309 | 18910891.3 | |
| 3771519 | Johannes Lübbering GmbH | 02/08/2019 | 3771519 | 19189731.3 | German |
| 3771678 | TMT Machinery, Inc. | 28/07/2020 | 3771678 | 20188112.5 | |
| 3771785 | Magiflex | 30/07/2020 | 3771785 | 20188515.9 | French |
| 3772840 | NXP B.V. | 06/08/2019 | 3772840 | 19190350.9 | |
| 3773378 | KERANOVA | 05/04/2019 | 3773378 | 19714450.4 | French |
| 3773450 | IDS RESEARCH SRL | 09/04/2019 | 3773450 | 19721141.0 | |
| 3774382 | Its Cycling Limited | 10/04/2019 | 3774382 | 19718824.6 | |
| 3774614 | ImerTech SAS | 09/04/2019 | 3774614 | 19715127.7 | |
| 3775660 | Corning Incorporated | 02/04/2019 | 3775660 | 19717712.4 | |
| 3775747 | Microsoft Technology Licensing, LLC | 06/05/2019 | 3775747 | 19724698.6 | |
| 3776108 | QUALCOMM Incorporated | 06/04/2019 | 3776108 | 19719015.0 | |
| 3776454 | Continental Automotive Technologies GmbH | 03/04/2019 | 3776454 | 19716848.7 | German |
| 3777747 | Sound Wave Innovation Co., Ltd. | 28/03/2019 | 3777747 | 19776260.2 | |
| 3778185 | NISSEI ASB MACHINE CO., LTD. | 01/04/2019 | 3778185 | 19780634.2 | |
| 3778551 | SUMITOMO CHEMICAL COMPANY LIMITED | 27/03/2019 | 3778551 | 19774386.7 | |
| 3779091 | VKR Holding A/S | 03/02/2020 | 3779091 | 20155248.6 | |
| 3780124 | Ultradent Products, Inc. | 29/12/2009 | 3780124 | 20197181.9 | |
| 3780302 | Nuvoton Technology Corporation Japan | 28/01/2019 | 3780302 | 19776416.0 | |
| 3781327 | Dürr Systems AG | 15/04/2019 | 3781327 | 19718653.9 | German |
| 3782183 | Tata Steel Nederland Technology B.V. | 17/04/2019 | 3782183 | 19717330.5 | |
| 3782933 | Jungheinrich Aktiengesellschaft | 23/08/2019 | 3782933 | 19193382.9 | German |
| 3783358 | THE NISSHIN OILIO GROUP, LTD. | 01/04/2019 | 3783358 | 19782219.0 | |
| 3783600 | Roland Corporation | 19/04/2018 | 3783600 | 18915293.7 | |
| 3784198 | Medicasafe, Inc. | 10/04/2019 | 3784198 | 19793072.0 | |
| 3784714 | Elantas Beck India Ltd. Elantas GmbH | 25/04/2019 | 3784714 | 19718418.7 | |

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|---------|---|------------|---------|------------|--------|
| 3785521 | Maschinenfabrik Bernard Krone GmbH & Co. KG | 20/08/2020 | 3785521 | 20000301.0 | German |
| 3785704 | HLB Pharmaceutical Co., Ltd | 22/04/2019 | 3785704 | 19793561.2 | |
| 3785919 | Seiko Epson Corporation | 27/08/2020 | 3785919 | 20193043.5 | |
| 3786525 | Collins Engine Nozzles, Inc. | 15/11/2016 | 3786525 | 20194919.5 | |
| 3786600 | Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) | 25/03/2019 | 3786600 | 19791476.5 | |
| 3787908 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 02/05/2019 | 3787908 | 19728487.0 | French |
| 3788289 | Cejn AB | 30/04/2018 | 3788289 | 18721758.3 | |
| 3789139 | JEOL Ltd. | 07/09/2020 | 3789139 | 20194892.4 | |
| 3789203 | Toshiba TEC Kabushiki Kaisha | 21/08/2020 | 3789203 | 20192051.9 | |
| 3789499 | Streck, Inc. | 13/02/2013 | 3789499 | 20197453.2 | |
| 3789821 | Beijing Xiaomi Mobile Software Co., Ltd. | 17/01/2020 | 3789821 | 20152540.9 | |
| 3790064 | United Microelectronics Corp. | 14/05/2020 | 3790064 | 20174589.0 | |
| 3790141 | Thermo King LLC | 09/09/2020 | 3790141 | 20195218.1 | |
| 3790231 | Koninklijke KPN N.V. | 31/08/2020 | 3790231 | 20193541.8 | |
| 3790759 | Siemens Mobility GmbH | 19/08/2019 | 3790759 | 19761774.9 | German |
| 3790874 | Bayer Animal Health GmbH | 07/05/2019 | 3790874 | 19722129.4 | |
| 3791703 | Kubota Corporation | 10/09/2020 | 3791703 | 20195597.8 | |
| 3792734 | Home Control Singapore Pte. Ltd. | 11/09/2020 | 3792734 | 20195691.9 | |
| 3793263 | HUAWEI TECHNOLOGIES CO., LTD. | 09/05/2019 | 3793263 | 19799203.5 | |
| 3795329 | Nissei Plastic Industrial Co., Ltd. | 11/08/2020 | 3795329 | 20190374.7 | |
| 3795409 | Toyota Jidosha Kabushiki Kaisha | 04/09/2020 | 3795409 | 20194559.9 | |
| 3795432 | KOITO MANUFACTURING CO., LTD. | 09/05/2019 | 3795432 | 19803112.2 | |
| 3795843 | Hitachi Construction Machinery Co., Ltd. | 28/03/2019 | 3795843 | 19921078.2 | |
| 3795911 | Hitachi-Johnson Controls Air Conditioning, Inc. | 14/05/2018 | 3795911 | 18913206.1 | |
| 3796183 | SAP SE | 08/09/2020 | 3796183 | 20194962.5 | |
| 3796184 | SAP SE | 09/09/2020 | 3796184 | 20195241.3 | |
| 3796208 | SHENZHEN GOODIX TECHNOLOGY CO., LTD. | 14/12/2018 | 3796208 | 18942800.6 | |
| 3796354 | Weidmüller Interface GmbH & Co. KG | 25/08/2020 | 3796354 | 20192647.4 | German |

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|---------|--|------------|---------|------------|--------|
| 3798021 | HANKOOK TIRE & TECHNOLOGY CO., LTD | 24/09/2020 | 3798021 | 20198104.0 | |
| 3798587 | ISHIDA CO., Ltd. | 14/09/2020 | 3798587 | 20195962.4 | |
| 3799161 | HUAWEI TECHNOLOGIES CO., LTD. | 29/05/2019 | 3799161 | 19853852.2 | |
| 3800099 | Yamaha Hatsudoki Kabushiki Kaisha | 31/05/2019 | 3800099 | 19814034.5 | |
| 3800808 | The Boeing Company | 20/09/2018 | 3800808 | 20202704.1 | |
| 3801231 | Nedap N.V. | 28/05/2019 | 3801231 | 19743017.6 | |
| 3802162 | Scania CV AB | 07/05/2019 | 3802162 | 19811509.9 | |
| 3803146 | Schaeffler Technologies AG & Co. KG | 22/05/2019 | 3803146 | 19730668.1 | German |
| 3803328 | Safran Helicopter Engines | 29/05/2019 | 3803328 | 19737172.7 | French |
| 3803701 | Microsoft Technology Licensing, LLC | 17/05/2019 | 3803701 | 19735425.1 | |
| 3804414 | Telefonaktiebolaget LM Ericsson (publ) | 29/05/2018 | 3804414 | 18732214.4 | |
| 3805095 | The Boeing Company | 07/09/2020 | 3805095 | 20194916.1 | |
| 3805110 | The Boeing Company | 13/10/2017 | 3805110 | 20198832.6 | |
| 3805303 | LG CHEM, LTD. | 29/05/2019 | 3805303 | 19820546.0 | |
| 3805310 | Nippon Closures Co., Ltd. | 22/05/2019 | 3805310 | 19814939.5 | |
| 3805709 | General Electric Company | 17/06/2020 | 3805709 | 20180445.7 | |
| 3805881 | Cox Manufacturing Company, Inc. | 08/10/2020 | 3805881 | 20200897.5 | |
| 3806312 | ABB Schweiz AG | 11/10/2019 | 3806312 | 19202733.2 | |
| 3806603 | Fuji Corporation | 31/05/2018 | 3806603 | 18920804.4 | |
| 3807556 | ZF Friedrichshafen AG | 14/05/2019 | 3807556 | 19724438.7 | German |
| 3807564 | NORMA Germany GmbH | 27/05/2019 | 3807564 | 19728603.2 | German |
| 3807672 | Valeo Schalter und Sensoren GmbH | 04/06/2019 | 3807672 | 19733955.9 | German |
| 3809099 | NCTE AG | 16/10/2019 | 3809099 | 19203603.6 | German |
| 3809680 | Honor Device Co., Ltd. | 23/07/2019 | 3809680 | 19843833.5 | |
| 3809854 | General Mills, Inc. | 27/06/2018 | 3809854 | 18743648.0 | |
| 3810442 | Continental Automotive Technologies GmbH | 18/06/2019 | 3810442 | 19732596.2 | |
| 3810463 | Continental Automotive Technologies GmbH | 12/06/2019 | 3810463 | 19732554.1 | German |
| 3810887 | YOKOGAWA ELECTRIC CORPORATION | 08/07/2019 | 3810887 | 19744882.2 | |
| 3811673 | FG Innovation Company Limited | 18/06/2019 | 3811673 | 19821699.6 | |
| 3812307 | Jungheinrich Aktiengesellschaft | 25/10/2019 | 3812307 | 19205238.9 | German |
| 3813168 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 28/09/2020 | 3813168 | 20198585.0 | French |

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|---------|---|------------|---------|------------|--------|
| 3815652 | Shanghai Microport Cardioflow Medtech Co., Ltd. | 31/05/2019 | 3815652 | 19814900.7 | |
| 3815731 | ASAHI INTECC CO., LTD. | 29/06/2018 | 3815731 | 18924217.5 | |
| 3815890 | Continental Reifen Deutschland GmbH | 12/10/2020 | 3815890 | 20201226.6 | German |
| 3815908 | Seiko Epson Corporation | 28/10/2020 | 3815908 | 20204381.6 | |
| 3815964 | GRAMMER AG | 22/10/2020 | 3815964 | 20203404.7 | German |
| 3816062 | Dethapak Innovation B.V. | 20/10/2020 | 3816062 | 20202754.6 | |
| 3816359 | Poisson, Olivier | 14/10/2020 | 3816359 | 20201783.6 | French |
| 3818065 | Kancera AB | 05/07/2019 | 3818065 | 19739234.3 | |
| 3819216 | B/E Aerospace, Inc. | 06/11/2020 | 3819216 | 20206320.2 | |
| 3819230 | South Plastic Industry Co., Ltd. | 07/10/2020 | 3819230 | 20200467.7 | |
| 3819232 | South Plastic Industry Co., Ltd. | 26/10/2020 | 3819232 | 20203785.9 | |
| 3819506 | Vie International Group Co., Ltd. | 03/07/2019 | 3819506 | 19830224.2 | |
| 3820105 | Siemens Aktiengesellschaft | 11/11/2019 | 3820105 | 19208307.9 | German |
| 3820197 | HUAWEI TECHNOLOGIES CO., LTD. | 09/09/2019 | 3820197 | 19866811.3 | |
| 3820319 | Flat Planet Limited | 11/07/2019 | 3820319 | 19834236.2 | |
| 3820349 | United States Endoscopy Group, Inc. | 10/07/2019 | 3820349 | 19745531.4 | |
| 3820746 | Valeo Systèmes d'Essuyage | 10/06/2019 | 3820746 | 19728717.0 | French |
| 3822372 | Shinagawa Refractories Co., Ltd. JFE Steel Corporation | 19/09/2019 | 3822372 | 19861605.4 | |
| 3822449 | Torsion Tool Company AS | 30/01/2018 | 3822449 | 20205320.3 | |
| 3823032 | Samsung Display Co., Ltd. | 23/07/2020 | 3823032 | 20187421.1 | |
| 3823487 | Bolt Threads, Inc. | 17/07/2019 | 3823487 | 19838656.7 | |
| 3823552 | Biomet 3I, LLC | 12/07/2019 | 3823552 | 19745939.9 | |
| 3823685 | KCI Licensing, Inc. | 10/07/2019 | 3823685 | 19746244.3 | |
| 3823814 | Additive Industries B.V. | 18/06/2019 | 3823814 | 19743066.3 | |
| 3824037 | Basell Poliolefine Italia S.r.l. | 15/07/2019 | 3824037 | 19737763.3 | |
| 3824789 | Bittium Biosignals Oy | 18/08/2020 | 3824789 | 20191516.2 | |
| 3825126 | Linxens Holding | 25/11/2019 | 3825126 | 19306517.4 | |
| 3825188 | Autoliv Development AB | 28/06/2019 | 3825188 | 19838045.3 | |
| 3826203 | Mitsubishi Electric Corporation | 15/08/2018 | 3826203 | 18929861.5 | |
| 3826546 | Lightpoint Medical Ltd | 23/07/2019 | 3826546 | 19748895.0 | |
| 3827565 | Kaloom Inc. | 24/07/2019 | 3827565 | 19841668.7 | |
| 3827886 | Lucas, Thierry | 27/11/2019 | 3827886 | 19211714.1 | German |
| 3828386 | General Electric Company | 16/11/2020 | 3828386 | 20207935.6 | |
| 3829947 | KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH | 18/07/2019 | 3829947 | 19742718.0 | German |

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|---------|---|------------|---------|------------|--------|
| 3830375 | Lutron Technology Company LLC | 30/07/2019 | 3830375 | 19752367.3 | |
| 3830411 | VESTAS WIND SYSTEMS A/S | 25/07/2019 | 3830411 | 19746431.6 | |
| 3830472 | ZKW Group GmbH | 12/07/2019 | 3830472 | 19742151.4 | German |
| 3830473 | ZKW Group GmbH | 01/08/2019 | 3830473 | 19755297.9 | German |
| 3831373 | Daiichi Sankyo Company, Limited | 29/07/2019 | 3831373 | 19845221.1 | |
| 3831543 | Katholieke Universiteit Leuven KU Leuven Research & Development | 02/12/2019 | 3831543 | 19212992.2 | |
| 3831971 | JFE Steel Corporation | 10/06/2019 | 3831971 | 19843261.9 | |
| 3832015 | Hamm AG | 03/11/2020 | 3832015 | 20205347.6 | German |
| 3832067 | Grant Prideco, Inc. | 06/12/2019 | 3832067 | 19214214.9 | |
| 3832283 | NSK Ltd. | 02/12/2019 | 3832283 | 19913770.4 | |
| 3835070 | Dover Europe Sàrl | 09/12/2020 | 3835070 | 20212785.8 | |
| 3835689 | LG Electronics Inc. | 18/11/2009 | 3835689 | 21153637.0 | |
| 3836817 | Rao, Ramamohan | 19/08/2019 | 3836817 | 19849469.2 | |
| 3837755 | Koninklijke Philips N.V. | 05/08/2019 | 3837755 | 19746101.5 | |
| 3837828 | Visa International Service Association | 03/05/2019 | 3837828 | 19849291.0 | |
| 3837908 | FG INNOVATION COMPANY LIMITED | 13/08/2019 | 3837908 | 19850363.3 | |
| 3838630 | Sumitomo Rubber Industries, Ltd. | 20/11/2020 | 3838630 | 20208916.5 | |
| 3838738 | The Boeing Company | 10/05/2019 | 3838738 | 21154962.1 | |
| 3839618 | LG CHEM, LTD. | 18/07/2019 | 3839618 | 19850081.1 | |
| 3839702 | Samsung Electronics Co., Ltd. | 07/08/2015 | 3839702 | 21157343.1 | |
| 3840373 | Kyocera Corporation | 28/09/2020 | 3840373 | 20861989.0 | |
| 3842261 | Sumitomo Rubber Industries, Ltd. | 23/12/2020 | 3842261 | 20216840.7 | |
| 3842655 | BREMBO S.p.A. | 22/12/2020 | 3842655 | 20216584.1 | |
| 3843190 | Stühff GmbH Helmholtz-Zentrum hereon GmbH VOLKSWAGEN AG PANCO GmbH | 23/12/2019 | 3843190 | 19219243.3 | German |
| 3843473 | Sharp Kabushiki Kaisha FG Innovation Company Limited | 22/08/2019 | 3843473 | 19852588.3 | |
| 3844027 | ZKW Group GmbH | 19/07/2019 | 3844027 | 19750061.4 | German |
| 3844883 | Polaran Haberlesme Teknolojileri Anonim Sirketi | 30/08/2019 | 3844883 | 19782720.7 | |
| 3844943 | Robert Bosch GmbH | 19/06/2019 | 3844943 | 19732602.8 | German |
| 3845222 | Pharma Line S.r.l. | 21/12/2020 | 3845222 | 20216167.5 | |
| 3845255 | CYBERDYNE INC. University of Tsukuba | 30/08/2019 | 3845255 | 19855486.7 | |

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| 3845410 | KEIPER Seating Mechanisms Co., Ltd. | 19/08/2019 | 3845410 | 19853782.1 | |
| 3845411 | KEIPER Seating Mechanisms Co., Ltd. | 19/08/2019 | 3845411 | 19855913.0 | |
| 3845454 | Safran Seats USA LLC | 31/08/2017 | 3845454 | 21158998.1 | |
| 3848345 | INNER MONGOLIA YITAI COAL- BASED NEW MATERIALS RESEARCH INSTITUTE CO., LTD. | 14/06/2019 | 3848345 | 19918318.7 | |
| 3848349 | Przedsiębiorstwo Produkcyjno- Consultingowe ADOB Sp. z o.o. | 01/12/2020 | 3848349 | 20461587.6 | |
| 3848583 | LG Electronics Inc. | 16/01/2019 | 3848583 | 21154706.2 | |
| 3848711 | Analog Devices International Unlimited Company | 05/01/2021 | 3848711 | 21150226.5 | |
| 3848928 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 23/10/2007 | 3848928 | 21160250.3 | |
| 3849150 | BYD Company Limited | 27/08/2019 | 3849150 | 19857876.7 | |
| 3850667 | Facebook Technologies LLC | 14/08/2019 | 3850667 | 19759834.5 | |
| 3853301 | Asbury Graphite of North Carolina, Inc. | 17/09/2019 | 3853301 | 19862892.7 | |
| 3853492 | PSA Automobiles SA | 04/09/2019 | 3853492 | 19783588.7 | French |
| 3854665 | Ricoh Company, Ltd. | 26/01/2021 | 3854665 | 21153412.8 | |
| 3854797 | Fujian Akeylink Biotechnology Co., Ltd. | 23/08/2019 | 3854797 | 19853095.8 | |
| 3855034 | OILES CORPORATION | 09/07/2019 | 3855034 | 19862267.2 | |
| 3855057 | Huizhou Hydro Caresys Medical Co. Ltd | 28/12/2018 | 3855057 | 18934007.8 | |
| 3855470 | Schneider Electric Industries SAS | 22/01/2021 | 3855470 | 21152887.2 | French |
| 3855753 | BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD. | 22/03/2021 | 3855753 | 21164069.3 | |
| 3858622 | Seiko Epson Corporation | 29/01/2021 | 3858622 | 21154184.2 | |
| 3860041 | Visa International Service Association | 18/06/2015 | 3860041 | 21158837.1 | |
| 3860401 | Julius Blum GmbH | 13/09/2019 | 3860401 | 19773333.0 | German |
| 3861807 | TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) | 19/09/2019 | 3861807 | 19773410.6 | |
| 3864256 | Element Six GmbH | 25/11/2019 | 3864256 | 19809063.1 | |
| 3864342 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 08/10/2019 | 3864342 | 19786748.4 | German |
| 3866999 | SLM Solutions Group AG | 01/10/2019 | 3866999 | 19782572.2 | German |
| 3868255 | Julius Blum GmbH | 13/12/2018 | 3868255 | 21168099.6 | German |
| 3869393 | BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO. LTD. | 15/09/2020 | 3869393 | 20196103.4 | |

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| 3870422 | KraussMaffei Technologies GmbH | 30/09/2019 | 3870422 | 19780221.8 | German |
| 3871121 | Microsoft Technology Licensing, LLC | 18/10/2019 | 3871121 | 19798455.2 | |
| 3873201 | Lely Patent N.V. | 30/10/2019 | 3873201 | 19832749.6 | |
| 3874341 | Dell Products, L.P. | 30/08/2019 | 3874341 | 19878813.5 | |
| 3874644 | TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) | 31/10/2019 | 3874644 | 19798761.3 | |
| 3875630 | NISSAN MOTOR CO., LTD. Renault s.a.s | 02/11/2018 | 3875630 | 18938570.1 | |
| 3875688 | FFG Flensburger Fahrzeugbau Gesellschaft mbH | 25/01/2021 | 3875688 | 21153226.2 | German |
| 3877167 | Persico S.p.A. | 28/10/2019 | 3877167 | 19795687.3 | |
| 3878089 | Schaeffler Technologies AG & Co. KG | 08/10/2019 | 3878089 | 19790442.8 | German |
| 3878250 | Koninklijke Philips N.V. | 28/10/2019 | 3878250 | 19794150.3 | |
| 3878456 | Institut Pasteur De Montevideo Universidad De La República | 16/10/2017 | 3878456 | 21170218.8 | |
| 3880454 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 14/11/2019 | 3880454 | 19836813.6 | French |
| 3880641 | KetoLipix Therapeutics GmbH | 23/01/2019 | 3880641 | 19702360.9 | German |
| 3880649 | KetoLipix Therapeutics GmbH | 23/01/2019 | 3880649 | 19701816.1 | German |
| 3882499 | Goodrich Corporation | 20/03/2020 | 3882499 | 20461522.3 | |
| 3883362 | Jungheinrich Aktiengesellschaft | 07/11/2019 | 3883362 | 19801308.8 | German |
| 3883801 | CNH Industrial Italia S.p.A. | 19/11/2019 | 3883801 | 19805297.9 | |
| 3884131 | VOLKSWAGEN AKTIENGESELLSCHAFT | 21/11/2019 | 3884131 | 19809038.3 | German |
| 3884166 | B.B.A. Participaties B.V. | 11/11/2019 | 3884166 | 19805418.1 | |
| 3884831 | Bangchen Environmental Protection Technology (Suzhou) Co., Ltd | 25/12/2019 | 3884831 | 19956177.0 | |
| 3885182 | HONDA MOTOR CO., LTD. | 24/03/2021 | 3885182 | 21164605.4 | |
| 3885590 | Teckentrup GmbH & Co. KG | 26/03/2020 | 3885590 | 20165955.4 | German |
| 3885871 | Guangzhou Xaircraft Technology Co., Ltd | 21/11/2018 | 3885871 | 18940964.2 | |
| 3888835 | Illinois Tool Works Inc. | 24/03/2021 | 3888835 | 21164457.0 | |
| 3888888 | Hewlett-Packard Development Company, L.P. | 25/03/2021 | 3888888 | 21165068.4 | |
| 3891079 | Clariant International Ltd | 02/12/2019 | 3891079 | 19809106.8 | |
| 3891198 | Merck Patent GmbH | 04/12/2019 | 3891198 | 19816628.2 | |
| 3891408 | Schaeffler Technologies AG & Co. KG | 03/09/2019 | 3891408 | 19769375.7 | German |
| 3892024 | Safran Passenger Innovations, LLC | 05/12/2019 | 3892024 | 19891795.7 | |

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| 3894713 | Miba Gleitlager Austria GmbH | 09/12/2019 | 3894713 | 19835587.7 | German |
| 3894714 | Miba Gleitlager Austria GmbH | 09/12/2019 | 3894714 | 19835590.1 | German |
| 3894825 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 16/12/2019 | 3894825 | 19842820.3 | French |
| 3895033 | Cohesity, Inc. | 15/01/2020 | 3895033 | 20707869.2 | |
| 3895204 | DH Technologies Development Pte. Ltd. | 09/12/2019 | 3895204 | 19828831.8 | |
| 3895521 | Deere & Company | 15/03/2021 | 3895521 | 21162537.1 | German |
| 3895821 | ABB Schweiz AG | 14/04/2020 | 3895821 | 20169497.3 | |
| 3896409 | Nokia Technologies Oy | 17/04/2020 | 3896409 | 20315187.3 | |
| 3896690 | BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD. | 17/09/2020 | 3896690 | 20864285.0 | |
| 3896804 | mitsubishi electric CORPORATION | 08/01/2019 | 3896804 | 19909111.7 | |
| 3897420 | Zimmer Biomet CMF And Thoracic, LLC | 18/09/2019 | 3897420 | 19779692.3 | |
| 3897595 | Laboratoires THEA | 19/12/2019 | 3897595 | 19829158.5 | French |
| 3898110 | Caterpillar Energy Solutions GmbH | 20/12/2019 | 3898110 | 19832833.8 | |
| 3899287 | CNH Industrial Italia S.p.A. | 18/12/2019 | 3899287 | 19835271.8 | |
| 3899358 | ZKW Group GmbH | 26/11/2019 | 3899358 | 19816222.4 | German |
| 3900697 | Takasago International Corporation | 21/04/2020 | 3900697 | 20305384.8 | |
| 3900904 | Excluton B.V. | 12/04/2021 | 3900904 | 21167858.6 | |
| 3900954 | Sumitomo Rubber Industries, Ltd. | 15/03/2021 | 3900954 | 21162521.5 | |
| 3901301 | JFE Steel Corporation | 18/09/2019 | 3901301 | 19900949.9 | |
| 3902163 | Infineon Technologies Austria AG | 20/04/2021 | 3902163 | 21020220.6 | |
| 3902235 | Huawei Technologies Co., Ltd. | 22/01/2019 | 3902235 | 19911207.9 | |
| 3903160 | Robert Bosch GmbH | 05/12/2019 | 3903160 | 19817635.6 | German |
| 3903342 | SOITEC | 23/12/2019 | 3903342 | 19850729.5 | French |
| 3904027 | HUNAN TAOHUAJIANG BAMBOO SCIENCE & TECHNOLOGY CO., LTD. | 18/04/2019 | 3904027 | 19911265.7 | |
| 3904825 | SUMCO CORPORATION | 20/12/2019 | 3904825 | 19906318.1 | |
| 3905396 | Contemporary Amperex Technology Co., Limited | 26/02/2019 | 3905396 | 19906550.9 | |
| 3906235 | Ascentage Pharma Group Corp Limited Ascentage Pharma (Suzhou) Co., Ltd. | 03/01/2020 | 3906235 | 20736131.2 | |
| 3906816 | Youssouf, Maryam | 09/10/2019 | 3906816 | 21182449.5 | |

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| 3907743 | Suzhou Nuclear Power Research Institute Co., Ltd China General Nuclear Power Group Corporation CGN Power Co., Ltd. | 13/11/2020 | 3907743 | 20911302.6 | |
| 3908092 | ABB Schweiz AG | 04/05/2020 | 3908092 | 20172730.2 | |
| 3909556 | Silva Gonçalves, António Miguel | 10/05/2021 | 3909556 | 21173168.2 | |
| 3909619 | Baxter International Inc Baxter Healthcare S.A. | 01/08/2007 | 3909619 | 21184339.6 | |
| 3911589 | Tricoya Technologies Ltd | 20/01/2020 | 3911589 | 20700834.3 | |
| 3911825 | Dr. Schneider Kunststoffwerke GmbH | 07/01/2020 | 3911825 | 20700645.3 | German |
| 3912591 | SIRONA Dental Systems GmbH Dentsply Sirona Inc. | 15/11/2018 | 3912591 | 21171965.3 | |
| 3912610 | Intuitive Surgical Operations, Inc. | 27/10/2015 | 3912610 | 21181826.5 | |
| 3912796 | NISSEI ASB MACHINE CO., LTD. | 23/10/2015 | 3912796 | 21184849.4 | |
| 3913143 | Rautaruukki Oyj | 18/05/2020 | 3913143 | 20175147.6 | |
| 3913209 | ArianeGroup SAS | 20/05/2021 | 3913209 | 21175010.4 | French |
| 3913648 | Hitachi Energy Switzerland AG | 07/05/2021 | 3913648 | 21172882.9 | |
| 3914100 | Société des Produits Nestlé S.A. | 20/01/2020 | 3914100 | 20700915.0 | |
| 3914350 | Saudi Pharmaceutical Industries & Medical Appliances Corporation Spimaco Addwaeih | 28/12/2020 | 3914350 | 20845449.6 | |
| 3914525 | CooperVision International Limited | 20/01/2020 | 3914525 | 20701862.3 | |
| 3914570 | Martellus GmbH | 29/10/2020 | 3914570 | 20796603.7 | German |
| 3915126 | Klaus Bruchmann GmbH | 24/01/2019 | 3915126 | 19701649.6 | German |
| 3915747 | Nordson Corporation | 27/05/2020 | 3915747 | 20176919.7 | German |
| 3916147 | BSH Hausgeräte GmbH | 27/04/2021 | 3916147 | 21170705.4 | German |
| 3916724 | Google LLC | 23/04/2021 | 3916724 | 21170298.0 | |
| 3917047 | Telefonaktiebolaget LM Ericsson (publ) | 26/08/2015 | 3917047 | 21159828.9 | |
| 3917793 | Saint-Gobain Glass France | 14/01/2020 | 3917793 | 20701693.2 | German |
| 3917807 | PSA Automobiles SA | 24/01/2020 | 3917807 | 20705437.0 | French |
| 3918025 | Dow Global Technologies LLC Rohm and Haas Company The Regents of University of California | 28/01/2020 | 3918025 | 20707980.7 | |
| 3918268 | ATLAS ELEKTRONIK GmbH thyssenkrupp AG | 17/01/2020 | 3918268 | 20701426.7 | German |
| 3919362 | Lin, Chang Hui | 01/06/2020 | 3919362 | 20177716.6 | |
| 3919542 | Cytec Engineered Materials Ltd. | 02/06/2016 | 3919542 | 21179765.9 | |

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|---------|---|------------|---------|------------|--------|
| 3919717 | Sandvik Mining and Construction Oy | 01/06/2020 | 3919717 | 20177658.0 | |
| 3920268 | Contemporary Amperex Technology Co., Limited | 15/01/2020 | 3920268 | 20748389.2 | |
| 3920724 | Société des Produits Nestlé S.A. | 20/01/2020 | 3920724 | 20700916.8 | |
| 3921161 | Koenig & Bauer AG | 03/02/2020 | 3921161 | 20703435.6 | German |
| 3921162 | Koenig & Bauer AG | 03/02/2020 | 3921162 | 20703436.4 | German |
| 3921163 | Koenig & Bauer AG | 03/02/2020 | 3921163 | 20703438.0 | German |
| 3921353 | Covestro LLC | 31/01/2020 | 3921353 | 20708934.3 | |
| 3921593 | Detnet South Africa (Pty) Ltd | 23/01/2020 | 3921593 | 20709112.5 | |
| 3922500 | Eaton Intelligent Power Limited | 08/10/2014 | 3922500 | 21188366.5 | |
| 3922510 | Aguti Produktentwicklung & Design GmbH | 09/06/2021 | 3922510 | 21178444.2 | German |
| 3922894 | Air Liquide Medical Systems | 14/04/2021 | 3922894 | 21168445.1 | French |
| 3923409 | Contemporary Amperex Technology Co., Limited | 03/04/2020 | 3923409 | 20922493.0 | |
| 3923760 | Geis, Benoit | 10/02/2020 | 3923760 | 20711229.3 | French |
| 3925930 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 17/06/2021 | 3925930 | 21179985.3 | French |
| 3926477 | Samsung Electronics Co., Ltd. | 22/03/2021 | 3926477 | 21164082.6 | |
| 3928986 | Flooring Technologies Ltd. | 25/06/2020 | 3928986 | 20182268.1 | German |
| 3930727 | Solongevity Nutraceuticals S.r.l. | 21/02/2020 | 3930727 | 20712022.1 | |
| 3931533 | Pietro Fiorentini S.p.A. | 28/02/2020 | 3931533 | 20713968.4 | |
| 3932896 | Zhejiang University of Science & Technology | 28/01/2021 | 3932896 | 21154143.8 | |
| 3933230 | Deere & Company | 10/06/2021 | 3933230 | 21178823.7 | |
| 3934923 | ZF Friedrichshafen AG | 06/02/2020 | 3934923 | 20704259.9 | German |
| 3935468 | In' Air Solutions Centre national de la recherche scientifique Université de Strasbourg | 18/02/2020 | 3935468 | 20704339.9 | French |
| 3936213 | MANN+HUMMEL LIFE SCIENCES & ENVIRONMENT HOLDING SINGAPORE PTE. LTD. | 15/06/2021 | 3936213 | 21179425.0 | German |
| 3936281 | Fritz Studer AG | 02/07/2021 | 3936281 | 21183573.1 | German |
| 3936346 | Steinco Paul vom Stein GmbH | 21/06/2021 | 3936346 | 21180645.0 | German |
| 3936732 | ROLEX SA | 10/07/2020 | 3936732 | 20185189.6 | French |
| 3937579 | LG Electronics Inc. | 04/05/2020 | 3937579 | 20802373.9 | |
| 3937901 | TECHNISCHE UNIVERSITÄT WIEN | 21/02/2020 | 3937901 | 20705088.1 | |

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|---------|---|------------|---------|------------|--------|
| 3938127 | MAGOTTEAUX INTERNATIONAL S.A. | 23/03/2021 | 3938127 | 21712870.1 | |
| 3938612 | Erik, Yevhen Valeriiovych | 28/01/2020 | 3938612 | 20706026.0 | |
| 3940497 | Siemens Schweiz AG | 22/12/2020 | 3940497 | 20216714.4 | |
| 3940499 | Honor Device Co., Ltd. | 09/05/2020 | 3940499 | 20802868.8 | |
| 3941321 | Essity Hygiene and Health Aktiebolag | 19/03/2019 | 3941321 | 19713400.0 | |
| 3941819 | MacGregor Norway AS | 17/03/2020 | 3941819 | 20712901.6 | |
| 3942206 | MAG Aerospace Industries, LLC | 20/03/2020 | 3942206 | 20719852.4 | |
| 3943358 | DAIFUKU CO., LTD. | 06/11/2019 | 3943358 | 19920161.7 | |
| 3943876 | PRATT & WHITNEY CANADA CORP. | 19/05/2021 | 3943876 | 21174777.9 | |
| 3945003 | Fret SNCF Novium | 22/07/2021 | 3945003 | 21187268.4 | French |
| 3945017 | The Boeing Company | 28/07/2021 | 3945017 | 21188215.4 | |
| 3945344 | THALES | 07/06/2021 | 3945344 | 21178065.5 | French |
| 3945765 | ZF Friedrichshafen AG | 12/03/2020 | 3945765 | 20712256.5 | German |
| 3947075 | Bayerische Motoren Werke Aktiengesellschaft | 25/10/2019 | 3947075 | 19801225.4 | German |
| 3947125 | Brose Antriebstechnik GmbH & Co. Kommanditgesellschaft, Berlin | 23/03/2020 | 3947125 | 20714969.1 | German |
| 3947211 | Scrapetec GmbH Montanuniversität Leoben | 16/03/2020 | 3947211 | 20712889.3 | German |
| 3947336 | Evonik Operations GmbH | 25/03/2020 | 3947336 | 20712978.4 | |
| 3947354 | BASF SE | 25/03/2020 | 3947354 | 20712977.6 | |
| 3947622 | BASF SE | 20/03/2020 | 3947622 | 20711944.7 | |
| 3948866 | Microsoft Technology Licensing, LLC | 26/02/2020 | 3948866 | 20712805.9 | |
| 3948899 | Orano DS - Démantèlement Et Services | 30/04/2020 | 3948899 | 20722586.3 | French |
| 3949092 | FELSOMAT GmbH & Co. KG | 18/03/2020 | 3949092 | 20712330.8 | German |
| 3950567 | TOYOTA MATERIAL HANDLING MANUFACTURING ITALY S.p.A | 03/08/2021 | 3950567 | 21189390.4 | |
| 3951347 | JEOL Ltd. | 19/07/2021 | 3951347 | 21186411.1 | |
| 3953085 | MAPAL Fabrik für Präzisionswerkzeuge Dr. Kress KG | 08/04/2020 | 3953085 | 20722472.6 | German |
| 3954280 | ENDRA Life Sciences Inc. | 04/12/2019 | 3954280 | 21188055.4 | |
| 3956132 | SAFRAN AIRCRAFT ENGINES | 25/03/2020 | 3956132 | 20712390.2 | French |
| 3957235 | ENDRA Life Sciences Inc. | 05/12/2019 | 3957235 | 21183268.8 | |
| 3959399 | Raily S.r.l. | 25/03/2020 | 3959399 | 20720507.1 | |
| 3961842 | Smart Wires Inc. | 19/08/2021 | 3961842 | 21192087.1 | |

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| 3961932 | Apple Inc. | 29/08/2018 | 3961932 | 21202992.0 | |
| 3963190 | SAFRAN AIRCRAFT ENGINES | 02/04/2020 | 3963190 | 20714263.9 | French |
| 3963534 | Giesecke+Devrient Mobile Security GmbH | 27/04/2020 | 3963534 | 20722464.3 | German |
| 3964543 | LG CHEM, LTD. | 28/04/2020 | 3964543 | 20799593.7 | |
| 3964551 | Dexerials Corporation | 05/04/2021 | 3964551 | 21797395.7 | |
| 3965197 | Contemporary Amperex Technology Co., Limited | 10/07/2020 | 3965197 | 20811947.9 | |
| 3965216 | Contemporary Amperex Technology Co., Limited | 10/07/2020 | 3965216 | 20803071.8 | |
| 3966037 | Brückner Maschinenbau GmbH & Co. Kg | 30/04/2020 | 3966037 | 20723378.4 | German |
| 3966837 | FRAMATOME GMBH | 07/05/2019 | 3966837 | 19725043.4 | |
| 3967761 | Hitachi Zosen Inova Schmack GmbH | 09/09/2020 | 3967761 | 20195201.7 | German |
| 3968019 | Liaoning Technical University | 10/12/2020 | 3968019 | 20213117.3 | |
| 3969554 | UNILEVER GLOBAL IP LIMITED | 15/05/2020 | 3969554 | 20724868.3 | |
| 3969797 | NORMA Germany GmbH | 08/05/2020 | 3969797 | 20728410.0 | German |
| 3971218 | Denka Company Limited | 08/05/2020 | 3971218 | 20806017.8 | |
| 3973187 | Pierburg Pump Technology GmbH | 23/05/2019 | 3973187 | 19727602.5 | |
| 3974579 | Seiko Epson Corporation | 27/09/2021 | 3974579 | 21199085.8 | |
| 3974584 | Kubota Corporation | 27/05/2021 | 3974584 | 21176177.0 | |
| 3974620 | General Electric Company | 17/09/2021 | 3974620 | 21197559.4 | |
| 3978310 | ALSTOM Transport Technologies | 05/10/2021 | 3978310 | 21200918.7 | French |
| 3981939 | FLAP Competence Center kft | 06/10/2020 | 3981939 | 20200324.0 | German |
| 3982618 | HUAWEI TECHNOLOGIES CO., LTD. | 26/06/2017 | 3982618 | 21184590.4 | |
| 3983624 | Noventa AG | 14/06/2019 | 3983624 | 19734232.2 | German |
| 3983705 | Trufflo Rona S.r.l. | 08/06/2020 | 3983705 | 20742921.8 | |
| 3985440 | Ricoh Company, Ltd. | 27/09/2021 | 3985440 | 21199225.0 | |
| 3985817 | Sagemcom Energy & Telecom SAS | 22/09/2021 | 3985817 | 21198184.0 | French |
| 3985925 | FUJITSU LIMITED | 15/10/2020 | 3985925 | 20202133.3 | |
| 3986895 | F. Hoffmann-La Roche AG | 19/06/2020 | 3986895 | 20734160.3 | |
| 3986896 | F. Hoffmann-La Roche AG | 19/06/2020 | 3986896 | 20734348.4 | |
| 3986898 | F. Hoffmann-La Roche AG | 19/06/2020 | 3986898 | 20734872.3 | |
| 3987221 | Signify Holding B.V. | 08/06/2020 | 3987221 | 20730066.6 | |
| 3987952 | Shenzhen First Union Technology Co., Ltd. | 18/06/2020 | 3987952 | 20825581.0 | |

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| 3988518 | Sinosteel Luoyang Institute of Refractories Research Co., Ltd | 16/10/2019 | 3988518 | 19945876.1 | |
| 3992391 | Flooring Industries Limited, SARL | 13/01/2014 | 3992391 | 21210836.9 | |
| 3992641 | Infineon Technologies Austria AG | 26/10/2021 | 3992641 | 21204740.1 | |
| 3994365 | Hilti Aktiengesellschaft | 22/06/2020 | 3994365 | 20734008.4 | German |
| 3995776 | Diehl Defence GmbH & Co. KG | 08/11/2021 | 3995776 | 21206931.4 | German |
| 3996633 | Arthrex, Inc. | 09/07/2020 | 3996633 | 20750049.7 | |
| 3996918 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 09/07/2019 | 3996918 | 19749814.0 | |
| 3998010 | Hunan Vathin Medical Instrument Co. Ltd | 11/05/2020 | 3998010 | 20848945.0 | |
| 3998011 | Hunan Vathin Medical Instrument Co. Ltd | 11/05/2020 | 3998011 | 20848946.8 | |
| 3998948 | Koninklijke Philips N.V. | 26/05/2021 | 3998948 | 21727173.3 | |
| 3999909 | Koninklijke Philips N.V. | 16/06/2021 | 3999909 | 21732889.7 | |
| 4000090 | SOITEC Commissariat à l'Energie Atomique et aux Energies Alternatives | 13/07/2020 | 4000090 | 20751609.7 | French |
| 4000354 | Signify Holding B.V. | 14/07/2020 | 4000354 | 20737477.8 | |
| 4000647 | The Boeing Company | 01/09/2021 | 4000647 | 21194416.0 | |
| 4004131 | Sun Chemical Corporation | 03/12/2020 | 4004131 | 20825196.7 | |
| 4006454 | Siemens Schweiz AG | 25/11/2020 | 4006454 | 20209861.2 | |
| 4007707 | Mercedes-Benz Group AG | 15/07/2020 | 4007707 | 20742220.5 | German |
| 4010757 | CooperVision International Limited | 14/10/2020 | 4010757 | 20793776.4 | |
| 4011004 | Signify Holding B.V. | 20/07/2020 | 4011004 | 20740048.2 | |
| 4011664 | SpeedInnov | 08/12/2021 | 4011664 | 21213173.4 | French |
| 4011741 | SpeedInnov | 10/12/2021 | 4011741 | 21213806.9 | French |
| 4012349 | Dr. Johannes Heidenhain GmbH | 08/12/2020 | 4012349 | 20212347.7 | German |
| 4012350 | Dr. Johannes Heidenhain GmbH | 08/12/2020 | 4012350 | 20212349.3 | German |
| 4012968 | ASUSTek Computer Inc. | 08/12/2021 | 4012968 | 21213071.0 | |
| 4015842 | A. Raymond et Cie | 19/11/2021 | 4015842 | 21209409.8 | French |
| 4017750 | Mercedes-Benz Group AG | 30/06/2021 | 4017750 | 21742746.7 | German |
| 4017956 | Unilever Global IP Limited | 20/08/2020 | 4017956 | 20758222.2 | |
| 4022335 | Koninklijke Philips N.V. | 28/08/2020 | 4022335 | 20764371.9 | |
| 4033263 | Solar Power Network Technology (Zhejiang) Co., Ltd. | 11/08/2021 | 4033263 | 21190878.5 | |
| 4035865 | Wenz Kunststoff GmbH & Co. KG | 02/02/2021 | 4035865 | 21154820.1 | German |
| 4037640 | Unilever Global IP Limited | 13/08/2020 | 4037640 | 20753384.5 | |

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| 4043379 | ORONA S. COOP. | 15/02/2022 | 4043379 | 22382120.8 | |
| 4047500 | Google LLC | 01/05/2019 | 4047500 | 21211089.4 | |
| 4049771 | Tata Consultancy Services Limited | 23/02/2022 | 4049771 | 22158115.0 | |
| 4054146 | Spotify AB | 13/04/2021 | 4054146 | 21168173.9 | |
| 4055237 | I4F LICENSING NV | 06/11/2020 | 4055237 | 20800218.8 | |
| 4056744 | BERNINA International AG | 26/05/2021 | 4056744 | 21175926.1 | German |
| 4069930 | Effertz Tore GmbH | 30/03/2020 | 4069930 | 20717793.2 | German |
| 4070563 | Ciena Corporation | 02/12/2020 | 4070563 | 20829095.7 | |
| 4072372 | Koninklijke Philips N.V. | 04/12/2020 | 4072372 | 20816235.4 | |
| 4075380 | HEURON CO., LTD. | 09/06/2021 | 4075380 | 21178472.3 | |
| 4075875 | Deutsche Telekom AG | 14/04/2021 | 4075875 | 21168450.1 | |
| 4099092 | Joanneum Research Forschungsgesellschaft mbH | 02/06/2021 | 4099092 | 21177401.3 | German |

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|---------|---|------------|---------|------------|--------|
| 2040055 | Shandon Diagnostics Limited | 19/09/2008 | 2040055 | 08253079.1 | |
| 2097342 | Brooks CCS RS AG | 27/11/2007 | 2097342 | 07816275.7 | German |
| 2142446 | Crescent Manufacturing Company | 13/07/2007 | 2142446 | 07799574.4 | |
| 2151169 | Metalworks S.p.A. | 17/07/2009 | 2151169 | 09165825.2 | |
| 2201984 | Yoshida, Hideo | 25/09/2008 | 2201984 | 08840355.5 | |
| 2505853 | General Electric Company | 28/03/2012 | 2505853 | 12161894.6 | |
| 2529874 | Hamamatsu Photonics K.K. | 05/01/2011 | 2529874 | 11736826.6 | |
| 2615453 | Ceragem Medisys Inc. | 07/09/2011 | 2615453 | 11823763.5 | |
| 2619406 | 8 Rivers Capital, LLC | 20/09/2011 | 2619406 | 11764408.8 | |
| 2644887 | General Electric Company | 26/03/2013 | 2644887 | 13161166.7 | |
| 2646086 | Oval Medical Technologies Limited | 01/12/2011 | 2646086 | 11808277.5 | |
| 2647488 | Samsonite IP Holdings S.à r.l. | 13/04/2005 | 2647488 | 12006457.1 | |
| 2660365 | Mitsubishi Chemical Corporation | 26/12/2011 | 2660365 | 11853410.6 | |
| 2667275 | The Boeing Company | 24/05/2012 | 2667275 | 12382196.9 | |
| 2679767 | Wirtgen GmbH | 06/02/2009 | 2679767 | 13185644.5 | German |
| 2696170 | The Boeing Company | 22/07/2013 | 2696170 | 13177428.3 | |
| 2702300 | 1783590 Ontario Ltd. D/B/A Inmotive | 26/04/2012 | 2702300 | 12777219.2 | |
| 2723297 | Rich Technologies Holding Company, LLC | 21/06/2012 | 2723297 | 12802917.0 | |
| 2726159 | Tyco Fire Products LP | 28/06/2012 | 2726159 | 12804242.1 | |
| 2729856 | Intelligrated Headquarters LLC | 06/07/2012 | 2729856 | 12740781.5 | |

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|---------|---|------------|---------|------------|--------|
| 2730663 | Berntorp, Erik Astermark, Jan | 21/04/2011 | 2730663 | 14154482.5 | |
| 2747775 | Deutsches Krebsforschungszentrum | 23/08/2012 | 2747775 | 12753465.9 | |
| 2754378 | FUJIFILM Corporation | 22/08/2012 | 2754378 | 12829931.0 | |
| 2762402 | Tamminen, Antti Suomi, Timo Savolainen, Jari | 23/01/2014 | 2762402 | 14397504.3 | |
| 2771672 | Aeneas GmbH & Co. KG | 29/10/2012 | 2771672 | 12791088.3 | German |
| 2771712 | Decision Sciences International Corporation | 29/10/2012 | 2771712 | 12845256.2 | |
| 2780385 | Evonik Operations GmbH | 16/11/2012 | 2780385 | 12795960.9 | |
| 2785393 | The Trustees of The University of Pennsylvania | 30/11/2012 | 2785393 | 12853992.1 | |
| 2788904 | Siemens Healthcare Diagnostics Inc. | 04/12/2012 | 2788904 | 12856394.7 | |
| 2790341 | Deutsche Telekom AG | 08/04/2013 | 2790341 | 13162751.5 | German |
| 2791519 | Tunget, Bruce A. | 17/12/2012 | 2791519 | 12857584.2 | |
| 2803759 | LG Electronics Inc. | 24/10/2012 | 2803759 | 14176380.5 | |
| 2817138 | iMFLUX, Inc. | 22/02/2013 | 2817138 | 13707787.1 | |
| 2820511 | Microsoft Technology Licensing, LLC | 01/03/2013 | 2820511 | 13859280.3 | |
| 2824986 | FUJITSU LIMITED | 11/07/2013 | 2824986 | 13176091.0 | |
| 2830591 | Commissariat à l'Énergie Atomique et aux Énergies Alternatives | 02/04/2013 | 2830591 | 13717207.8 | French |
| 2831612 | Rosenberger Hochfrequenztechnik GmbH & Co. KG | 25/03/2013 | 2831612 | 13712149.7 | German |
| 2848963 | FURUNO ELECTRIC CO., LTD. | 23/07/2014 | 2848963 | 14178125.2 | |
| 2856420 | Varian Medical Systems, Inc. Siemens Healthineers International AG | 16/05/2013 | 2856420 | 13797463.0 | |
| 2858884 | NEXTER Systems | 05/06/2013 | 2858884 | 13733342.3 | French |
| 2863920 | Eutropics Pharmaceuticals, Inc. | 20/06/2013 | 2863920 | 13806664.2 | |
| 2869152 | General Electric Company | 13/10/2014 | 2869152 | 14188697.8 | |
| 2887209 | Samsung Electronics Co., Ltd. | 12/12/2014 | 2887209 | 14197626.6 | |
| 2895949 | Bayerische Motoren Werke Aktiengesellschaft | 28/08/2013 | 2895949 | 13756857.2 | German |
| 2905548 | Polypipe Limited | 21/01/2015 | 2905548 | 15152016.0 | |
| 2910179 | TOMEY CORPORATION | 18/02/2015 | 2910179 | 15155638.8 | |
| 2912954 | Firmenich SA | 06/06/2012 | 2912954 | 15154597.7 | |
| 2931192 | ZOLL Circulation, Inc. | 22/11/2013 | 2931192 | 13863593.3 | |
| 2934671 | Koninklijke Philips N.V. | 16/12/2013 | 2934671 | 13830099.1 | |

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| 2936456 | Giesecke+Devrient Currency Technology GmbH | 18/12/2013 | 2936456 | 13811127.3 | German |
| 2940491 | Coway Co., Ltd. | 28/11/2013 | 2940491 | 13867076.5 | |
| 2941488 | Monsanto Technology LLC | 30/12/2013 | 2941488 | 13828994.7 | |
| 2944942 | Vorwerk & Co. Interholding GmbH | 04/05/2015 | 2944942 | 15166172.5 | German |
| 2950894 | 3M Innovative Properties Company | 20/01/2014 | 2950894 | 14703690.9 | |
| 2953271 | LG Electronics Inc. | 05/06/2015 | 2953271 | 15001682.2 | |
| 2978640 | Tahoe Research, Ltd. | 25/03/2014 | 2978640 | 14776512.7 | |
| 2983220 | The Boeing Company | 17/06/2015 | 2983220 | 15172584.3 | |
| 2986367 | EMD Millipore Corporation | 17/03/2014 | 2986367 | 14785323.8 | |
| 2986784 | IHC Holland IE B.V. | 16/04/2014 | 2986784 | 14722371.3 | |
| 2988317 | Shimadzu Corporation | 08/05/2013 | 2988317 | 13884333.9 | |
| 2988700 | Vascular Dynamics, Inc. | 24/04/2014 | 2988700 | 14797866.2 | |
| 2990710 | UTC Aerospace Systems Wroclaw Sp. z o.o. | 28/08/2014 | 2990710 | 14461564.8 | |
| 2993962 | Schneider Electric Industries SAS | 27/08/2015 | 2993962 | 15182799.5 | French |
| 3003339 | Société des Produits Nestlé S.A. | 28/05/2014 | 3003339 | 14728500.1 | |
| 3004169 | Sorrento Therapeutics, Inc. | 31/05/2014 | 3004169 | 14803374.9 | |
| 3006929 | Instrumar Limited | 29/06/2005 | 3006929 | 15191728.3 | |
| 3009640 | Raytheon Technologies Corporation | 19/10/2015 | 3009640 | 15190457.0 | |
| 3013984 | Prognosys Biosciences, Inc. | 25/06/2014 | 3013984 | 14818012.8 | |
| 3016505 | Rijk Zwaan Zaadteelt en Zaadhandel B.V. | 02/07/2014 | 3016505 | 14747850.7 | |
| 3018156 | Borealis AG | 22/12/2014 | 3018156 | 14199749.4 | |
| 3033163 | M.I.L.L, C. | 18/08/2014 | 3033163 | 14836897.0 | |
| 3034006 | SAMSUNG MEDISON CO., LTD. | 25/11/2015 | 3034006 | 15196167.9 | |
| 3039381 | Insitu, Inc. (a Subsidiary Of The Boeing Company) University of Washington | 29/08/2014 | 3039381 | 14843217.2 | |
| 3039707 | Canon Kabushiki Kaisha | 22/08/2014 | 3039707 | 14840489.0 | |
| 3039714 | Brooks Automation US, LLC | 26/08/2014 | 3039714 | 14766047.6 | |
| 3041579 | Mars, Incorporated | 05/09/2014 | 3041579 | 14761618.9 | |
| 3042034 | Swellfix B.V. | 29/07/2014 | 3042034 | 14745124.9 | |
| 3045139 | AMO Development, LLC | 10/01/2006 | 3045139 | 16157067.6 | |
| 3047676 | Canon Kabushiki Kaisha | 10/09/2014 | 3047676 | 14793629.8 | |
| 3055884 | Ideal Power Inc. | 10/12/2014 | 3055884 | 14870521.3 | |
| 3056268 | Nippon Shokubai Co., Ltd. | 09/10/2014 | 3056268 | 14852204.8 | |
| 3056726 | General Electric Company | 28/01/2016 | 3056726 | 16153240.3 | |

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| 3058226 | The Gorman-Rupp Company | 17/10/2014 | 3058226 | 14854438.0 | |
| 3061035 | Microsoft Technology Licensing, LLC | 21/10/2013 | 3061035 | 13895989.5 | |
| 3064142 | SOFRADIM PRODUCTION | 21/01/2010 | 3064142 | 16162421.8 | |
| 3068726 | Imperial College Innovations Limited | 14/11/2014 | 3068726 | 14802615.6 | |
| 3073377 | Intel Corporation | 01/02/2016 | 3073377 | 16153648.7 | |
| 3073918 | F. Hoffmann-La Roche AG | 27/11/2014 | 3073918 | 14805573.4 | |
| 3077190 | Wintech S.R.L. | 02/12/2014 | 3077190 | 14838809.3 | |
| 3081960 | Rockwell Automation Switzerland GmbH | 13/04/2015 | 3081960 | 15163320.3 | |
| 3087693 | Qualcomm Incorporated | 18/12/2014 | 3087693 | 14827946.6 | |
| 3091102 | Sumitomo Electric Hardmetal Corp. | 30/09/2015 | 3091102 | 15877908.2 | |
| 3101449 | PXGEO UK Limited | 27/05/2016 | 3101449 | 16305618.7 | |
| 3104421 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 08/06/2016 | 3104421 | 16173520.4 | French |
| 3104767 | Koninklijke Philips N.V. | 29/01/2015 | 3104767 | 15703908.2 | |
| 3106439 | Kurita Water Industries Ltd. | 26/01/2015 | 3106439 | 15748848.7 | |
| 3118110 | Airbus Operations Limited | 08/07/2016 | 3118110 | 16178748.6 | |
| 3120984 | Mitsubishi Chemical Corporation | 13/02/2015 | 3120984 | 15749554.0 | |
| 3122877 | University of Maryland, College Park | 26/03/2015 | 3122877 | 15769590.9 | |
| 3123580 | Panduit Corp. | 23/03/2015 | 3123580 | 15715564.9 | |
| 3125764 | Koninklijke Philips N.V. | 23/03/2015 | 3125764 | 15712112.0 | |
| 3128500 | Honeywell International Inc. | 29/07/2016 | 3128500 | 16182097.2 | |
| 3129744 | Normet OY | 10/04/2015 | 3129744 | 15776161.0 | |
| 3131958 | IMERTECH SAS | 17/04/2015 | 3131958 | 15716075.5 | |
| 3135072 | Hewlett Packard Enterprise Development LP | 23/04/2015 | 3135072 | 15722321.5 | |
| 3136939 | Hagleitner, Hans Georg | 15/04/2015 | 3136939 | 15720616.0 | German |
| 3137410 | KHS GmbH | 13/04/2015 | 3137410 | 15715730.6 | German |
| 3140365 | Sumner, Glen R. | 07/05/2015 | 3140365 | 15788965.0 | |
| 3140512 | Trelleborg Ridderkerk B.V. | 01/05/2015 | 3140512 | 15718948.1 | |
| 3142043 | Jenetric GmbH | 04/08/2016 | 3142043 | 16182838.9 | German |
| 3145426 | Aegea Medical, Inc. | 21/05/2015 | 3145426 | 15796752.2 | |
| 3154426 | Koninklijke Philips N.V. | 08/06/2015 | 3154426 | 15726981.2 | |
| 3154539 | Lonza Consumer Health Inc. | 11/06/2015 | 3154539 | 15731207.5 | |
| 3157072 | Novald GmbH | 18/06/2008 | 3157072 | 16203223.9 | German |
| 3159310 | Veolia Water Solutions & Technologies Support | 23/10/2015 | 3159310 | 15003035.1 | German |
| 3162033 | InterDigital CE Patent Holdings | 25/06/2015 | 3162033 | 15733674.4 | |

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| 3162627 | Nifco Inc. | 23/06/2015 | 3162627 | 15810982.7 | |
| 3163419 | LG Display Co., Ltd. | 26/10/2016 | 3163419 | 16195757.6 | |
| 3163980 | Marelli Automotive Lighting Reutlingen (Germany) GmbH | 24/10/2016 | 3163980 | 16195284.1 | German |
| 3164756 | Bayerische Motoren Werke Aktiengesellschaft | 26/06/2015 | 3164756 | 15735877.1 | German |
| 3164775 | SZ DJI Technology Co., Ltd. | 31/03/2015 | 3164775 | 15874400.3 | |
| 3165683 | Sumitomo Heavy Industries, Ltd. | 01/07/2015 | 3165683 | 15814280.2 | |
| 3172138 | Duallok Limited | 27/07/2015 | 3172138 | 15759518.2 | |
| 3174118 | LG Display Co., Ltd. | 16/11/2016 | 3174118 | 16199175.7 | |
| 3174488 | Ondal Medical Systems GmbH | 09/07/2015 | 3174488 | 15738272.2 | German |
| 3176332 | Komatsu Ltd. | 24/03/2016 | 3176332 | 16768897.7 | |
| 3182040 | Samsung Electronics Co., Ltd. | 23/11/2016 | 3182040 | 16200257.0 | |
| 3182482 | LG Energy Solution, Ltd. | 12/08/2015 | 3182482 | 15857203.2 | |
| 3183099 | President and Fellows of Harvard College | 21/08/2015 | 3183099 | 15834529.8 | |
| 3189154 | Labrador Diagnostics LLC | 04/09/2015 | 3189154 | 15837388.6 | |
| 3193572 | Hamilton Sundstrand Corporation | 13/01/2017 | 3193572 | 17151516.6 | |
| 3195642 | Telefonaktiebolaget LM Ericsson (publ) | 21/05/2015 | 3195642 | 15837508.9 | |
| 3195923 | Hamilton Sundstrand Corporation | 10/01/2017 | 3195923 | 17150810.4 | |
| 3196613 | Kidde Technologies, Inc. | 04/01/2017 | 3196613 | 17150221.4 | |
| 3199565 | Sumitomo Chemical Company, Ltd. | 17/09/2015 | 3199565 | 15843285.6 | |
| 3201704 | Honeywell International Inc. | 30/09/2015 | 3201704 | 15781255.3 | |
| 3209259 | Fitesa Film Products LLC | 20/10/2015 | 3209259 | 15787831.5 | |
| 3215235 | Tyco Fire Products LP | 09/11/2015 | 3215235 | 15798302.4 | |
| 3216413 | Biosense Webster (Israel) Ltd. | 07/03/2017 | 3216413 | 17159516.8 | |
| 3220463 | Toray Industries, Inc. | 29/10/2015 | 3220463 | 15859292.3 | |
| 3221132 | AIRBUS (SAS) | 19/11/2015 | 3221132 | 15798044.2 | French |
| 3223270 | Samsung Display Co., Ltd. | 14/03/2017 | 3223270 | 17160874.8 | |
| 3229255 | Thermik Gerätebau GmbH | 04/08/2014 | 3229255 | 17172229.1 | German |
| 3229722 | Think Surgical, Inc. | 07/12/2015 | 3229722 | 15868129.6 | |
| 3234312 | thyssenkrupp Dynamic Components TecCenter AG | 06/10/2015 | 3234312 | 15777920.8 | German |
| 3235196 | INTEL Corporation | 21/11/2015 | 3235196 | 15870611.9 | |
| 3235611 | Kawasaki Jukogyo Kabushiki Kaisha | 30/11/2015 | 3235611 | 15869779.7 | |
| 3236156 | Raytheon Technologies Corporation | 20/04/2017 | 3236156 | 17167410.4 | |
| 3239045 | Goodrich Corporation | 28/04/2017 | 3239045 | 17168842.7 | |
| 3239143 | LG Chem, Ltd. | 23/12/2015 | 3239143 | 15873645.4 | |

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| 3240562 | The Board of Trustees of the Leland Stanford Junior University | 28/12/2015 | 3240562 | 15876103.1 | |
| 3240632 | BP (China) Holdings Limited Dalian Institute Of Chemical Physics Chinese Academy of Sciences | 28/12/2015 | 3240632 | 15875191.7 | |
| 3246779 | General Electric Company | 17/05/2017 | 3246779 | 17171505.5 | |
| 3247161 | NEC Corporation | 25/07/2012 | 3247161 | 17177978.8 | |
| 3247547 | Univation Technologies, LLC | 20/01/2016 | 3247547 | 16704962.6 | |
| 3249641 | Samsung Display Co., Ltd. | 25/05/2017 | 3249641 | 17172945.2 | |
| 3255281 | ZIEHL-ABEGG SE | 02/06/2017 | 3255281 | 17000947.6 | German |
| 3255780 | Hamilton Sundstrand Corporation | 31/05/2017 | 3255780 | 17173698.6 | |
| 3256186 | TC1 LLC | 12/02/2016 | 3256186 | 16749989.6 | |
| 3256748 | Evans, Joseph | 27/01/2016 | 3256748 | 16707502.7 | |
| 3259246 | Oregon Health & Science University | 19/02/2016 | 3259246 | 16753172.2 | |
| 3265608 | DSM IP Assets B.V. | 26/02/2016 | 3265608 | 16706858.4 | |
| 3266290 | Hewlett Packard Enterprise Development LP | 22/01/2016 | 3266290 | 16886745.5 | |
| 3268782 | Hewlett Packard Enterprise Development LP | 08/07/2015 | 3268782 | 15897864.3 | |
| 3272697 | Liebherr-Verzahntechnik GmbH | 14/06/2017 | 3272697 | 17176021.8 | German |
| 3272782 | Mitsubishi Gas Chemical Company, Inc. | 04/02/2016 | 3272782 | 16764566.2 | |
| 3273375 | Ortoma AB | 17/10/2013 | 3273375 | 17183381.7 | |
| 3274145 | Sikorsky Aircraft Corporation | 22/01/2016 | 3274145 | 16769194.8 | |
| 3275717 | Beijing Xiaomi Mobile Software Co., Ltd. | 30/03/2017 | 3275717 | 17163907.3 | |
| 3277180 | F. Hoffmann-La Roche AG | 01/04/2016 | 3277180 | 16716399.7 | |
| 3277676 | Pierre Fabre Médicament Centre National de la Recherche Scientifique (CNRS) Universita'Degli Studi di Roma "La Sapienza" | 25/03/2016 | 3277676 | 16711848.8 | |
| 3280361 | Centinel Spine, LLC | 08/04/2016 | 3280361 | 16777435.5 | |
| 3280508 | Cytiva BioProcess R&D AB | 04/04/2016 | 3280508 | 16713486.5 | |

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| 3283024 | Eyevensys Université Paris Cité Assistance Publique Hôpitaux de Paris INSERM (Institut National de la Santé et de la Recherche Médicale) SORBONNE UNIVERSITE | 13/04/2016 | 3283024 | 16717597.5 | |
| 3283726 | Hunting Titan Inc. | 14/04/2016 | 3283726 | 16780763.5 | |
| 3284073 | Curtis, Paul Stewart | 13/04/2016 | 3284073 | 16780666.0 | |
| 3291843 | University of South Florida | 09/05/2016 | 3291843 | 16790226.1 | |
| 3292254 | ISF Energies | 04/05/2016 | 3292254 | 16723443.4 | French |
| 3293703 | Airbus Operations GmbH | 07/09/2016 | 3293703 | 16187650.3 | |
| 3294120 | Covidien LP | 05/05/2016 | 3294120 | 16724202.3 | |
| 3299562 | Stabilus GmbH | 20/09/2017 | 3299562 | 17192076.2 | German |
| 3300131 | Samsung Display Co., Ltd. | 22/09/2017 | 3300131 | 17192749.4 | |
| 3301937 | Panasonic Intellectual Property Management Co., Ltd. | 11/04/2014 | 3301937 | 17193229.6 | |
| 3304659 | Petrescu-Prahova, Iulian Basarab | 05/06/2015 | 3304659 | 15894465.2 | |
| 3305679 | Toppan Printing Co., Ltd. | 01/02/2013 | 3305679 | 17204861.3 | |
| 3308687 | Kingclean Electric Co., Ltd. | 19/11/2015 | 3308687 | 15894802.6 | |
| 3308918 | Aerospace Information Research Institute, Chinese Academy of Sciences Guangxi Academy of Sciences Guangxi Lisheng Stone Co., Ltd. Guangxi Hezhou Mining Industry Investment Group | 07/09/2015 | 3308918 | 15894733.3 | |
| 3309193 | KYOCERA Corporation | 10/06/2016 | 3309193 | 16807591.9 | |
| 3310047 | Samsung Electronics Co., Ltd. | 21/12/2015 | 3310047 | 15897272.9 | |
| 3312577 | Samsung Electronics Co., Ltd. | 27/03/2017 | 3312577 | 17163048.6 | |
| 3313350 | suitX, Inc. The Regents of the University of California | 27/06/2016 | 3313350 | 16815513.3 | |
| 3313772 | Alfred Cheyne Engineering Limited | 17/06/2016 | 3313772 | 16738848.7 | |
| 3315130 | Laboratoires Vivacy | 30/10/2017 | 3315130 | 17199287.8 | French |
| 3315745 | Mitsubishi Heavy Industries, Ltd. | 13/12/2016 | 3315745 | 16881622.1 | |
| 3315746 | Collins Engine Nozzles, Inc. | 25/10/2017 | 3315746 | 17198186.3 | |
| 3317341 | Dow Global Technologies LLC | 21/06/2016 | 3317341 | 16736654.1 | |
| 3317924 | Turntide Drives Limited | 04/07/2016 | 3317924 | 16744833.1 | |

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| 3318179 | Soonchunhyang University Industry Academy Cooperation Foundation | 07/12/2015 | 3318179 | 15897267.9 | |
| 3318936 | ABB S.p.A. | 08/11/2016 | 3318936 | 16197701.2 | |
| 3319075 | IMEC VZW Katholieke Universiteit Leuven | 03/11/2016 | 3319075 | 16197152.8 | |
| 3319899 | VINCORION Advanced Systems GmbH | 07/07/2016 | 3319899 | 16738113.6 | German |
| 3320040 | Arkema, Inc. | 29/06/2016 | 3320040 | 16821818.8 | |
| 3320942 | Drägerwerk AG & Co. KGaA | 05/08/2008 | 3320942 | 17205818.2 | |
| 3322225 | Huawei Technologies Co., Ltd. | 21/09/2015 | 3322225 | 15904315.7 | |
| 3322563 | Q-Bot Limited | 13/07/2016 | 3322563 | 16753415.5 | |
| 3324201 | Veoneer Sweden AB | 22/11/2016 | 3324201 | 16199950.3 | |
| 3324883 | Confluent Medical Technologies, Inc. | 21/07/2016 | 3324883 | 16828563.3 | |
| 3325346 | Safran Aircraft Engines | 21/07/2016 | 3325346 | 16757291.6 | French |
| 3330524 | Raytheon Technologies Corporation | 04/12/2017 | 3330524 | 17205089.0 | |
| 3331939 | GranBio Intellectual Property Holdings, LLC | 04/08/2016 | 3331939 | 16833864.8 | |
| 3332349 | Samsung Electronics Co., Ltd. | 26/09/2016 | 3332349 | 16852026.0 | |
| 3333824 | HERE Global B.V. | 05/12/2017 | 3333824 | 17205545.1 | |
| 3336450 | Lennox Industries Inc. | 08/12/2017 | 3336450 | 17206120.2 | |
| 3342898 | Mitsubishi Materials Corporation | 03/08/2016 | 3342898 | 16839041.7 | |
| 3345961 | LG Chem, Ltd. | 28/12/2016 | 3345961 | 16915409.3 | |
| 3346167 | Baoji Yixin Metals Product Works | 10/08/2016 | 3346167 | 16840494.5 | |
| 3346295 | General Electric Company | 20/12/2017 | 3346295 | 17208861.9 | |
| 3348138 | Technische Hochschule Mittelhessen | 11/01/2017 | 3348138 | 17150917.7 | German |
| 3348162 | YKK Corporation | 11/09/2015 | 3348162 | 15903639.1 | |
| 3352518 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 06/09/2016 | 3352518 | 16846316.4 | |
| 3353030 | Apple Inc. | 22/09/2016 | 3353030 | 16781909.3 | |
| 3354426 | BHS Corrugated Maschinen-und Anlagenbau GmbH | 18/01/2018 | 3354426 | 18152293.9 | German |
| 3354955 | Georg Fischer Harvel LLC | 11/01/2018 | 3354955 | 18151276.5 | |
| 3355144 | Omron Corporation | 24/10/2017 | 3355144 | 17198114.5 | |
| 3356959 | Microsoft Technology Licensing, LLC | 26/09/2016 | 3356959 | 16778604.5 | |
| 3357548 | Omron Corporation | 30/09/2016 | 3357548 | 16851826.4 | |
| 3360524 | Fuji Corporation | 06/10/2015 | 3360524 | 15905784.3 | |
| 3360939 | Daicel Corporation | 04/10/2016 | 3360939 | 16853570.6 | |

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| 3364458 | NICHIA CORPORATION | 15/02/2018 | 3364458 | 18156901.3 | |
| 3364867 | Edwards Lifesciences Corporation | 21/10/2015 | 3364867 | 15895855.3 | |
| 3365710 | Chevron U.S.A. Inc. | 07/09/2016 | 3365710 | 16778490.9 | |
| 3365731 | Hewlett-Packard Development Company, L.P. | 06/01/2017 | 3365731 | 17741598.1 | |
| 3365811 | Oracle International Corporation | 22/10/2016 | 3365811 | 16788924.5 | |
| 3366994 | AIR PRODUCTS AND CHEMICALS, INC. | 20/02/2018 | 3366994 | 18157679.4 | |
| 3367353 | THALES | 28/02/2018 | 3367353 | 18159092.8 | French |
| 3368080 | IO Therapeutics, Inc. | 31/10/2016 | 3368080 | 16861054.1 | |
| 3369466 | Nintendo Co., Ltd. | 06/09/2017 | 3369466 | 17189617.8 | |
| 3369569 | Bundesdruckerei GmbH | 17/01/2018 | 3369569 | 18152004.0 | German |
| 3370374 | Huawei Technologies Co., Ltd. | 28/11/2015 | 3370374 | 15909105.7 | |
| 3370560 | Nike Innovate C.V. | 02/11/2016 | 3370560 | 16862850.1 | |
| 3371423 | Vitesco Technologies GmbH | 03/11/2016 | 3371423 | 16791571.9 | German |
| 3374550 | ITEMA S.p.A. | 10/11/2016 | 3374550 | 16831513.3 | |
| 3374732 | Habrich, Björn | 08/11/2016 | 3374732 | 16794585.6 | German |
| 3375479 | Boston Scientific Scimed, Inc. | 11/01/2008 | 3375479 | 18162786.0 | |
| 3377675 | Enlighten Innovations Inc. | 18/11/2016 | 3377675 | 16867306.9 | |
| 3377740 | Volkswagen Aktiengesellschaft | 17/11/2016 | 3377740 | 16797909.5 | German |
| 3381665 | Crompton Technology Group Limited | 31/03/2017 | 3381665 | 17164438.8 | |
| 3383354 | Symrise AG | 03/12/2015 | 3383354 | 15817770.9 | |
| 3386701 | Verifi LLC | 07/12/2015 | 3386701 | 15910337.3 | |
| 3389357 | Rhenac Greentec AG | 19/12/2016 | 3389357 | 16826307.7 | German |
| 3391471 | TE Connectivity Germany GmbH | 13/12/2016 | 3391471 | 16825343.3 | |
| 3392768 | THALES | 17/04/2018 | 3392768 | 18167647.9 | French |
| 3393149 | Valmet Automation Oy | 18/04/2017 | 3393149 | 17166758.7 | |
| 3393270 | Herbert Ospelt Anstalt | 21/12/2016 | 3393270 | 16826038.8 | German |
| 3393387 | Stryker Corporation | 22/12/2016 | 3393387 | 16831602.4 | |
| 3395187 | Otsuka Pharmaceutical Co., Ltd. | 22/12/2016 | 3395187 | 16878875.0 | |
| 3395934 | LG Household & Health Care Ltd. | 22/12/2016 | 3395934 | 16879365.1 | |
| 3396834 | NXP B.V. | 28/04/2017 | 3396834 | 17168832.8 | |
| 3397117 | Sleep Number Corporation | 22/12/2016 | 3397117 | 16826564.3 | |
| 3397835 | Baker Hughes Holdings LLC | 06/12/2016 | 3397835 | 16876396.9 | |
| 3398190 | Yasar Universitesi | 30/12/2015 | 3398190 | 15832970.6 | |
| 3399421 | Huawei Technologies Co., Ltd. | 19/02/2016 | 3399421 | 16890206.2 | |
| 3399568 | Novald GmbH | 30/11/2012 | 3399568 | 18177915.8 | |
| 3401425 | Jushi Group Co., Ltd. | 19/06/2017 | 3401425 | 17894668.7 | |

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| 3402843 | Arkema France | 11/01/2017 | 3402843 | 17700245.8 | |
| 3403930 | Goodrich Corporation | 17/05/2018 | 3403930 | 18172874.2 | |
| 3404214 | Raytheon Technologies Corporation | 02/05/2018 | 3404214 | 18170407.3 | |
| 3406296 | Oticon Medical A/S | 18/05/2018 | 3406296 | 18173281.9 | |
| 3407816 | Boston Scientific Scimed, Inc. | 26/01/2017 | 3407816 | 17707132.1 | |
| 3409970 | Meritor Heavy Vehicle Braking Systems (UK) Limited | 01/06/2018 | 3409970 | 18175490.4 | |
| 3411507 | Advanced Alloy Holdings Pty Ltd. | 31/01/2017 | 3411507 | 17746639.8 | |
| 3413652 | Datang Mobile Communications Equipment Co., Ltd. | 18/01/2017 | 3413652 | 17746771.9 | |
| 3414491 | General Electric Company | 31/12/2015 | 3414491 | 15828889.4 | |
| 3414856 | Telefonaktiebolaget LM Ericsson (PUBL) | 01/06/2016 | 3414856 | 16729399.2 | |
| 3415541 | INDIAN OIL CORPORATION Ltd. | 09/03/2018 | 3415541 | 18160961.1 | |
| 3415885 | Simmonds Precision Products, Inc. | 12/06/2018 | 3415885 | 18177290.6 | |
| 3416658 | Kyoto Prefectural Public University Corporation | 14/02/2017 | 3416658 | 17709487.7 | |
| 3419186 | QUALCOMM Incorporated | 10/07/2009 | 3419186 | 18185276.5 | |
| 3419328 | Nokia Solutions and Networks Oy | 22/06/2018 | 3419328 | 18179392.8 | |
| 3419562 | Cochlear Limited | 13/02/2017 | 3419562 | 17755899.6 | |
| 3420362 | The Binding Site Group Limited | 24/02/2017 | 3420362 | 17708323.5 | |
| 3421230 | Hamilton Sundstrand Corporation | 05/06/2018 | 3421230 | 18176084.4 | |
| 3423662 | SCHÜCO International KG | 24/02/2017 | 3423662 | 17707295.6 | German |
| 3424705 | Mitsui Chemicals, Inc. | 01/03/2017 | 3424705 | 17760076.4 | |
| 3425411 | Sumitomo Electric Industries, Ltd. | 02/03/2017 | 3425411 | 17760154.9 | |
| 3426179 | Lang, Philipp K. | 10/03/2017 | 3426179 | 17767220.1 | |
| 3428422 | TOYOTA JIDOSHA KABUSHIKI KAISHA | 10/07/2018 | 3428422 | 18182734.6 | |
| 3428568 | HS Marston Aerospace Limited | 10/07/2017 | 3428568 | 17180588.0 | |
| 3429798 | Bayerische Motoren Werke Aktiengesellschaft | 24/01/2017 | 3429798 | 17701137.6 | German |
| 3429876 | SAINT-GOBAIN GLASS FRANCE | 22/02/2017 | 3429876 | 17705913.6 | German |
| 3432333 | ABB Schweiz AG | 21/07/2017 | 3432333 | 17182665.4 | |
| 3432433 | Fujitsu General Limited | 08/09/2016 | 3432433 | 16894497.3 | |
| 3432973 | Therabody, Inc. | 22/03/2017 | 3432973 | 17769522.8 | |
| 3434122 | China Tobacco Hunan Industrial Co., Ltd. | 16/12/2016 | 3434122 | 16914942.4 | |
| 3434422 | Joseph Vögele AG | 13/07/2018 | 3434422 | 18183352.6 | German |

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| 3436100 | CID S.p.A. | 28/03/2017 | 3436100 | 17724281.5 | |
| 3436133 | Sartorius Stedim FMT SAS | 30/03/2017 | 3436133 | 17720187.8 | French |
| 3436468 | Chromacode, Inc. | 30/03/2017 | 3436468 | 17776626.8 | |
| 3437806 | VOLKSWAGEN AKTIENGESELLSCHAFT | 13/06/2018 | 3437806 | 18177516.4 | German |
| 3439590 | Air Products and Chemicals, Inc. | 03/04/2017 | 3439590 | 17718223.5 | |
| 3439647 | N.V. Nutricia | 04/04/2016 | 3439647 | 16730030.0 | |
| 3442693 | Honemeyer, Christian | 11/10/2017 | 3442693 | 17783486.8 | German |
| 3444181 | The Boeing Company | 09/07/2018 | 3444181 | 18182349.3 | |
| 3444947 | Murata Manufacturing Co., Ltd. | 13/01/2017 | 3444947 | 17802343.8 | |
| 3446656 | Cook Medical Technologies LLC | 01/05/2013 | 3446656 | 18201026.4 | |
| 3447513 | NXP B.V. | 04/04/2018 | 3447513 | 18165719.8 | |
| 3447984 | InterDigital Patent Holdings, Inc. | 10/08/2012 | 3447984 | 18176845.8 | |
| 3451034 | TE Connectivity Corporation | 23/08/2018 | 3451034 | 18190398.0 | |
| 3451890 | Alfred Kärcher SE & Co. KG | 04/05/2016 | 3451890 | 16722134.0 | German |
| 3452000 | Otto Bock Mobility Solutions GmbH | 26/04/2017 | 3452000 | 17719593.0 | German |
| 3452122 | Medtronic, Inc. | 02/05/2017 | 3452122 | 17723206.3 | |
| 3453810 | Skylux N.V. | 17/05/2018 | 3453810 | 18172991.4 | |
| 3454706 | Alfred Kärcher SE & Co. KG | 12/05/2016 | 3454706 | 16722234.8 | German |
| 3455420 | Wallgate Limited | 11/05/2017 | 3455420 | 17724879.6 | |
| 3456069 | Nokia Technologies Oy | 12/05/2016 | 3456069 | 16901563.3 | |
| 3456114 | Telefonaktiebolaget LM Ericsson (PUBL) | 11/05/2017 | 3456114 | 17729365.1 | |
| 3457008 | Hamilton Sundstrand Corporation | 17/09/2018 | 3457008 | 18194809.2 | |
| 3457722 | NTT DOCOMO, INC. | 11/05/2017 | 3457722 | 17796212.3 | |
| 3457947 | Acist Medical Systems, Inc. | 18/05/2017 | 3457947 | 17727054.3 | |
| 3458959 | AB Initio Technology LLC | 17/05/2017 | 3458959 | 17727046.9 | |
| 3459429 | Intuitive Surgical Operations, Inc. | 11/05/2011 | 3459429 | 18205738.0 | |
| 3460507 | Infineon Technologies AG | 25/09/2018 | 3460507 | 18196439.6 | |
| 3461114 | Weihai Hualing Opto-Electronics Co., Ltd. | 10/02/2017 | 3461114 | 17798499.4 | |
| 3461148 | Starkey Laboratories, Inc. | 19/08/2015 | 3461148 | 18195310.0 | |
| 3462469 | Copreci, S.Coop. | 27/09/2017 | 3462469 | 17382640.5 | |
| 3462626 | ALSTOM Transport Technologies | 28/09/2018 | 3462626 | 18197626.7 | French |
| 3464220 | Chevron Phillips Chemical Company LP | 17/05/2017 | 3464220 | 17726795.2 | |
| 3464799 | Bisn Tec Ltd | 24/05/2017 | 3464799 | 17727313.3 | |
| 3467080 | Kao Corporation | 30/05/2017 | 3467080 | 17806669.2 | |

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| 3467231 | BAT S.P.A. | 19/09/2018 | 3467231 | 18195356.3 | |
| 3469329 | Apple Inc. | 25/06/2017 | 3469329 | 17737951.8 | |
| 3469383 | Allegro MicroSystems, LLC | 25/05/2017 | 3469383 | 17728390.0 | |
| 3469875 | Deere & Company | 09/10/2018 | 3469875 | 18199265.2 | |
| 3470290 | Mitsubishi Electric Corporation | 09/06/2016 | 3470290 | 16904642.2 | |
| 3470671 | General Electric Company | 02/10/2018 | 3470671 | 18198194.5 | |
| 3470835 | BoydSense, Inc. | 13/10/2017 | 3470835 | 17196426.5 | |
| 3471419 | Huawei Technologies Co., Ltd. | 24/06/2013 | 3471419 | 18184360.8 | |
| 3471928 | KUKA Deutschland GmbH Deutsches Zentrum für Luft- und Raumfahrt e.V. | 20/06/2017 | 3471928 | 17732030.6 | German |
| 3471969 | Conte | 20/06/2017 | 3471969 | 17742803.4 | French |
| 3472094 | Veolia Environnement | 20/06/2017 | 3472094 | 17742804.2 | French |
| 3473114 | China Tobacco Guizhou Industrial Co., Ltd. | 22/12/2017 | 3473114 | 17210521.5 | |
| 3473141 | SEB S.A. | 16/10/2018 | 3473141 | 18200579.3 | French |
| 3473243 | Pola Pharma Inc. | 09/06/2017 | 3473243 | 17813234.6 | |
| 3473898 | Christian Maier GmbH & Co. KG | 01/10/2018 | 3473898 | 18197859.4 | German |
| 3473950 | Ali Group S.r.l. - Carpigiani | 10/10/2018 | 3473950 | 18199680.2 | |
| 3475196 | KHS GmbH | 24/05/2017 | 3475196 | 17727169.9 | German |
| 3476909 | FUJIFILM Electronic Materials U.S.A., Inc. | 27/07/2018 | 3476909 | 18185990.1 | |
| 3478104 | Nicoventures Trading Limited | 27/06/2017 | 3478104 | 17740630.3 | |
| 3478314 | The Board of Trustees of the Leland Stanford Junior University | 30/06/2017 | 3478314 | 17821402.9 | |
| 3478530 | Bayerische Motoren Werke Aktiengesellschaft | 09/05/2017 | 3478530 | 17723057.0 | German |
| 3479775 | Shanghai Microport Medbot (Group) Co., Ltd. | 29/03/2017 | 3479775 | 17818869.4 | |
| 3480221 | LG Chem, Ltd. | 25/10/2017 | 3480221 | 17870005.0 | |
| 3482558 | Koninklijke KPN N.V. Nederlandse Organisatie voor toegepast- natuurwetenschappelijk onderzoek TNO | 04/07/2017 | 3482558 | 17737532.6 | |
| 3482695 | Covidien LP | 08/11/2018 | 3482695 | 18205075.7 | |
| 3482881 | Metabowerke GmbH | 08/11/2018 | 3482881 | 18205200.1 | German |
| 3483091 | FAUN Umwelttechnik GmbH & Co. KG | 09/02/2018 | 3483091 | 18215400.5 | German |

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| 3483092 | Dennis Eagle Ltd. | 13/11/2017 | 3483092 | 17382767.6 | |
| 3483097 | TRUMPF Werkzeugmaschinen GmbH + Co. KG J. Schmalz GmbH | 02/10/2018 | 3483097 | 18198177.0 | German |
| 3483336 | VALMET AB | 18/10/2018 | 3483336 | 18446503.7 | |
| 3483434 | Alfa S.r.l. | 13/10/2015 | 3483434 | 18215270.2 | |
| 3485197 | Indian Institute of Technology (IIT Madras) Aerostrovilos Energy Private Limited | 14/07/2017 | 3485197 | 17827143.3 | |
| 3486314 | Celularity Inc. | 28/12/2006 | 3486314 | 18196002.2 | |
| 3486981 | Zeon Corporation | 05/07/2017 | 3486981 | 17827508.7 | |
| 3488184 | Harman International Industries, Incorporated | 21/07/2017 | 3488184 | 17831937.2 | |
| 3488198 | Vitesco Technologies GmbH | 10/07/2017 | 3488198 | 17737278.6 | German |
| 3488495 | WAYMO LLC | 06/07/2017 | 3488495 | 17831561.0 | |
| 3488683 | Gregoire | 19/11/2018 | 3488683 | 18206965.8 | French |
| 3488835 | Geuder AG | 15/10/2018 | 3488835 | 18200477.0 | German |
| 3489668 | C A Casyso GmbH | 25/11/2015 | 3489668 | 19151809.1 | |
| 3489733 | Ventana Medical Systems, Inc. | 18/06/2012 | 3489733 | 18213715.8 | |
| 3489827 | Siemens Aktiengesellschaft | 11/06/2013 | 3489827 | 18212026.1 | |
| 3490782 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 31/07/2017 | 3490782 | 17746469.0 | German |
| 3490948 | Medtronic Advanced Energy LLC | 14/11/2017 | 3490948 | 17817941.2 | |
| 3490992 | Aptinyx Inc. | 01/08/2017 | 3490992 | 17751544.2 | |
| 3493882 | Illinois Tool Works, Inc. | 24/07/2017 | 3493882 | 17751168.0 | |
| 3493920 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 04/08/2017 | 3493920 | 17755083.7 | German |
| 3494273 | Mypro Research S.r.l. | 19/07/2017 | 3494273 | 17748946.5 | |
| 3494391 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 03/08/2017 | 3494391 | 17748747.7 | German |
| 3495095 | The Boeing Company | 07/11/2018 | 3495095 | 18205028.6 | |
| 3496693 | Razor USA LLC | 14/08/2017 | 3496693 | 17841948.7 | |
| 3497274 | Vandewiele Sweden AB | 20/06/2017 | 3497274 | 17839920.0 | |
| 3497857 | Qualcomm Incorporated | 28/07/2017 | 3497857 | 17749322.8 | |
| 3499515 | Borealis AG | 12/12/2017 | 3499515 | 17206672.2 | |
| 3500522 | King Abdullah University of Science and Technology | 01/08/2017 | 3500522 | 17777372.8 | |
| 3503211 | AE 111 Autarke Energie GmbH | 21/12/2017 | 3503211 | 17209638.0 | German |

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| 3505215 | Greatbatch Ltd. | 01/03/2012 | 3505215 | 19154697.7 | |
| 3505606 | Nippon Steel Corporation | 24/08/2017 | 3505606 | 17843684.6 | |
| 3507584 | Honeywell International Inc. | 28/08/2017 | 3507584 | 17764948.0 | |
| 3507823 | Swinburne University of Technology | 29/08/2017 | 3507823 | 17844672.0 | |
| 3509002 | Socionext Inc. | 09/05/2017 | 3509002 | 17845777.6 | |
| 3510030 | F. Hoffmann-La Roche AG | 02/09/2017 | 3510030 | 17761254.6 | |
| 3510275 | Wobben Properties GmbH | 06/09/2017 | 3510275 | 17761886.5 | German |
| 3510634 | Centre National de la Recherche Scientifique Université Grenoble Alpes | 05/09/2017 | 3510634 | 17780464.8 | French |
| 3511310 | Inergyclean Technology, S.L. | 08/09/2016 | 3511310 | 16915626.2 | |
| 3511502 | Gebr. Willach GmbH | 20/12/2018 | 3511502 | 18214793.4 | German |
| 3512548 | Bionomics Limited | 14/09/2017 | 3512548 | 17849922.4 | |
| 3513083 | Acument Intellectual Properties LLC | 14/09/2017 | 3513083 | 17851541.7 | |
| 3515648 | Tata Steel Nederland Technology B.V. | 04/07/2017 | 3515648 | 17734107.0 | |
| 3516259 | KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH | 15/09/2017 | 3516259 | 17768443.8 | German |
| 3518644 | Fuji Corporation | 20/09/2016 | 3518644 | 16916729.3 | |
| 3519846 | Dolby Laboratories Licensing Corporation Dolby International AB | 28/09/2017 | 3519846 | 17778459.2 | |
| 3520421 | British Telecommunications public limited company | 29/09/2017 | 3520421 | 17780371.5 | |
| 3521952 | Omron Corporation | 23/08/2017 | 3521952 | 17855496.0 | |
| 3522241 | Momentive Performance Materials Korea Co., Ltd. | 26/09/2017 | 3522241 | 17856693.1 | |
| 3522247 | Sumitomo Chemical Company Limited | 27/09/2017 | 3522247 | 17856225.2 | |
| 3522581 | Hewlett Packard Enterprise Development LP | 24/05/2018 | 3522581 | 18174186.9 | |
| 3524745 | Pakon AG | 10/12/2018 | 3524745 | 18211406.6 | German |
| 3524961 | Tianhua Institute of Chemical Machinery and Automation Co., Ltd. | 15/05/2017 | 3524961 | 17901567.2 | |
| 3525615 | Tangle Teezer Limited | 11/10/2017 | 3525615 | 17794041.8 | |
| 3525749 | Mondo Minerals B.V. | 14/10/2016 | 3525749 | 16781801.2 | |
| 3526552 | International Road Dynamics, Inc. | 11/10/2017 | 3526552 | 17860733.9 | |
| 3526851 | CPS Technology Holdings LLC | 12/10/2017 | 3526851 | 17788072.1 | |
| 3527484 | Airbus Operations GmbH | 31/01/2012 | 3527484 | 19160751.4 | |
| 3527772 | Finglas S.r.l. | 16/11/2016 | 3527772 | 19167675.8 | |

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|---------|---|------------|---------|------------|--------|
| 3528752 | Medacta International SA | 16/10/2017 | 3528752 | 17797749.3 | |
| 3528890 | Boston Scientific Neuromodulation Corporation | 19/10/2017 | 3528890 | 17791901.6 | |
| 3529002 | Hilti Aktiengesellschaft | 17/10/2017 | 3529002 | 17783530.3 | German |
| 3529689 | Samsung Electronics Co., Ltd. | 14/11/2017 | 3529689 | 17869932.8 | |
| 3529706 | Advanced Micro Devices, Inc. | 19/09/2017 | 3529706 | 17862965.5 | |
| 3530192 | iThera Medical GmbH | 10/06/2015 | 3530192 | 19161869.3 | |
| 3531147 | Taiwan Semiconductor Manufacturing Co., Ltd. | 22/02/2019 | 3531147 | 19158801.1 | |
| 3532515 | Bridgestone Corporation | 31/10/2017 | 3532515 | 17864130.4 | |
| 3533752 | Jungheinrich Aktiengesellschaft | 22/02/2019 | 3533752 | 19158782.3 | German |
| 3535162 | Gentex Corporation | 01/11/2017 | 3535162 | 17867384.4 | |
| 3535379 | ZIEMANN HOLVRIEKA GmbH | 02/11/2017 | 3535379 | 17801023.7 | German |
| 3535662 | Mitsubishi Electric Corporation | 06/10/2017 | 3535662 | 17800620.1 | |
| 3535929 | Microsoft Technology Licensing, LLC | 27/10/2017 | 3535929 | 17805311.2 | |
| 3538999 | Microsoft Technology Licensing, LLC | 03/11/2017 | 3538999 | 17800674.8 | |
| 3539238 | Sony Group Corporation | 05/12/2017 | 3539238 | 17826443.8 | |
| 3539765 | LG Chem, Ltd. | 30/10/2017 | 3539765 | 17870115.7 | |
| 3541734 | INVENTIO AG | 09/11/2017 | 3541734 | 17794349.5 | German |
| 3541929 | Société des Produits Nestlé S.A. | 03/11/2017 | 3541929 | 17791432.2 | |
| 3542076 | SWG Schraubenwerk Gaisbach GmbH | 21/11/2017 | 3542076 | 17804523.3 | German |
| 3544818 | Siemens Industry Software Inc. | 30/03/2018 | 3544818 | 18720450.8 | |
| 3545168 | Halliburton Energy Services, Inc. | 06/02/2017 | 3545168 | 17895293.3 | |
| 3545554 | Mitsubishi Electric Corporation | 27/09/2017 | 3545554 | 17794095.4 | |
| 3547110 | Palantir Technologies Inc. | 27/03/2019 | 3547110 | 19165532.3 | |
| 3548244 | Webasto SE | 22/11/2017 | 3548244 | 17811225.6 | German |
| 3548593 | Zynon Technologies, LLC | 30/11/2017 | 3548593 | 17877193.7 | |
| 3548964 | Hubbell Incorporated | 05/12/2017 | 3548964 | 17877935.1 | |
| 3549504 | Skybest Electric Appliance (Suzhou) Co., Ltd. | 05/12/2017 | 3549504 | 17877042.6 | |
| 3550129 | Transtro, Inc. Isuzu Motors Limited | 04/12/2017 | 3550129 | 17877703.3 | |
| 3550285 | TECAN TRADING AG | 09/01/2014 | 3550285 | 19176991.8 | |
| 3550299 | Horiba Advanced Techno Co., Ltd. | 04/12/2017 | 3550299 | 17880442.3 | |
| 3551696 | SABIC Global Technologies B.V. | 12/12/2017 | 3551696 | 17825781.2 | |
| 3551984 | MEAS Switzerland S.a.r.l. | 05/12/2017 | 3551984 | 17808929.8 | |
| 3552034 | HAGER-ELECTRO SAS | 05/12/2017 | 3552034 | 17822373.1 | French |
| 3552141 | Bundesdruckerei GmbH | 05/12/2017 | 3552141 | 17828662.1 | German |

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| 3552268 | Nokia Technologies Oy | 08/12/2017 | 3552268 | 17816660.9 | |
| 3552280 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 07/12/2017 | 3552280 | 17825139.3 | German |
| 3552887 | Volvo Car Corporation | 13/04/2018 | 3552887 | 18167279.1 | |
| 3552994 | Sidel S.p.A. | 13/04/2018 | 3552994 | 18167247.8 | |
| 3553410 | Bosch Termoteknik Isitma ve Klima Sanayi Ticaret Anonim Sirketi | 29/03/2019 | 3553410 | 19166075.2 | German |
| 3553843 | SK On Co., Ltd. | 06/12/2017 | 3553843 | 17877920.3 | |
| 3554367 | Koninklijke Philips N.V. | 13/12/2017 | 3554367 | 17823066.0 | |
| 3554603 | Turmidas AB | 13/12/2017 | 3554603 | 17825169.0 | |
| 3554844 | Hewlett-Packard Development Company, L.P. | 31/01/2017 | 3554844 | 17895451.7 | |
| 3555017 | IMERTECH SAS | 18/12/2017 | 3555017 | 17835657.2 | |
| 3555204 | Dow Global Technologies LLC | 18/12/2017 | 3555204 | 17829429.4 | |
| 3555206 | Abu Dhabi Polymers Co. Ltd (Borouge) LLC. Borealis AG | 30/11/2017 | 3555206 | 17804216.4 | |
| 3555374 | Soletanche Freyssinet | 13/12/2017 | 3555374 | 17825903.2 | French |
| 3556176 | Netsia, Inc. | 15/12/2017 | 3556176 | 17826301.8 | |
| 3558529 | Sandvik Intellectual Property AB | 21/12/2016 | 3558529 | 16820262.0 | |
| 3558705 | Compagnie Générale des Etablissements Michelin | 21/12/2017 | 3558705 | 17829268.6 | French |
| 3559590 | Moser, Kuno | 22/12/2017 | 3559590 | 17832035.4 | German |
| 3559773 | Vorwerk & Co. Interholding GmbH | 20/12/2017 | 3559773 | 17832951.2 | German |
| 3559903 | HeartFlow, Inc. | 22/12/2017 | 3559903 | 17833053.6 | |
| 3559995 | Quantum-Si Incorporated | 22/12/2017 | 3559995 | 17832851.4 | |
| 3560386 | Kokuyo Co., Ltd. | 21/12/2016 | 3560386 | 16924780.6 | |
| 3561554 | Chongqing Hylon Co., Ltd. | 23/12/2016 | 3561554 | 16924400.1 | |
| 3561583 | LG Display Co., Ltd. | 24/04/2019 | 3561583 | 19170748.8 | |
| 3561959 | Yokowo Co., Ltd | 11/09/2017 | 3561959 | 17885864.3 | |
| 3562324 | Tubitak | 21/12/2017 | 3562324 | 17887278.4 | |
| 3563845 | FUJIFILM Toyama Chemical Co., Ltd. | 28/12/2017 | 3563845 | 17885808.0 | |
| 3564596 | Qingdao Haier Air Conditioner General Corp., Ltd. | 26/05/2017 | 3564596 | 17903129.9 | |
| 3566065 | Vertiv Corporation | 05/01/2018 | 3566065 | 18701967.4 | |
| 3566489 | Telefonaktiebolaget LM Ericsson (publ) | 04/01/2017 | 3566489 | 17702173.0 | |
| 3566809 | DGSHAPE Corporation | 08/05/2019 | 3566809 | 19173196.7 | |

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| 3567467 | BROTHER KOGYO KABUSHIKI KAISHA | 27/01/2014 | 3567467 | 19177075.9 | |
| 3570012 | University Court of The University of St Andrews | 28/09/2011 | 3570012 | 19173110.8 | |
| 3571498 | F. Hoffmann-La Roche AG | 17/01/2018 | 3571498 | 18709817.3 | |
| 3571899 | Edwards Korea Ltd. | 28/12/2017 | 3571899 | 17892891.7 | |
| 3573712 | Medtronic, Inc. | 22/01/2018 | 3573712 | 18704334.4 | |
| 3574156 | JSØ holding, Vejle ApS | 24/01/2018 | 3574156 | 18703194.3 | |
| 3574243 | Omega Flex, Inc. | 18/01/2018 | 3574243 | 18744783.4 | |
| 3574332 | Viavi Solutions UK Limited | 10/11/2017 | 3574332 | 17798291.5 | |
| 3574381 | Wheel.me AS | 29/01/2018 | 3574381 | 18701054.1 | |
| 3574895 | Chiesi Farmaceutici S.p.A. | 24/04/2014 | 3574895 | 19182996.9 | |
| 3575358 | Shin-Etsu Chemical Co., Ltd. | 22/12/2017 | 3575358 | 17893988.0 | |
| 3575643 | Eagle Industry Co., Ltd. | 15/01/2018 | 3575643 | 18744821.2 | |
| 3576295 | LSIS Co., Ltd. | 13/03/2019 | 3576295 | 19162677.9 | |
| 3576310 | InterDigital Technology Corporation | 07/09/2005 | 3576310 | 19187231.6 | |
| 3576646 | Spinal Stabilization Technologies | 12/01/2018 | 3576646 | 18700993.1 | |
| 3577429 | Raytheon Company | 25/01/2018 | 3577429 | 18704369.0 | |
| 3578080 | Berlin Packaging Holding Netherlands B.V. | 06/05/2019 | 3578080 | 19172678.5 | German |
| 3578234 | Beijing Xiaomi Mobile Software Co., Ltd. | 04/06/2019 | 3578234 | 19178083.2 | |
| 3578475 | TALOS TECHNOLOGY CORPORATION | 25/04/2019 | 3578475 | 19171085.4 | |
| 3578930 | VEGA Grieshaber KG | 19/02/2019 | 3578930 | 19157977.0 | German |
| 3579290 | Shimco North America Inc. | 04/06/2019 | 3579290 | 19178284.6 | |
| 3579600 | Sony Group Corporation | 18/04/2013 | 3579600 | 19184968.6 | |
| 3579752 | Starkey Laboratories, Inc. | 13/02/2018 | 3579752 | 18707532.0 | |
| 3579945 | NEXTER Systems | 26/01/2018 | 3579945 | 18707079.2 | French |
| 3582039 | Makino Milling Machine Co., Ltd. | 05/02/2018 | 3582039 | 18751877.4 | |
| 3583647 | cellcentric GmbH & Co. KG Ford Motor Company | 02/02/2018 | 3583647 | 18707407.5 | |
| 3583817 | Qualcomm Incorporated | 09/02/2018 | 3583817 | 18706625.3 | |
| 3583821 | Hewlett-Packard Development Company, L.P. | 24/04/2017 | 3583821 | 17906821.8 | |
| 3585980 | Driller's Way-Point Depth Limited | 22/02/2018 | 3585980 | 18715234.3 | |
| 3586146 | F. Hoffmann-La Roche AG | 09/02/2018 | 3586146 | 18703029.1 | |
| 3587048 | Sony Interactive Entertainment Inc. | 30/05/2019 | 3587048 | 19177489.2 | |

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| 3588058 | National Institute for Materials Science | 16/02/2018 | 3588058 | 18756666.6 | |
| 3588517 | National Institute of Advanced Industrial Science and Technology | 23/02/2018 | 3588517 | 18757452.0 | |
| 3588859 | Hewlett Packard Enterprise Development LP | 24/06/2019 | 3588859 | 19182109.9 | |
| 3588940 | Nikon Corporation | 04/07/2013 | 3588940 | 19181971.3 | |
| 3590220 | Qualcomm Incorporated | 17/02/2018 | 3590220 | 18707839.9 | |
| 3590346 | DMK Deutsches Milchkontor GmbH | 01/10/2018 | 3590346 | 18197975.8 | German |
| 3590694 | Wallroth F & E UG | 05/07/2019 | 3590694 | 19184667.4 | German |
| 3591036 | Accelerated BioSciences Corp. | 26/11/2013 | 3591036 | 19188159.8 | |
| 3591368 | HORIBA, Ltd. | 03/07/2019 | 3591368 | 19184103.0 | |
| 3591454 | Hamamatsu Photonics K.K. | 20/12/2017 | 3591454 | 17899205.3 | |
| 3591499 | CANON KABUSHIKI KAISHA | 04/07/2019 | 3591499 | 19184378.8 | |
| 3592213 | Abbott Diabetes Care Inc. | 27/02/2018 | 3592213 | 18712038.1 | |
| 3594927 | Dexerials Corporation | 21/02/2018 | 3594927 | 18763792.1 | |
| 3597558 | Nippon Closures Co., Ltd. | 01/02/2018 | 3597558 | 18768403.0 | |
| 3598170 | Aptiv Technologies Limited | 12/07/2019 | 3598170 | 19185933.9 | |
| 3599195 | Bizerba SE & Co. KG | 24/07/2018 | 3599195 | 18185187.4 | German |
| 3599398 | Pratt & Whitney Canada Corp. | 23/07/2019 | 3599398 | 19187951.9 | |
| 3600220 | Dentsply Sirona Inc. | 29/03/2018 | 3600220 | 18721522.3 | |
| 3600896 | Hewlett-Packard Development Company, L.P. | 11/07/2017 | 3600896 | 17917600.3 | |
| 3601748 | General Electric Company | 20/12/2017 | 3601748 | 17903390.7 | |
| 3602297 | AB Initio Technology LLC | 29/03/2018 | 3602297 | 18720443.3 | |
| 3603011 | Siemens Mobility GmbH | 20/04/2018 | 3603011 | 18723422.4 | German |
| 3603482 | FUJIFILM Corporation | 19/02/2018 | 3603482 | 18777793.3 | |
| 3603573 | Toray Industries, Inc. | 30/03/2018 | 3603573 | 18775244.9 | |
| 3603684 | Mitsui Chemicals, Inc. | 29/03/2018 | 3603684 | 18778286.7 | |
| 3603786 | Sumitomo Seika Chemicals Co., Ltd. | 25/01/2018 | 3603786 | 18770193.3 | |
| 3603916 | Toray Industries, Inc. | 22/02/2018 | 3603916 | 18772497.6 | |
| 3604124 | Aurora Flight Sciences Corporation | 30/07/2019 | 3604124 | 19188983.1 | |
| 3605396 | Hitachi Channel Solutions, Corp. | 08/11/2017 | 3605396 | 17903546.4 | |
| 3605922 | ZTE Corporation | 05/02/2018 | 3605922 | 18771428.2 | |
| 3606424 | Owlstone Medical Limited | 04/04/2018 | 3606424 | 18715035.4 | |
| 3606742 | Quadrant Plastic Composites AG | 03/04/2018 | 3606742 | 18716975.0 | German |
| 3607815 | Kverneland Group Kerteminde AS | 07/08/2018 | 3607815 | 18187809.1 | German |
| 3608851 | BlackBerry Limited | 19/07/2019 | 3608851 | 19187368.6 | |

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| 3609748 | Continental Automotive Technologies GmbH | 05/04/2018 | 3609748 | 18716233.4 | German |
| 3610236 | Leica Microsystems Ltd., Shanghai | 10/04/2018 | 3610236 | 18784829.6 | |
| 3610327 | Macdermid Graphics Solutions, LLC | 02/04/2018 | 3610327 | 18784084.8 | |
| 3611643 | Juniper Networks, Inc. | 28/03/2019 | 3611643 | 19165995.2 | |
| 3612770 | Nortek Air Solutions Canada, Inc. | 18/04/2017 | 3612770 | 17905967.0 | |
| 3612771 | Nortek Air Solutions Canada, Inc. | 18/04/2017 | 3612771 | 17906408.4 | |
| 3613369 | Stryker European Operations Holdings LLC | 15/06/2016 | 3613369 | 19202480.0 | |
| 3613710 | Tunghsu Technology Group Co., Ltd. Tunghsu Group Co., Ltd. | 09/04/2018 | 3613710 | 18787904.4 | |
| 3613714 | LG Hausys, Ltd. | 30/03/2018 | 3613714 | 18788445.7 | |
| 3614272 | QUALCOMM Incorporated | 09/09/2016 | 3614272 | 19203349.6 | |
| 3615544 | Pharma Mar S.A. | 27/04/2018 | 3615544 | 18720255.1 | |
| 3616276 | Komax Holding AG | 25/04/2017 | 3616276 | 17720068.0 | |
| 3616334 | Blue Digs LLC | 09/04/2018 | 3616334 | 18721551.2 | |
| 3616482 | Siemens Aktiengesellschaft | 11/07/2017 | 3616482 | 17742679.8 | German |
| 3616842 | Milwaukee Electric Tool Corporation | 19/08/2019 | 3616842 | 19192364.8 | |
| 3617184 | Osaka Organic Chemical Industry Ltd. | 26/04/2018 | 3617184 | 18789835.8 | |
| 3617518 | Safran Aero Boosters SA | 27/08/2019 | 3617518 | 19193885.1 | French |
| 3617613 | Hitachi-Johnson Controls Air Conditioning, Inc. | 06/04/2018 | 3617613 | 18791132.6 | |
| 3617723 | NXP B.V. | 29/08/2018 | 3617723 | 18306142.3 | |
| 3618841 | University of Pittsburgh - of The Commonwealth System of Higher Education | 04/05/2018 | 3618841 | 18795146.2 | |
| 3619193 | Hepanova, Inc. | 04/05/2018 | 3619193 | 18793826.1 | |
| 3619249 | BASF SE | 27/04/2018 | 3619249 | 18719201.8 | German |
| 3620369 | Airbus Operations SAS | 02/09/2019 | 3620369 | 19194839.7 | French |
| 3621769 | Walter Maschinenbau GmbH | 04/05/2018 | 3621769 | 18722052.0 | German |
| 3621930 | SAINT-GOBAIN GLASS FRANCE | 16/04/2018 | 3621930 | 18717069.1 | German |
| 3622029 | Sika Technology AG | 09/05/2018 | 3622029 | 18721406.9 | German |
| 3623169 | YAZAKI CORPORATION | 07/08/2019 | 3623169 | 19190428.3 | |
| 3623278 | The Boeing Company | 13/09/2019 | 3623278 | 19197337.9 | |
| 3623825 | Mitsubishi Electric Corporation | 11/05/2017 | 3623825 | 17908774.7 | |
| 3624326 | Mitsubishi Electric Corporation | 11/05/2017 | 3624326 | 17908926.3 | |
| 3625407 | EMEH, Inc. | 27/04/2018 | 3625407 | 18801690.1 | |
| 3625754 | AMVAC Hong Kong Limited | 16/05/2018 | 3625754 | 18802729.6 | |

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| 3626172 | Magnolia Medical Technologies, Inc. | 04/12/2013 | 3626172 | 19190772.4 | |
| 3626783 | SEKISUI CHEMICAL CO., LTD. | 27/08/2015 | 3626783 | 19204509.4 | |
| 3627170 | KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH | 18/09/2018 | 3627170 | 18195075.9 | |
| 3627540 | SPTS Technologies Limited | 10/09/2019 | 3627540 | 19196355.2 | |
| 3627790 | ZTE Corporation | 16/05/2018 | 3627790 | 18801461.7 | |
| 3628002 | Pharmiva AB | 22/05/2018 | 3628002 | 18729059.8 | |
| 3628153 | Pelsis Limited | 24/09/2019 | 3628153 | 19199380.7 | |
| 3628508 | ROTECH Antriebselemente GmbH | 26/09/2019 | 3628508 | 19199759.2 | German |
| 3628983 | Krohne Messtechnik GmbH | 16/09/2019 | 3628983 | 19197466.6 | German |
| 3630220 | Fresenius Medical Care Deutschland GmbH | 30/05/2018 | 3630220 | 18728358.5 | German |
| 3630275 | Cardiac Pacemakers, Inc. | 30/05/2018 | 3630275 | 18733061.8 | |
| 3631042 | BASF SE | 17/05/2018 | 3631042 | 18725826.4 | |
| 3631242 | Instrumentation Laboratory Company | 16/05/2018 | 3631242 | 18730546.1 | |
| 3631902 | Weidmüller Interface GmbH & Co. KG | 03/05/2018 | 3631902 | 18725417.2 | German |
| 3632956 | Honshu Chemical Industry Co., Ltd. | 17/05/2018 | 3632956 | 18805917.4 | |
| 3632957 | Honshu Chemical Industry Co., Ltd. | 17/05/2018 | 3632957 | 18806063.6 | |
| 3633142 | Cecep Ningxia New Energy Resources Joint Stock Co., Ltd. | 11/04/2018 | 3633142 | 18805598.2 | |
| 3633859 | Sony Group Corporation | 17/05/2018 | 3633859 | 18808931.2 | |
| 3634773 | Crane & Co., Inc. | 30/05/2018 | 3634773 | 18732588.1 | |
| 3635351 | Teknologian tutkimuskeskus VTT Oy | 29/06/2018 | 3635351 | 18828785.8 | |
| 3635780 | Wolfspeed, Inc. | 15/05/2018 | 3635780 | 18728501.0 | |
| 3636187 | Wright Medical Technology, Inc. | 22/08/2014 | 3636187 | 19213122.5 | |
| 3636288 | Nikkiso Co., Ltd. | 20/04/2018 | 3636288 | 18813625.3 | |
| 3636368 | Mitsubishi Materials Corporation | 29/05/2018 | 3636368 | 18810200.8 | |
| 3636566 | Tata Consultancy Services Limited | 30/01/2019 | 3636566 | 19154541.7 | |
| 3637106 | University of Miyazaki Osaka University | 07/06/2018 | 3637106 | 18813561.0 | |
| 3637208 | Samsung Electronics Co., Ltd. | 09/10/2019 | 3637208 | 19202242.4 | |
| 3637371 | Nissan Motor Co., Ltd. | 07/06/2017 | 3637371 | 17912479.7 | |
| 3637942 | Huawei Technologies Co., Ltd. | 22/05/2018 | 3637942 | 18832811.6 | |
| 3639117 | Microsoft Technology Licensing, LLC | 02/05/2018 | 3639117 | 18732171.6 | |
| 3641391 | Sharp Kabushiki Kaisha FG INNOVATION COMPANY LIMITED | 08/06/2018 | 3641391 | 18818151.5 | |
| 3641491 | Goodrich Corporation | 15/10/2019 | 3641491 | 19203375.1 | |

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| 3642224 | Immunocore Limited | 19/06/2018 | 3642224 | 18738201.5 | |
| 3642773 | nChain Licensing AG | 19/06/2018 | 3642773 | 18740305.0 | |
| 3643712 | Samsung Electronics Co., Ltd. | 17/10/2019 | 3643712 | 19203787.7 | |
| 3644644 | LG Electronics Inc. | 26/06/2018 | 3644644 | 18825253.0 | |
| 3644731 | Corteva Agriscience LLC | 18/06/2018 | 3644731 | 18822878.7 | |
| 3645447 | Krones AG | 28/06/2018 | 3645447 | 18743403.0 | German |
| 3645873 | WAGNER, Philipp | 25/06/2018 | 3645873 | 18740501.4 | German |
| 3646318 | Samsung Electronics Co., Ltd. | 19/07/2018 | 3646318 | 18834709.0 | |
| 3646637 | Apple Inc. | 27/06/2018 | 3646637 | 18746347.6 | |
| 3646717 | CNH Industrial Belgium NV | 02/11/2018 | 3646717 | 18204215.0 | |
| 3646806 | Shanghai Bluevascular Medtech Co., Ltd. | 08/06/2018 | 3646806 | 18824650.8 | |
| 3646967 | Hamilton Sundstrand Corporation | 29/10/2019 | 3646967 | 19205998.8 | |
| 3647115 | Koito Manufacturing Co., Ltd. | 11/06/2018 | 3647115 | 18824989.0 | |
| 3647228 | UNIKAI Lagerei- und Speditionsgesellschaft mbH | 01/11/2018 | 3647228 | 18203990.9 | German |
| 3647230 | Murata Machinery, Ltd. | 01/06/2018 | 3647230 | 18824985.8 | |
| 3647846 | Hewlett Packard Enterprise Development LP | 23/09/2019 | 3647846 | 19198971.4 | |
| 3648904 | M-I L.L.C. | 03/07/2018 | 3648904 | 18829149.6 | |
| 3649343 | Wobben Properties GmbH | 29/06/2018 | 3649343 | 18735307.3 | German |
| 3649452 | Wisconsin Alumni Research Foundation | 06/07/2018 | 3649452 | 18828718.9 | |
| 3650141 | General Electric Company | 30/10/2019 | 3650141 | 19206099.4 | |
| 3650668 | Volvo Car Corporation | 08/11/2018 | 3650668 | 18205084.9 | |
| 3650880 | Siemens Healthcare GmbH | 07/11/2018 | 3650880 | 18204892.6 | |
| 3651990 | Siemens Aktiengesellschaft | 22/08/2018 | 3651990 | 18768772.8 | German |
| 3652739 | Silicon Storage Technology, Inc. | 16/07/2018 | 3652739 | 18854054.6 | |
| 3653186 | Daio Paper Corporation | 12/07/2018 | 3653186 | 18832781.1 | |
| 3653959 | LG Electronics Inc. | 15/11/2019 | 3653959 | 19209298.9 | |
| 3655021 | Unikeris Limited | 17/07/2018 | 3655021 | 18746636.2 | |
| 3655656 | Charles Austen Pumps Limited | 11/07/2018 | 3655656 | 18745673.6 | |
| 3656121 | Samsung Electronics Co., Ltd. | 07/12/2018 | 3656121 | 18887869.8 | |
| 3657054 | Vitesco Technologies GmbH | 20/11/2018 | 3657054 | 18465620.5 | German |
| 3657912 | Rockwell Collins, Inc. | 30/10/2019 | 3657912 | 19206296.6 | |
| 3658006 | ALCON INC. | 23/10/2018 | 3658006 | 18804688.2 | |
| 3658054 | St. Jude Medical, Cardiology Division, Inc. | 03/10/2018 | 3658054 | 18867255.4 | |

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| 3658103 | OES Inc. | 25/07/2018 | 3658103 | 18837508.3 | |
| 3658629 | PPG Coatings Europe B.V. | 20/07/2018 | 3658629 | 18745553.0 | |
| 3658709 | The Procter & Gamble Company | 27/07/2017 | 3658709 | 17919075.6 | |
| 3659280 | Apple Inc. | 26/07/2018 | 3659280 | 18838569.4 | |
| 3659909 | Ratier-Figeac SAS | 27/11/2018 | 3659909 | 18290134.8 | |
| 3659951 | Toray Industries, Inc. | 05/06/2018 | 3659951 | 18837411.0 | |
| 3660352 | Kontopoulos, Leonidas Kyros Kontopoulos, Kyros Filippos | 28/11/2019 | 3660352 | 19212204.2 | |
| 3660471 | Bühnen GmbH & Co. KG | 28/11/2019 | 3660471 | 19212278.6 | German |
| 3660490 | Fundació Institut de Ciències Fotòniques Institució Catalana De Recerca I Estudis Avançats (ICREA) | 30/11/2018 | 3660490 | 18382879.7 | |
| 3660907 | Samsung Display Co., Ltd. | 23/10/2019 | 3660907 | 19204944.3 | |
| 3662402 | Source of True Pty Ltd | 02/08/2018 | 3662402 | 18840744.9 | |
| 3662746 | HUSQVARNA AB | 08/04/2016 | 3662746 | 20152056.6 | |
| 3663156 | ALSTOM Holdings | 02/12/2019 | 3663156 | 19212933.6 | German |
| 3663245 | Toshiba Tec Kabushiki Kaisha | 22/08/2019 | 3663245 | 19193060.1 | |
| 3663463 | S.A. Giuseppe Cristini S.p.A. | 06/12/2019 | 3663463 | 19214220.6 | |
| 3663926 | Samsung Electronics Co., Ltd. | 03/12/2019 | 3663926 | 19213230.6 | |
| 3664426 | Sony Group Corporation | 04/11/2011 | 3664426 | 20152295.0 | |
| 3664576 | Nitto Denko Corporation | 03/08/2018 | 3664576 | 18841328.0 | |
| 3664577 | Nitto Denko Corporation | 03/08/2018 | 3664577 | 18842042.6 | |
| 3665050 | Continental Automotive Technologies GmbH | 26/07/2018 | 3665050 | 18746909.3 | German |
| 3665319 | Vandewiele Sweden AB | 03/07/2018 | 3665319 | 18843994.7 | |
| 3665807 | Lenovo (Beijing) Limited | 11/08/2017 | 3665807 | 17921290.7 | |
| 3666510 | The Goodyear Tire & Rubber Company | 11/12/2019 | 3666510 | 19215375.7 | |
| 3666542 | Bundesdruckerei GmbH | 05/12/2019 | 3666542 | 19213920.2 | German |
| 3666847 | Akebono Brake Industry Co., Ltd. | 08/08/2018 | 3666847 | 18844610.8 | |
| 3667104 | ALSTOM Transport Technologies | 29/11/2019 | 3667104 | 19212694.4 | French |
| 3667285 | HORIBA, Ltd. | 02/07/2019 | 3667285 | 19183908.3 | |
| 3667507 | INTEL Corporation | 21/10/2019 | 3667507 | 19204241.4 | |
| 3667691 | Sekisui Polymatech Co., Ltd. | 22/10/2018 | 3667691 | 18876856.8 | |
| 3667745 | IMEC vzw | 10/12/2018 | 3667745 | 18211326.6 | |
| 3668745 | Siemens Mobility GmbH | 15/10/2018 | 3668745 | 18793598.6 | German |
| 3668765 | Robert Bosch GmbH | 01/08/2018 | 3668765 | 18750404.8 | |
| 3669731 | LG Electronics Inc. | 05/01/2018 | 3669731 | 20151348.8 | |

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| 3670572 | Covestro LLC | 12/12/2019 | 3670572 | 19215523.2 | |
| 3670937 | Volvo Car Corporation | 18/12/2018 | 3670937 | 18213469.2 | |
| 3671165 | SC2N | 12/12/2019 | 3671165 | 19215648.7 | French |
| 3671223 | ROSEMOUNT AEROSPACE INC. | 13/12/2019 | 3671223 | 19216159.4 | |
| 3671325 | AUDI AG LG Electronics Inc. | 19/12/2018 | 3671325 | 18214024.4 | |
| 3671979 | WorldConnect AG | 21/12/2018 | 3671979 | 18215236.3 | German |
| 3672328 | Huawei Technologies Co., Ltd. | 13/10/2017 | 3672328 | 17928502.8 | |
| 3672997 | Borealis AG | 23/08/2018 | 3672997 | 18755493.6 | |
| 3673535 | Tian, Yu Shanghai Autoflight Co., Ltd. | 30/07/2018 | 3673535 | 18848390.3 | |
| 3674526 | Mazda Motor Corporation | 20/12/2019 | 3674526 | 19218517.1 | |
| 3674527 | Mazda Motor Corporation | 19/12/2019 | 3674527 | 19217774.9 | |
| 3674636 | Whirlpool Corporation | 13/11/2019 | 3674636 | 19209008.2 | |
| 3676184 | Reynolds Presto Products Inc. | 28/08/2018 | 3676184 | 18782554.2 | |
| 3676493 | Vestas Wind Systems A/S | 20/08/2018 | 3676493 | 18842513.6 | |
| 3677128 | Körber Technologies GmbH | 18/12/2019 | 3677128 | 19217477.9 | German |
| 3677156 | Team International Group of America Inc. | 07/06/2019 | 3677156 | 19179112.8 | |
| 3677777 | Panasonic Intellectual Property Management Co., Ltd. | 18/07/2018 | 3677777 | 18851413.7 | |
| 3677819 | Pacific Industrial Co., Ltd. | 13/11/2018 | 3677819 | 18925055.8 | |
| 3679138 | MiNA Therapeutics Limited | 07/09/2018 | 3679138 | 18765123.7 | |
| 3679810 | Körber Technologies GmbH | 07/01/2020 | 3679810 | 20150458.6 | German |
| 3680035 | Unicharm Corporation | 26/07/2018 | 3680035 | 18873055.0 | |
| 3681134 | Huawei Technologies Co., Ltd. | 30/09/2018 | 3681134 | 18862914.1 | |
| 3682176 | Centre National de la Recherche Scientifique | 07/09/2018 | 3682176 | 18785696.8 | French |
| 3682239 | Alio, Inc. | 12/09/2018 | 3682239 | 18855302.8 | |
| 3682677 | QUALCOMM Incorporated | 11/09/2018 | 3682677 | 18782258.0 | |
| 3682713 | Signify Holding B.V. | 07/09/2018 | 3682713 | 18762331.9 | |
| 3682915 | AcelRx Pharmaceuticals, Inc. | 28/10/2016 | 3682915 | 20156766.6 | |
| 3683637 | Siemens Aktiengesellschaft | 16/01/2019 | 3683637 | 19152018.8 | German |
| 3683766 | Topcon Corporation | 30/12/2019 | 3683766 | 19219987.5 | |
| 3684215 | 3M Innovative Properties Company | 19/09/2018 | 3684215 | 18782207.7 | |
| 3684267 | Devicor Medical Products, Inc. | 20/09/2018 | 3684267 | 18792599.5 | |
| 3684645 | Audi AG | 29/11/2018 | 3684645 | 18815572.5 | German |
| 3685006 | Saipem S.p.A. | 11/09/2018 | 3685006 | 18782514.6 | |

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| 3685938 | Raytheon Technologies Corporation | 28/07/2017 | 3685938 | 20154202.4 | |
| 3686559 | Minebea Mitsumi Inc. | 18/09/2018 | 3686559 | 18857479.2 | |
| 3686656 | ESSILOR INTERNATIONAL | 28/01/2019 | 3686656 | 19305104.2 | |
| 3686706 | F. Robotics Acquisitions Ltd. | 09/11/2015 | 3686706 | 20162169.5 | |
| 3686723 | Samsung Electronics Co., Ltd. | 24/12/2014 | 3686723 | 20162969.8 | |
| 3687266 | Fuji Corporation | 19/09/2017 | 3687266 | 17925667.2 | |
| 3688218 | Reckitt Benckiser Vanish B.V. | 14/09/2018 | 3688218 | 18773576.6 | |
| 3688245 | Certainteed Gypsum, Inc. | 28/09/2018 | 3688245 | 18862545.3 | |
| 3688367 | ZKW Group GmbH | 30/07/2018 | 3688367 | 18752675.1 | German |
| 3689207 | Baumgarten Handle Systems KG | 16/01/2020 | 3689207 | 20152106.9 | German |
| 3689292 | Panasonic Intellectual Property Management Co., Ltd. | 21/01/2020 | 3689292 | 20152841.1 | |
| 3689589 | Mitsubishi Heavy Industries Machinery Systems, Ltd. | 27/09/2017 | 3689589 | 17926606.9 | |
| 3689615 | FUJIFILM Corporation | 13/09/2018 | 3689615 | 18858658.0 | |
| 3690437 | KERACO, S.A. | 04/02/2019 | 3690437 | 19382081.8 | |
| 3690574 | Citizen Watch Co., Ltd. Citizen Machinery Co., Ltd. | 06/09/2018 | 3690574 | 18862805.1 | |
| 3690911 | Mitsubishi Electric Corporation | 28/09/2017 | 3690911 | 17926917.0 | |
| 3691850 | Command Alkon Incorporated | 02/10/2018 | 3691850 | 18864430.6 | |
| 3691903 | Hewlett-Packard Development Company, L.P. | 02/12/2017 | 3691903 | 17933734.0 | |
| 3692770 | Edwards Limited | 01/10/2018 | 3692770 | 18782177.2 | |
| 3693153 | CL Schutzrechtsverwaltungs GmbH | 19/09/2017 | 3693153 | 20165888.7 | |
| 3693498 | Graf + Cie AG | 17/01/2020 | 3693498 | 20152345.3 | German |
| 3694311 | Heintz, Pamela Sue | 09/10/2018 | 3694311 | 18867001.2 | |
| 3696120 | Citic Dicastal Co., Ltd. | 30/01/2020 | 3696120 | 20154492.1 | |
| 3696405 | Mitsubishi Heavy Industries, Ltd. | 27/11/2019 | 3696405 | 19211881.8 | |
| 3697250 | Nike Innovate C.V. | 19/10/2018 | 3697250 | 18867541.7 | |
| 3698869 | Tianjin Cenax Biotechnology Co., Ltd. | 16/10/2017 | 3698869 | 17929031.7 | |
| 3698972 | RISO KAGAKU CORPORATION | 20/02/2020 | 3698972 | 20158527.0 | |
| 3699101 | Krones AG | 21/02/2020 | 3699101 | 20158687.2 | German |
| 3700320 | BASF Agro Trademarks GmbH | 18/10/2018 | 3700320 | 18785682.8 | German |
| 3701340 | Robert Bosch GmbH | 20/09/2018 | 3701340 | 18780040.4 | German |
| 3702121 | Canon Kabushiki Kaisha | 26/10/2018 | 3702121 | 18870824.2 | |
| 3702206 | NIO (Anhui) Holding Co., Ltd. | 19/10/2018 | 3702206 | 18870085.0 | |
| 3702243 | Wonderland Switzerland AG | 23/01/2020 | 3702243 | 20153321.3 | |
| 3702532 | Wirtgen GmbH | 17/02/2020 | 3702532 | 20157764.0 | German |

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| 3702778 | LG CHEM, LTD. | 12/07/2019 | 3702778 | 19855631.8 | |
| 3704292 | Jacob Holm & Sons AG | 02/11/2018 | 3704292 | 18801051.6 | |
| 3704312 | Clark Equipment Company | 01/11/2018 | 3704312 | 18815380.3 | |
| 3704440 | Albert-Ludwigs-Universität Freiburg | 02/12/2019 | 3704440 | 19813320.9 | German |
| 3705425 | Brunone, René | 05/03/2020 | 3705425 | 20161305.6 | French |
| 3705507 | Saudi Arabian Oil Company King Abdullah University Of Science And Technology | 20/10/2016 | 3705507 | 20161053.2 | |
| 3707089 | I.M.A. Industria Macchine Automatiche S.p.A. | 07/11/2018 | 3707089 | 18815038.7 | |
| 3707573 | Waymo LLC | 04/12/2018 | 3707573 | 18888639.4 | |
| 3708327 | Nissan Motor Co., Ltd. Renault s.a.s | 05/11/2018 | 3708327 | 18872628.5 | |
| 3708369 | DENTSPLY SIRONA Inc. SIRONA Dental Systems GmbH | 11/03/2019 | 3708369 | 19020118.6 | |
| 3709564 | Nippon Telegraph And Telephone Corporation | 05/11/2018 | 3709564 | 18874039.3 | |
| 3709891 | Koninklijke Philips N.V. | 06/11/2018 | 3709891 | 18799732.5 | |
| 3710165 | FLSmidth A/S | 16/11/2018 | 3710165 | 18812298.0 | |
| 3711200 | Nokia Technologies Oy | 17/11/2017 | 3711200 | 17932190.6 | |
| 3711618 | 3M Innovative Properties Company | 09/05/2016 | 3711618 | 20175186.4 | |
| 3711990 | Elkamet Kunststofftechnik GmbH | 25/02/2020 | 3711990 | 20159293.8 | German |
| 3712010 | Thiele GmbH & Co. KG | 15/11/2019 | 3712010 | 19209481.1 | German |
| 3712075 | Insitu, Inc. | 27/09/2011 | 3712075 | 20170621.5 | |
| 3712445 | Panasonic Intellectual Property Management Co., Ltd. | 23/03/2017 | 3712445 | 20172199.0 | |
| 3713327 | Beijing Xiaomi Mobile Software Co. | 14/11/2017 | 3713327 | 17932074.2 | |
| 3713386 | Fuji Corporation | 17/11/2017 | 3713386 | 17932169.0 | |
| 3713836 | FMC Technologies | 23/11/2018 | 3713836 | 18804628.8 | |
| 3713932 | Samsung Display Co., Ltd. | 14/11/2018 | 3713932 | 18815111.2 | |
| 3714115 | Bruyninckx, Willy | 14/11/2018 | 3714115 | 18811657.8 | |
| 3715116 | Michilin Prosperity Co., Ltd. | 27/12/2019 | 3715116 | 19219896.8 | |
| 3715125 | Heidelberger Druckmaschinen AG | 27/11/2019 | 3715125 | 19211734.9 | German |
| 3715284 | Solovianenko, Sergey Vladimirovich | 21/11/2017 | 3715284 | 17932629.3 | |
| 3716337 | Samsung Display Co., Ltd. | 26/03/2020 | 3716337 | 20165989.3 | |
| 3718075 | Muehlbauer GmbH & Co. KG | 03/12/2018 | 3718075 | 18814846.4 | German |
| 3718517 | Hohmuth, Horst | 01/04/2019 | 3718517 | 19020243.2 | German |
| 3718779 | Fujitsu Component Limited | 24/01/2019 | 3718779 | 20169875.0 | |

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| 3718780 | Fujitsu Component Limited | 24/01/2019 | 3718780 | 20169877.6 | |
| 3719146 | Korea Zinc Co., Ltd. | 02/02/2018 | 3719146 | 18847134.6 | |
| 3719149 | SSAB Technology AB | 11/07/2019 | 3719149 | 19185759.8 | |
| 3720622 | Primetals Technologies USA LLC | 13/11/2018 | 3720622 | 18815849.7 | |
| 3721074 | Vestas Wind Systems A/S | 07/12/2018 | 3721074 | 18821696.4 | |
| 3721075 | Vestas Wind Systems A/S | 07/12/2018 | 3721075 | 18821697.2 | |
| 3722942 | The Boeing Company | 10/04/2019 | 3722942 | 19382265.7 | |
| 3723124 | United Microelectronics Corp. | 30/03/2020 | 3723124 | 20166736.7 | |
| 3723921 | MAGNA INTERNATIONAL INC | 31/08/2018 | 3723921 | 18889363.0 | |
| 3723967 | Rolls-Royce plc | 29/11/2018 | 3723967 | 18811259.3 | |
| 3723972 | LM Wind Power A/S | 10/12/2018 | 3723972 | 18811866.5 | |
| 3724063 | Naiad Maritime Group, Inc. | 17/12/2018 | 3724063 | 18888233.6 | |
| 3724511 | ebm-papst Mulfingen GmbH & Co. KG | 13/12/2018 | 3724511 | 18826241.4 | German |
| 3725926 | Kuraray Co., Ltd. | 19/02/2019 | 3725926 | 19757051.8 | |
| 3726025 | Hamilton Sundstrand Corporation | 13/12/2019 | 3726025 | 19216265.9 | |
| 3726142 | Liu, Qiuna | 04/10/2019 | 3726142 | 19201542.8 | |
| | Shi, Bo | | | | |
| 3726276 | Panasonic Intellectual Property Management Co., Ltd. | 23/10/2018 | 3726276 | 18887749.2 | |
| 3727390 | Galderma Research & Development | 20/12/2018 | 3727390 | 18826025.1 | French |
| 3727476 | Datalogic USA, Inc. | 21/12/2018 | 3727476 | 18891447.7 | |
| 3727555 | Biograil APS | 18/12/2018 | 3727555 | 18829319.5 | |
| 3727599 | Laboratoire Biosthetique Kosmetik GmbH&Co. KG | 21/12/2017 | 3727599 | 17851830.4 | German |
| 3727830 | Fibro GmbH | 21/06/2018 | 3727830 | 18733850.4 | German |
| 3728680 | Cleveland-Cliffs Steel Properties Inc. | 20/12/2018 | 3728680 | 18836764.3 | |
| 3729702 | Telefonaktiebolaget LM Ericsson (publ) | 19/12/2017 | 3729702 | 17832556.9 | |
| 3730471 | AGC INC. | 13/12/2018 | 3730471 | 18892654.7 | |
| 3730813 | Tan, Bo | 11/12/2018 | 3730813 | 18891860.1 | |
| 3730924 | Honeywell International Inc. | 20/04/2020 | 3730924 | 20170458.2 | |
| 3731356 | Mitsubishi Electric Corporation | 16/11/2018 | 3731356 | 18891169.7 | |
| 3731910 | Koninklijke Philips N.V. | 20/12/2018 | 3731910 | 18830250.9 | |
| 3733259 | YAMASHIN-FILTER CORP. | 17/12/2018 | 3733259 | 18894233.8 | |
| 3733347 | Koki Holdings Co., Ltd. | 30/11/2018 | 3733347 | 18895951.4 | |
| 3733634 | Showa Denko K.K. | 11/12/2018 | 3733634 | 18896674.1 | |
| 3733672 | SUMITOMO CHEMICAL COMPANY, LIMITED | 25/12/2018 | 3733672 | 18895706.2 | |

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| 3734020 | Mitsubishi Heavy Industries Aero Engines, Ltd. | 04/12/2018 | 3734020 | 18896948.9 | |
| 3734021 | Raytheon Technologies Corporation | 27/04/2020 | 3734021 | 20171479.7 | |
| 3734088 | Erico International Corporation | 01/05/2020 | 3734088 | 20172611.4 | |
| 3734090 | NTN Corporation | 21/12/2018 | 3734090 | 18895178.4 | |
| 3734954 | Panasonic Intellectual Property Management Co., Ltd. | 05/07/2018 | 3734954 | 18889941.3 | |
| 3735147 | Yeti Coolers, LLC | 20/12/2018 | 3735147 | 18833791.9 | |
| 3735606 | King's College London | 21/12/2018 | 3735606 | 18829968.9 | |
| 3735757 | QUALCOMM Incorporated | 03/01/2019 | 3735757 | 19701412.9 | |
| 3736165 | TransTech of South Carolina, Inc. | 06/12/2019 | 3736165 | 19214022.6 | |
| 3736530 | Hexagon Technology Center GmbH | 06/05/2019 | 3736530 | 19172787.4 | German |
| 3736940 | General Electric Company | 05/05/2020 | 3736940 | 20173047.0 | |
| 3736999 | Huawei Technologies Co., Ltd. | 10/01/2019 | 3736999 | 19738157.7 | |
| 3737106 | Samsung Electronics Co., Ltd. | 25/03/2019 | 3737106 | 19775191.0 | |
| 3737975 | BP Corporation North America Inc. | 10/01/2019 | 3737975 | 19703434.1 | |
| 3738497 | E.G.O. Elektro-Gerätebau GmbH | 06/04/2020 | 3738497 | 20168157.4 | German |
| 3739285 | Cambricon Technologies Corporation Limited | 06/12/2019 | 3739285 | 19214045.7 | |
| 3739989 | NTT DOCOMO, INC. | 11/01/2018 | 3739989 | 18899205.1 | |
| 3740344 | Fill Gesellschaft m.b.H. | 16/01/2019 | 3740344 | 19706857.0 | German |
| 3740364 | Amazon Technologies Inc. | 04/01/2019 | 3740364 | 19702149.6 | |
| 3740943 | Kostrun, Marijan Garner, Richard Aggarwal, Anant OSRAM GmbH | 14/01/2019 | 3740943 | 19702791.5 | |
| 3741067 | QUALCOMM Incorporated | 15/01/2019 | 3741067 | 19703840.9 | |
| 3742088 | Daikin Industries, Ltd. | 11/01/2019 | 3742088 | 19738279.9 | |
| 3742177 | Baker Hughes Oilfield Operations LLC | 20/05/2020 | 3742177 | 20175869.5 | |
| 3742986 | DePuy Synthes Products, Inc. | 11/01/2019 | 3742986 | 19705560.1 | |
| 3744443 | Hamilton Sundstrand Corporation | 25/11/2019 | 3744443 | 19211154.0 | |
| 3744487 | Panasonic Intellectual Property Management Co., Ltd. | 04/05/2020 | 3744487 | 20172723.7 | |
| 3744596 | NISSAN MOTOR CO., LTD. | 22/01/2018 | 3744596 | 18901614.0 | |
| 3744639 | Matsuya R&D Co., Ltd | 12/11/2018 | 3744639 | 18901029.1 | |
| 3745081 | TECAN TRADING AG | 28/05/2019 | 3745081 | 19177032.0 | German |
| 3745902 | NIKE Innovate C.V. | 29/01/2019 | 3745902 | 19705038.8 | |
| 3745920 | Paul Hettich GmbH & Co. KG | 25/01/2019 | 3745920 | 19702549.7 | German |

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|---------|---|------------|---------|------------|--------|
| 3745950 | General Electric Company | 29/01/2019 | 3745950 | 19746607.1 | |
| 3746287 | TE Connectivity Corporation | 29/01/2019 | 3746287 | 19709108.5 | |
| 3747616 | Sunstar Suisse SA | 24/05/2013 | 3747616 | 20183452.0 | |
| 3747780 | NEC Corporation | 27/12/2018 | 3747780 | 18903536.3 | |
| 3748232 | Rolls-Royce plc | 04/05/2020 | 3748232 | 20172695.7 | |
| 3748355 | Tetra Laval Holdings & Finance S.A. | 28/05/2020 | 3748355 | 20176981.7 | |
| 3749061 | DAIKIN INDUSTRIES, LTD. | 22/01/2019 | 3749061 | 19746872.1 | |
| 3749489 | Lukas Hydraulik GmbH | 26/06/2018 | 3749489 | 18735538.3 | German |
| 3749502 | Hewlett-Packard Development Company, L.P. | 30/04/2018 | 3749502 | 18917272.9 | |
| 3750172 | Kerntechnische Entsorgung Karlsruhe GmbH | 05/02/2019 | 3750172 | 19703681.7 | German |
| 3751051 | Wöllner GmbH | 12/06/2020 | 3751051 | 20179715.6 | |
| 3751165 | Goodrich Corporation | 13/12/2019 | 3751165 | 19216323.6 | |
| 3751420 | TTTech Computertechnik Aktiengesellschaft | 11/06/2019 | 3751420 | 19179481.7 | German |
| 3751813 | ABB Schweiz AG | 13/06/2019 | 3751813 | 19180060.6 | |
| 3751844 | HITACHI KOKUSAI ELECTRIC INC. | 07/02/2018 | 3751844 | 18905374.7 | |
| 3752090 | Castle Wall Pty Ltd | 13/02/2019 | 3752090 | 19755078.3 | |
| 3753002 | TomTom Traffic B.V. | 08/02/2019 | 3753002 | 19704308.6 | |
| 3753365 | QUALCOMM INCORPORATED | 15/02/2019 | 3753365 | 19709179.6 | |
| 3753554 | Whan In Pharmaceutical Company | 07/01/2019 | 3753554 | 19754358.0 | |
| 3753745 | Dai Nippon Printing Co., Ltd. | 25/02/2019 | 3753745 | 19776316.2 | |
| 3754148 | Hunter Douglas Industries Switzerland GmbH | 17/06/2020 | 3754148 | 20180626.2 | German |
| 3754366 | MITSUBISHI ELECTRIC CORPORATION | 23/03/2018 | 3754366 | 18910714.7 | |
| 3754508 | Huawei Technologies Co. Ltd. | 30/12/2015 | 3754508 | 20152574.8 | |
| 3754530 | Bundesdruckerei GmbH | 26/11/2015 | 3754530 | 20182246.7 | German |
| 3754679 | ABB Schweiz AG | 18/06/2020 | 3754679 | 20180708.8 | |
| 3754712 | Samsung Electronics Co., Ltd. | 12/05/2020 | 3754712 | 20174144.4 | |
| 3754736 | Samsung Display Co., Ltd. | 05/06/2020 | 3754736 | 20178473.3 | |
| 3754746 | Yazaki Corporation | 15/06/2020 | 3754746 | 20180002.6 | |
| 3755427 | Presidio Medical, Inc. | 20/02/2019 | 3755427 | 19757326.4 | |
| 3756716 | Intersurgical S.P.A. | 17/06/2020 | 3756716 | 20180569.4 | |
| 3757303 | Geberit International AG | 26/06/2019 | 3757303 | 19182572.8 | German |
| 3758393 | Sonova AG | 24/06/2019 | 3758393 | 19181995.2 | |
| 3759983 | QUALCOMM Incorporated | 22/02/2019 | 3759983 | 19709347.9 | |

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|---------|---|------------|---------|------------|--------|
| 3760090 | Samsung Electronics Co., Ltd. | 12/06/2020 | 3760090 | 20179856.8 | |
| 3760572 | Kabushiki Kaisha Toyota Jidoshokki | 18/06/2020 | 3760572 | 20180696.5 | |
| 3760590 | ProMinent GmbH | 25/05/2020 | 3760590 | 20176246.5 | German |
| 3760617 | Shenyang Sinochem Agrochemicals R&D Co., Ltd. | 24/10/2013 | 3760617 | 20184845.4 | |
| 3761546 | ASUSTek Computer Inc. | 18/06/2020 | 3761546 | 20180701.3 | |
| 3761942 | Dentsply DeTrey GmbH | 05/03/2019 | 3761942 | 19708317.3 | |
| 3762690 | Kautex Textron GmbH & Co. KG | 15/02/2019 | 3762690 | 19705510.6 | German |
| 3763160 | QUALCOMM Incorporated | 24/01/2019 | 3763160 | 19704525.5 | |
| 3763495 | Dorco Co., Ltd. | 07/07/2020 | 3763495 | 20184453.7 | |
| 3763561 | GRAMMER AG | 29/06/2020 | 3763561 | 20182904.1 | German |
| 3764147 | Pioneer Corporation | 06/03/2019 | 3764147 | 19764806.6 | |
| 3765554 | Nike Innovate C.V. | 12/03/2019 | 3765554 | 19713646.8 | |
| 3765767 | Inmotive Inc. | 20/11/2018 | 3765767 | 18910056.3 | |
| 3765934 | KRONES AG | 29/01/2019 | 3765934 | 19704229.4 | German |
| 3766715 | Compagnie Plastic Omnium SE | 10/07/2020 | 3766715 | 20185228.2 | French |
| 3766813 | Renova S.r.l. | 01/07/2020 | 3766813 | 20183343.1 | |
| 3767421 | Iveco S.p.A. | 16/07/2020 | 3767421 | 20186337.0 | |
| 3767486 | Microsoft Technology Licensing, LLC | 19/07/2019 | 3767486 | 19187413.0 | |
| 3767540 | Sony Semiconductor Solutions Corporation Sony Group Corporation | 25/01/2019 | 3767540 | 19768202.4 | |
| 3767652 | Sumida Corporation | 22/06/2020 | 3767652 | 20181317.7 | |
| 3767881 | Juniper Networks, Inc. | 29/06/2018 | 3767881 | 20193138.3 | |
| 3768114 | Vista Outdoor Operations LLC | 25/03/2019 | 3768114 | 19770969.4 | |
| 3769596 | ebm-papst Mulfingen GmbH & Co. KG | 04/06/2019 | 3769596 | 19728662.8 | German |
| 3770358 | Teleco Automation S.R.L. | 22/07/2020 | 3770358 | 20187215.7 | |
| 3770499 | Raytheon Technologies Corporation | 08/07/2020 | 3770499 | 20184817.3 | |
| 3770624 | Siemens Healthcare GmbH | 25/07/2019 | 3770624 | 19188305.7 | German |
| 3771013 | Tomiyama Pure Chemical Industries, Limited | 23/03/2018 | 3771013 | 18911156.0 | |
| 3771076 | ANSALDO ENERGIA S.p.A. | 23/07/2019 | 3771076 | 19425055.1 | |
| 3771182 | Schneider Electric Industries SAS | 21/07/2020 | 3771182 | 20186883.3 | French |
| 3771222 | HOSIDEN CORPORATION | 30/06/2020 | 3771222 | 20183094.0 | |
| 3771542 | Subaru Corporation | 02/06/2020 | 3771542 | 20177760.4 | |
| 3772052 | LG Display Co., Ltd. | 30/07/2020 | 3772052 | 20188613.2 | |
| 3772181 | Tridonic GmbH & Co. KG | 30/07/2019 | 3772181 | 19188969.0 | |

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|---------|---|------------|---------|------------|--------|
| 3772185 | Continental Automotive Technologies GmbH | 31/07/2019 | 3772185 | 19189294.2 | |
| 3772193 | Rockwell Collins, Inc. | 12/12/2019 | 3772193 | 19215779.0 | |
| 3772239 | Google LLC | 31/07/2020 | 3772239 | 20188887.2 | |
| 3773253 | United States Endoscopy Group, Inc. | 29/03/2019 | 3773253 | 19774335.4 | |
| 3773380 | Alvalux Medical | 02/04/2019 | 3773380 | 19712669.1 | |
| 3774112 | Clinton Machine, Inc. | 11/04/2019 | 3774112 | 19785695.8 | |
| 3774255 | Guala Closures S.p.A. | 03/04/2019 | 3774255 | 19721133.7 | |
| 3774261 | CSP Technologies, Inc. | 28/09/2018 | 3774261 | 18786198.4 | |
| 3774552 | The Procter & Gamble Company | 08/04/2019 | 3774552 | 19719020.0 | |
| 3775567 | TEQTONIQ GmbH | 02/04/2019 | 3775567 | 19716110.2 | German |
| 3775861 | California Institute of Technology | 30/11/2018 | 3775861 | 18916848.7 | |
| 3776737 | Telefonaktiebolaget LM Ericsson (publ) | 29/03/2018 | 3776737 | 18719294.3 | |
| 3777381 | QUALCOMM Incorporated | 12/04/2019 | 3777381 | 19722984.2 | |
| 3777569 | China Tobacco Yunnan Industrial Co., Ltd | 25/09/2019 | 3777569 | 19849601.0 | |
| 3778267 | Bridgestone Europe NV/SA | 24/07/2020 | 3778267 | 20187650.5 | |
| 3778395 | Goodrich Corporation | 13/12/2019 | 3778395 | 19216272.5 | |
| 3778764 | LG CHEM, LTD. | 23/12/2019 | 3778764 | 19908871.7 | |
| 3778956 | NIPPON STEEL CORPORATION | 22/03/2019 | 3778956 | 19775690.1 | |
| 3778957 | NIPPON STEEL CORPORATION | 25/03/2019 | 3778957 | 19775695.0 | |
| 3779056 | Hitachi Construction Machinery Tierra Co., Ltd. | 12/12/2018 | 3779056 | 18911937.3 | |
| 3779145 | IHI CORPORATION | 26/03/2019 | 3779145 | 19782445.1 | |
| 3779203 | Midea Robozone Technology Co., Ltd. | 01/08/2018 | 3779203 | 18920822.6 | |
| 3780071 | NISSAN MOTOR CO., LTD. Renault s.a.s | 26/03/2018 | 3780071 | 18912862.2 | |
| 3780179 | Contemporary Amperex Technology Co., Limited | 29/08/2019 | 3780179 | 19855763.9 | |
| 3780552 | HUAWEI TECHNOLOGIES CO., LTD. | 01/04/2019 | 3780552 | 19792098.6 | |
| 3780553 | Advanced New Technologies Co., Ltd. | 17/07/2019 | 3780553 | 19854036.1 | |
| 3780869 | Industrial Technology Research Institute | 12/08/2020 | 3780869 | 20190617.9 | |
| 3781021 | Avinger, Inc. | 19/04/2019 | 3781021 | 19788564.3 | |
| 3781882 | VALEO SYSTEMES THERMIQUES | 17/04/2019 | 3781882 | 19724549.1 | French |
| 3782581 | Kobayashi Pharmaceutical Co., Ltd. | 26/04/2019 | 3782581 | 19791648.9 | |
| 3782673 | Nikkiso Company Limited | 15/05/2019 | 3782673 | 19804381.2 | |

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|---------|--|------------|---------|------------|--------|
| 3782825 | Pirelli Tyre S.P.A. | 13/12/2017 | 3782825 | 20201045.0 | |
| 3784050 | Oterra A/S Københavns Universitet | 16/04/2019 | 3784050 | 19716932.9 | |
| 3784735 | Dupont Teijin Films U.S. Limited Partnership | 26/04/2019 | 3784735 | 19721357.2 | |
| 3784932 | Scania CV AB | 17/04/2019 | 3784932 | 19793146.2 | |
| 3785447 | Apple Inc. | 05/04/2019 | 3785447 | 19720732.7 | |
| 3785504 | TE Connectivity Corporation | 09/04/2019 | 3785504 | 19724245.6 | |
| 3785543 | Textor Maschinenbau GmbH | 07/07/2020 | 3785543 | 20184359.6 | German |
| 3785754 | Stamford Devices Limited | 10/04/2015 | 3785754 | 20203692.7 | |
| 3785934 | Toyo Tire Corporation | 10/08/2020 | 3785934 | 20190269.9 | |
| 3785982 | Alpine Electronics, Inc. | 13/08/2020 | 3785982 | 20190837.3 | |
| 3785986 | Mitsui Kinzoku ACT Corporation TOYOTA JIDOSHA KABUSHIKI KAISHA Kabushiki Kaisha Toyota Jidoshokki TOYOTA BOSHOKU KABUSHIKI KAISHA | 04/09/2018 | 3785986 | 18917002.0 | |
| 3786511 | NPROXX B.V. | 30/08/2019 | 3786511 | 19194565.8 | German |
| 3788194 | Nike Innovate C.V. | 26/04/2019 | 3788194 | 19722467.8 | |
| 3788535 | Visa International Service Association | 24/04/2019 | 3788535 | 19795928.1 | |
| 3788621 | Google LLC | 01/07/2019 | 3788621 | 19744997.8 | |
| 3788901 | Nike Innovate C.V. | 02/11/2016 | 3788901 | 20201908.9 | |
| 3789115 | Cytoaurora Biotechnologies, Inc. | 27/05/2020 | 3789115 | 20176754.8 | |
| 3789152 | Illinois Tool Works Inc. | 17/07/2020 | 3789152 | 20186372.7 | |
| 3789215 | Continental Reifen Deutschland GmbH | 24/08/2020 | 3789215 | 20192324.0 | German |
| 3789726 | Hexagon Technology Center GmbH | 04/09/2019 | 3789726 | 19195449.4 | German |
| 3790653 | Advanced Wetting Technologies Pty Ltd | 17/07/2018 | 3790653 | 18918356.9 | |
| 3793797 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 13/05/2019 | 3793797 | 19742425.2 | French |
| 3793885 | Liebherr-Electronics and Drives GmbH | 02/07/2019 | 3793885 | 19736652.9 | German |
| 3794234 | Siemens Gamesa Renewable Energy A/S | 24/06/2019 | 3794234 | 19739891.0 | |
| 3795827 | LG Electronics Inc. | 24/08/2020 | 3795827 | 20192359.6 | |
| 3796631 | CANON KABUSHIKI KAISHA | 12/05/2017 | 3796631 | 20201233.2 | |
| 3796733 | LG Electronics Inc. | 17/07/2019 | 3796733 | 19838855.5 | |
| 3797511 | Eurekam | 15/04/2019 | 3797511 | 19726053.2 | French |

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|---------|---|------------|---------|------------|--------|
| 3798051 | Walser, Hans-Karl | 14/07/2020 | 3798051 | 20185707.5 | German |
| 3798360 | Getzner Werkstoffe Holding GmbH | 06/09/2018 | 3798360 | 20207942.2 | German |
| 3798403 | Novoferm Rixinger Türenwerke GmbH | 07/09/2020 | 3798403 | 20194914.6 | German |
| 3798457 | Aktiebolaget SKF | 15/09/2020 | 3798457 | 20196127.3 | German |
| 3798458 | Aktiebolaget SKF | 15/09/2020 | 3798458 | 20196126.5 | German |
| 3798496 | Nabtesco Corporation | 18/09/2020 | 3798496 | 20197001.9 | |
| 3799800 | Edwards Lifesciences Corporation | 27/10/2011 | 3799800 | 20195217.3 | |
| 3800072 | HANKOOK TIRE & TECHNOLOGY CO., LTD Korea Advanced Institute Of Science And Technology | 01/10/2020 | 3800072 | 20199584.2 | |
| 3800479 | Siemens Healthcare GmbH | 02/10/2019 | 3800479 | 19201066.8 | German |
| 3800492 | Fujikura Ltd. | 03/09/2019 | 3800492 | 19859562.1 | |
| 3800669 | Analog Devices International Unlimited Company | 24/09/2020 | 3800669 | 20198015.8 | |
| 3800961 | QUALCOMM Incorporated | 30/05/2018 | 3800961 | 20209168.2 | |
| 3800979 | The Toro Company | 24/05/2019 | 3800979 | 19730086.6 | |
| 3801089 | Philip Morris Products S.A. | 06/06/2019 | 3801089 | 19728703.0 | |
| 3801357 | Azman, Veysel | 12/06/2018 | 3801357 | 18922535.2 | |
| 3801497 | Chen, Wen-Pin Excelsior Pharmatech Labs | 23/05/2019 | 3801497 | 19814175.6 | |
| 3802250 | ZF CV Systems Europe BV | 04/06/2019 | 3802250 | 19729483.8 | German |
| 3803032 | Numa Tool Company | 30/05/2019 | 3803032 | 19731492.5 | |
| 3803469 | TotalEnergies OneTech | 08/06/2018 | 3803469 | 18749495.0 | |
| 3803961 | GlobalWafers Co., Ltd. | 23/05/2019 | 3803961 | 19730628.5 | |
| 3804043 | TE Connectivity Brasil Industria De Eletronicos LTDA. TE Connectivity Corporation Tyco Electronics Canada ULC | 20/05/2019 | 3804043 | 19737584.3 | |
| 3804838 | Panasian Microvent Tech (Jiangsu) Corporation | 12/07/2018 | 3804838 | 18922037.9 | |
| 3804998 | Assa Abloy AB | 30/09/2020 | 3804998 | 20199224.5 | |
| 3806071 | NIPPON TELEGRAPH AND TELEPHONE CORPORATION | 20/05/2019 | 3806071 | 19806544.3 | |
| 3806706 | Christeyns Luxembourg S.A. | 14/06/2019 | 3806706 | 19742442.7 | French |
| 3807053 | Illinois Tool Works Inc. | 11/06/2019 | 3807053 | 19734587.9 | |

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| 3808556 | NISSAN MOTOR CO., LTD. Renault s.a.s | 13/06/2018 | 3808556 | 18922981.8 | |
| 3808577 | Continental Reifen Deutschland GmbH | 17/09/2020 | 3808577 | 20196704.9 | German |
| 3808600 | McLaren Applied Limited | 20/10/2017 | 3808600 | 20202037.6 | |
| 3808949 | Purem GmbH Volvo Truck Corporation | 16/09/2020 | 3808949 | 20196336.0 | German |
| 3808978 | Gree Electric Appliances, Inc. of Zhuhai | 14/12/2018 | 3808978 | 18929903.5 | |
| 3811044 | Siemens Aktiengesellschaft | 09/07/2019 | 3811044 | 19745999.3 | German |
| 3811672 | Google LLC | 28/05/2020 | 3811672 | 20744209.6 | |
| 3812274 | Adient Aerospace LLC | 23/10/2020 | 3812274 | 20203584.6 | |
| 3812286 | B/E Aerospace, Inc. | 12/08/2020 | 3812286 | 20190648.4 | |
| 3812713 | Diehl Metering GmbH | 01/10/2020 | 3812713 | 20199503.2 | German |
| 3812912 | Continental Automotive Technologies GmbH | 22/10/2019 | 3812912 | 19465581.7 | |
| 3813831 | Amneal Complex Products Research LLC | 19/09/2019 | 3813831 | 19780480.0 | |
| 3814236 | G.D Società per Azioni | 27/06/2019 | 3814236 | 19752258.4 | |
| 3814755 | IVL Svenska Miljöinstitutet AB | 18/06/2019 | 3814755 | 19732950.1 | |
| 3814968 | salesforce.com, inc. | 10/01/2020 | 3814968 | 20704373.8 | |
| 3815968 | B/E Aerospace, Inc. | 29/10/2020 | 3815968 | 20204781.7 | |
| 3816586 | Grant Prideco, Inc. | 04/11/2019 | 3816586 | 19206928.4 | |
| 3816603 | Siemens Gamesa Renewable Energy A/S | 28/10/2019 | 3816603 | 19205607.5 | |
| 3818635 | Shenzhen Goodix Technology Co., Ltd. | 17/12/2018 | 3818635 | 18865342.2 | |
| 3819040 | Qinhuangdao Tongqiao Technology Co., Ltd. Yanshan University | 13/08/2020 | 3819040 | 20190830.8 | |
| 3819155 | Volvo Car Corporation | 08/11/2019 | 3819155 | 19208049.7 | |
| 3819220 | Rohr, Inc. | 04/11/2020 | 3819220 | 20205731.1 | |
| 3819622 | Continental Reifen Deutschland GmbH | 12/10/2020 | 3819622 | 20201371.0 | German |
| 3820158 | ZTE Corporation | 26/07/2019 | 3820158 | 19841971.5 | |
| 3820228 | Beijing Xiaomi Mobile Software Co., Ltd. | 11/07/2018 | 3820228 | 18926255.3 | |
| 3821201 | Sirona Dental Systems GmbH Dentsply Sirona Inc. | 11/06/2019 | 3821201 | 19731640.9 | German |

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|---------|---|------------|---------|------------|--------|
| 3821954 | Cho, Byoungkoo Jeong, Yeonuk Kim, Bosub Han, Changsuk | 08/07/2019 | 3821954 | 19835018.3 | |
| 3822473 | MAZDA MOTOR CORPORATION | 10/11/2020 | 3822473 | 20206591.8 | |
| 3822499 | LG Innotek Co., Ltd. | 09/07/2019 | 3822499 | 19834835.1 | |
| 3826301 | CANON KABUSHIKI KAISHA | 11/11/2020 | 3826301 | 20206863.1 | |
| 3827287 | Ion Beam Applications S.A. | 22/07/2019 | 3827287 | 19744666.9 | |
| 3828413 | Daikin Europe N.V. DAIKIN INDUSTRIES, LTD. | 28/11/2019 | 3828413 | 19212130.9 | |
| 3832050 | Protectorwerk Florenz Maisch GmbH & Co. KG | 02/12/2020 | 3832050 | 20211229.8 | German |
| 3832197 | Radiant Opto-Electronics Corporation | 02/08/2018 | 3832197 | 18928541.4 | |
| 3832359 | Korea Advanced Institute of Science and Technology | 29/01/2020 | 3832359 | 20748181.3 | |
| 3832395 | Envisics Ltd. | 27/08/2020 | 3832395 | 20193158.1 | |
| 3832472 | INTEL Corporation | 25/08/2020 | 3832472 | 20192552.6 | |
| 3832879 | Melexis Bulgaria Ltd. | 03/12/2019 | 3832879 | 19472004.1 | |
| 3833215 | Jensong GmbH | 21/06/2019 | 3833215 | 19831874.3 | |
| 3833575 | KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH | 18/07/2019 | 3833575 | 19749237.4 | German |
| 3833857 | HONDA MOTOR CO., LTD. Vitesco Technologies GmbH | 01/08/2019 | 3833857 | 19755446.2 | |
| 3833942 | Endress + Hauser Flowtec AG | 31/07/2019 | 3833942 | 19748815.8 | German |
| 3835523 | Microplast | 16/11/2020 | 3835523 | 20207731.9 | French |
| 3836077 | BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO. LTD. | 25/03/2021 | 3836077 | 21164862.1 | |
| 3836307 | Tyco Electronics-Simel Tyco Electronics Raychem GmbH | 10/12/2019 | 3836307 | 19306621.4 | |
| 3837074 | Advanced Electrical Tools | 09/08/2019 | 3837074 | 19749386.9 | French |
| 3837115 | Memjet Technology Limited | 16/09/2019 | 3837115 | 19772683.9 | |
| 3837116 | Memjet Technology Limited | 16/09/2019 | 3837116 | 19779385.4 | |
| 3837765 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | 09/08/2019 | 3837765 | 19758636.5 | German |
| 3838606 | Funai Electric Co., Ltd. | 10/11/2020 | 3838606 | 20206646.0 | |
| 3840257 | LG Electronics, Inc. | 24/09/2015 | 3840257 | 21153001.9 | |
| 3840979 | TE Connectivity Corporation | 20/08/2019 | 3840979 | 19779985.1 | |
| 3840998 | Tata Steel Nederland Technology B.V. | 07/08/2019 | 3840998 | 19748835.6 | |

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|---------|---|------------|---------|------------|--------|
| 3841286 | Siemens Energy Global GmbH & Co. KG | 09/10/2018 | 3841286 | 18793138.1 | |
| 3841571 | Dolby International AB | 20/08/2019 | 3841571 | 19765660.6 | |
| 3842198 | SCM Group S.p.A. | 16/12/2020 | 3842198 | 20214396.2 | |
| 3842234 | Seiko Epson Corporation | 24/12/2020 | 3842234 | 20217217.7 | |
| 3843153 | LG Display Co., Ltd. | 17/12/2020 | 3843153 | 20214790.6 | |
| 3843516 | Fuji Corporation | 23/08/2018 | 3843516 | 18931182.2 | |
| 3844009 | Vitesco Technologies GmbH | 04/09/2020 | 3844009 | 20767798.0 | German |
| 3844529 | THALES | 29/08/2019 | 3844529 | 19758777.7 | French |
| 3845071 | Haanong Foods. Co., Ltd | 10/11/2020 | 3845071 | 20206684.1 | |
| 3845135 | Dragon Crown Medical Co., Ltd. | 13/11/2018 | 3845135 | 18932712.5 | |
| 3845253 | GCS Co., Ltd. | 06/11/2020 | 3845253 | 20806917.9 | |
| 3845815 | Ansaldo Energia Switzerland AG | 31/12/2019 | 3845815 | 19220209.1 | |
| 3846570 | LG Electronics Inc. | 27/09/2019 | 3846570 | 19865391.7 | |
| 3847064 | Siemens Mobility Austria GmbH | 16/09/2019 | 3847064 | 19778852.4 | German |
| 3847127 | ArcelorMittal | 09/07/2019 | 3847127 | 19769222.1 | |
| 3847733 | Google LLC | 07/09/2018 | 3847733 | 18783599.6 | |
| 3847841 | Nokia Technologies Oy | 06/09/2018 | 3847841 | 18765862.0 | |
| 3848182 | The Boeing Company | 05/01/2021 | 3848182 | 21150187.9 | |
| 3848655 | Haier Smart Home Co., Ltd. | 22/08/2019 | 3848655 | 19858532.5 | |
| 3848834 | NIPPON TELEGRAPH AND TELEPHONE CORPORATION | 26/09/2019 | 3848834 | 19871873.6 | |
| 3849263 | Datang Mobile Communications Equipment Co., Ltd. | 19/06/2019 | 3849263 | 19857945.0 | |
| 3849782 | Siemens Aktiengesellschaft | 30/10/2019 | 3849782 | 19801724.6 | German |
| 3849826 | Continental Reifen Deutschland GmbH | 13/08/2019 | 3849826 | 19758353.7 | German |
| 3850237 | Schaeffler Technologies AG & Co. KG | 23/08/2019 | 3850237 | 19765160.7 | German |
| 3853467 | Donaldson Company, Inc. | 18/09/2019 | 3853467 | 19780096.4 | |
| 3854165 | Nokia Technologies Oy | 21/09/2018 | 3854165 | 18934107.6 | |
| 3854514 | Amada Co., Ltd. | 06/09/2019 | 3854514 | 19863915.5 | |
| 3855072 | H-U-R Hamburg GmbH Hamburger- Umwelt-Recyclingtechnologien | 18/01/2021 | 3855072 | 21152052.3 | German |
| 3855079 | Planora Oy | 21/01/2021 | 3855079 | 21152641.3 | |
| 3855405 | Samsung Electronics Co., Ltd. | 20/01/2021 | 3855405 | 21152424.4 | |
| 3855757 | SHENZHEN GOODIX TECHNOLOGY CO., LTD. | 25/09/2018 | 3855757 | 18935553.0 | |

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| 3855827 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 29/10/2018 | 3855827 | 18939078.4 | |
| 3856302 | SHL Medical AG | 12/09/2019 | 3856302 | 19765497.3 | |
| 3857373 | Advanced New Technologies Co., Ltd. | 31/01/2020 | 3857373 | 20708940.0 | |
| 3858750 | Krones AG | 03/12/2020 | 3858750 | 20211540.8 | German |
| 3860033 | Samsung Electronics Co., Ltd. | 30/10/2017 | 3860033 | 21164283.0 | |
| 3860524 | DePuy Ireland Unlimited Company | 03/10/2019 | 3860524 | 19783017.7 | |
| 3862704 | Haier Smart Home Co., Ltd. Qingdao Haier Refrigerator Co., Ltd. | 30/10/2019 | 3862704 | 19888565.9 | |
| 3863325 | ASUSTek Computer Inc. | 17/12/2020 | 3863325 | 20214802.9 | |
| 3864248 | Pellini S.p.A. | 10/10/2019 | 3864248 | 19798129.3 | |
| 3864261 | Vitesco Technologies GmbH | 10/10/2019 | 3864261 | 19805895.0 | German |
| 3864987 | Japan Tobacco Inc. | 29/05/2015 | 3864987 | 21166610.2 | |
| 3865919 | Toppan Printing Co., Ltd. | 30/05/2013 | 3865919 | 21166580.7 | |
| 3866230 | Mitsubishi Chemical Corporation | 02/02/2009 | 3866230 | 21167374.4 | |
| 3866636 | The North Face Apparel Corp. | 15/10/2019 | 3866636 | 19795431.6 | |
| 3867773 | Microsoft Technology Licensing, LLC | 24/11/2019 | 3867773 | 19820974.4 | |
| 3867783 | ARM Limited | 05/09/2019 | 3867783 | 19766320.6 | |
| 3868445 | Mini Green Power | 25/01/2021 | 3868445 | 21153321.1 | French |
| 3868509 | Samsung SDI Co., Ltd. | 11/02/2021 | 3868509 | 21156653.4 | |
| 3868601 | Toyota Jidosha Kabushiki Kaisha | 12/02/2021 | 3868601 | 21156871.2 | |
| 3868999 | Weatherford Technology Holdings, LLC | 24/10/2017 | 3868999 | 21165196.3 | |
| 3869981 | Philip Morris Products, S.A. | 21/10/2019 | 3869981 | 19786994.4 | |
| 3870868 | Raytheon Company | 22/08/2019 | 3870868 | 19762666.6 | |
| 3871586 | Boston Scientific Scimed, Inc. | 06/12/2017 | 3871586 | 21165895.0 | |
| 3872261 | Wirtgen GmbH | 22/02/2021 | 3872261 | 21158415.6 | German |
| 3873894 | Vernalis (R&D) Limited Les Laboratoires Servier | 30/10/2019 | 3873894 | 19800947.4 | |
| 3874526 | GE-Hitachi Nuclear Energy Americas LLC | 29/10/2019 | 3874526 | 19805833.1 | |
| 3875241 | MITSUBISHI HEAVY INDUSTRIES, LTD. | 17/10/2019 | 3875241 | 19897299.4 | |
| 3877828 | Microsoft Technology Licensing, LLC | 31/10/2019 | 3877828 | 19809238.9 | |
| 3878552 | Archer-Daniels-Midland Company | 29/04/2015 | 3878552 | 21167731.5 | |
| 3878626 | KRONES AG | 16/12/2020 | 3878626 | 20000473.7 | German |
| 3879840 | Shanghai Bilibili Technology Co., Ltd. | 25/12/2019 | 3879840 | 19912438.9 | |

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| 3881037 | Syntegon Packaging Technology GmbH Syntegon Technology GmbH Syntegon Packaging Systems AG | 18/09/2019 | 3881037 | 19794879.7 | German |
| 3881578 | MediaTek Singapore Pte. Ltd. | 29/11/2019 | 3881578 | 19896053.6 | |
| 3883830 | Caterpillar SARL | 21/11/2019 | 3883830 | 19817146.4 | |
| 3884613 | Telefonaktiebolaget LM Ericsson (publ) | 21/12/2018 | 3884613 | 18826731.4 | |
| 3884727 | Google LLC | 16/01/2020 | 3884727 | 20704752.3 | |
| 3885448 | New England Biolabs, Inc. | 31/08/2017 | 3885448 | 21174494.1 | |
| 3886813 | Hepion Pharmaceuticals, Inc. | 22/11/2019 | 3886813 | 19821392.8 | |
| 3887168 | Memjet Technology Limited | 13/12/2019 | 3887168 | 19832024.4 | |
| 3888430 | Beckhoff Automation GmbH | 11/12/2019 | 3888430 | 19821065.0 | German |
| 3888576 | Heraeus Medical GmbH | 31/03/2020 | 3888576 | 20167055.1 | German |
| 3889627 | YOKOGAWA ELECTRIC CORPORATION | 29/03/2021 | 3889627 | 21165554.3 | |
| 3890069 | Contemporary Amperex Technology Co., Limited | 31/07/2020 | 3890069 | 20862029.4 | |
| 3890528 | Philip Morris Products S.A. | 06/12/2019 | 3890528 | 19813557.6 | |
| 3890995 | Continental Reifen Deutschland GmbH | 24/10/2019 | 3890995 | 19800937.5 | German |
| 3895499 | Beijing Xiaomi Mobile Software Co., Ltd. | 17/08/2020 | 3895499 | 20762023.8 | |
| 3896546 | Accenture Global Solutions Limited | 15/04/2021 | 3896546 | 21168675.3 | |
| 3897913 | Analytik Jena GmbH | 28/11/2019 | 3897913 | 19812978.5 | German |
| 3898249 | IDEMIA France | 19/12/2019 | 3898249 | 19848784.5 | French |
| 3898955 | Luxembourg Institute of Science and Technology (LIST) | 02/12/2019 | 3898955 | 19820677.3 | |
| 3899027 | HiFiBiO (HK) Limited Paris Sciences et Lettres Centre national de la recherche scientifique Institut Curie The President and Fellows of Harvard College Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE - INSERM | 19/12/2019 | 3899027 | 19828270.9 | |
| 3899404 | Valeo Systemes Thermiques | 02/12/2019 | 3899404 | 19839346.4 | French |

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| 3899667 | Lumileds Holding B.V. | 17/12/2019 | 3899667 | 19853273.1 | |
| 3900665 | Gt-Medical, S.L. | 26/02/2020 | 3900665 | 20725588.6 | |
| 3901456 | Siemens Gamesa Renewable Energy A/S | 23/04/2020 | 3901456 | 20171063.9 | |
| 3902041 | TOYOTA JIDOSHA KABUSHIKI KAISHA | 07/04/2021 | 3902041 | 21167161.5 | |
| 3902042 | TOYOTA JIDOSHA KABUSHIKI KAISHA | 08/04/2021 | 3902042 | 21167406.4 | |
| 3902069 | Yazaki Corporation | 19/04/2021 | 3902069 | 21169133.2 | |
| 3902942 | GlobalWafers Co., Ltd. | 13/12/2019 | 3902942 | 19836380.6 | |
| 3903017 | Nikola Corporation | 11/03/2020 | 3903017 | 20770415.6 | |
| 3903587 | Albert Handtmann Maschinenfabrik GmbH & Co. KG | 29/01/2021 | 3903587 | 21154290.7 | German |
| 3903980 | Denka Company Limited | 26/12/2019 | 3903980 | 19905496.6 | |
| 3904249 | B&R Industrial Automation GmbH | 26/04/2021 | 3904249 | 21170348.3 | German |
| 3904843 | Mettler-Toledo International Trading (Shanghai) Co., Ltd Mettler Toledo (Changzhou) Precision Instrument Ltd. Mettler Toledo (Changzhou) Measurement Technology Ltd. | 29/04/2021 | 3904843 | 21171136.1 | |
| 3904894 | YOKOGAWA ELECTRIC CORPORATION | 18/10/2019 | 3904894 | 19902756.6 | |
| 3907048 | Braun GmbH | 08/05/2020 | 3907048 | 20173681.6 | |
| 3907049 | Braun GmbH | 08/05/2020 | 3907049 | 20173683.2 | |
| 3907561 | Molecular Imprints, Inc. | 02/06/2017 | 3907561 | 21176000.4 | |
| 3907631 | BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD. | 30/07/2020 | 3907631 | 20862009.6 | |
| 3907962 | Juniper Networks, Inc. | 20/08/2020 | 3907962 | 20191879.4 | |
| 3907975 | Beijing Xiaomi Mobile Software Co., Ltd. | 05/10/2020 | 3907975 | 20200090.7 | |
| 3908212 | Anaconda Biomed, S.L. | 24/12/2019 | 3908212 | 19831756.2 | |
| 3908272 | Uni-Pharma Kleon Tsetis Pharmaceutical Laboratories S.A. Tseti, Ioulia | 27/12/2019 | 3908272 | 19832974.0 | |
| 3908744 | Siemens Gamesa Renewable Energy Service GmbH | 18/12/2019 | 3908744 | 19831674.7 | German |
| 3909461 | NIKE Innovate C.V. | 01/06/2018 | 3909461 | 21183264.7 | |

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| 3909482 | Miele & Cie. KG | 21/04/2021 | 3909482 | 21169547.3 | German |
| 3909632 | Löwenstein Medical Technology S.A. | 19/04/2021 | 3909632 | 21020212.3 | German |
| 3909775 | Suzhou Ruifa Printing Technology Co., Ltd. | 10/05/2021 | 3909775 | 21173170.8 | |
| 3909827 | Nabtesco Corporation | 09/04/2021 | 3909827 | 21167620.0 | |
| 3910516 | Beijing Baidu Netcom Science and Technology Co., Ltd. | 09/08/2021 | 3910516 | 21190409.9 | |
| 3910576 | Alipay (Hangzhou) Information Technology Co., Ltd. | 30/04/2021 | 3910576 | 21171456.3 | |
| 3911481 | CAREFUSION 2200, INC. | 15/01/2020 | 3911481 | 20704730.9 | |
| 3911821 | Dan Raz Ltd. | 15/01/2020 | 3911821 | 20741771.8 | |
| 3912366 | Faurecia Creo AB | 14/01/2020 | 3912366 | 20700798.0 | |
| 3912987 | Regeneron Pharmaceuticals, Inc. | 24/07/2015 | 3912987 | 21170436.6 | |
| 3913426 | LG Display Co., Ltd. | 02/08/2017 | 3913426 | 21184892.4 | |
| 3913673 | Artlux Inc. | 03/04/2018 | 3913673 | 21182787.8 | |
| 3914187 | Rhein 83 S.r.l. | 20/01/2020 | 3914187 | 20700728.7 | |
| 3914544 | TIAMA | 22/01/2020 | 3914544 | 20707496.4 | French |
| 3915869 | AIRBUS HELICOPTERS DEUTSCHLAND GmbH | 28/05/2020 | 3915869 | 20400008.7 | |
| 3916702 | Tensator Group Limited | 26/05/2021 | 3916702 | 21176064.0 | |
| 3917860 | Aroma System SRL | 16/04/2020 | 3917860 | 20725916.9 | |
| 3918901 | Deere & Company | 06/05/2021 | 3918901 | 21172587.4 | |
| 3919138 | LG Electronics Inc. | 22/04/2021 | 3919138 | 21169813.9 | |
| 3919351 | Wonderland Switzerland AG | 23/01/2020 | 3919351 | 21186432.7 | |
| 3920053 | MITSUBISHI ELECTRIC CORPORATION | 01/03/2019 | 3920053 | 19917744.5 | |
| 3920616 | LG Electronics Inc. | 08/05/2018 | 3920616 | 21187604.0 | |
| 3921008 | Camcon Medical Limited | 31/01/2020 | 3921008 | 20705783.7 | |
| 3921558 | Koenigsegg Automotive AB | 07/02/2020 | 3921558 | 20702689.9 | |
| 3922495 | CLAAS Tractor S.A.S. | 27/04/2021 | 3922495 | 21170631.2 | German |
| 3923886 | The Procter & Gamble Company | 21/01/2020 | 3923886 | 20756546.6 | |
| 3924339 | Syngenta Crop Protection AG | 10/02/2020 | 3924339 | 20710040.5 | |
| 3924392 | Dow Global Technologies LLC Rohm and Haas Company The Regents of the University of California | 07/02/2020 | 3924392 | 20713774.6 | |

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| 3924757 | Multiwave Innovation Université d'Aix-Marseille Centre national de la recherche scientifique Ecole Centrale De Marseille (ECM) | 14/02/2020 | 3924757 | 20706991.5 | French |
| 3925507 | Midea Robozone Technology Co., Ltd. | 20/08/2019 | 3925507 | 19933481.4 | |
| 3925832 | VOLKSWAGEN AG | 28/05/2021 | 3925832 | 21176643.1 | German |
| 3926023 | Merck Patent GmbH | 07/06/2021 | 3926023 | 21177892.3 | |
| 3926281 | Valeo Autosystemy Sp. z o.o. | 17/06/2020 | 3926281 | 20461541.3 | |
| 3926532 | TOYOTA JIDOSHA KABUSHIKI KAISHA | 16/06/2021 | 3926532 | 21179789.9 | |
| 3927135 | Fuji Corporation | 14/02/2019 | 3927135 | 19915570.6 | |
| 3927264 | Botiss Biomaterials GmbH | 20/02/2020 | 3927264 | 20706697.8 | German |
| 3927691 | Syngenta Crop Protection AG | 19/02/2020 | 3927691 | 20707205.9 | |
| 3928038 | E.ON Sverige AB | 20/02/2020 | 3928038 | 20706692.9 | |
| 3928100 | Mologic Limited | 21/02/2020 | 3928100 | 20708581.2 | |
| 3928583 | QUALCOMM Incorporated | 05/02/2020 | 3928583 | 20709426.9 | |
| 3928955 | Denka Company Limited | 25/03/2020 | 3928955 | 20777016.5 | |
| 3929431 | Nordex Energy SE & Co. KG | 22/06/2020 | 3929431 | 20181436.5 | German |
| 3929468 | The Hilliard Corporation | 07/06/2021 | 3929468 | 21177891.5 | |
| 3929634 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 03/06/2021 | 3929634 | 21177529.1 | French |
| 3929770 | Google LLC | 11/11/2016 | 3929770 | 21192629.0 | |
| 3929778 | SSenStone Inc. | 19/01/2018 | 3929778 | 21192289.3 | |
| 3930070 | Contemporary Amperex Technology Co., Limited | 27/11/2019 | 3930070 | 19954355.4 | |
| 3930074 | Contemporary Amperex Technology Co., Limited | 23/11/2020 | 3930074 | 20892860.6 | |
| 3930943 | Siemens Industry Software NV | 10/07/2019 | 3930943 | 19746011.6 | |
| 3931047 | MIM Construction AB | 14/02/2020 | 3931047 | 20705681.3 | |
| 3931355 | Illumina Cambridge Limited | 01/12/2020 | 3931355 | 20817318.7 | |
| 3931463 | SEASYSTEMS AS | 25/02/2020 | 3931463 | 20707242.2 | |
| 3931494 | E.ON Sverige AB | 25/02/2020 | 3931494 | 20707389.1 | |
| 3933145 | Bestway Inflatables & Material Corp. | 07/05/2020 | 3933145 | 21193181.1 | |
| 3934144 | LG Energy Solution, Ltd. | 12/11/2020 | 3934144 | 20887495.8 | |
| 3934783 | Metso Outotec Finland Oy | 26/02/2020 | 3934783 | 20710572.7 | |
| 3934820 | TUNAP GmbH & Co. KG | 18/02/2020 | 3934820 | 20706675.4 | |
| 3935010 | Linde GmbH | 20/02/2020 | 3935010 | 20707351.1 | German |

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| 3935308 | Linde GmbH | 28/02/2020 | 3935308 | 20707568.0 | German |
| 3935754 | Microsoft Technology Licensing, LLC | 23/03/2020 | 3935754 | 20720962.8 | |
| 3935766 | Microsoft Technology Licensing, LLC | 25/03/2020 | 3935766 | 20720597.2 | |
| 3936104 | Vysoka skola banska - Technicka univerzita Ostrava Theosun technologies s.r.o. | 08/06/2021 | 3936104 | 21178133.1 | |
| 3938440 | Basell Poliolefine Italia S.r.l. | 20/02/2020 | 3938440 | 20705082.4 | |
| 3938611 | Cotillon, Jean-Louis | 03/02/2020 | 3938611 | 20706110.2 | French |
| 3938751 | Corning Incorporated | 20/02/2020 | 3938751 | 20715518.5 | |
| 3939151 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 04/02/2020 | 3939151 | 20706794.3 | French |
| 3939231 | Amazon Technologies Inc. | 27/03/2020 | 3939231 | 20721931.2 | |
| 3939389 | Airbus Operations GmbH | 24/11/2020 | 3939389 | 20816417.8 | German |
| 3939455 | TOP GLOVE INTERNATIONAL SDN. BHD. | 15/07/2021 | 3939455 | 21185760.2 | |
| 3939733 | Daihen Corporation | 22/06/2021 | 3939733 | 21180868.8 | |
| 3940561 | Alipay (Hangzhou) Information Technology Co., Ltd. | 25/06/2021 | 3940561 | 21181669.9 | |
| 3940988 | Visa International Service Association | 30/10/2017 | 3940988 | 21194936.7 | |
| 3941163 | Lutron Technology Company LLC | 28/02/2014 | 3941163 | 21189444.9 | |
| 3942452 | Microsoft Technology Licensing, LLC | 05/04/2020 | 3942452 | 20721077.4 | |
| 3943574 | Samsung Electronics Co., Ltd. | 23/07/2021 | 3943574 | 21187508.3 | |
| 3943870 | NEXTER Systems | 04/06/2021 | 3943870 | 21177823.8 | French |
| 3944049 | INTEL Corporation | 16/11/2020 | 3944049 | 20207742.6 | |
| 3945144 | C. Uyemura & Co., Ltd. | 27/07/2021 | 3945144 | 21187838.4 | |
| 3945852 | Oterra A/S | 07/02/2020 | 3945852 | 20702815.0 | |
| 3946772 | Primetals Technologies Austria GmbH | 21/01/2020 | 3946772 | 20700748.5 | German |
| 3946978 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 26/03/2020 | 3946978 | 20713013.9 | French |
| 3947016 | Siemens Mobility GmbH | 27/03/2020 | 3947016 | 20718197.5 | German |
| 3947099 | AXTONE Spółka Akcyjna | 26/03/2020 | 3947099 | 20715807.2 | |
| 3947310 | Pilkington Group Limited | 27/03/2020 | 3947310 | 20718711.3 | |
| 3947500 | DDP Specialty Electronic Materials US, LLC | 04/03/2020 | 3947500 | 20714084.9 | |
| 3947831 | Metalogenia Research & Technologies S.L. | 27/03/2020 | 3947831 | 20714215.9 | |

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| 3948191 | Université Paris Cité SORBONNE UNIVERSITE Ecole Polytechnique Centre national de la recherche scientifique Commissariat à l'Energie Atomique et aux Energies Alternatives | 21/02/2020 | 3948191 | 20705986.6 | |
| 3948603 | British Telecommunications public limited company | 18/03/2020 | 3948603 | 20710567.7 | |
| 3948604 | British Telecommunications public limited company | 18/03/2020 | 3948604 | 20710568.5 | |
| 3948941 | SOITEC | 26/03/2020 | 3948941 | 20713004.8 | French |
| 3949083 | Siemens Aktiengesellschaft | 03/04/2020 | 3949083 | 20718251.0 | German |
| 3949579 | Telefonaktiebolaget LM Ericsson (publ) | 27/03/2020 | 3949579 | 20717966.4 | |
| 3951126 | Arcora Ecole Nationale des Ponts et Chaussées | 15/07/2021 | 3951126 | 21185715.6 | French |
| 3951306 | Google LLC | 07/09/2018 | 3951306 | 21197460.5 | |
| 3951808 | LG Energy Solution, Ltd. | 10/08/2020 | 3951808 | 20852846.3 | |
| 3953415 | BASF SE | 07/04/2020 | 3953415 | 20715415.4 | |
| 3954007 | Rittal GmbH & Co. KG | 30/03/2020 | 3954007 | 20718546.3 | German |
| 3954046 | Kandou Labs SA | 03/04/2020 | 3954046 | 20722794.3 | |
| 3954077 | QUALCOMM Incorporated | 24/02/2020 | 3954077 | 20712422.3 | |
| 3954529 | KRONES AG | 09/07/2021 | 3954529 | 21184743.9 | German |
| 3956126 | dp polar GmbH | 17/04/2020 | 3956126 | 20723793.4 | German |
| 3956494 | Sy&Se SA | 20/04/2020 | 3956494 | 20721779.5 | French |
| 3956572 | Schneider + Stahl Besitzunternehmen Gbr | 23/06/2020 | 3956572 | 20734519.0 | German |
| 3956646 | SAFRAN Safran Helicopter Engines | 17/04/2020 | 3956646 | 20727831.8 | French |
| 3959479 | VALEO SYSTEMES THERMIQUES | 15/04/2020 | 3959479 | 20719430.9 | French |
| 3959514 | Robert Bosch GmbH | 17/04/2020 | 3959514 | 20720411.6 | German |
| 3959648 | Safran Electronics & Defense | 21/04/2020 | 3959648 | 20720814.1 | French |
| 3960722 | Mitsubishi Materials Corporation | 13/08/2020 | 3960722 | 20855157.2 | |
| 3961140 | SHINKO ELECTRIC INDUSTRIES CO., LTD. | 19/08/2021 | 3961140 | 21192153.1 | |
| 3962489 | Elkem Silicones USA Corp. Elkem Silicones Germany GmbH | 20/02/2020 | 3962489 | 20712754.9 | |
| 3962647 | BIOMÉRIEUX | 29/04/2020 | 3962647 | 20731912.0 | French |

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| 3962849 | INVENTIO AG | 27/04/2020 | 3962849 | 20720102.1 | German |
| 3962990 | BASF SE | 29/04/2020 | 3962990 | 20720848.9 | |
| 3963318 | Robert Bosch GmbH | 07/04/2020 | 3963318 | 20718282.5 | German |
| 3964300 | Industrielack AG | 04/09/2020 | 3964300 | 20194537.5 | German |
| 3965404 | Amazon Technologies Inc. | 12/09/2018 | 3965404 | 21204808.6 | |
| 3965615 | Paul Hettich GmbH & Co. KG | 28/04/2020 | 3965615 | 20722558.2 | German |
| 3966495 | HELLA GmbH & Co. KGaA | 15/10/2020 | 3966495 | 20800796.3 | German |
| 3967870 | Vestas Wind Systems A/S | 14/09/2020 | 3967870 | 20195931.9 | |
| 3967898 | STABILUS GmbH | 08/09/2021 | 3967898 | 21195487.0 | German |
| 3968818 | Paul Hettich GmbH & Co. KG | 04/05/2020 | 3968818 | 20724776.8 | German |
| 3968880 | Yildiz Teknik Üniversitesi | 30/09/2019 | 3968880 | 19805791.1 | |
| 3968923 | Fameccanica.Data S.p.A. | 12/05/2020 | 3968923 | 20730481.7 | |
| 3969493 | Covestro Intellectual Property GmbH & Co. KG | 07/05/2020 | 3969493 | 20724110.0 | German |
| 3970220 | Nikola Corporation | 28/04/2020 | 3970220 | 20805727.3 | |
| 3971115 | Gerhard Schubert GmbH | 27/08/2021 | 3971115 | 21193570.5 | German |
| 3971133 | Commissariat à l'énergie atomique et aux énergies alternatives | 13/09/2021 | 3971133 | 21196249.3 | French |
| 3972248 | CANON KABUSHIKI KAISHA | 18/01/2013 | 3972248 | 21198518.9 | |
| 3972460 | Eugster/Frismag AG | 20/05/2019 | 3972460 | 19727317.0 | German |
| 3973149 | SAFRAN AIRCRAFT ENGINES | 19/05/2020 | 3973149 | 20737518.9 | French |
| 3973155 | Calaggi S.A.S. | 20/05/2020 | 3973155 | 20743866.4 | |
| 3976288 | Audi AG | 13/05/2020 | 3976288 | 20726066.2 | German |
| 3978400 | Movex S.p.A. | 14/09/2021 | 3978400 | 21196691.6 | |
| 3978880 | MITSUBISHI ELECTRIC CORPORATION | 24/05/2019 | 3978880 | 19930387.6 | |
| 3980480 | Covestro Intellectual Property GmbH & Co. KG | 29/05/2020 | 3980480 | 20727825.0 | German |
| 3981663 | SpeedInnov | 05/10/2021 | 3981663 | 21200883.3 | French |
| 3982054 | Hangzhou Sanhua Research Institute Co., Ltd. | 28/07/2020 | 3982054 | 20848620.9 | |
| 3982389 | MITSUBISHI ELECTRIC CORPORATION | 07/06/2019 | 3982389 | 19931672.0 | |
| 3983259 | ITALDESIGN-GIUGIARO S.p.A | 22/05/2020 | 3983259 | 20728564.4 | |
| 3983652 | Safran Helicopter Engines | 04/06/2020 | 3983652 | 20742314.6 | French |
| 3983773 | Thales Management & Services Deutschland GmbH | 28/04/2020 | 3983773 | 20720487.6 | German |
| 3984932 | Seiko Epson Corporation | 12/10/2021 | 3984932 | 21202083.8 | |

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| 3985499 | Schneider Electric Industries SAS | 14/10/2020 | 3985499 | 20306205.4 | German |
| 3986957 | Dow Silicones Corporation Dow Global Technologies, LLC | 06/04/2020 | 3986957 | 20722133.4 | |
| 3987992 | Vorwerk & Co. Interholding GmbH | 25/10/2021 | 3987992 | 21204367.3 | German |
| 3988064 | Klose, Thomas Schmidt, Sandra | 26/10/2020 | 3988064 | 20203906.1 | German |
| 3988242 | Llantacars, S.L. | 14/06/2021 | 3988242 | 21739737.1 | |
| 3990745 | Casagrande S.P.A. | 18/06/2020 | 3990745 | 20736796.2 | |
| 3991939 | SUMITOMO CHEMICAL COMPANY, LIMITED | 01/09/2021 | 3991939 | 21194313.9 | |
| 3995765 | Whirlpool Corporation | 03/11/2021 | 3995765 | 21206276.4 | |
| 3997348 | Elkamet Kunststofftechnik GmbH | 03/09/2020 | 3997348 | 20771229.0 | German |
| 3999270 | Kapp Niles GmbH & Co. KG | 02/07/2020 | 3999270 | 20737117.0 | German |
| 4006495 | Dr. Johannes Heidenhain GmbH | 12/11/2021 | 4006495 | 21207893.5 | German |
| 4006968 | Hitachi Energy Switzerland AG | 26/11/2020 | 4006968 | 20210025.1 | |
| 4009525 | Captron Electronic GmbH | 01/12/2021 | 4009525 | 21211695.8 | |
| 4009572 | Telefonaktiebolaget LM Ericsson (publ) | 23/05/2017 | 4009572 | 22153583.4 | |
| 4009732 | ASUSTek Computer Inc. | 22/11/2021 | 4009732 | 21209494.0 | |
| 4009853 | DERMAVISION SOLUTIONS, SL | 14/07/2020 | 4009853 | 20739685.4 | |
| 4010758 | CooperVision International Limited | 14/10/2020 | 4010758 | 20796889.2 | |
| 4014236 | Dolby Laboratories Licensing Corporation Dolby International AB | 13/08/2020 | 4014236 | 20760722.7 | |
| 4014425 | British Telecommunications public limited company | 23/06/2020 | 4014425 | 20734526.5 | |
| 4017952 | Unilever Global IP Limited | 20/08/2020 | 4017952 | 20756881.7 | |
| 4017955 | Unilever Global IP Limited | 20/08/2020 | 4017955 | 20757347.8 | |
| 4018121 | Signify Holding B.V. | 17/08/2020 | 4018121 | 20754282.0 | |
| 4021564 | MED-EL Elektromedizinische Geräte GmbH | 16/09/2020 | 4021564 | 20781445.0 | |
| 4025354 | G.D SOCIETA' PER AZIONI | 03/09/2020 | 4025354 | 20785596.6 | |
| 4026304 | TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) | 04/09/2019 | 4026304 | 19769926.7 | |
| 4026365 | Telefonaktiebolaget LM Ericsson (publ) | 17/09/2020 | 4026365 | 20775843.4 | |
| 4031010 | Koninklijke Philips N.V. | 20/09/2020 | 4031010 | 20775293.2 | |
| 4033516 | JEOL Ltd. | 12/01/2022 | 4033516 | 22151113.2 | |
| 4035740 | Tata Consultancy Services Limited | 02/12/2021 | 4035740 | 21211851.7 | |
| 4036130 | Borealis AG | 29/01/2021 | 4036130 | 21154168.5 | |

| | | | | | |
|---------|--|------------|---------|------------|--------|
| 4037523 | Koninklijke Philips N.V. | 01/10/2020 | 4037523 | 20780234.9 | |
| 4039405 | OPTIMO Robotics OÜ | 08/02/2021 | 4039405 | 21155709.5 | |
| 4039568 | Yamaha Hatsudoki Kabushiki Kaisha | 13/10/2021 | 4039568 | 21202441.8 | |
| 4040425 | Edwards Lifesciences Corporation | 22/01/2020 | 4040425 | 22164060.0 | |
| 4044640 | Deutsche Telekom AG | 16/02/2021 | 4044640 | 21157481.9 | |
| 4055403 | Koninklijke Philips N.V. | 30/10/2020 | 4055403 | 20796832.2 | |
| 4066441 | Telefonaktiebolaget LM Ericsson (publ) | 28/11/2019 | 4066441 | 19812979.3 | |
| 4067548 | Andritz Küsters GmbH | 22/03/2022 | 4067548 | 22163578.2 | German |
| 4068402 | Cairdac | 29/03/2021 | 4068402 | 21315055.0 | French |
| 4069965 | Voith Patent GmbH | 17/11/2020 | 4069965 | 20808339.4 | German |
| 4070788 | Gilead Sciences, Inc. | 29/06/2016 | 4070788 | 22176537.3 | |
| 4071504 | SICK AG | 09/04/2021 | 4071504 | 21167729.9 | German |
| 4072974 | Société des Produits Nestlé S.A. | 27/08/2021 | 4072974 | 21769419.9 | |
| 4077949 | SAFRAN AIRCRAFT ENGINES | 18/12/2020 | 4077949 | 20829606.1 | French |
| 4088974 | Carman Enterprise Co., Ltd. | 28/05/2021 | 4088974 | 21176694.4 | |

Deemed to have been Withdrawn - Section 23(9)

- S20220003 Deep Water Powered Electricity Generating System. BLAKE, JOSEPH
- S20220005 "An insufflator and a method for determining an optimum maximum pressure for insufflating a cavity in the body of a human or animal subject".
PALLIARE LIMITED
- S20220008 "A method and an insufflator configured for determining a value of a volume of insufflating gas to be drawn from an insufflated cavity during evacuation of the cavity". PALLIARE LIMITED
- S20220014 "A partitioning element for partitioning a lumen, and a method for sealably isolating a portion of a lumen from another portion thereof". PALLIARE LIMITED
- S20220015 Self-Tanning Lotion Applicator Mitt. HAMILTON, CARLY ELIZABETH
- S20220017 A Smoothing Float. PATRICK DOWNEY; MICHAEL FOY; PAUL O'REILLY
-

Refused - Section 31(1)

- 20170074 Int. Cl. (2022.01)**E04D 5/00; E04D 13/00**. A building component. IG ELEMENTS LTD
- 20220148 Load Securing System for Bale Trailers. COLIN FRENCH; KEN MORRIS
-

Applications Lapsed Through Non-Payment of Renewal Fees Section (35) 1

20220134 Int. Cl. (2022.01) **A61B 50/00** A61B 17/00. Packaging Systems And Methods For Mounting
A Tool On A Surgical Device Using The Same. Stryker European Operations Limited

Patents Lapsed Through Non-Payment of Renewal Fees

Please note that due to the high volume of lapsed patents (mostly European Patents designating the State which are not subsequently validated), details of these patents are no longer included in the printed version of the Journal. Instead, they are available to view on the online version of the journal at <https://www.ipoi.gov.ie/en/ip-search-tools/search-the-journal/>

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.

3310786 Nanophagix LLC
DRUG DELIVERY AND IMAGING CHEMICAL CONJUGATE,
FORMULATIONS AND METHODS OF USE THEREOF

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.

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.

2010028 GlaxoSmithKline Biologicals SA, Rue de l'Institut 89, 1330 Rixensart, Belgium

(13/01/2014)

Patent No: 1401489; CAPSULAR POLYSACCHARIDE SOLUBILISATION

Product: Meningococcal group Y oligosaccharide conjugated to *Corynebacterium diphtheriae* CRM 197 protein.

Market Authorisation: Ireland EU/1/10/614/001, 15/03/2010

European Union EU/1/10/614/001, 15/03/2010

SPC No. 2010/028 lapsed due to non-payment of SPC Renewal Fee in respect of year 21.

2010029 GlaxoSmithKline Biologicals SA, Rue de l'Institut 89, 1330 Rixensart, Belgium

(13/01/2014)

Patent No: 1401489; CAPSULAR POLYSACCHARIDE SOLUBILISATION

Product: Meningococcal group A oligosaccharide conjugated to *Corynebacterium diphtheriae* CRM 197 protein.

Market Authorisation: Ireland EU/1/10/614/001, 15/03/2010

European Union EU/1/10/614/001, 15/03/2010

SPC No. 2010/029 lapsed due to non-payment of SPC Renewal Fee in respect of year 21.

2010030 GlaxoSmithKline Biologicals SA, Rue de l'Institut 89, 1330 Rixensart, Belgium

(13/01/2014)

Patent No: 1401489; CAPSULAR POLYSACCHARIDE SOLUBILISATION

Product: Meningococcal group W135 oligosaccharide conjugated to *Corynebacterium diphtheriae* CRM 197 protein.

Market Authorisation: Ireland EU/1/10/614/001, 15/03/2010

Ireland EU/1/10/614/001, 15/03/2010

SPC No. 2010/030 lapsed due to non-payment of SPC Renewal Fee in respect of year 21.

Proceedings under Section 37 of the Patents Act, 1992

Restoration Order dated 14th March 2023 was made restoring the Patent mentioned below.

2685586 LG Chem, Ltd.
CHARGING METHOD AND CHARGING APPARATUS FOR CHARGING
BATTERY

Restoration Order dated 14th March 2023 was made restoring the Patent mentioned below.

2891631 Pharmtec SA
DECONTAMINATION METHOD AND APPARATUS FOR EFFLUENTS

Restoration Order dated 14th March 2023 was made restoring the Patent mentioned below.

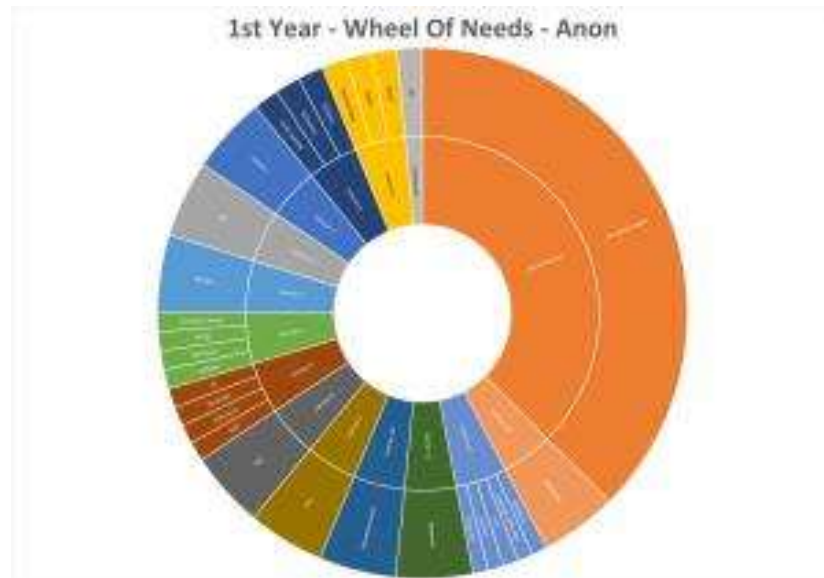
3326168 Applied Medical Resources Corporation
APPENDECTOMY MODEL

Designs Registered Under The Industrial Designs Act, 2001

23474 19-07 Robert Doyle, The Knocks, Naas W91k29K, Ireland
Address for service is c/o Robert Doyle
The Knocks, Naas W91k29K, Ireland

Date of Registration: 28 February 2023.

Teaching material for establishing the needs of students in a group.



23475

32.00

David Carthy, 23 St Berachs Place, Dublin 5 D05 V380, Ireland
Address for service is c/o David Carthy
23 St Berachs Place, Dublin 5 D05 V380, Ireland

Date of Registration: 22 February 2023.

Voiceassist logo



The logo for VoiceAssist features the word "VoiceAssist" in a blue, sans-serif font. The letters "i" and "s" are lowercase, while "V", "A", and "T" are uppercase. Two small red stars are positioned above the "i" and "s". The logo is set against a light blue background.

Renewal of Designs Registered under the Industrial Designs Act, 2001

Registrations renewed for 2nd period of 5 Years

| Design Number | Class |
|---------------|-------|
| 22294 | 03.01 |
| 22295 | 03.01 |
| 22298 | 03.01 |
| 22299 | 03.01 |

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

| Design number | Class |
|---------------|-------|
| 20069 | 09-03 |
| 20212 | 06-01 |
| 20392 | 09-03 |
| 21521 | 03-01 |
| 21525 | 03-01 |
| 21533 | 03-01 |
| 22174 | 07.06 |
| 22175 | 07.06 |
| 22176 | 07.06 |
| 22177 | 07.06 |
| 22178 | 07.06 |
| 22179 | 07.06 |
| 22180 | 07.06 |
| 22181 | 06.07 |
| 22182 | 06.07 |
| 22185 | 07.01 |
| 22186 | 07.01 |
| 22187 | 07.01 |
| 22188 | 07.01 |
| 22189 | 07.01 |
| 22190 | 11.02 |
| 22191 | 11.02 |
| 22197 | 11.02 |
| 22198 | 11.02 |
| 22199 | 11.02 |
| 22200 | 11.02 |
| 22201 | 11.02 |
| 22202 | 11.02 |
| 22203 | 11.02 |
| 22287 | 03.01 |
| 22288 | 03.01 |
| 22289 | 03.01 |
| 22290 | 03.01 |
| 22291 | 03.01 |
| 22292 | 03.01 |
| 22293 | 03.01 |

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

Cuid II
Trádmharcanna

No. 2487

Wednesday, 12 April, 2023

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

Patent Rules 1992 – Rule 77, – Office Closure

The Intellectual Property office of Ireland (IPOI) will be closed for the transaction of business on the following dates:

Monday 01st May 2023

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.

1.1:



2.1:



Application is for a Series of 2 Trade Marks.

268122 13 October 2022

Class 1. Chemical products for use in industry and science; chemical products for use in the manufacture of cleaning or polishing preparations; cleaning preparations, detergents and degreasing preparations; all for use in industrial and manufacturing processes; artificial and synthetic resins; solvents and chemical agents; all included in Class 1.

Class 3. Polishing preparations, common soap, detergents, starch, blue and other preparations for laundry purposes, polishing soap; soaps; cleaning, scouring and polishing powders, liquids and pastes; polishing substances; abrasives; washing substances, bleaching substances for laundry use; preparations for removing foreign matter from metal and other substances; waxes and preparations in the nature of waxes; polishes; solvents for cleaning or stripping purposes; degreasing preparations and substances,

polish, lacquer and varnish removing preparations; shampoos; non-medicated toilet preparations; preparations in the form of creams and of preservatives, all for furniture and or leather; shoe cleaning and shoe polishing preparations; abrasive cloths; preparations for window and glass cleaning; dentifrices; all included in Class 3; oven cleaning preparations; oven cleaners; barbecue cleaning preparations; cleaning preparations for ovens and barbecues; general purpose household cleaning preparations; hard surface cleaning preparations; preparations for cleaning household appliances; disposable cleaning cloths pre-moistened with cleaning solution for cleaning hard surfaces; dish washing detergents.

- Class 5. Chemical preparations included in Class 5 for use in hygiene; disinfectants (other than for laying and absorbing dust), chemical preparations for sanitary purposes.
- Class 7. Laundry press pads, being parts of laundry pressing machines.
- Class 11. Filtering pads of metal wool, being parts of air-conditioning filtering and ventilating installations.
- Class 21. Metal wool pads impregnated with a saponaceous preparation for scouring culinary utensils; polishing cloths impregnated with a polishing medium; pads and wads made of metal wool, tinsels and lahn; floor polishers; laundry press pads and metal wool filter pads; cleaning, scouring and polishing pads, wads, rolls and cloths; steel wool; grill scrapers for cleaning; grill scrapers [cleaning articles]; cleaning brushes for barbecue

grills.

Boyne Valley Unlimited Company, Platin Road, Drogheda, Co. Meath, 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 colour(s) Blue Pantone 072c; Red Pantone 032c; Cyan Pantone 321c; White; Silver.

Fenero

268123 20 December 2022

- Class 9. Tax preparation software; Accounting software.
- Class 35. Payroll preparation; Wage payroll preparation; Payroll assistance; Payroll advisory services; Payroll processing services [for others]; Preparation of payrolls [for others]; Computerised payroll preparation; Tax preparation; Tax assessment preparation; Tax return preparation; Tax advice [accountancy]; Tax consultancy [accountancy]; Tax consultations [accountancy]; Tax filing services; Tax planning [accountancy]; Accounting; Accounting consultation; Accounting services; Computerised accounting; Accounting advisory services; Computerized accounting services; Balance sheet accounting.
- Class 36. Payroll tax debiting services.

Fenero Taxation Services Limited, Block D, Tyrrelstown Plaza, Tyrrelstown, Dublin DD15K4PY, Ireland. Address for service is c/o Fenero Taxation Services Limited, Block D, Tyrrelstown Plaza, Tyrrelstown, Dublin DD15K4PY, Ireland.



268124 17 December 2022

Class 18. Leather and imitation leather bags; leather and imitation leather wallets; leather and imitation leather purses; leather and imitation leather cases; leather and imitation leather pouches; leather and imitation leather handbags; leather and imitation leather credit card wallets; leather and imitation leather credit card cases; leather and imitation leather luggage tags; leather and imitation leather card holders; leather and imitation leather belts; leather and imitation leather garment bags; leather and imitation leather make up bags; leather and imitation leather travelling sets; bags; handbags; cases and articles of luggage; trunks; suitcases; briefcases; holdalls; rucksacks; backpacks; barrel bags; shoulder bags; duffel bags; sports bags; beach bags; toiletry bags and vanity cases; make up bags; luggage tags; wallets; purses; key cases; parts and fittings for all the aforesaid goods.

Class 25. Clothing; footwear; headgear; outer clothing; leather clothing; sweaters; skirts; jackets; puffer jackets; bomber jackets; coats; windbreakers; vests; jeans; shirts; polo shirts; rugby shirts; tank tops; T-shirts; jerseys; fleeces; shorts; belts; halter tops; neckties; pants;

leggings; hooded coats; rain coats; waterproof clothing; sweatshirts; sweat pants; tracksuits; gloves; scarves; mittens; underwear; swimsuits; suits; caps; hats; headgear for wear; head bands; bandanas; shoes; trainers; boots.

Class 35. Retail services, on-line retailing services and on-line ordering services connected with the sale of sunglasses, optical apparatus and instruments, spectacles, bags, handbags, shoulder bags, rucksacks, sports bags, purses, wallets, leather and imitation leather bags, leather and imitation leather wallets, leather and imitation leather purses, leather and imitation leather cases, clothing, footwear, headgear; computer on-line ordering services; business management; business administration; office functions; operation of consumer loyalty programs; mail order catalogue services connected with the sale of sunglasses, optical apparatus and instruments, spectacles, bags, handbags, shoulder bags, rucksacks, sports bags, purses, wallets, leather and imitation leather bags, leather and imitation leather wallets, leather and imitation leather purses, leather and imitation leather cases, clothing, footwear, headgear; promotional services in a wide variety of general merchandise; rental of advertising space on the Internet.

Barry Byrne, Elderwood, Donore, Naas W91 W8FP, Ireland. Address for service is c/o Barry Byrne, Elderwood, Donore, Naas W91 W8FP, Ireland.

The mark in use is/will be in the colour(s) Black



268125 19 December 2022

Class 44. Psychological counselling.

Patrick O'Connor, 3 Kilcolman, Milltown, Ireland.
Address for service is c/o Patrick O'Connor, 3
Kilcolman, Milltown, Kerry, Ireland.

The mark in use is/will be in the colour(s) Black,
Gold and White.

soltns

268126 28 June 2022

Class 28. Cricket bats; Bats for games;
Bats [sporting articles];
Softball bats; Battledore bats;
Baseball bats; Bats for ball
games; Table tennis bats.

Class 42. Platform as a service [PaaS]
featuring software platforms
for transmission of images,
audio-visual content, video
content and messages; Cloud
computing; Software as a
service [SaaS] featuring
computer software platforms
for artificial intelligence;

Software as a service [SaaS]
featuring software platforms
for graphic design; Software
as a service [SaaS] featuring
software platforms for
electronic gaming; Platforms
for graphic design as software
as a service [SaaS]; Platforms
for artificial intelligence as
software as a service [SaaS];
Platforms for gaming as
software as a service [SaaS];
Platform as a service [PaaS];
Platform as a Service [PaaS].

ELITEVIPS LLC, 17224 S. FIGUEROA STREET,
#C7322, GARDENA 90248, United States of
AmericaMax Ayaz Stylz, 1603 SMGK Associate
Residency, near Scholar School, Jogeshwari West,
Mumbai 400102, India. Address for service is c/o
Elitevips LLC and Max Ayaz Stylz, C/o Max Ayaz
Stylz, Workhub Group Ltd, 77 Lower Camden Street,
Dublin D02 XE80, Ireland.

1.1:



2.1:



Application is for a Series of 2 Trade Marks.

268127 26 July 2022

Class 9. Logistics software; supply
chain management software;
downloadable computer
software for tracking goods,

- freights and vehicles; electronic tracking apparatus and instruments; electronic tags for goods; electronic security tags; GPS tracking and location devices; vehicle tracking systems; vehicle tracking apparatus; computer hardware for tracking driver behaviour; none of the aforesaid in relation to downloadable computer software, data communication equipment or point-to-point communications equipment.
- Class 39. Tracking of passenger or freight vehicles by computer or via GPS; cargo tracking services; tracking, locating and monitoring of vehicles; tracking of automobile fleets using electronic navigation and locating devices; tracking and monitoring of cargo and goods during storage, transportation and delivery; tracking and tracing of shipments; computerised tracking and tracing of goods in transit; advisory services relating the aforementioned services.
- Class 42. Providing temporary use of non-downloadable computer software for tracking freight over computer networks, intranets and the internet; providing temporary use of non-downloadable computer software for tracking goods, freights and vehicles; providing temporary use of non-downloadable computer software for monitoring goods during storage, transportation and delivery; providing online non-downloadable software for use in supply chain management; design and development of computer software for logistics and supply chain management; advisory services relating the aforementioned services; none of the aforesaid services being related to set-top boxes/decoders or any other

- kind of audiovisual apparatus or to the fields of entertainment, television, radio, cinema, press and show business.
- Class 45. Tracking of stolen property; tracking of stolen vehicles; tracking services for retrieval of encoded products; electronic monitoring services in the nature of security surveillance services relating to the physical safety of persons and security of tangible property; monitoring of computer systems in the nature of surveillance services relating to the physical safety of persons and security of tangible property; advisory services relating the aforementioned services.

Corcra Communications Ltd, Unit 5, Glasnevin Business Centre, Ballyboggan Road, Dublin, Ireland. Address for service is c/o MACLACHLAN & DONALDSON (IRELAND) LIMITED, trading as MACLACHLAN & DONALDSON, Unit 10, 4075 Kingswood Road, Citywest Business Campus, Dublin 24 D24 C56E, Ireland.



268128 13 December 2022

- Class 7. Electromechanical machines for food or beverage preparation; Electromechanical machines for beverage preparation; Beverage preparation machines, electromechanical; Electromechanical beverage preparation machines; Blenders, electric, for household purposes; Electric blenders for household purposes; Food processors,

- electric; Electric food processors; Mixing machines.
Class 21. Kitchen utensils; Utensils for household purposes.

Esomall Holdings Limited t/a BlendnGo, Bridge House, 4 Lower Mallow Street, Limerick V97X9KN, Ireland. Address for service is c/o Jeremy Erwin, Hayes solicitors LLP, Lavery House, Earlsfort Terrace, Dublin 2, Ireland.

PFH

268129 19 December 2022

- Class 42. Scientific and technological services and research and design relating thereto; industrial analysis and research services; design and development of computer hardware and software; managed services namely server management; PC management; syndicated response centre (helpdesk); anti-virus management; data protection services; e-mail anti-spam and content filtering services; on-site support services (break/fit).

PFH Technology Group UC, Eastgate Avenue, Eastgate Business Park, Little Island, Co. Cork T45 HK71, Ireland. Address for service is c/o CRUICKSHANK, 8 A Unit, Sandyford Business & Technology Centre, Sandyford D18 R2N8, Ireland.

GLENLO ABBEY

268130 21 December 2022

- Class 41. Entertainment services; organisation and arrangement of conferences, sporting events and activities, seminars, exhibitions, competitions, events and weddings; live performance services; provision of indoor and outdoor facilities for recreational activities; providing gaming, gambling and casino services; discotheque services; organising of education conventions; services of a horse riding school; provision of horse riding facilities; provision of cycling equipment; fishing instruction; provision of fishing facilities and equipment; falconry instruction; provision of falconry experiences; entertainment, namely, arranging and conducting live music concerts; entertainment in the nature of theatre productions; rental of sports equipment; sport club facilities; provision of golf facilities; golf tuition; health club services; provision of swimming bath or pool facilities; provision of gym facilities; gymnasium services; personal training services including circuit classes; provision of aerobics training and classes; provision of pilates instruction and classes; provision of yoga instruction and classes; services of a health club; provision of health club services; information, management and advisory services relating to the

- aforesaid.
- Class 43. Accommodation services; temporary accommodation; provision of food and drink; banqueting services; arranging of banquets; catering for banquets; providing banquet and social function facilities for special occasions; provision of event facilities and meeting facilities; arranging of wedding and event receptions [venues][food and drink]; event facilities; provision of temporary accommodation; hotel services; hotel catering services; holiday and tourist accommodation; arranging and reserving of hotel accommodation; provision of facilities for conventions; information, management and advisory services relating to the aforesaid.
- Class 44. Spa services; hairdressing services; provision of day spa facilities, treatments and services; provision of sauna facilities; beauty salon services; thalassotherapy, hydrotherapy and massage services; body and facial beauty treatment services; manicuring and nail care services; hygienic and beauty care for humans.

Baswal Ltd T/A Glenlo Abbey Hotel & Estate,
Bushypark, Galway H91 XD8K, Ireland. Address for
service is c/o TOMKINS & CO., 5 Dartmouth Road,
Dublin 6, Ireland.

SECRET ORCHARD

Secret Orchard

Application is for a Series of 2 Trade Marks.

268131 13 December 2022

- Class 14. Charity bracelets; charity wristbands; jewellery; necklaces; bracelets; rings; earrings; watches; clocks; ornaments made of, or coated with, precious or semi-precious metals or stones, or imitations thereof; parts and fittings for all the aforesaid goods.
- Class 16. Printed entry tickets; souvenir event programs; printed event programs; postcards; greeting cards; stickers; paper coasters; photographs; drawings; printed artwork; calendars; stationery; pens; gift bags; party invitations; printed matter; ornaments of paper; pencil top ornaments; ornamental sculptures of paper or cardboard.
- Class 18. Bags; tote bags; souvenir bags; luggage; umbrellas; purses; wallets.
- Class 21. Glasses; drinking vessels; barware; glassware; pint glasses; hip flasks; tankards; mugs; travel mugs; coasters; tableware; bottle openers; beverage stirrers; glass ornaments; ornaments made of glass, ceramics, earthenware or porcelain.
- Class 25. Clothing, footwear and headgear; T shirts; hoodies; jumpers; trousers; shorts; jackets; outerwear; caps; hats; gloves; scarves; socks; belts [clothing]; wristbands; slippers; underwear and nightwear; swimwear; fancy dress costumes; bibs for

| | | | |
|-----------|---|--|---|
| | babies. | | |
| Class 28. | Toys, games, and playthings; sporting articles; electronic games; balls for sports; raffle tickets; party novelties; Christmas tree decorations; parts and fittings for all the aforesaid goods. | | coasters, passport holders, maps, flags, paintings, sketches, drawings, removable tattoos, playing cards, book markers, recipe books, artwork, wallets, purses, bags, tote bags, handbags, luggage, rucksacks, umbrellas, baggage tags, clothing for animals, leads for animals, collars for animals, ornaments, cookware, kitchen utensils, glassware, mugs, tableware, barware, bottles, hip flasks, tankards, cocktail shakers, water bottles, bottle openers, insulating sleeve holders for beverage cans, coasters, decanters, stoppers for bottles, tea towels, bed linen, towels, cushion covers, soft furnishings, bath linen, napkins, bunting, canvas artworks, clothing, headgear, footwear, clothing for children, clothing for babies, bibs for babies, waterproof clothing, t shirts, socks, underwear, scarves, slippers, belts, gloves, caps, aprons, fancy dress costumes, dressing gowns, swimwear, ribbons, buttons, hair ornaments, charms, badges, brooches, toys, games, board games, playthings, Christmas decorations, toys for pets, sporting articles, balls for sport, electronic games, playthings for animals, card games, parlour games, novelties, video games apparatus, dried fruit, jams, fruit curds, snack foods, crisps, jellies, preserves, pickles, fruit spreads, condiments, sauces, flavourings, seasonings, spices, herbs, marinades, vinegars, relishes, chutneys, confectionery, sweets, desserts, coffee, tea, cocoa, coffee substitutes, ices, honey, chocolate, cooking kits, fresh fruit, beers, soft drinks, non-alcoholic beverages, waters, fruit juices, syrups, |
| Class 32. | Non-alcoholic beverages; beers; alcohol free cider; apple flavoured non-alcoholic beverages; fruit juices; waters; syrups and other non-alcoholic preparations for making beverages. | | |
| Class 33. | Alcoholic beverages (except beer); cider; perry; low alcoholic drinks; pre-mixed alcoholic beverages; cocktails; apple-flavoured alcoholic beverages; preparations for making alcoholic beverages. | | |
| Class 35. | Advertising, marketing and promotional services; rental of advertising space; promotion of special events; arranging and conducting of promotional events; wholesale services, retail services, electronic shopping retail services, retail services provided by mail order, all connected with sunglasses, cases for glasses, magnets, mobile phone covers, cases for electronic devices, mobile phone accessories, headphones, encoded gift cards, cards bearing machine readable information, CDs, DVDs, communication apparatus, media players, smartphones, tablets, handheld computers, e-readers, protection masks, medical masks, jewellery, clocks, watches, earrings, necklaces, rings, glassware, drinking glasses, figurines, ornaments, keyrings, books, calendars, diaries, photographs, stationery, pens, printed matter, greeting cards, Christmas cards, note books, note cards, postcards, posters, artwork prints, gift bags, gift vouchers, stickers, cardboard | | |

- preparations for beverages, alcoholic beverages, beers, ciders, perry, wines, cocktails, low alcoholic drinks; consultancy, information and advisory services relating to all of the aforesaid services.
- Class 36. Fundraising and financial sponsorship; charitable fundraising; charitable fundraising by means of entertainment events; consultancy, information and advisory services relating to all of the aforesaid services.
- Class 41. Entertainment services; live performance services; organising, arranging, conducting and providing live entertainment events or performances; provision of live music; concert services; music concerts; organising, arranging, conducting and providing musical events; production of music shows; production of shows; production of music; organising, arranging, conducting and providing live entertainment events; organising, arranging, conducting and providing entertainment events for charitable purposes; ticket agency services [entertainment]; ticket reservation and booking services for entertainment events; ticketing and event booking services; concert booking services; booking of seats for shows; amusement services; hospitality services (entertainment); club services [entertainment]; night-club services; karaoke services; providing karaoke facilities; organisation of entertainment for wedding celebrations; party planning services; disc jockeys for parties and special events; fan club services; electronic games services; organising, arranging, conducting and providing conferences, exhibitions and competitions; organising, arranging, conducting and providing cultural events and activities; cinema services; gambling services; casino services; recording studio services; rental of audio/visual and photographic equipment and facilities; preparation of entertainment programmes for broadcasting; information about entertainment and entertainment events provided via online networks and the Internet; consultancy, information and advisory services relating to all of the aforesaid services.
- Class 43. Services for providing food and drink; catering services; provision of temporary accommodation; hospitality services [food and drink]; hospitality services [accommodation]; bar services; restaurant services; cafe services; providing food and drink via a mobile truck; arranging of wedding receptions [venues]; arranging of wedding receptions [food and drink]; providing accommodation for functions; provision of event facilities and temporary office and meeting facilities; rental of meeting rooms; reservation and booking services for temporary accommodation; private members club services; rental of lighting apparatus; rental of chairs, tables, table linen, glassware; consultancy, information and advisory services relating to all of the aforesaid services.

Priority Date Claimed: 01 December 2022 United Kingdom

C&C IP UK Limited, c/o Matthew Clark, Whitchurch Lane, Whitchurch, Bristol BS14 0JZ, United Kingdom. Address for service is c/o HGF IP Limited, Suite 415, The Guinness Enterprise Centre (GEC), Taylor's Lane, Dublin 8, Ireland.

EdgeScribe

268132 09 December 2022

Class 9. Software to improve object recognition by removing visual clutter, including border enhancement to make objects in an image stand out against the background; Software to improve object recognition by removing visual clutter, including to remove colors and only showing the lines and borders of objects in view; software to improve object recognition by removing visual clutter, including border-smoothing to reduce visual noise in high-contrast modes.

Priority Date Claimed: 05 July 2022 United States of America

Freedom Scientific, Inc., 17757 US Highway 19 N., Suite 560, Clearwater, Florida 33764-6570, United States of America. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.

LLOYD & PRYCE

268133 20 December 2022

Class 25. Clothing; footwear; headgear.

Buddha Brand Industry Unlimited Company, City Business Park, Dundalk Road Castleblayney, County Monaghan A75 YR66, Ireland. Address for service is c/o Simon McArdle, One Roden Place, Dundalk, County Louth A91 H4CY, Ireland.



268134 20 December 2022

Class 25. Clothing; footwear; headgear.

Buddha Brand Industry Unlimited Company, City Business Park, Dundalk Road Castleblayney, County Monaghan A75 YR66, Ireland. Address for service is c/o Simon McArdle, One Roden Place, Dundalk, County Louth A91 H4CY, Ireland.

LLOYD & PRYCE SUPERSTAR SERIES

268135 20 December 2022

Class 25. Clothing; footwear; headgear.

Buddha Brand Industry Unlimited Company, City Business Park, Dundalk Road Castleblayney, County Monaghan A75 YR66, Ireland. Address for service is c/o Simon McArdle, One Roden Place, 24030, Dundalk A91 H4CY, Ireland.

ZANNI & CO.

268136 20 December 2022

Class 25. Clothing; footwear; headgear.

Shoe City Limited, City Business Park, Dundalk Road Castleblayney, County Monaghan A75 YR66, Ireland. Address for service is c/o Simon McArdle, One Roden Place, 24030, Dundalk A91 H4CY, Ireland.

DEAR YOU

268137 21 December 2022

Class 35. Import-export agency services; sales promotion for others; procurement services for others [purchasing goods and services for other businesses]; marketing; provision of an online marketplace for buyers and sellers of goods and services; auctioneering; advertising agency services; advertising; rental of advertising space; demonstration of goods; shop window dressing; presentation of goods on communication media, for retail purposes; organization of exhibitions for commercial or advertising purposes; commercial administration of the licensing of the goods and services of others; business management of hotels; commercial intermediation services; personnel management consultancy; secretarial services; retail services for

pharmaceutical, veterinary and sanitary preparations and medical supplies.

Class 43. Café services; canteen services; hotel accommodation services; restaurant services; bar services; accommodation bureau services [hotels, boarding houses]; boarding house services; motel services; washoku restaurant services; holiday camp services [lodging]; cafeteria services; food sculpting; rental of transportable buildings; boarding for animals; reception services for temporary accommodation [management of arrivals and departures].

Shanghai DIY Home Co., Ltd., Room216, Area S, 2F, Building 4, 1-14 Lane 388, Kangye Road, Qingpu, Shanghai, China. Address for service is c/o NIALL TIERNEY, Tierney IP, Galway Technology Centre, Mervue Business Park, Galway H91 D932, Ireland.

NUTRIPOWER

268138 20 December 2022

Class 29. Meat, fish, poultry and game; Preserved, frozen, dried and cooked fruits and vegetables; Salads namely, prepared salads, vegetable salads, fruit salads; Prepared vegetable based dishes; Meat extracts; Prepared meat dishes; Prepared meat products, namely meat-based snack foods, cooked meats and poultry; Scotch eggs; Pork pies; Breaded, battered and crumbed meat, fish, poultry, game, crustaceans and vegetables; Prepared meals

consisting principally of meat, fish, poultry, game, crustaceans, tofu, fruit and/or vegetables; Prepared food platters consisting principally of meat, fish, poultry, game, crustaceans, tofu, fruit and/or vegetables; Ready cooked meals consisting principally of meat; Ready cooked meals consisting principally of poultry; Ready cooked meals consisting principally of vegetables; Soups.

Class 30. Ready cooked meals consisting principally of rice, spaghetti, pasta or noodles; Dry and liquid ready-to-service meals consisting principally of pasta or rice or noodles; Ready-made sandwiches; Ready-made wraps [sandwiches]; Sushi; Dressings for Salads; Pizza; Pies; Pasties; Sausage rolls; Samosas; Pastries; Ready-made pasta dishes; Filled pasta; Pasta sauce; Porridge; Flavoured Porridge; Instant Porridge; Cereal based snacks, oat based snacks; Cereal based snacks in pots, oat based snacks in pots; Protein based snacks.

Aldi Stores (Ireland) Limited, 67-68 Fitzwilliam Square, Dublin 2, Ireland. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.

SITEPRO

268139 19 September 2022

Class 37. Rental of construction equipment; rental of construction equipment, namely, aerial lifts, air

compressors; rentals of small tools; rental of telehandlers; rental of earthmoving equipment and excavators.

Class 42. Providing temporary use of web-based applications; providing temporary use of non-downloadable web application for equipment rental; providing temporary use of non-downloadable software applications accessible via a web site.

Priority Date Claimed: 31 March 2022 United States of America

SitePro Rentals, Inc., 5949 Sherry Lane, Suite 1900, Dallas, Texas 75225, United States of America. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

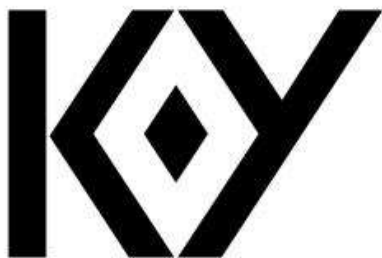
ColorSight+

268140 21 December 2022

Class 9. Colorblindness enhancement filters which shift specific colors to assist color differentiation in real time intended to improve contrast for protanopia (color blindness to red), deuteranopia (color blindness to green), and tritanopia (color blindness to blue.).

Priority Date Claimed: 30 June 2022 United States of America

Freedom Scientific, Inc., 17757 US Highway 19 N., Suite 560, Clearwater, Florida 33764-6570, United States of America. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.



268141 02 November 2022

Class 3. Massage oils and lotions; massage creams, not medicated; massage gels other than for medical purposes; body wash; non-medicated skincare preparations for personal use; moisturising preparations.

Class 5. Contraceptive preparations; spermicidal gels, liquids and creams; hygienic lubricants and disinfectants for use in the area of the vagina, penis and anus; personal lubricants; vaginal moisturizers; topical preparations, namely, sprays, gels, liquids and creams for sexual health and / or enhancing sexual arousal; pharmaceutical preparations and substances, namely supplements for sexual health and / or enhancing sexual arousal; diagnostic preparations and substances all for gynaecological testing purposes or for the diagnosis of sexually transmitted diseases.

RECKITT BENCKISER HEALTH LIMITED, 103-105 Bath Road, Slough, Berkshire SL1 3UH, United Kingdom. Address for service is c/o MACLACHLAN & DONALDSON (IRELAND) LIMITED, trading as MACLACHLAN & DONALDSON, Unit 10, 4075 Kingswood Road, Citywest Business Campus, Dublin 24 D24 C56E, Ireland.

**handi
caddie**

268142 09 July 2021

Class 9. Apparatus and instruments for recording, transmitting, reproducing or processing sound, images or data; computer software, blank digital or analogue; computer application software; computer software platforms; online software applications; online software platforms; DVDs, CDs, none of the aforesaid relating to optical, laboratory or medical software or apparatus.

Handicaddie Limited, 33 Dunboyne Park, Eglinton, Co. Londonderry BT47 3YJ, United Kingdom. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.

Hydrate - Lubricate - Mitigate

268143 17 October 2022

Class 5. Mineral supplements.

Cellnutrition Ltd, Gray Office Park, Galway Retail Park, Headford road, Galway H91CP4A, Ireland. Address for service is c/o Cellnutrition Ltd, C/o John Kelleher, Gray Office Park, Galway Retail Park, Headford Road, Galway H91 CP4A, Ireland.



268144 08 November 2021

Class 4. Candles.

Des McCullough Wild Atlantic Candles & Soaps Ltd, Unit 44 Tait Business Centre, Dominick St, Limerick V94 X8K6, Ireland. Address for service is c/o Des McCullough Wild Atlantic Candles & Soaps Ltd, Unit 44 Tait Business Centre, Dominick St, Limerick V94 X8K6, Ireland.

The mark in use is/will be in the colour(s) Black and White

JUST WALK OUT

268145 22 December 2022

Class 9. Computer hardware for telecommunications; flash memory cards; memory cards; SIM cards; Random Access Memory [RAM] cards; Read only [ROM] cards; electrical and electronic telecommunications, radio telephones, mobile and fixed telephones; telephonic and communications apparatus

and instruments; data communication apparatus and instruments; apparatus and instruments for the processing, transmission, storage, logging, reception and retrieval of data being in the form of encoded data, text, audio, graphic images or video or a combination of these formats; computer software, including computer software supplied from a computer database, the internet or other electronic network; digital audio, video, and data (downloadable) provided from a computer database or the internet; personal digital assistants; apparatus for downloading audio, video and data from the internet; electrical and electronic accessories and peripheral equipment designed and adapted for use with telecommunications and communications apparatus and instruments, computers and audio-visual apparatus; terminals for electronically processing credit card payments; apparatus for electronic payment processing; electronic payment terminal; electronic publications; barcode scanners.

Class 42. Software design; software installation; maintenance of software; retail design services; design and development of computer hardware; electronic data storage; computerised data storage; maintenance of data bases; data conversion of electronic information; development of computer systems.

Hallie LLC, 103 Foulk Road, Suite 202, Wilmington, Delaware 19803, United States of America, United States of America. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02 NX53, Ireland.



268146 29 September 2022

Class 29. Meat stocks; Stock [prepared]; Fish stock; Chicken stock; Vegetable stock; Concentrates (Broth -); Soup concentrates; Preparations for making broths; Broth; Broth [soup]; Broth concentrates; Processed edible seaweed; Mixes for making broths.

SIMON MADDRELL, FLAT B, 14 GRANVILLE SQUARE, LONDON WC1X 9PF, United Kingdom. Address for service is c/o Simon Maddrell, No. 28 Nutgrove Enterprise Park, Nutgrove Way, Rathfarnham, Dublin 14, Ireland.

Registration of this Trade Mark does not give right to the exclusive use of the word 'Nutristock'.

The mark in use is/will be in the colours Deep Green, Light Blue, White, Burnt Orange and Light Green.

TherOpia

268147 06 August 2022

Class 9. Software.
 Class 41. Teaching services relating to the optical field.
 Class 42. Optical research laboratory services; Software design.
 Class 44. Optical services.

Optolab 3D Technologies Limited, Kilmurray, Johnstownbridge, Enfield, Meath A83P642, Ireland. Address for service is c/o Optolab 3D Technologies Limited, c/o Valerie Kennelly, Kilmurray, Johnstownbridge, Enfield, Kildare, Ireland.



268148 21 August 2022

Class 25. Clothes; Baby clothes; Clothes for sports.

Anna Matilainen, 24 Vicar Street, Cork T12 VEF1, Ireland. Address for service is c/o Anna Matilainen, 24 Vicar Street, Cork T12 VEF1, Ireland.



268149 26 October 2022

Class 41. Entertainment namely production of musical recordings, musical performances, video production and audio production.

Rebecca Guildea, 28 Cardy Rock Court, Balbriggan, Dublin K32TX39, Ireland. Address for service is c/o Rebecca Guildea, 28 Cardy Rock Court, Balbriggan K32 TX39, Ireland.

The mark in use is/will be in the colours black, baby blue, dark blue and pink.

LadieeB

268150 26 October 2022

Class 41. Entertainment namely production of musical recordings, musical performances, video production and audio production.

Rebecca Guildea, 28 Cardy Rock Court, Balbriggan, Dublin K32TX39, Ireland. Address for service is c/o Rebecca Guildea, 28 Cardy Rock Court, Balbriggan, Dublin K32TX39, Ireland.

The mark in use is/will be in the colour(s) Black

Passion for Pizza

268151 22 December 2022

Class 29. Prepared meals consisting primarily of kebab; Burgers; Chicken burgers; Meat burgers.

Class 30. Pizzas; Fresh pizzas; Pizzas [prepared]; Uncooked pizzas.

Omid Ahmadi, 377 Clogher Road, Crumlin, Dublin D12 F982, Ireland. Address for service is c/o Omid Ahmadi, 377 Clogher Road, Crumlin, Dublin D12 F982, Ireland.

Cellular Fitness

268152 13 July 2022

Class 5. Food supplements consisting of trace elements; Food supplements in liquid form; Food supplements for sportsmen; Food supplements for non-medical purposes none relating to skin care preparations, care or products.

Cellnutrition Ltd., C/O Kieran Joyce, Gray Office Park, Headford Road, Galway, Ireland. Address for service is c/o Cellnutrition Ltd., C/O Kieran Joyce, Gray Office Park, Headford Road, Galway, Ireland.



268153 22 December 2022

Class 35. Business consulting; Marketing consulting; Management consulting; Business research consulting; Professional business consulting; Business consulting services; Business management consulting; Business marketing consulting services; Business consulting for enterprises; Business management and consulting; Business management consulting services; Business management and consulting services; Business process management and consulting; Business organisation and management consulting services; Business consulting services for digital transformation; Consulting in sales techniques and sales programmes; Consulting services in business organization and management; Advertising and promotion services and related consulting; Consulting services in the field of Internet marketing; Providing marketing consulting in the field of social media; Business management consulting services in the field of information technology; Acquisitions (Business -) consulting services; Business organisation and management

consulting; Business organization and management consulting; Business organisation consulting; Business organization consulting; Consulting services relating to marketing; Business planning and business continuity consulting.

Eduardo Cervantes, 16 Ailesbury Lawn, Dundrum, Dublin D16 P2X5, Ireland. Address for service is c/o Eduardo Cervantes, 16 Ailesbury Lawn, Dundrum, Dublin D16 P2X5, Ireland.

The Brand Edit

268154 11 May 2022

Class 41. Educational courses relating to design; Providing online courses of instruction; Education services relating to design.

Pamela Farrell, Carraig, Clogher, Rathkenny, Navan C15P9W9, Ireland. Address for service is c/o Pamela Farrell, Carraig, Clogher, Rathkenny, Navan C15P9W9, Ireland.

AMAZON FREEVEE

268155 05 August 2022

Class 9. Apparatus for recording, transmission or reproduction of sound or images; magnetic data carriers, recording discs; compact discs, DVDs and

other digital recording media; data processing equipment, computer software; computer software for accessing, bookmarking, browsing, collecting, finding, manipulating, organizing, renting, and storing audio, data, video, game, and multimedia files; computer software for accessing subscription-based digital media content; computer software for use in editing, extracting, encoding, decoding, storing and organizing data, images, audio, video, and multimedia files; computer software for creating and providing user access to searchable databases of information and data files; search engine software; computer software for accessing online information; computer software for use in disseminating advertising for others; computer software for renting and purchasing movies, TV shows, videos, music, and multimedia files; computer software for use in sharing information about products, services, and deals; computer software for electronic storage of data; computer software for image and speech recognition; computer software for home automation; internet browser software; downloadable mobile applications to enable users to access, bookmark, browse, collect, find, manipulate, organize, rent, and store music, audio, video, games, audiovisual, multimedia files; computer software for the collection, organizing, modifying, book marking, and storage of data and information; computer software for online shopping; computer software for information management; computer programs for accessing, browsing, and

searching online databases; computer operating system software; computer software for configuring, operating and controlling devices, computers, computer peripherals, and audio and video players; computer software for creating searchable databases of information; computer game software; computer software that generates customized recommendations based on user preferences; computer software for providing user information with reviews, and recommendations regarding entertainment content; downloadable and recorded software for allowing communication and interaction between phones, mobile devices, televisions, video game consoles, media players, computers, digital media hubs, internet of things (iot) devices, and audiovisual devices; downloadable and recorded software for streaming audio, video, image, multimedia and data information to a variety of network devices, namely, personal computers, laptops, tablet pcs, mobile phones, personal digital assistants (pdas), internet of things (iot) devices, video game consoles, media players, and audiovisual devices; downloadable and recorded software for image, and sound transmission and display; downloadable and recorded software to enable the viewer of audiovisual and multimedia entertainment programs to access interactive entertainment; downloadable and recorded wireless communication software; downloadable or recorded wireless communication software for voice, audio, video, and data transmission; downloadable podcasts and

webcasts featuring news and commentary in the field of movies, television programs, music, audio works, books, theatre, literary works, sporting events, recreational activities, leisure activities, tournaments, art, dance, musicals, exhibitions, sports instruction, clubs, radio, comedy, drama, contests, games, gaming, festivals, museums, parks, cultural events, concerts, publishing, animation, current events, and fashion; audiovisual recordings featuring entertainment programs; downloadable music files; downloadable audiovisual and multimedia content featuring fiction and non-fiction stories on a variety of topics; downloadable motion pictures and television shows featuring fiction and non-fiction stories on a variety of topics, and audio and video recordings featuring fiction and non-fiction stories on a variety of topics; digital media, namely, pre-recorded digital video discs, digital versatile discs, and digital video players; downloadable audio and video recordings, DVDs, and high definition digital discs featuring fiction and non-fiction stories on a variety of topics; downloadable audio files, multimedia files, data files, written documents, audio material, video material featuring fiction and non-fiction content on a variety of topics; downloadable electronic books, magazines, periodicals, newsletters, newspapers, journals and other publications; animated cartoons; phonograph records, sound recording discs; sound recording strips; sound recording carriers; video cassettes; video game cartridges; videotapes; digital media devices; set-top boxes;

portable and handheld electronic devices for storing, manipulating, recording, and reviewing images, audio, video and data, and electronic and mechanical parts and fittings thereof; computers, tablet computers, audio and video players, electronic personal organizers, personal digital assistants, and global positioning system devices and electronic and mechanical parts and fittings thereof; computer peripheral devices; computer components; monitors, displays, wires, cables, printers, disk drives, adapters, adapter cards, cable connectors, plug-in connectors, electrical power connectors, docking stations, and drivers; battery chargers; battery packs; memory cards and memory card readers; headphones and earphones; speakers, microphones, and headsets; cases, covers, and stands for portable and handheld electronic devices and computers; remote controls for portable and handheld electronic devices and computers; remote controls for televisions and digital media streaming devices; computer hardware; computer chips; batteries; handheld devices for controlling digital media devices, speakers, amplifiers, stereo systems, and entertainment systems; magnetically encoded gift cards; audio speakers; audio components and accessories; telephones; mobile phones; audio amplifiers and receivers; sound effect apparatus and instruments for use with musical instruments; electronic tone generators for use with musical instruments; electronic components for use with musical instruments; electronic health and fitness trackers; audio electronics;

audio speakers, telephone apparatus, and computers for use in motor vehicles; voice recording and voice recognition apparatus; network communication apparatus; electronic communication equipment and instruments; cameras; camcorders; cinematographic cameras; cases especially made for photographic apparatus and instruments; centering apparatus for photographic transparencies; close-up lenses; projection screens; projection apparatus; stereo systems, home theater systems, and home entertainment systems; information technology and audiovisual equipment; intercommunication apparatus; smartphones; portable telephones; telephone apparatus; video telephones; computer memory devices; microprocessors; modems; 3D spectacles; straps, armbands, lanyards and clips for portable and handheld digital electronic devices for recording organizing, manipulating, and reviewing data, audio, image and video files; bags and cases adapted or shaped to contain digital music and/or video players, hand held computers, personal digital assistants, electronic organizers and electronic notepads; user manuals in electronically readable, machine readable or computer readable form for use with, and sold as a unit with, the aforesaid goods.

Class 25. Clothing, footwear, headwear.

Class 38. Telecommunications; Electronic communication services, namely, transmission of information by electronic communications networks; electronic transmission of data, audio, video, and audio/video files; wireless broadband communications

services; broadcasting services; video communication services, namely broadcasting, streaming, and transmitting videos, images, music audio, multimedia over the Internet or other communications network; data streaming; consultancy and advisory services relating to telecommunications services; computer services, namely, providing multiple-user access to computer networks for the electronic transmission of various data, communications, documents and personal and professional information; providing access to an interactive computer database featuring automatically updating address book, personal planner, date reminder, travel planner, and alumni and professional group links, via a global computer network; providing a web site that gives computer users the ability to transmit, cache, receive, download, stream, broadcast, display, format, transfer and share content, visual works, audio works, audiovisual works, literary works, photos, videos, data, files, documents, images and other electronic works; providing an on-line link to current events and reference material relating to movies, motion pictures, documentaries, films, television programs, graphics, animation and multimedia presentations, videos and DVDs and other audiovisual works; transmission of podcasts; Video-on-demand transmission; Internet protocol television (IPTV) transmission services; electronic transmission of streamed and downloadable audio and video files via computer and other communications networks;

electronic transmission and streaming of digital media content for others via global and local computer networks; telecommunication services, namely, transmission and streaming of voice, data, images, films, television programs, audio and audiovisual programs and other digital media content and information by means of telecommunications networks, wireless communication networks, and the internet; streaming of audio, video and audiovisual material on the Internet, communications networks and wireless telecommunications networks; streaming of data; streaming of music, films, movies, TV shows and games on the Internet; audio and video broadcasting services; broadcasting of cinematographic films and audiovisual programs; subscription-based audio and video broadcasting services over the Internet; broadcasting services and provision of telecommunication access to films, television programs, audio and audiovisual programs and other digital media content and information, provided via a video-on-demand service; Internet broadcasting services; Internet radio broadcasting services; telecommunication services, namely, transmission of webcasts; transmission of digital files; transmission of digital content by computer networks, the Internet, DSL, cable networks, digital download, digital streaming, video-on-demand, near-video-on-demand, TV, free-to-air TV, pay-per-view TV, satellite, cable, telephone or mobile telephone; electronic transmission of digital photo files among Internet users; providing access to online

directories, databases, websites, blogs, music, video programs, and reference materials; transmission of news; delivery of messages by electronic transmission; electronic transmission of mail and messages; podcasting services; providing on-line chat rooms for social networking; providing an on-line forum for transmission of messages among computer users and the transmission of photos, videos, data, images and sound; telecommunications services, namely, providing online electronic bulletin boards for the transmission of messages among computer users concerning entertainment; providing telecommunication connectivity services for the transfer of images, audio, visual, audiovisual and multimedia works among mobile phones, smartphones, portable electronic devices, portable digital devices, tablets, or computers; transmission of television and movie guides; communication between computers; provision of access time to multimedia materials on the Internet; provision of telecommunications connections to computer databases; transmission of data by audio-visual apparatus controlled by data processing apparatus or computers; telecommunications routing and junction services; rental of access time to global computer networks; transmission of greeting cards online; rental of message sending apparatus; rental of modems; rental of telecommunication equipment.

Class 41. Education; providing of training; entertainment; sporting and cultural activities; entertainment

services, namely, providing online non-downloadable audio, video, and multimedia files; entertainment services, namely, providing online non-downloadable audio, video and audiovisual content in the nature of audio, video, and multimedia recordings; entertainment services, namely, providing temporary use of online non-downloadable audio, video, and multimedia files; computerized on-line searching and ordering service featuring audio, video, and multimedia files, and other audiovisual works in the form of digital non-downloadable entertainment content; creating and developing concepts for entertainment and educational programs; entertainment and educational services, namely, uploading, downloading, capturing, posting, showing, editing, playing, streaming, viewing, previewing, displaying, tagging, blogging, sharing, manipulating, distributing, publishing, reproducing, or otherwise providing electronic media, multimedia content, videos, movies, pictures, images, text, photos, games, user generated content, audio content, and information via the internet or other computer and communications networks; providing a searchable on-line entertainment database featuring on-line non-downloadable music, movies, television shows, multimedia presentations in the field of entertainment, audio files featuring music, comic books, and publications in the nature of entertainment; providing a video sharing portal for entertainment and education purposes, entertainment services, featuring electronic media, multimedia content,

videos, movies, pictures, images, text, photos, user-generated content, audio content, and related information via computer and communications networks; providing a video-on-demand website featuring non-downloadable movies and films; providing a website featuring non-downloadable videos in the field of movies, television shows, and film trailers on a variety of topics; providing current event news and information in the field of entertainment relating to contests, video, audio and prose presentations and publications all in the field of entertainment; providing on-line reviews of television shows and movies; providing online videos, not downloadable; providing information on entertainment, movies and television shows via social networks; provision of non-downloadable television shows and other audiovisual works via a video-on-demand service; television entertainment; television entertainment, namely, ongoing television programs featuring pop culture, television shows, films, and celebrity stories on a variety of topics; audio and video recording services; digital audio, video and multimedia publishing services; online non-downloadable prerecorded music and audio programs featuring fiction and non-fiction stories on a variety of topics; entertainment services, namely, live visual and audio performances, musical, variety, news, dramatic and comedy shows; ratings and reviews of entertainment program content; entertainment information; providing online news, information and commentary in the field of

entertainment; online journals, namely, blogs featuring information about entertainment; arranging of contests; sweepstake services; hosting online sweepstakes and contests for others; publishing of books, magazines, periodicals, literary works, visual works, audio works, and audiovisual works; music production services; music publishing services; entertainment services, namely, profiling of musicians, artists and bands via non-downloadable video clips; providing non-downloadable interactive resource for searching, selecting, managing, and viewing audiovisual content in the nature of audio, video, and multimedia recordings; providing online newsletters in the field of television, movies, and videos via e-mail; translation and interpretation services; providing online electronic publications, not downloadable; publication of texts, other than publicity texts; writing of texts, other than publicity texts; rental of audio equipment; movie theatre presentations; arranging and conducting of concerts; entertainment, amusements; games equipment rental; arranging and conducting of games; providing karaoke services; rental of movie projectors and accessories; movie studios; music composition services; organization of shows; production of radio programs; production of podcasts; production of video podcasts; providing entertainment via podcasts and radio programs; providing entertainment via a website; providing entertainment via a downloadable app; rental of audio, video, and multimedia recordings; subtitling; theatre

productions; organization of competitions; organization of exhibitions for cultural or educational purposes; recording studio services; videotape editing; videotaping; education information; teaching, educational services, instruction services; entertainment services, namely, production and distribution of television programs and other audiovisual works featuring commentary, stories, news, interviews, television shows, films, music and pop culture; entertainment services, namely, visual and audio performances, musical, variety, news, dramatic and comedy shows rendered live; film production, other than advertising films; production of radio and television programmes; production and rental of audio-visual recordings, specifically, motion pictures, television programming, videos, music videos, and music in the fields of news, entertainment, sports, comedy, drama, music, and music videos; provision of on-line, non-downloadable electronic publications, namely, books, magazines, newspapers, periodicals, newsletters, journals, manuals, and video recordings on a variety of topics, namely, theatre, movies, television shows, sports, sports instruction, recreational activities, leisure activities, tournaments, art, dance, musicals, art exhibitions, science exhibitions, entertainment exhibitions, sport clubs, hobby clubs, social clubs, radio, comedy, contests, games, gaming, festivals, museums, parks, cultural events, concerts, publishing, animation, current events, fashion shows, history,

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| <p>language, liberal arts, math, business, science, technology, hobbies, culture, sports, arts, psychology, and philosophy; production of shows.</p> <p>Class 42. Design and development of computer hardware and software; application service provider (asp) services featuring software for controlling, integrating, operating, connecting, and managing voice controlled information devices, namely, cloud-connected and voice-controlled smart consumer electronic devices and electronic personal assistant devices; application service provider (asp) services; computer services, namely, creating an on-line community for registered users to participate in discussions, get feedback from their peers, form virtual communities, and engage in social networking services in the fields of books, music, entertainment, video games, fiction, and non-fiction; computer services, namely, uploading music and photos to the Internet for others; file sharing services, namely, providing a website featuring technology enabling users to upload and download electronic files; hosting of digital content on global computer networks, wireless networks, and electronic communications networks; hosting of digital content on the Internet; computer services, namely, cloud hosting provider services; platform as a service (paas) featuring computer software platforms for digital audio, video and audiovisual broadcasting services provided via telecommunications networks, smart televisions, mobile phones, and the internet; platform as a service (paas)</p> | <p>featuring computer software platforms to allow users to search, request and receive content, visual works, audio works, audiovisual works, literary works, data, files, documents, and electronic works; providing a subscription based website featuring non-downloadable multimedia files and information about artists and the entertainment industry; providing search engines for the Internet; providing computer services, namely, creating computer network-based indexes of information, websites and resources; providing temporary use of non-downloadable computer operating system software; providing temporary use of non-downloadable computer programs for accessing, browsing, and searching online databases; providing technology that creates personalized movie, TV show, video and music channels for listening, viewing, and sharing via a website; providing temporary use of on-line, non-downloadable computer software for transmitting, sharing, receiving, downloading, streaming, displaying, and transferring content, visual works, audio works, audiovisual works, literary works, data, files, documents, and electronic works via portable electronic devices and computers and global computer and communications networks; providing temporary use of non-downloadable computer software for accessing online information; providing temporary use of non-downloadable computer software for accessing subscription-based digital media content; providing temporary use of non-</p> |
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downloadable computer software for accessing, bookmarking, browsing, collecting, finding, manipulating, organizing, renting, and storing audio, data, video, game, and multimedia files; providing temporary use of non-downloadable computer software for configuring, operating and controlling devices, computers, computer peripherals, and audio and video players; providing temporary use of non-downloadable computer software for creating and providing user access to searchable databases of information and data files; providing temporary use of non-downloadable computer software for creating searchable databases of information; providing temporary use of non-downloadable computer software for electronic storage of data; providing temporary use of non-downloadable computer software for image and speech recognition; providing temporary use of non-downloadable computer software for home automation; providing temporary use of non-downloadable computer software for information management; providing temporary use of non-downloadable computer software for online shopping; providing temporary use of non-downloadable computer software for providing user information with reviews, and recommendations regarding entertainment content; providing temporary use of non-downloadable computer software for renting and purchasing audio, video, and multimedia files; providing temporary use of non-downloadable internet

browser software; providing temporary use of non-downloadable computer software for the collection, organizing, modifying, book marking, and storage of data and information; providing temporary use of non-downloadable computer software for use in disseminating advertising for others; providing temporary use of non-downloadable computer software for use in editing, extracting, encoding, decoding, storing and organizing data, images, audio, video, and multimedia files; providing temporary use of non-downloadable computer software for use in sharing information about products, services, and deals; providing temporary use of non-downloadable computer software that generates customized recommendations based on user preferences; providing temporary use of non-downloadable mobile applications to enable users to access, bookmark, browse, collect, find, manipulate, organize, rent, and store music, audio, video, games, audiovisual, multimedia files; search engine software; software as a service.

Priority Date Claimed: 12 April 2022 United States of America

Amazon Technologies, Inc., 410 Terry Avenue North, Seattle, Washington 98109, United States of America. Address for service is c/o Patricia McGovern, C/O DFMG Solicitors, 38/39 Fitzwilliam Square, Dublin 2, Ireland.

The application for registration is proceeding with the consent of the proprietors of TM No. 226597

PRO PLUS

268156 21 September 2022

- Class 5. Pharmaceutical and sanitary preparations; pharmaceutical products being medicated confectionery; caffeine preparations being stimulative supplements; pharmaceutical preparations containing caffeine; dietary supplements and dietetic preparations; pharmaceuticals and natural remedies; pharmaceutical products for the treatment of temporary fatigue; vitamin supplements; pharmaceutical preparations containing ginseng; pharmaceutical preparations containing guarana; pharmaceutical preparations containing ashwagandha; vitamin B preparations.
- Class 30. Confectionery; lozenges [confectionery]; pastilles [confectionery]; throat pastilles; hard candies; candy coated confections; candy (non-medicated -); non-medicated sweets; sugar-free sweets.

G.R. Lane Health Products Limited, Sisson Road, Gloucester GL2 0GR, United Kingdom. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



268157 24 December 2022

Class 25. Clothing.

Marcus McGrath, 24 O'Neil Street, Clonmel, Tipperary E91TY32, Ireland. Address for service is c/o Marcus McGrath, 4 Wood Crescent, Clonmel, Tipperary, Ireland.

The mark in use is/will be in the colour(s) Red and White.

Ádh Brewery

268158 29 December 2022

Class 32. Beer; Saison beer; Low alcohol beer; Craft beers; Flavoured beers; Flavored beers; Beer wort; Malt beer; Craft beer; Beers; Wheat beer; Bock beer; De-alcoholised beer; De-alcoholized beer; Low-alcohol beer; Coffee-flavored beer; Gluten free beer; Non-alcoholic beer; Non-alcoholic beers; Alcohol-free beers; Beers enriched

with minerals.

Niall Curran, 21 Cathedral Place, Limerick V94 KX29, Ireland. Address for service is c/o Niall Curran, 21 Cathedral Place, Limerick V94 KX29, Ireland.

Purple Chalice

268159 09 September 2022

Class 9. Digital music [downloadable] provided from mp3 web sites on the internet; Downloadable digital music; Downloadable music files; Downloadable music sound recordings; Downloadable musical sound recordings; Downloadable digital music provided from MP3 Internet web sites; Digital music downloadable provided from the internet; Digital music downloadable from the Internet; Digital music downloadable provided from a computer database or the internet; Digital music downloadable provided from MP3 internet websites; Digital music downloadable provided from MP3 internet web sites; Downloadable video recordings featuring music; Music recordings; Musical recordings; Musical recordings in the form of discs; Musical sound recordings; Musical video recordings; Optical discs featuring music; Pre-recorded audio cassettes featuring music; Pre-recorded CDs featuring music; Pre-recorded DVDs featuring music; Pre-recorded laser discs featuring music; Pre-recorded video tapes featuring music;

Prerecorded audio tapes featuring music; Prerecorded compact discs featuring music; Prerecorded music audio tapes; Prerecorded music compact discs; Prerecorded music videos; Prerecorded non-musical audio tapes; Prerecorded non-musical videotapes; Prerecorded video cassettes featuring music; Prerecorded video tapes featuring music; Series of musical sound recordings; Tape recordings of music.

Ross Kelly, 10 Greenpark Meadows, Mullingar N91V3A3, Ireland. Address for service is c/o Ross Kelly, 10 Greenpark Meadows, Mullingar N91V3A3, Ireland.

1.1:



2.1:



Application is for a Series of 2 Trade Marks.

268160 18 October 2021

Class 19. Non-metallic building materials, namely, glass panels with fine embedded electrical conductors, liquid crystals and pigments; stained glass windows with fine embedded electrical conductors; stained glass windows with fine embedded liquid crystals; stained glass windows with fine embedded

- pigments.
- Class 35. Management, administration and update of databases, including online databases; systemization and compilation of information into computer databases; electronic commerce services, namely, providing information, interactive calculators, search explorers and resources about products via telecommunication networks for advertising and sales purposes in the academic, medical and pharmaceutical research field; electronic commerce services, namely, providing information, interactive calculators, search explorers and resources about products via telecommunication networks for advertising and sales purposes in the field of assay development and screening, biotechnology, chemical research and development, clinical testing, cosmetics and personal care, diagnostic manufacturing, environmental and industrial hygiene, flavors and fragrances, food and beverage, forensic testing, medical materials, pharmaceuticals; provision of an on-line marketplace for buyers and sellers of scientific data and software applications for use in the field of science.

Priority Date Claimed: 18 August 2021 Germany

Merck KGaA, Frankfurter Straße 250, D-64293 Darmstadt, Germany. Address for service is c/o FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland.

The application for registration is proceeding with the consent of the proprietors of registered European Union Trade Mark Numbers 003355963 and 011958543.



268161 02 January 2023

- Class 7. Ball-bearings; bearings for transmission shafts; anti-friction bearings for machines; bearings [parts of machines].

CCTY BEARING COMPANY, 458 Jinrun Boulevard, Zhenjiang, China. Address for service is c/o CCTY BEARING COMPANY, c/o INLEX IP EXPERTISE, 60 rue Pierre Charron, Paris, France.

Opposition(s) under Section 43 of the 1996 Act

- 267694** Petmatch Limited. Opposition filed 20 March 2023
- 267740** Nenad Poznic. Opposition filed 20 March 2023
- 267754** Hall Power Ltd. Opposition filed 13 March 2023

Application(s) Amended after Advertisement under the 1996 Act

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, Patents Office, Government Buildings, Hebron Road, Kilkenny, in accordance with the provisions of Rule 18.

- 267849** Class 42: Platform-as-a-service [PAAS]; creating a platform in Internet for e-commerce; hosting ecommerce platforms

on internet; software programming for e-commerce platforms; services authentication of users by technological means for electronic commerce transactions; services technological authentication and identification of persons for the realization of financial transactions and payments of any kind; user authentication services by technological means for e-commerce transactions; development of logistics software, supply chain management and electronic business portals; tool design; design services related to data processing tools; provision of temporary use of non-downloadable online software for remote access, handling and control of emails, invoices, catalogs and coupons over a computer network; hosting a website for the download of third-party applications; software as a service (SAAS) services featuring software for users to build websites; all of the aforesaid limited to debit and credit card processing, electronic payment, financial transactions, and processing and management thereof.

Classes 9, 35, 36 and 37 remain unchanged.

Application(s) Withdrawn after Advertisement under the 1996 Act

267675 John Hegarty

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

267067 Emilio Martínez Varela
Iván Luis Hernández
Gilberto José Chacón Gómez
José Parrilla Pérez

267068 Wireless Group Media (GB) Limited

267073 Sebastiaan Miels

267081 Simone Crivellari

267087 Fairy Trees Winery and Distillery Ltd

267090 Siobhan Molloy

267093 Amalgamated Hardware T/A Topline

267109 Aamir Kajani

267122 Abdullah Saood

267153 Sheila Hamilton

Trade Marks Registered under the 1996 Act

266425 (2458) Cl. 33. Colco Distributions Ltd

266794 (2464) Cl. 36. Strike Technology Limited

267039 (2467) Cl. 16. Samantha McGregor

267473 (2474) Cl. 35 36 41 42. GP Bullhound Corporate Finance Limited

267492 (2474) Cl. 25. Sandra Murphy

267525 (2475) Cl. 35. samy jelassi

267526 (2475) Cl. 29 30 40. Folláin Teoranta

267531 (2475) Cl. 25. Chloe Walsh

267563 (2476) Cl. 30. Quality Is Our Recipe, LLC

267609 (2477) Cl. 3. Colgate-Palmolive Company

267610 (2477) Cl. 3. Colgate-Palmolive Company

267613 (2477) Cl. 3. Colgate-Palmolive Company

267638 (2478) Cl. 6 7 12 19 37 39. Breedon Group Plc

267642 (2478) Cl. 14. Artinian Group SA

267644 (2478) Cl. 5. ITL Health Limited

267645 (2478) Cl. 11. Altecnic Limited

267650 (2478) Cl. 35 38. OEMSERVICES

267651 (2478) Cl. 15. Umer Farooq

267655 (2478) Cl. 32. ANGOSTURA INTERNATIONAL LIMITED

267659 (2478) Cl. 31. Peter Guban

267663 (2478) Cl. 9 41. ITV STUDIOS NETHERLANDS CONTENT B.V.

267665 (2478) Cl. 9 38 41. Amazon Technologies, Inc.

267667 (2478) Cl. 38. Siteridge Limited

267669 (2478) Cl. 10 28. Mr Colin Dignan

267670 (2478) Cl. 9 16 36 41. The Royal London Mutual Insurance Society Limited

267671 (2478) Cl. 33 41. Mad March Hare International Brands Limited

267672 (2478) Cl. 42. Traffic Plans Limited

267673 (2478) Cl. 25. Declan Hugh Bonar

267677 (2478) Cl. 9 16 35 39 41 42 45. Road Safety Authority

267680 (2478) Cl. 9 35 37 42. FutureRange Limited

267681 (2478) Cl. 5 9 10 44 45. H. Lundbeck A/S

267684 (2478) Cl. 9 42 45. Trilateral Research Ltd
267688 (2478) Cl. 9 35 36 38 41 42. Bharti Airtel Limited
267689 (2478) Cl. 30. Anthony Speight

Renewal of Registrations Under Section 48 of the 1996 Act

43031 Cl. 1. Kerry Group Services Ltd.
43220 Cl. 25. Blue Max Banner Limited
43468 Cl. 29. Jacob Fruitfield Foods
43499 Cl. 30. Jacob Fruitfield Foods
44465 Cl. 25. Blue Max Banner Limited
44656 Cl. 3. Unilever Global IP Limited
56887 Cl. 3. MÄURER + WIRTZ GmbH & CO. KG
63188 Cl. 1. Cognis IP Management GmbH
73332 Cl. 30. TOOTSIE ROLL INDUSTRIES, INC.
73828 Cl. 3. Unilever Global IP Limited
74001 Cl. 34. P.J. CARROLL & COMPANY LIMITED
74178 Cl. 33. E. REMY MARTIN & CO
74280 Cl. 29. MCDONALD'S INTERNATIONAL PROPERTY COMPANY LTD.
74281 Cl. 29. MCDONALD'S INTERNATIONAL PROPERTY COMPANY LTD.
104417 Cl. 7. FPT GROUP LIMITED
104608 Cl. 9. Societe de Gestion Pierre Cardin
105977 Cl. 5. GLAXO GROUP LIMITED
106179 Cl. 18, Cl. 25. Puma SE
106224 Cl. 3. ST. IVES LABORATORIES, INC.
106555 Cl. 27. DUNELM (SOFT FURNISHINGS) LIMITED
107119 Cl. 6. Vallourec Oil and Gas France
171159 Cl. 33. JC Master Distribution Limited
171332 Cl. 16. Tradition Securities and Futures
171440 Cl. 33. GLOBAL BRANDS LIMITED
171933 Cl. 11. REFLEX WINKELMANN & PANNHOFF GMBH & CO.
172369 Cl. 9. SAFT
172370 Cl. 11. SAFT
174518 Cl. 16. Vodafone Ireland Limited
174588 Cl. 3. L'Oréal
175313 Cl. 3. GlaxoSmithKline Consumer Healthcare (UK) IP Limited
175726 Cl. 16. Oracle America, Inc.
175790 Cl. 3. Procter & Gamble International Operations S.A.
175923 Cl. 5. SANOFI

224060 Cl.35 PETRUS CONSULTING LIMITED
226731 Cl. 27. GODFREY HIRST AUSTRALIA PTY LTD
227267 Cl. 41. EUROMONEY TRADING LIMITED
227336 Cl. 30. UNITED BISCUITS (UK) LIMITED
227485 Cl. 5. Bimeda Animal Health Limited
227519 Cl. 34. KT & G CORPORATION
227762 Cl. 3. PARFUMS CHRISTIAN DIOR
228131 Cl. 25. Phelan Conan Limited
228348 Cl. 31. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
228349 Cl. 31. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
247908 Cl. 42, Cl. 43. COELIAC UK
248585 Cl. 41. BRENDA CAHILL
248660 Cl. 39, Cl. 43. FOLLOW THE CAMINO LTD
248664 Cl. 35, Cl. 41. Celtic Safety Training Limited
248691 Cl. 16, Cl. 30. UNITED BISCUITS (UK) LIMITED
248760 Cl. 29. Glanbia Ireland Designated Activity Company
248776 Cl. 32. ST MEL'S BREWING COMPANY LTD
248785 Cl. 10. Alcon Inc.
248818 Cl. 43. SORALLON LTD
248832 Cl. 30. CELTIC CHOCOLATES LIMITED
248873 Cl. 29, Cl. 30. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
248914 Cl. 1, Cl. 31. SEA NYMPH GALWAY BAY MARINE LTD
248918 Cl. 12, Cl. 37. JOSEPH PETER KAVANAGH
248919 Cl. 12, Cl. 37. JOSEPH PETER KAVANAGH
248969 Cl. 41. ST MUNCHINS COLLEGE
248974 Cl. 10. Alcon Inc.
249006 Cl. 29. SAVENCIA SA
249011 Cl. 1. ORIGIN UK OPERATIONS LIMITED
249131 Cl. 19. MARTIN MCGEE
249164 Cl. 17, Cl. 19. KINGSPAN HOLDINGS (IRL) LIMITED
249211 Cl. 17, Cl. 19. KINGSPAN HOLDINGS (IRL) LIMITED
249387 Cl. 29, Cl. 30, Cl. 35, Cl. 43. TESCO STORES LIMITED
249435 Cl. 3. Unilever Global IP Limited
249439 Cl. 31, Cl. 35, Cl. 43, Cl. 44. BRYAN MAHER
249445 Cl. 16, Cl. 30. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.

249539 Cl. 5, Cl. 29. SOCIÉTÉ DES
PRODUITS NESTLÉ S.A.
249606 Cl. 29. COMPAGNIE GERVAIS
DANONE
249735 Cl. 17, Cl. 19. KINGSPAN HOLDINGS
(IRL) LIMITED
249882 Cl. 3. Unilever Global IP Limited
250859 Cl. 25, Cl. 26. LUTTRELLSTOWN
COMMUNITY COLLEGE
251823 Cl. 5. UNIVERSAL PROTEIN
SUPPLEMENTS CORPORATION
D/B/A UNIVERSAL NUTRITION
253014 Cl. 3. ALBERTO-CULVER USA, INC.

**Renewal Fees unpaid at date of
expiry of Registration or
renewal thereof - Rule 39(1) of
the 1996 Rules**

43077 Cl. 3. 27 February 2023. Phoenix Labs
Unlimited Company
47557 Cl. 5. 18 February 2023. D.D.D. Limited.
63054 Cl. 3. 02 February 2023. Unilever Global
IP Limited
63094 Cl. 30. 14 February 2023. CADBURY
UK LIMITED
63176 Cl. 17. 02 February 2023. DuPont
Electronics, Inc.
73095 Cl. 4. 05 February 2023. Chevron
Intellectual Property LLC
73128 Cl. 5. 01 February 2023. Société des
Produits Nestlé S.A.
73135 Cl. 3. 12 February 2023. Prestige
Cosmetics Corporation
73189 Cl. 23. 22 February 2023. J. & P.
COATS LIMITED
104191 Cl. 3. 01 February 2023. SOFTSOAP
ENTERPRISES INC.
104207 Cl. 16. 15 February 2023.
ZWECKFORM BURO - PRODUKTE
GmbH
104748 Cl. 1. 11 February 2023. EASTMAN
KODAK COMPANY
104750 Cl. 5. 11 February 2023. Kodak Limited
104751 Cl. 7. 11 February 2023. EASTMAN
KODAK COMPANY
104752 Cl. 9. 11 February 2023. EASTMAN
KODAK COMPANY
104754 Cl. 16. 11 February 2023. EASTMAN
KODAK COMPANY
104763 Cl. 25. 18 February 2023. OVS S.P.A.
105349 Cl. 9. 21 February 2023. MERCK KGaA
105584 Cl. 5. 21 February 2023. Wyeth Holdings
LLC

105955 Cl. 10. 08 February 2023. Olympus
Corporation
106194 Cl. 5. 02 February 2023. BRACCO
S.P.A.
106654 Cl. 25. 08 February 2023. JORDACHE
ENTERPRISES INC.
108471 Cl. 28. 23 February 2023. MATTEL,
INC.
108472 Cl. 28. 23 February 2023. MATTEL,
INC.
109023 Cl. 25. 16 February 2023. FCA US LLC
116230 Cl. 30. 09 February 2023. CADBURY
UK LIMITED
169956 Cl. 5. 07 February 2023. Teva
Laboratories UK Limited
170261 Cl. 9. 08 February 2023. THE
MEDICAL DEFENCE UNION
LIMITED
170350 Cl. 3. 27 February 2023. L'OREAL
170458 Cl. 30. 01 February 2023. Unilever IP
Holdings B.V.
170461 Cl. 30. 01 February 2023. Unilever IP
Holdings B.V.
170466 Cl. 30. 01 February 2023. Unilever IP
Holdings B.V.
170469 Cl. 5. 12 February 2023. MEDA Pharma
GmbH & Co. KG
170470 Cl. 5. 12 February 2023. Viatrix GmbH
& Co. KG
170569 Cl. 34. 12 February 2023. AUSA
Premium Cigar Holdings Inc.
170874 Cl. 31. 12 February 2023. J. Sainsbury
plc
171055 Cl. 9. 19 February 2023. Lincoln Global,
Inc.
171056 Cl. 9. 19 February 2023. Lincoln Global,
Inc.
171057 Cl. 9. 19 February 2023. Lincoln Global,
Inc.
171102 Cl. 31. 26 February 2023. ARRABAWN
CO-OPERATIVE SOCIETY LIMITED
171351 Cl. 11. 21 February 2023. Suez
International
171425 Cl. 16. 01 February 2023.
INTERNATIONAL DATA GROUP,
INC.
171635 Cl. 9. 06 February 2023. Eircom Limited
171659 Cl. 9. 22 February 2023. Fox Media LLC
171660 Cl. 25. 22 February 2023. Fox Media
LLC
171745 Cl. 10. 26 February 2023. VELCRO
BVBA
171746 Cl. 26. 26 February 2023. VELCRO
BVBA
172062 Cl. 29, Cl. 30. 26 February 2023. apetito
convenience GmbH & Co. KG
173110 Cl. 12. 14 February 2023. L.A.G. S.p.A.

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|---------------|---|---------------|---|
| 173179 | Cl. 3, Cl. 10. 06 February 2023. NSE PRODUCTS, INC. | 226628 | Cl. 9, Cl. 36. 24 February 2023. PROVIDENT FINANCIAL plc |
| 173314 | Cl. 3, Cl. 16, Cl. 25. 12 February 2023. J. Sainsbury plc | 226647 | Cl. 32. 16 February 2023. Britvic Ireland Limited |
| 174059 | Cl. 5. 12 February 2023. Bayer Intellectual Property GmbH | 226745 | Cl. 9, Cl. 10, Cl. 44. 23 February 2023. Specsavers Optical Superstores Limited |
| 174196 | Cl. 5. 07 February 2023. FMC CORPORATION | 226755 | Cl. 18, Cl. 22, Cl. 24, Cl. 25. 20 February 2023. OUTDOOR ADVENTURE STORE LIMITED |
| 174197 | Cl. 5. 07 February 2023. FMC CORPORATION | 226932 | Cl. 43. 12 February 2023. JOHN M. SHANAHAN |
| 174341 | Cl. 21. 14 February 2023. HENKEL AG & CO. KGaA | 227026 | Cl. 35. 12 February 2023. CIARAN REID |
| 174342 | Cl. 10. 15 February 2023. SPAN-AMERICA MEDICAL SYSTEMS, INC. | 227041 | Cl. 9, Cl. 16, Cl. 35, Cl. 41. 12 February 2023. NATIONAL IRISH SAFETY ORGANISATION |
| 174473 | Cl. 34. 04 February 2023. Philip Morris Products S.A. | 227042 | Cl. 36, Cl. 41. 13 February 2023. THE INSURANCE INSTITUTE OF IRELAND |
| 174644 | Cl. 25. 19 February 2023. ST. JOHN KNITS, INC. | 227115 | Cl. 3. 10 February 2023. THE PROCTER & GAMBLE COMPANY |
| 174875 | Cl. 19. 22 February 2023. MFP SALES LIMITED | 227253 | Cl. 3. 03 February 2023. COLGATE-PALMOLIVE COMPANY |
| 174946 | Cl. 29. 13 February 2023. MATINES S.A. | 227283 | Cl. 9. 23 February 2023. WELLINGTON COMPUTER SYSTEMS |
| 174947 | Cl. 31. 18 February 2023. Monsanto Technology LLC | 227305 | Cl. 11, Cl. 20, Cl. 21. 06 February 2023. WWRD Ireland IPCo LLC |
| 175582 | Cl. 3. 18 February 2023. L'OREAL | 227310 | Cl. 20, Cl. 28. 02 February 2023. NOEL FAY |
| 176028 | Cl. 5, Cl. 21. 05 February 2023. Colgate-Palmolive Company | 227413 | Cl. 16, Cl. 42, Cl. 44. 05 February 2023. OMNICARE, INC. |
| 176206 | Cl. 5. 27 February 2023. JOHNSON & JOHNSON | 227946 | Cl. 9. 23 February 2023. WELLINGTON COMPUTER SYSTEMS LTD |
| 176551 | Cl. 3, Cl. 10, Cl. 21. 12 February 2023. J. Sainsbury plc | 228023 | Cl. 35, Cl. 36, Cl. 37, Cl. 38, Cl. 39, Cl. 40, Cl. 41, Cl. 42, Cl. 44. 27 February 2023. B&Q Limited |
| 176701 | Cl. 5. 26 February 2023. UCB Pharma Limited | 228516 | Cl. 14. 24 February 2023. WWRD Ireland IPCo LLC |
| 176702 | Cl. 10. 26 February 2023. UCB Pharma Limited | 228525 | Cl. 9, Cl. 16, Cl. 35, Cl. 41. 12 February 2023. NATIONAL IRISH SAFETY ORGANISATION |
| 176799 | Cl. 7. 06 February 2023. Electrolux Professional AB | 229507 | Cl. 3. 03 February 2023. COLGATE-PALMOLIVE COMPANY |
| 176977 | Cl. 29. 11 February 2023. Glanbia Ireland Designated Activity Company | 229705 | Cl. 7, Cl. 9, Cl. 11. 20 February 2023. BSH Hausgeräte GmbH |
| 177077 | Cl. 25. 22 February 2023. Tim Healy | 233874 | Cl. 24, Cl. 25, Cl. 28. 23 February 2023. Matalan Limited |
| 177128 | Cl. 30. 01 February 2023. MARS FOODS IRELAND LIMITED | 248398 | Cl. 30. 04 February 2023. Unilever IP Holdings B.V. |
| 177162 | Cl. 25. 22 February 2023. Tim Healy | 248403 | Cl. 30. 04 February 2023. Mondelez International AMEA Pte. Ltd. |
| 226524 | Cl. 29, Cl. 30, Cl. 32, Cl. 43. 06 February 2023. ABRAKEBABRA LIMITED | 248404 | Cl. 30. 04 February 2023. Mondelez International AMEA Pte. Ltd. |
| 226529 | Cl. 5. 02 February 2023. JOHNSON & JOHNSON | 248420 | Cl. 44. 06 February 2023. BLUECREST HEALTH SCREENING LTD |
| 226561 | Cl. 32. 06 February 2023. ALDI STORES (IRELAND) LIMITED | | |
| 226571 | Cl. 36. 13 February 2023. Chevron Intellectual Property LLC | | |
| 226588 | Cl. 10. 09 February 2023. Alcon Inc. | | |
| 226601 | Cl. 5. 27 February 2023. BRISTOL-MYERS SQUIBB COMPANY | | |
| 226623 | Cl. 35. 24 February 2023. PlanetArt, LLC | | |

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| 248423 | Cl. 5. 07 February 2023. Corteva Agriscience LLC | 248546 | Cl. 41. 22 February 2023. ANDREA CASAGRANDE |
| 248435 | Cl. 42. 06 February 2023. DANIEL CONNOLLY | 248548 | Cl. 10. 01 March 2023. SPORTS & SUPPORTS LIMITED |
| 248443 | Cl. 34. 06 February 2023. RICHARD TARR | 248551 | Cl. 35, Cl. 41. 22 February 2023. MUMMYCOOKS |
| 248456 | Cl. 25. 04 February 2023. JEAN KELLY | 248552 | Cl. 9, Cl. 40. 20 February 2023. JASON MILLER |
| 248457 | Cl. 30, Cl. 43. 12 February 2023. AdviceTec Foods Limited | 248564 | Cl. 30. 13 February 2023. NWWGH HOLDINGS LTD T/A MR. WAFFLE |
| 248467 | Cl. 3. 18 February 2023. Unilever Global IP Limited | 248595 | Cl. 9, Cl. 16, Cl. 44. 05 February 2023. OLIVE O'CONNOR |
| 248479 | Cl. 30. 19 February 2023. JDS GOURMET POPCORN LTD. | 248596 | Cl. 35. 21 February 2023. IRISH MODERN AUCTIONS LIMITED T/A IAM-SOLD |
| 248482 | Cl. 5. 15 February 2023. TEVA PHARMACEUTICALS IRELAND A TRADING NAME OF NORTON (WATERFORD) LIMITED | 248621 | Cl. 16. 18 February 2023. RONAN BYRNE |
| 248484 | Cl. 14. 20 February 2023. DAVID BUCKLEY | 248644 | Cl. 36, Cl. 41, Cl. 44. 21 February 2023. IMMUNISATION 4 LIFE CHILD HEALTH SPECIALISTS |
| 248486 | Cl. 35, Cl. 41. 20 February 2023. CORK INSTITUTE OF TECHNOLOGY | 248649 | Cl. 16. 01 March 2023. EVA MCSWEENEY |
| 248500 | Cl. 16, Cl. 41. 26 February 2023. Dublin and Dun Laoghaire Education and Training Board | 248690 | Cl. 29, Cl. 30, Cl. 43. 11 February 2023. JOHN BLISARD |
| 248501 | Cl. 16, Cl. 41. 26 February 2023. Dublin and Dun Laoghaire Education and Training Board | 248701 | Cl. 25, Cl. 41. 22 February 2023. MOTO MOTO LIMITED |
| 248502 | Cl. 16, Cl. 41. 26 February 2023. Dublin and Dun Laoghaire Education and Training Board | 248702 | Cl. 25, Cl. 41. 22 February 2023. MOTO MOTO LIMITED |
| 248505 | Cl. 29, Cl. 30. 19 February 2023. BIN BIN DAI | 248704 | Cl. 6, Cl. 7, Cl. 9, Cl. 12, Cl. 16, Cl. 19, Cl. 35, Cl. 36, Cl. 38, Cl. 39, Cl. 41, Cl. 42, Cl. 45. 12 February 2023. THE NATIONAL TRANSPORT AUTHORITY |
| 248511 | Cl. 31. 01 March 2023. INFORM NUTRITION IRELAND LTD | 248706 | Cl. 6, Cl. 7, Cl. 9, Cl. 12, Cl. 16, Cl. 19, Cl. 35, Cl. 36, Cl. 38, Cl. 39, Cl. 41, Cl. 42, Cl. 45. 12 February 2023. THE NATIONAL TRANSPORT AUTHORITY |
| 248512 | Cl. 31. 01 March 2023. AVOCA AGRI LTD | 248863 | Cl. 5. 05 February 2023. BASF SE |
| 248516 | Cl. 29, Cl. 30. 26 February 2023. ULTIMA FOODS INC. - ALIMENTS ULTIMA INC. | 248907 | Cl. 3. 12 February 2023. Unilever Global IP Limited |
| 248518 | Cl. 42. 11 February 2023. SENDDR SOFTWARE LTD | 248923 | Cl. 29, Cl. 30, Cl. 43. 11 February 2023. Pilgrim's Food Masters UK Limited |
| 248522 | Cl. 9. 25 February 2023. POPIN CHARMS LTD | 248948 | Cl. 5. 25 February 2023. PURE-AID HEALTHCARE LIMITED |
| 248524 | Cl. 5. 01 March 2023. MUSGRAVE LIMITED | 248959 | Cl. 30. 28 February 2023. PO ZHINKE LAMB |
| 248529 | Cl. 41, Cl. 44. 25 February 2023. THE BUMP ROOM | 248966 | Cl. 5, Cl. 31, Cl. 44. 13 February 2023. GER O'DONOVAN |
| 248530 | Cl. 1. 26 February 2023. Veolia Water Ireland Limited | 248973 | Cl. 30. 15 February 2023. DAIRYGLEN PRODUCTS LIMITED |
| 248531 | Cl. 11, Cl. 37. 22 February 2023. MARK BOURKE | | |
| 248532 | Cl. 14. 08 February 2023. Armoura Designs Limited | | |
| 248538 | Cl. 25, Cl. 35. 20 February 2023. KATIE HASSETT | | |
| 248539 | Cl. 14. 28 February 2023. SHARON HAVERTY | | |

248980 Cl. 38, Cl. 41. 12 February 2023. COMEDY PARTNERS, HAVING AS PARTNER(S) VIACOM INTERNATIONAL INC., A DELAWARE CORPORATION AND VIACOM HEARTY HA! HA! LLC, A DELAWARE LIMITED LIABILITY COMPANY

249023 Cl. 35. 15 February 2023. BELLA BATHROOMS LIMITED

249058 Cl. 36. 25 February 2023. J & E DAVY, TRADING AS DAVY

249120 Cl. 39. 05 February 2023. PAULA COUGHLAN

249200 Cl. 1, Cl. 2, Cl. 8, Cl. 17, Cl. 19, Cl. 27, Cl. 42. 14 February 2023. RPM IRELAND IP LIMITED

249208 Cl. 16, Cl. 25, Cl. 41. 15 February 2023. LIMERICK LODIS LIMITED T/A LIMERICK COMMUNICATIONS OFFICE

249229 Cl. 1, Cl. 2, Cl. 8, Cl. 17, Cl. 19, Cl. 27, Cl. 42. 08 February 2023. RPM IRELAND IP LIMITED

249357 Cl. 9. 28 February 2023. TESCO STORES LIMITED

249405 Cl. 41. 04 February 2023. CLAIRE O'DEA

249461 Cl. 9, Cl. 38, Cl. 45. 28 February 2023. PHONEWATCH LIMITED

249462 Cl. 9, Cl. 38, Cl. 45. 28 February 2023. PHONEWATCH LIMITED

249543 Cl. 34. 05 February 2023. ROTHMANS OF PALL MALL (IRELAND) LIMITED

249544 Cl. 34. 05 February 2023. ROTHMANS OF PALL MALL (IRELAND) LIMITED

249649 Cl. 16. 05 February 2023. MATTHEW MCCORMACK

249749 Cl. 8, Cl. 21. 15 February 2023. MEYER INTELLECTUAL PROPERTIES LIMITED

249931 Cl. 6, Cl. 7, Cl. 9, Cl. 12, Cl. 16, Cl. 19, Cl. 35, Cl. 36, Cl. 38, Cl. 39, Cl. 41, Cl. 42, Cl. 45. 12 February 2023. THE NATIONAL TRANSPORT AUTHORITY

249956 Cl. 30. 04 February 2023. THE CLONAKILTY COCOA COMPANY LIMITED

250204 Cl. 29, Cl. 30. 19 February 2023. JDS GOURMET POPCORN LTD.

250225 Cl. 29, Cl. 30, Cl. 32, Cl. 33, Cl. 35. 12 February 2023. J. SAINSBURY PLC

Trade Marks Removed from the Register under Section 48 and Rule 39(2) of the 1996 Act and Rules.

45529 Cl. 5. Galenica AG

62793 Cl. 34. British American Tobacco Exports B.V.

62794 Cl. 34. British American Tobacco Exports B.V.

63484 Cl. 10. KALTENBACH & VOIGT, personally responsible partners ALOIS KALTENBACH AND ERICH HOFFMEISTER

72254 Cl. 5. Kedrion Biopharma Inc.

72294 Cl. 28. Mattel, Inc.

72325 Cl. 3. REVLON CONSUMER PRODUCTS CORPORATION

72676 Cl. 30. BBFI Intellectual Property, Inc.

99263 Cl. 10. ICU Medical, Inc.

99457 Cl. 3, 11. Wella International Operations Switzerland Sàrl

99462 Cl. 30. ZED HOLDINGS HONG KONG LIMITED

99464 Cl. 3. Coty US, LLC

101010 Cl. 1. Hoechst GmbH

101020 Cl. 5. BAXTER INTERNATIONAL INC.

102038 Cl. 5. DEGESCH GMBH

102041 Cl. 3. COLGATE-PALMOLIVE COMPANY

103021 Cl. 12. TOYOTA JIDOSHA KABUSHIKI KAISHA (TOYOTA MOTOR CORPORATION).

106895 Cl. 25. MARY QUANT LIMITED

115185 Cl. 9. TELEFONAKTIEBOLAGET L M ERICSSON

116027 Cl. 20. Westinghouse Electric & Manufacturing Company, LLC

116028 Cl. 20. Westinghouse Electric & Manufacturing Company, LLC

116029 Cl. 19. Westinghouse Electric & Manufacturing Company, LLC

116030 Cl. 19. Westinghouse Electric & Manufacturing Company, LLC

167206 Cl. 3, 21. Unilever Global IP Limited

167208 Cl. 32. Mezgo Inversiones, S.L.

167423 Cl. 5. BGP Products Operations GmbH

167428 Cl. 16, 18, 21, 25, 28. IRISH HEART FOUNDATION

167511 Cl. 7. MURTFELDT KUNSTSTOFFE GmbH & CO. KG

167512 Cl. 17. MURTFELDT KUNSTSTOFFE GmbH & CO. KG

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| 167526 | Cl. 7. MURTFELDT KUNSTSTOFFE GmbH & CO. KG | 172245 | Cl. 29. Glanbia Ireland Designated Activity Company |
| 167527 | Cl. 17. MURTFELDT KUNSTSTOFFE GmbH & CO. KG | 172286 | Cl. 7. MURTFELDT KUNSTSTOFFE GmbH & CO. KG |
| 167534 | Cl. 1. NOVOZYMES A/S | 172287 | Cl. 7. MURTFELDT KUNSTSTOFFE GmbH & CO. KG |
| 167728 | Cl. 33. GEOFF D. READ | 172420 | Cl. 16. THE PROCTER & GAMBLE COMPANY |
| 167776 | Cl. 33. SIERRA SUNRISE VINEYARDS | 172559 | Cl. 32. Mezgo Inversiones, S.L. |
| 168048 | Cl. 3. Elizabeth Arden, Inc. | 172952 | Cl. 17, 19. ETEX |
| 168483 | Cl. 9. SEGALA BRUNO | 173103 | Cl. 5. BGP Products Operations GmbH |
| 168555 | Cl. 21. Colgate-Palmolive Company | 173468 | Cl. 33. BLUE PYRENEES ESTATE PTY. LTD. |
| 168640 | Cl. 7. SEB S.A. | 173929 | Cl. 3, 9, 14, 16, 18, 21, 24, 25, 28. MERCIS B.V. |
| 168641 | Cl. 9. SEB S.A. | 174656 | Cl. 31. COMPAGNIE FINANCIERE ET DE PARTICIPATIONS ROULLIER |
| 168642 | Cl. 11. MOULINEX S.A. | 175206 | Cl. 14, 25. Community Games |
| 168745 | Cl. 5. RECKITT & COLEMAN PRODUCTS LIMITED | 176127 | Cl. 3, 18, 25. W & L T SEFRANEK + CO. |
| 168973 | Cl. 5. MERCK SHARP & DOHME B.V. | 176140 | Cl. 3, 18, 25. W & L T SEFRANEK + CO. |
| 168979 | Cl. 2. Cognis IP Management GmbH | 177255 | Cl. 34. DUNHILL TOBACCO OF LONDON LIMITED |
| 169739 | Cl. 3. Beiersdorf AG | 224954 | Cl. 29. HENRY CLIFTON BROWN |
| 169740 | Cl. 3. Beiersdorf AG | 224990 | Cl. 29. St Giles Foods Limited |
| 169741 | Cl. 3. Beiersdorf AG | 225006 | Cl. 29. ALDI STORES (IRELAND) LIMITED |
| 170090 | Cl. 3. Alticor Inc | 225007 | Cl. 3. Unilever Global IP Limited |
| 170092 | Cl. 11. Koninklijke Philips Electronics N.V. | 225011 | Cl. 29, 30. Pilgrim's Food Masters Ireland Limited |
| 170206 | Cl. 25. Primark Limited | 225013 | Cl. 14. D.C.K. Concessions Limited |
| 170207 | Cl. 25, 32, 33, 34. MARSABULLOK LDA | 225017 | Cl. 30. ALDI STORES (IRELAND) LIMITED |
| 170315 | Cl. 3. L'Oréal | 225091 | Cl. 16, 29. GLENSTAL ABBEY |
| 170317 | Cl. 5. Syngenta Participations AG | 225117 | Cl. 5. SINCLAIR PHARMACEUTICALS LIMITED |
| 170444 | Cl. 33. CASTEL FRERES | 225135 | Cl. 5. Valent U.S.A. Corporation |
| 170494 | Cl. 5. PHARMACIA ITALIA S.p.A. | 225161 | Cl. 29. ALDI STORES (IRELAND) LIMITED |
| 170860 | Cl. 34. CHATEAU LAFITE ROTHSCHILD | 225162 | Cl. 30. ALDI STORES (IRELAND) LIMITED |
| 170862 | Cl. 3. New Wave Mode AB | 225163 | Cl. 32. Britvic Ireland Limited |
| 170863 | Cl. 28. New Wave Mode AB | 225190 | Cl. 29, 30. Corby Spirit & Wine Limited |
| 170974 | Cl. 1. DANISCO CULTOR AMERICA, INC. | 225203 | Cl. 30. Unilever IP Holdings B.V. |
| 171044 | Cl. 30. SOREMARTEC S.A. | 225204 | Cl. 30. Unilever IP Holdings B.V. |
| 171321 | Cl. 3. ADRIENNE VITTADINI, LLC | 225206 | Cl. 36. New Star Asset Management Limited |
| 171361 | Cl. 16. GUEST HOUSE, INC. | 225216 | Cl. 30. Unilever IP Holdings B.V. |
| 171407 | Cl. 30. CADBURY UK LIMITED | 225230 | Cl. 5. Corteva Agriscience LLC |
| 171788 | Cl. 5. BOEHRINGER INGELHEIM VETMEDICA GmbH | 225350 | Cl. 33. Bulmers Limited |
| 171870 | Cl. 29. Arla Foods Limited | 225388 | Cl. 19. WARMSEAL WINDOWS (Newcastle) LIMITED |
| 171886 | Cl. 7. MURTFELDT KUNSTSTOFFE GmbH & CO. KG | 225404 | Cl. 41. VIACOM INTERNATIONAL INC. |
| 171887 | Cl. 17. MURTFELDT KUNSTSTOFFE GmbH & CO. KG | 225406 | Cl. 3, 5. RECKITT BENCKISER (UK) LIMITED |
| 171888 | Cl. 7. MURTFELDT KUNSTSTOFFE GmbH & CO. KG | | |
| 171889 | Cl. 17. MURTFELDT KUNSTSTOFFE GmbH & CO. KG | | |
| 171944 | Cl. 1. ROCHE DIAGNOSTICS GmbH | | |
| 171945 | Cl. 5. ROCHE DIAGNOSTICS GmbH | | |
| 171946 | Cl. 9. ROCHE DIAGNOSTICS GmbH | | |
| 171947 | Cl. 7, 9, 11. B&B TRENDS, S.L. | | |

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| 225489 | Cl. 16, 44. Janssen Biotech, Inc. | 247714 | Cl. 14. AJ TEAM PRODUCTS T/A PRIDE WATCHES |
| 225499 | Cl. 25. OCS Properties Limited | 247715 | Cl. 5. GILEAD SCIENCES IRELAND UC |
| 225733 | Cl. 9, 35, 37, 42. BearingPoint IP Holding B.V. | 247716 | Cl. 14. AJ TEAM PRODUCTS LTD T/A PRIDE PRODUCTS |
| 225775 | Cl. 9, 37, 38, 42. Allnet Limited | 247717 | Cl. 5. GILEAD SCIENCES IRELAND UC |
| 225897 | Cl. 9, 16, 35, 41. Irish Taxation Institute | 247720 | Cl. 5, 44. TROPICAL MEDICAL BUREAU (TMB) |
| 225906 | Cl. 16, 20. Sherwin-Williams Luxembourg Investment Management Company S.à.r.l. | 247722 | Cl. 29, 30, 39, 43. PIZZA HUT INTERNATIONAL, LLC |
| 225947 | Cl. 25. PLAYBOY ENTERPRISES INTERNATIONAL, INC. | 247724 | Cl. 29, 30, 39, 43. PIZZA HUT INTERNATIONAL, LLC |
| 226210 | Cl. 36. SONAS HOUSING ASSOCIATION LIMITED | 247728 | Cl. 35, 41, 42, 43. AER RIANTA INTERNATIONAL cpt |
| 227554 | Cl. 35, 41. BRIAN GERARD HANRATTY | 247734 | Cl. 5. GILEAD SCIENCES IRELAND UC |
| 230526 | Cl. 33. VINAS Y BODEGAS BOTALCURA, S.A. | 247736 | Cl. 5. GILEAD SCIENCES IRELAND UC |
| 241025 | Cl. 3, 35. JUICY COUTURE, INC | 247737 | Cl. 5. GILEAD SCIENCES IRELAND UC |
| 247626 | Cl. 5. NOVARTIS AG | 247738 | Cl. 9. KP Snacks Limited |
| 247628 | Cl. 5. NOVARTIS AG | 247739 | Cl. 42. KYBEIRE LIMITED |
| 247634 | Cl. 30. KELLOGG COMPANY | 247740 | Cl. 35. LADIESLOOT LTD |
| 247642 | Cl. 5. SANTEN PHARMACEUTICAL CO., LTD. | 247742 | Cl. 30. P MCCLOSKEY & SONS LTD |
| 247646 | Cl. 11, 37. DPM ENERGYTEC SYSTEMS LTD T/A ENERGY NETWORKS | 247746 | Cl. 1, 12. PAUL WARREN |
| 247650 | Cl. 35. DUBLINCLOUD LTD | 247755 | Cl. 29, 30, 39, 43. MICHAEL BIRMINGHAM |
| 247651 | Cl. 35. DUBLINCLOUD LTD | 247756 | Cl. 25. CRAZY STYLE LTD |
| 247654 | Cl. 41. THE ONE FOUNDATION | 247764 | Cl. 5. GILEAD SCIENCES IRELAND UC |
| 247659 | Cl. 5. CIARAN GREENWOOD | 247781 | Cl. 30. SIOBHÁN LAWLESS |
| 247665 | Cl. 16, 41. CYAN BCS LTD | 247782 | Cl. 1. CYTEC INDUSTRIES INC. |
| 247672 | Cl. 35, 41. MYCORK POLISH ASSOCIATION | 247829 | Cl. 29, 30. Kerry Luxembourg S.à.r.l. |
| 247683 | Cl. 16, 21. ECOPROMO LIMITED | 247886 | Cl. 35, 41. MARIAN HEARNE |
| 247684 | Cl. 4. VAPORO TECH LTD | 247887 | Cl. 29, 30. NIFTY NIBBLES FOOD COMPANY LTD |
| 247685 | Cl. 1, 4. VAPORO TECH LTD | 247909 | Cl. 3. THANE DIRECT UK LIMITED |
| 247686 | Cl. 40. VAPORO TECH LTD | 247910 | Cl. 3. THANE DIRECT UK LIMITED |
| 247687 | Cl. 39. MATTHEWS COACH HIRE LTD | 247911 | Cl. 3. THANE DIRECT UK LIMITED |
| 247693 | Cl. 43. THOMAS MCNAMARA | 247914 | Cl. 42. ENTERPRISE IT LTD |
| 247701 | Cl. 18, 25. PURPLE DEVIL LIMITED | 247915 | Cl. 42. ENTERPRISE IT LTD |
| 247705 | Cl. 5. GILEAD SCIENCES IRELAND UC | 247958 | Cl. 35, 37. RIGHT-CLICK LIMITED |
| 247706 | Cl. 5. GILEAD SCIENCES IRELAND UC | 247998 | Cl. 29, 30, 32. WW FOODS, LLC |
| 247707 | Cl. 5. GILEAD SCIENCES IRELAND UC | 248015 | Cl. 29, 30. KINSALE BAY FOOD COMPANY LIMITED |
| 247708 | Cl. 30. P MCCLOSKEY & SONS LTD | 248068 | Cl. 12. THE CYCLE SUPERSTORE LTD. |
| 247710 | Cl. 5. GILEAD SCIENCES IRELAND UC | 248081 | Cl. 5. SANTEN PHARMACEUTICAL CO., LTD. |
| 247711 | Cl. 5. GILEAD SCIENCES IRELAND UC | 248199 | Cl. 41. MICHAEL O'REGAN, JANE O'REGAN, KENNETH BROOKS, JAMES MCMILLAN on behalf of THE HAMILTON TRUST |
| 247712 | Cl. 5. GILEAD SCIENCES IRELAND UC | 248289 | Cl. 9, 16, 41, 44. WW International, Inc. |
| 247713 | Cl. 5. GILEAD SCIENCES IRELAND UC | 248324 | Cl. 16, 35, 37, 41, 42. B&Q Limited |

- 248332 Cl. 44. THE BODYMIND
BALANCING ASSOCIATION OF
IRELAND
- 248386 Cl. 33. NOEL KINAHAN
- 248576 Cl. 3, 5, 21. STAFFORD-MILLER
(IRELAND) LIMITED
- 248650 Cl. 30. SOCIÉTÉ DES PRODUITS
NESTLÉ S.A.
- 250287 Cl. 30. ARYZTA Food Solutions Ireland
- 250895 Cl. 39. TRAVELSHOP.IE

**Leave to Alter Trade Mark(s)
Registered under the 1996 Act,
Granted**



POWER ^{OF} SEVEN

YOUR PERSONAL ADVISORY BOARD

- 255830 Cl. 41. Barry Walsh

A representation of the mark in its altered form was
advertised in Journal No: 2333

**Trade Marks Restored to the
Register under Rule 40 of the
1996 Rules**

- 224060 Cl. 35. PETRUS CONSULTING
LIMITED.

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.

SYNAPSA

1187275 30/09/2013

Class 5. Capsules for medicines; dragees (medicines); homeopathic medicines; medicines for counteracting ailments; medicines for human purposes; medicines for human use; medicines for preventing ailments; medicines in tablet form; tablets for medicines; herbal compounds for medicinal use; herbal dietary supplements for persons with special dietary requirements; herbal extracts for medicinal purposes; herbal medicine; herbal preparations (preserved) for medicinal use; herbal preparations for medicinal purposes; herbal preparations for use in medicine; herbal remedies; herbal teas for medicinal purposes; medicinal herbal infusions; medicinal herbal preparations for medical purposes; extracts of bacopa - bacopa monnieri.

Priority Date Claimed: 30 August 2013 Australia

Soho Flordis International Pty Ltd, L4, 156 Pacific Highway, ST LEONARDS NSW 2065, Australia

Representative: SFI Health C/- Axis Global Pty Limited, PO Box 1284, Double Bay NSW 1360, Australia



The logo for POLAR features the word "POLAR" in a bold, black, sans-serif font. The letter "O" is replaced by a red circle with a white horizontal line through its center, resembling a stylized globe or a specific brand mark.

1231141 09/01/2023

Class 9. Wrist devices, monitors, testers, sensors peripheral devices and/or systems used for measuring and/or recording (other than for medical purposes) different physiological data, biosignals and/or exercise parameters, namely blood oxygenation, heart rate, heart rate variability, electrocardiogram, blood pressure, ventilation, body temperature, body flexibility, body strength, body motion, skin conductivity, blood glucose,

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|---|---|---|-----------------|
| <p>lactic acid and/or recording, time, distance, speed, acceleration, altitude, environmental temperature, humidity and purity; computer software for the synchronization of exercise databases between a remote station or device and a fixed remote station or device; computer programs for accessing, browsing and searching online exercise databases; MP3 and other digital format audio players; mobile digital electronic devices for exercise user, global positioning devices; wireless interfaces and mobile devices for communicating physiological data and/or exercise data; integrated circuit cards and/or integrated circuits for measuring physiological and/or exercise data; electronic equipment for sensing data, for providing training instructions and for displaying data obtained during exercise; wearable monitoring apparatus and wearable computers in conjunction with biosignal detection; computer interfaces, software and/or firmware for the aforementioned goods.</p> | <p>Class 10. Wrist devices, monitors, testers, sensors and/or peripheral devices used for measuring and/or recording different physiological data and/or biosignals, namely blood oxygenation, heart rate, heart rate variability, electrocardiogram, blood pressure, ventilation, body temperature, body flexibility, body strength, body motion, skin conductivity, blood glucose, lactic acid and/or recording, time, distance, speed, acceleration, altitude, environmental temperature, humidity and purity, all for medical purposes.</p> | <p>Class 25. Clothing, footwear, headgear and neck bands, and wrist bands [parts of clothing], detachable to body, with biosignal and/or body motion and/or location detection.</p> <p>Class 28. Game devices and/or systems utilizing biosignal and/or body motion data.</p> <p>Class 35. Providing information on shopping opportunities provided by others; providing a promotional guide to a wide variety of web sites in the fields of recreation, business, living, shopping, the home, and the internet; marketing a variety of services provided by others by disseminating information on a global computer network.</p> <p>Class 38. Telecommunication access services to exercise databases; delivery of messages by electronic transmission.</p> <p>Class 41. Educational and instruction services relating to exercise activities, coaching services for exercise activities; education services relating to customer satisfaction.</p> | <p>watches.</p> |
| <p>Class 14. Electronic clocks and</p> | <p>Class 9. Computer peripheral devices; Global Positioning System [GPS] apparatus; electronic sounding device within books,</p> | <p>Polar Electro Oy, Professorintie 5, FI-90440 KEMPELE, Finland</p> <p>Colour Claimed: Red, black and white.</p> <p>Representative: Kolster Oy Ab, PO Box 204 (Salmisaarenaukio 1), FI-00181 HELSINKI, Finland</p> | |
| <hr style="width: 100%;"/> <h2 style="margin: 0;">MiPay</h2> | | | |
| <p>1470868 21/01/2019</p> | | | |

namely, audio devices for audiobooks; animated cartoons; cameras [photography]; mouse pads; quantity indicators; measuring instruments; sensors; spectacles; video screens; remote control apparatus; chips [integrated circuits]; theft prevention installations, electric; chargers for electric batteries.

Class 35. Advertising; commercial intermediation services; marketing; personnel management consultancy; relocation services for businesses; compilation of information into computer databases; accounting; rental of vending machines; sponsorship search; retail services for pharmaceutical, veterinary and sanitary preparations and medical supplies.

Class 36. Financing services; loans [financing]; instalment loans; providing financial information via a web site; insurance information; financial customs brokerage services; surety services; real estate agency services; trusteeship; pawnbrokerage.

Xiaomi Inc., Floor 13, Rainbow City Shopping Mall II, of China Resources, NO. 68, Qinghe Middle Street, Haidian District, Beijing, China

Representative: Beijing Sunland Law Firm, 31/F, Beijing Silver Tower, No. 2 Dong San Huan North Road, Chaoyang District, Beijing, China

Address for service: Lane Intellectual Property (Ireland) Limited, Block D, Iveagh Court, Harcourt Road, Dublin 2, Ireland

MINDEE

1531547 28/01/2020

Class 9. Data processing equipment; game software; software (recorded programs); teaching apparatus and instruments; digital recording media; file sharing, data, documents software; registered software; computer software for the management, storage, analysis, maintenance, processing, structuring, revision, construction, publishing, distribution, communication, organization, sharing, referencing, monitoring and integration of data; software for extracting text from documents; downloadable software applications; downloadable computer software applications; workflow software applications; software applications for use on mobile devices; software for the transmission of information on computer networks; sharing software; computer applications for multimedia content between multiple online users simultaneously or non-simultaneously.

Class 42. Technical evaluations concerning design (engineers' services); scientific research; technical research; design of computers for third parties; computer development; software design; software development; research and development of new products for third parties; conducting of technical project studies; architecture; software development (design); software installation; software maintenance; updating of software; software rental;

programming for computers; computer system analysis; computer system design; consultant services with respect to computer hardware design and development; digitization of documents; Software as a Service (SaaS); cloud computing; advice regarding information technology; hosting of servers; graphic arts design services; electronic data storage; handwriting analysis [graphology]; user authentication services using single sign-on technology for online software applications; advice regarding information technology; conversion of data or documents from physical to electronic media; conversion of computer programs and data, other than physical conversion; providing information on computer technology and programming via a web site; development of software application solutions; hosting of software applications for others; temporary provision of non-downloadable software applications accessible via a website; computer services, namely, providing an online platform and application service provider (ASP) services in order to enable multiple users to process data; provision of an online platform and application service provider (ASP) services in order to enable multiple users to share information, data, documents, computer applications and multimedia content; services for the temporary use of non-downloadable online software (software rental) enabling the sharing of information, data, documents, computer applications and multimedia content between multiple users; services for the design, integration, analysis and

consulting with respect to software; design, customization, integration, analysis and consulting with respect to computer systems and networks; design, customization, implementation and maintenance of web pages and websites on behalf of third parties; computer programming services; hosting content; services providing software for interaction and information exchange via e-mail and electronic messaging in relation to data processing; services providing software for managing remotely stored data for these applications.

Priority Date Claimed: 09 January 2020 France

MINDEE, 14 rue Charles V, F-75004 Paris, France

Representative: IPSILON, Le Centralis, 63 avenue du Général Leclerc, F-92340 Bourg-la-Reine, France

SMOKE LAB
VODKA



1542543 02/06/2020

Class 33. Alcoholic products like vodka.

NV DISTILLERIES AND BREWERIES PRIVATE LIMITED, 10th Floor, Vandana Building, 11, Tolstoy Marg, New Delhi 110001, India

Representative: AZB & Partners, Plot No.A-8, Sector 4, Noida 201301, India

Address for service: FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland

providing classes, seminars, tutoring and mentoring in the field of visual arts in the nature of live musical performances; presentation of musical performances; educational services and training services, namely, providing classes, seminars, tutoring and mentoring in the fields of playing musical instruments and singing; arranging and conducting of concerts; concert booking; artist development, namely, mentoring in the field of songwriting, composing, music producing and successful marketing for the nurturing of new artists; educational services, namely, conducting online classes and workshops in the fields of music, performance, concerts, competition and entertainment services; entertainment services, namely, providing online live and recorded musical performances.

Class 42. Providing temporary access to non-downloadable software for instruction in the fields of music, performance, concerts, competition and entertainment.

METHOD

1626895 22/07/2021

Class 9. Downloadable mobile application software for instruction in the field of music and performance; computer educational software for instruction in the field of music through the use of educational games.

Class 16. Manuals and instructional books covering primarily the field of music; printed guides for teaching others how to play musical instruments.

Class 41. Production of audio and visual recordings; entertainment services in the nature of music recording and sound recording studio services; educational services, namely, conducting classes and workshops in the field of music, performance, concerts, competition and entertainment services; entertainment services, namely, live musical performances; cultural activities, namely, live artistic and visual arts performances; production of music, musical recordings and video recordings; entertainment services in the fields of music, live performances, musicians, musical artists, musical performances, singers, music recordings and studio services; educational services and training services, namely,

Priority Date Claimed: 22 January 2021 United States of America

School of Rock, LLC, 1 Wattles Street, Canton MA 02021, United States of America

Notings: The request for protection is proceeding with the consent of the Proprietors of European Union Trade Mark No's 1511013 and 18326696.

Representative: Lauren J. Arnold Nixon Peabody LLP, 799 9th Street NW, Suite 500, Washington DC 20001-5327, United States of America

Address for service: TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland

Vanguard

1654373 02/12/2022

Class 36. Funds investment, investment management, financial asset management, wealth management, financial risk assessment, financial risk management, financial investment brokerage, financial custody services in the nature of maintaining possession of financial assets for others for financial management purposes, actuarial, financial analysis, financial investment counselling, financial analysis consultation services, financial consultation in the field of funds investment, financial retirement planning, financial planning, investment transactions and processing in the nature of investment fund transfer and transaction services and financial and investment research, news, and information services in the nature of providing information and research in the field of finance and financial investments; providing information in the fields of investing of funds, finance, saving, financial planning, financial retirement planning, financial portfolio management, financial decision making, and financial risk management via an interactive website and online computer database; financial administration and management of employee benefit plans, defined benefit plans, defined contribution plans, employee pension plans, and college savings plans; charitable fund raising services; estate planning,

financial trust planning, and financial trust administration services.

The Vanguard Group, Inc., 100 Vanguard Blvd.,
Malvern PA 19355, United States of America

Representative: David M. Kelly Kelly IP, LLP,
1300 19th Street, NW, Suite
300, Washington DC 20036,
United States of America



1658549 30/12/2021

Class 29. Meat, fish, poultry and game; processed meat products; dried pulses; soups, bouillon; processed olives, olive paste; milks of animal origin; milks of herbal origin; milk products; butter; edible oils; dried, preserved, frozen, cooked, smoked or salted fruits and vegetables; tomato paste; prepared nuts and dried fruits as snacks; hazelnut spreads and peanut butter; tahini (sesame seed paste); eggs and powdered eggs; potato chips.

Priority Date Claimed: 07 December 2021 Türkiye

RELLA GIDA SANAYI VE TICARET ANONIM
SIRKETI, AYDINLI - ISTANBUL AYOSB MAH. 8.
SK., ISTANBUL ANADOLU YAKASI OSB 1,
Tuzla Istanbul, Türkiye

Colour Claimed: Black and gold.

Representative: MARQUALITY PATENT
TICARET LIMITED SIRKETI,
Sehit Adem Yavuz Sokak
No:3/9, Kizilay,
Çankaya/Ankara, Türkiye



1666561 21/02/2022

Class 30. Coffee, tea, cocoa and substitutes therefor; rice, pasta and noodles; tapioca and sago; flour and preparations made from cereals; bread, pastries and confectionery; chocolate; ice cream, sorbets and other edible ices; sugar, honey, treacle; yeast, baking-powder; salt, seasonings, spices, preserved herbs; vinegar, sauces and other condiments; ice (frozen water).

MINIK LEZZETLER PASTACILIK TICARET VE SANAYI LIMITED SIRKETI, Sinanpasa Mahallesi Sair Nedim Caddesi, Mentis Is Hani 18 A, Besiktas, Istanbul, Türkiye

Representative: MARKIZ PATENT LIMITED
SIRKETI, Nispetiye Mahallesi
Nispetiye Caddesi, No:6 Levent
Is Merkezi K:2, Etiler Besiktas,
Istanbul, Türkiye

REVERSING WASTE

1672304 20/06/2022

Class 1. Alumina; iron oxide; synthetic silica; titanium dioxide for industrial purposes; rare earths; rare earth compounds; industrial inorganic chemicals; purification chemicals; ammonium sulfate; ammonium salts; chemical preparations for use in the metallurgical industry; minerals in powder form for industrial use; mineral preparations for use in manufacturing.

Class 40. Processing of metallic materials.

Priority Date Claimed: 20 December 2021 Australia

Peloton Resources Pty Ltd, 24 Cockatoo Ridge,
Joondalup WA 6027, Australia

Representative: Madderns Pty Ltd, GPO Box
2752, Adelaide SA 5001,
Australia

RFX

1674172 11/04/2022

Class 7. Exhaust manifolds for engines; exhaust silencers for engines; exhausts for motors and engines; freight elevators for two-wheeled vehicles.

Class 9. Apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling the distribution or use of electricity; apparatus and instruments for recording,

transmitting, reproducing or processing sound, images or data; speedometers for bicycles; digital panel meters; dashboard cameras; electric accumulators for vehicles; electronic apparatus for global positioning systems [GPS]; electronic key cards; automatic indicators of low pressure in pneumatic tires; vehicle fuel level indicators; vehicle oil level indicators; vehicle water level indicators; speed indicators; gauges; electric transmission cables; electric locks; electric call bells; electric relays; breakers (circuit breakers); portable electric cords; switches; chargers; fuses for vehicles; kilometer recorders for vehicles; vehicle breakdown warning lamps other than parts of vehicles.

RACE FX LIMITED, Rfx House Challenge Way,
Greenbank Technology Park, Blackburn, Lancashire
BB1 5QB, United Kingdom

Representative: Calysta NV, Lambroekstraat
5A, Diegem, B-1831, Belgium

DRYVIT

1690841 06/09/2022

- Class 1. Adhesive used for bonding insulation board to exterior wall surfaces; adhesives for applying exterior wall surfaces.
- Class 2. Interior and exterior surface coating for buildings; commercial and residential textured finish, namely, acrylic latex interior and exterior wall surface coatings; liquid rolled-on textured paint for use as an interior and

exterior wall covering; finish coating for application to plaster or cement building walls; acrylic-based, textured, ornamental and protective coating for application to masonry interior and exterior wall surfaces; acrylic resin based coatings for interior walls; water-based acrylic coating for painted masonry exterior building walls; coatings, namely, architectural interior and exterior finishes for use on building walls; coatings, namely, protective finish for stucco walls; coatings in the nature of acrylic finish for exterior walls of buildings; coatings, namely, cementitious base coat for application over insulating board and reinforcing mesh in wall systems for buildings; textured protective and decorative coating for application to the exterior surface of building walls; finish coating for application to the exterior surface of building walls; coatings, namely, acrylic polymer-based, trowelable, protective and ornamental finish for building wall surfaces; coatings, namely, bed coat used to make stone aggregate finish for exterior building walls; coatings, namely, underlying base coat for protective and ornamental finishes for exterior building walls; coatings in the nature of an adhesive air-barrier base coat for exterior building wall panels.

- Class 17. Insulation material sold in sheet and board form for application to exterior surfaces of a building; exterior wall systems for buildings comprising insulation board, mechanical fasteners, reinforcing mesh, a polymeric base coat, and an acrylic-based finish, all sold as a unit;

exterior wall system for buildings, comprising insulation board, reinforcing mesh, mechanical fasteners, namely, screws and pins, polymeric base coat and textured ornamental and protective finish.

Class 19. Fabric-like layer in sheet form made primarily of fiberglass used in the formulation of a wall surface for buildings, and modular boards sold as a unit therewith; layer of a hard cementitious material used as an impact absorbing layer in the formulation of an exterior wall surface for buildings; building materials not of metal, namely, ready-made sills, cornices, columns, pilasters, trims, arches, corbels, dentils, and other decorative shapes.

Priority Date Claimed: 29 April 2022 United States of America

Tremco CPG Inc., 3735 Green Road, Beachwood OH 44122, United States of America

Representative: Raymond Rundelli Calfee, Halter & Griswold LLP, 1405 East Sixth Street, The Calfee Building, Cleveland OH 44114, United States of America

Address for service: FRKelly, 27 Clyde Road, Ballsbridge, Dublin 4 D04 F838, Ireland

software for analyzing, organizing, consolidating, interpreting, reporting and sharing data as to the design and execution of experiments in the fields of chemistry and chemical biology and as to the results generated by such experiments; computer software for supporting the integration of data as to the design and execution of, and the results generated by, experiments in the fields of chemistry and chemical biology to hardware and software systems; none of the aforementioned goods being in relation to interconnecting, managing and operating local and wide area networks, including local area network (lan) switches.

Class 42. Application service provider, namely developing and maintaining computer software in the fields of chemistry and chemical biology that may be downloaded from a central computer server and provided on media, namely, CDs, CDRoms, DVDs, MP3s, mini-discs, magnetic data carriers; Application service provider, namely hosting of software in the fields of chemistry and chemical biology on a global computer network for others; Software as a service (SAAS), namely providing computer software for designing, planning and executing experiments in the fields of chemistry and chemical biology; Software as a service (SAAS), namely providing computer software for analyzing, organizing, consolidating, interpreting, reporting and sharing data as to the design and execution of experiments in the fields of chemistry and chemical biology and as to the results generated by such experiments; Software as a

KATALYST D2D

1691118 11/08/2022

Class 9. Computer software for designing, planning and executing experiments in the fields of chemistry and chemical biology; computer

service (SAAS), namely providing computer software for supporting the integration of data as to the design and execution of, and the results generated by, experiments in the fields of chemistry and chemical biology to hardware and software systems; none of the aforementioned services being in relation to interconnecting, managing and operating local and wide area networks, including local area network (lan) switches.

Advanced Chemistry Development UK Ltd, 5 New Street Square, London EC4A 3TW, United Kingdom

Notings: The request for protection is proceeding with the consent of the applicants of European Union Trade Mark No 018284697.

Representative: Dentons UK and Middle East LLP, One Fleet Place, London EC4M 7WS, United Kingdom

Address for service: Donnacha Egan, Dentons Ireland LLP, 20 Kildare Street, Dublin 2, Ireland

CORAL WORLD

1702824 18/10/2022

Class 39. Land, water and air transport services; rental of land, water or air vehicles; arranging of tours; travel reservation; issuing of tickets for travel; courier services (messages or merchandise); car parking; garage rental; boat storage; transport by pipeline; electricity distribution; water supplying; rescue operations for vehicles and goods; storage, wrapping and

packaging of goods; transport and storage of trash; transport and storage of waste.

Class 43. Services for providing food and drink; temporary accommodation; reservation of temporary accommodation; rental of rooms for wedding ceremonies; providing rooms for conferences and various meetings; day-nurseries (crèches); boarding for animals.

ODEON TURIZM ISLETMECILIGI ANONIM SIRKETI, ERGENEKON MAH. CUMHURİYET CAD., EFSEER HAN 181 4 Sisli, Istanbul, Türkiye

Representative: Büsra PEKHAMARAT SARAÇ, Etiler Mah. 829 SK. A Plaza 3/104, Ofis No:11 Muratpasa, ANTALYA, Türkiye



1703756 18/10/2022

Class 39. Land, water and air transport services; rental of land, water or air vehicles; arranging of tours; travel reservation; issuing of tickets for travel; courier services (messages or merchandise); car parking; garage rental; boat storage; transport by pipeline; electricity distribution; water supplying; rescue services for vehicles and goods; storage, wrapping and packaging of goods; transport and storage of trash; transport and storage of waste.

Class 43. Services for providing food and drink; temporary accommodation; reservation of temporary accommodation;

rental of rooms for wedding ceremonies; providing rooms for conferences and various meetings; day-nurseries (crèches); boarding for animals.

ODEON TURIZM ISLETMECİLİĞİ A.Ş.,
ERGENEKON MAH. CUMHURİYET CAD.,
EFSER HAN 181 4 Sisli, Istanbul, Türkiye

Colour Claimed: The colors of the lines in the circle: Coral Coral, Tint of Coral Amber, Coral Amber, Coral Orange, Tint of Coral Blue, Coral Cobalt; the color of the letters of "coraltravel" is Coral Blue., The colors of the lines in the circle are Pantone PMS 1505 C; 50% PMS 130 C; PMS 130; PMS Warm Red C; 60% PMS Process Blue C; PMS 307 C; the color of the letters of "coraltravel" is PMS Process Blue C.

Representative: Büsra PEKHAMARAT
SARAÇ, Etiler Mah. 829 SK. A
Plaza 3/104, Ofis No:11
Muratpasa, ANTALYA,
Türkiye

GODOLPHIN

1705323 31/01/2023

Class 44. Horse breeding and stud services; thoroughbred horse breeding and stud services.

Godolphin Management Co. Limited, The Main Office Dalham Hall Stud, Duchess Drive, Newmarket, Suffolk CB8 9HE, United Kingdom

Representative: Carpmals & Ransford LLP,
One Southampton Row, London
WC1B 5HA, United Kingdom

BRUSKO

1705536 18/08/2022

Class 25. Clothing; footwear; headwear.
Class 32. Beer; mineral and aerated waters and other non-alcoholic beverages; fruit beverages and fruit juices; syrups and other preparations for making beverages.
Class 34. Flavourings, other than essential oils, for use in electronic cigarettes; cigarettes containing tobacco substitutes, not for medical purposes; liquid solutions for use in electronic cigarettes; electronic cigarettes.
Class 35. Advertising; business management and organization consultancy; business management assistance; advisory services for business management.

Venyaminov Alexey Nikolaevich, Novo-Sadovaya st., 287, apt. 16, RU-443011 Samara, Samara region, Russian Federation

Representative: Aladashvili Iza Davidovna, st. Gavrilova P.M., 27/1, apt. 249, RU-350020 Krasnodar, Russian Federation



1708213 02/12/2022

Class 41. Educational services, namely, providing continuing professional education courses in the fields of crisis

prevention and crisis management training, namely, providing training, for the purpose of certification, in the areas of dementia care, preventing conflicts between individuals from escalating into violence, therapeutically managing individuals to prevent injury, resolving work place and school room disputes, and the improving of patient care, and providing printed instructional materials in connection therewith.

Priority Date Claimed: 27 October 2022 United States of America

Crisis Prevention Institute, Inc., 10850 W. Park Place, Suite 250, Milwaukee WI 53224, United States of America

Representative: Daniel E. Kattman Reinhart
Boerner Van Deuren s.c., 1000
N Water Street, Milwaukee WI
53202, United States of
America



The logo for ActivumSG VENTURES features the word "ActivumSG" in a blue, serif font with a small crown-like symbol above the 'i'. Below it, the word "VENTURES" is written in a bold, orange, sans-serif font.

1708378 28/11/2022

Class 35. Business management; business administration; business consultancy and advisory services; business management and organization consultancy; provision of assistance [business] in the establishment of companies; business planning services; conducting of business appraisals and evaluations, business relocations and reorganisations; commercial services, namely clerical services, intermediary

services, organizing of business contacts; business analysis, research and information services; collecting and systemizing information for businesses on a computer data bases; data processing; advertising, marketing and promotional services.

Class 36. Finance services; investment services, including investment banking; fund investment services; investment management; capital investment brokerage; mutual funds; finance services, including venture capital financing; providing financial information; financial consultancy; monetary affairs; securities and commodities trading services; loan and credit, and lease-finance services; investment consultancy; financial management; arranging of company shares; financing and arranging the provision of equity capital for the establishment of companies and/or for the acquisition or realisation of company shares; asset and investment fund management; financial information, data advice and consultancy services, including financial rating and provision of credit reports, financial appraisal services, valuation services; financial planning services; financial transfers and transactions, and payment services; fundraising and financial sponsorship; real estate affairs; real estate financing; real estate investment; real estate investment advice; capital investment in real estate; financial management and escrow services of real estate; property portfolio management; real estate fund management; real estate fund investment services; investment transactions

relating to real estate funds; arranging investments in real estate funds; financing services for securing real estate funds; development of real estate investment portfolios; insurance underwriting.

Priority Date Claimed: 28 June 2022 Germany

Activum SG Capital Management Limited, Ordnance House, 31, Pier Road, JE4 8PW, St. Helier, Jersey, Jersey

Colour Claimed: Grey, orange.

Representative: SKW Schwarz Rechtsanwälte Steuerberater Wirtschaftsprüfer Partnerschaft mbB, Kurfürstendamm 21, 10719 Berlin, Germany

conferencing and interface; downloadable computer software for processing payment, point-of-sale and ecommerce transactions; computer hardware, video equipment, computer screens, microphones and audio speakers.

Class 41. Training and certification services, namely, providing webinars, classes, seminars and training in the field of remote work and customer service; providing non-downloadable training videos in the field of remote work and customer service.

Class 42. Providing online non-downloadable computer software for remote order processing; providing online non-downloadable computer software providing an interface between remote employees and onsite staff; providing online non-downloadable computer software used to process drive-through, online, and pickup orders; providing online non-downloadable computer software used by employees and contractors to access and schedule available work shifts; providing online non-downloadable computer software providing remote workers the ability to select from a multiple employers and available work schedules; providing online non-downloadable computer software for employee skill training and testing; providing online non-downloadable computer software for video conferencing and interface; providing online non-downloadable computer software for processing payment, point-of-sale and ecommerce transactions.

Priority Date Claimed: 13 June 2022 United States of America

BITE NINJA

1708483 12/12/2022

Class 9. Downloadable computer software for remote order processing; downloadable computer software providing an interface between remote employees and onsite staff; downloadable computer software used to process drive-through, online, and pickup orders; downloadable computer software used by employees and contractors to access and schedule available work shifts; downloadable computer software providing remote workers the ability to select from a multiple employers and available work schedules; downloadable computer software for employee skill training and testing; downloadable computer software for video

Bite Ninja, Inc., 7251 Appling Farms Pkwy, Memphis
TN 38133, United States of America

Representative: Grace Han Stanton Perkins Coie
LLP, P.O. Box 2608, Seattle
WA 98111, United States of
America



1708638 28/11/2022

Class 35. Advertising; business management, organization and administration; office functions; recruitment services; personnel recruitment; employment recruitment; recruitment advertising; professional recruitment services; recruitment consultancy services; business recruitment consultancy; office support staff recruitment services; advisory services relating to personnel recruitment; providing information relating to personnel recruitment; talent agency services; recruitment consultants in the digital and technology field; recruitment consultants in the life sciences field; recruitment consultants in the IT field; recruitment consultants in the legal and compliance fields; management advice relating to the recruitment of staff; recruitment of executive staff; digital recruitment agency services; providing knowledge and expertise in the field of digital recruitment; providing knowledge and expertise in the field of legal and compliance recruitment; providing knowledge and expertise in the field of risk

management recruitment; providing knowledge and expertise in the field of accounting and finance recruitment; providing knowledge and expertise in the field of information and cyber security recruitment; providing knowledge and expertise in the field of front office recruitment; providing knowledge and expertise in the field of life sciences recruitment; recruitment of life sciences staff; recruitment of IT staff; recruitment of digital and technology staff; recruitment of general office staff; recruitment of legal and compliance staff; recruiting contract, interim and permanent staff in the digital and technology field for roles relating to data, design, marketing and sales, product management and software engineering; recruiting contract, interim and permanent staff in the business management and legal and compliance fields for roles relating to compliance and financial crime, risk and resilience, accounting, finance and auditing, information security and cyber security and front office; recruiting contract, interim and permanent staff in the life sciences field for roles relating to quality, engineering and construction, commissioning, qualification and validation, technical operations, regulatory, research and development, clinical, medical and drug safety, commercial, digital health and data science and AI; recruitment services, including such services provided online from a computer database or the internet; employment agency services, including such services provided online from a computer database or the

internet; provision of advertisements relating to jobs; workforce management services; human resource consulting; research and analysis in the field of recruitment and human resources; staff recruitment and outsourcing services; contract staff recruitment services; business consultation services in the fields of personnel management, placement and relocation; employee attraction, retention and analysis programmes.

Priority Date Claimed: 27 July 2022 United Kingdom

Trinnovo Group Ltd, 16 St John's Lane, London EC1M 4BS, United Kingdom

Representative: ip21 Limited, Suite 2, The Old Dairy, Elm Farm Business Park, Wymondham, Norwich NR18 0SW, United Kingdom



1709987 05/10/2022

Class 9. Operating computer software for main frame computers; monitors (computer hardware); computer hardware; apparatus for recording images; monitors (computer programs);

computer game programs; recorded computer game programs; apparatus for recording, transmission or reproduction of sound or images; communications servers (computer hardware); electronic components for gambling machines; computer application software featuring games and gaming; computer software for the administration of on-line games and gaming; computer hardware for games and gaming; hardware and software for gambling, gambling machines, gambling games on the Internet and via telecommunication network; computer systems; computer operating system software; computer terminals; interactive terminals; multimedia terminals; electronic terminals for generating lottery tickets; interactive touch screen terminals; computer touchscreens; electronic display panels; liquid crystal display screens; digital signage display panels; multimedia software; multimedia apparatus and instruments; interactive multimedia software for playing games; computer screens; LCD large-screen displays; liquid crystal displays [LCDs] for home theatres; media streaming software; computer application software for streaming audio-visual media content via the Internet; software; computer gaming software; computer software packages; computer operating system software; computer software, recorded; software drivers; virtual reality software; games software; entertainment software for computer games; computer programs for network management; electronic

- lottery tickets; computer software platforms; operating systems; interactive computer systems; operating system programs; computer game software for use with on-line interactive games; interactive casino games provided through a computer or mobile platform; software for slot machines, betting software, software for video slot games, for casino games, for gambling and bingo games, provided online or through computer networks and that can be played on any type of computer device, including arcade games, personal computers, portable devices and mobile phones.
- Class 28. Gaming machines for gambling; chips for gambling; mah-jong; arcade games; gambling machines operating with coins, notes and cards; games; electronic games; parlor games; gaming chips; gaming tables; slot machines [gaming machines]; LCD game machines; slot machines and gaming devices; coin-operated amusement machines; roulette chips; poker chips; chips and dice [gaming equipment]; gaming equipment for casinos; roulette tables; gaming roulette wheels; casino games; gambling machines and amusement machines, automatic and coin-operated; coin-operated amusement machines and/or electronic coin-operated amusement machines with or without the possibility of gain; boxes for coin-operated amusement machines, slot machines and gaming machines; electronic or electrotechnical amusement machines and apparatus, gaming machines, coin-operated entertainment machines; housings for coin-operated amusement machines, gaming equipment, gaming machines, machines for gambling; electropneumatic and electrical gambling machines (slot machines); lottery games; electronic targets for games and sports.
- Class 41. Gambling services; gaming services for entertainment purposes; casino, gaming and gambling services; training in the development of software systems; provision of gaming equipment for gambling halls; providing casino equipment [gambling]; gaming machine entertainment services; providing casino facilities [gambling]; gaming hall services; games equipment rental; rental of gaming machines; providing amusement arcade services; rental of gaming machines with images of fruits; editing or recording of sounds and images; sound recording and video entertainment services; hire of sound reproducing apparatus; provision of gaming equipment for casinos; providing of gambling facilities; online gambling services; casino services; provision of gaming facilities and gaming hall facilities, Internet casinos and online gambling services; lottery services; organization of lotteries; provision of games by means of a computer based system; online interactive entertainment; on-line casino services; online game services through mobile devices; providing online entertainment in the nature of game tournaments; providing on-line information in the field of computer gaming entertainment; sports betting services; online sports betting services; providing online games and games of chance; entertainment services related to gambling.

Priority Date Claimed: 08 April 2022 Bulgaria

Euro Games Technology Ltd., 4, "Maritsa" Str., "Vranya-Lozen-Triugulnika", BG-1151 Sofia, Bulgaria

Colour Claimed: Green, dark green, light green, black, gray, white, gold and yellow.

Representative: KOSTADIN MANEV, MANEV AND PARTNERS, 73, Patriarh Evtimii Blvd. Floor 1, BG-1463 SOFIA, Bulgaria



1710185 05/10/2022

Class 9. Operating computer software for main frame computers; monitors (computer hardware); computer hardware; apparatus for recording images; monitors (computer programs); computer game programs; recorded computer game programs; apparatus for recording, transmission or reproduction of sound or images; communications servers (computer hardware); electronic components for gambling machines; computer application software featuring games and gaming; computer software for the administration of on-line games and gaming; computer hardware for games and gaming; hardware and software for gambling, gambling machines, gambling

games on the Internet and via telecommunication network; computer systems; computer operating system software; computer terminals; interactive terminals; multimedia terminals; electronic terminals for generating lottery tickets; interactive touch screen terminals; computer touchscreens; electronic display panels; liquid crystal display screens; digital signage display panels; multimedia software; multimedia apparatus and instruments; interactive multimedia software for playing games; computer screens; LCD large-screen displays; liquid crystal displays [LCDs] for home theatres; media streaming software; computer application software for streaming audio-visual media content via the Internet; software; computer gaming software; computer software packages; computer operating system software; computer software, recorded; software drivers; virtual reality software; games software; entertainment software for computer games; computer programs for network management; electronic lottery tickets; computer software platforms; operating systems; interactive computer systems; operating system programs; computer game software for use with on-line interactive games; interactive casino games provided through a computer or mobile platform; software for slot machines, betting software, software for video slot games, for casino games, for gambling and bingo games, provided online or through computer networks and that can be played on any type of computer device, including

| | | |
|-----------|--|---|
| | arcade games, personal computers, portable devices and mobile phones. | |
| Class 28. | Gaming machines for gambling; chips for gambling; mah-jong; arcade games; gambling machines operating with coins, notes and cards; games; electronic games; parlor games; gaming chips; gaming tables; slot machines [gaming machines]; LCD game machines; slot machines and gaming devices; coin-operated amusement machines; roulette chips; poker chips; chips and dice [gaming equipment]; gaming equipment for casinos; roulette tables; gaming roulette wheels; casino games; gambling machines and amusement machines, automatic and coin-operated; coin-operated amusement machines and/or electronic coin-operated amusement machines with or without the possibility of gain; boxes for coin-operated amusement machines, slot machines and gaming machines; electronic or electrotechnical amusement machines and apparatus, gaming machines, coin-operated entertainment machines; housings for coin-operated amusement machines, gaming equipment, gaming machines, machines for gambling; electropneumatic and electrical gambling machines (slot machines); lottery games; electronic targets for games and sports. | [gambling]; gaming hall services; games equipment rental; rental of gaming machines; providing amusement arcade services; rental of gaming machines with images of fruits; editing or recording of sounds and images; sound recording and video entertainment services; hire of sound reproducing apparatus; provision of gaming equipment for casinos; providing of gambling facilities; online gambling services; casino services; provision of gaming facilities and gaming hall facilities, Internet casinos and online gambling services; lottery services; organization of lotteries; provision of games by means of a computer based system; online interactive entertainment; on-line casino services; online game services through mobile devices; providing online entertainment in the nature of game tournaments; providing on-line information in the field of computer gaming entertainment; sports betting services; online sports betting services; providing online games and games of chance; entertainment services related to gambling. |
| Class 41. | Gambling services; gaming services for entertainment purposes; casino, gaming and gambling services; training in the development of software systems; provision of gaming equipment for gambling halls; providing casino equipment [gambling]; gaming machine entertainment services; providing casino facilities | <p>Priority Date Claimed: 08 April 2022 Bulgaria</p> <p>Euro Games Technology Ltd., 4, "Maritsa" Str., "Vranya-Lozen-Triugulnika", BG-1151 Sofia, Bulgaria</p> <p>Colour Claimed: Yellow, orange and red., Yellow, orange, red - for the word and figurative elements.</p> <p>Representative: KOSTADIN MANEV, MANEV AND PARTNERS, 73, Patriarh Evtimii Blvd. Floor 1, BG-1463 SOFIA, Bulgaria</p> |

REFRAME

1711580 16/12/2022

Class 44. Healthcare; medical services; monitoring of patients; providing medical support in the monitoring of patients receiving medical treatments; medical information services; medical treatment services; medical assistance services; emergency medical assistance.

Class 45. Alarm monitoring services; provision of emotional support to families; providing personal support services for families of patients with life threatening disorders; providing personal support services for cancer patients and their families; health and safety risk management; consultancy services relating to health and safety.

Harley Street Concierge Ltd, Regent House, 316
Beulah Hill, London SE19 3HF, United Kingdom

Representative: Hybrid Legal Limited, Hursley
Park Road, Hursley,
WINCHESTER, Hampshire
SO21 2JN, United Kingdom

NO ORDINARY

1711851 21/10/2022

Class 3. Pre-impregnated cleansing disposable wipes for industrial and commercial use.

Class 5. Articles impregnated with disinfectant or antibacterial products; articles impregnated with an antiseptic product;

antiseptic preparations; antibacterial preparations; cloths, wipes, tissues and sponges impregnated with disinfectant; impregnated antiseptic wipes; sanitizing wipes; biological and diagnostic preparations and substances, all for medical and pharmaceutical purposes; kits consisting of biological and/or diagnostic reagents for medical and pharmaceutical research use; first aid kits.

Class 9. Protective clothing; body armour; articles of clothing for protection against accident and injury; filters for respiratory masks; welding helmets; bullet-proof vests; protective helmets for sports; protective helmets; protective suits; bullet-proof jackets; protective masks; protective footwear; footwear for protection against accidents, radiation and fire; protective workwear; clothing for protection against accidents, irradiation and fire; fireproof garments; clothing especially made for laboratories; protective goggles; anti-glare glasses; face protection shields and protective glass for welding helmets and for face protection shields; gloves for protection against accidents; personal security apparatus; personal protection equipment.

Class 10. Testing apparatus for medical purposes; medical testing and analysing apparatus; apparatus for analysing substances for medical use; apparatus for carrying out diagnostic tests for medical purposes; diagnostic test kits; diagnostic instruments for medical use; medical gloves; medical examination gloves; gloves for medical use; gloves for medical purposes; gloves for medical examination; surgical gloves; gloves for massage; gloves for dental use; gloves

- for veterinary use; protective clothing for medical purposes; medical test kits; testing instruments for medical diagnostic purposes; medical testing instruments.
- Class 35. Business consultancy; business information; business appraisal services; evaluations relating to commercial matter; business data analysis; consultancy relating to business processes; business networking services; professional business consultancy in connection with logistics; arranging of contracts, for others, for the provision of logistic services; information, advisory and consultancy services relating to the aforesaid.
- Class 39. Logistics in the transport sector; advisory and consultancy in the field of transportation logistics; assumption of logistic services in the transport sector for others; information, advisory and consultancy services relating to the aforesaid.
- Class 42. Scientific and technological research; industrial analysis; quality control and authentication services; quality control checking and certification; testing services for the certification and quality of standards; consultancy relating to quality control; product analysis and appraisal; technical planning and development of warehouses and trans-shipment warehouses and technical consultancy in connection with the planning and development of storage facilities; technical consultancy in relation to information technology; information, advisory and consultancy services relating to the aforesaid.
- Class 45. Regulatory compliance auditing; legal compliance

auditing; consultation in relation to data protection compliance; reviewing standards and practices to ensure compliance with laws and regulations; information, advisory and consultancy services relating to the aforesaid.

Priority Date Claimed: 14 September 2022 United Kingdom

Yradiant Global Pty Ltd., Level 1, 8 Khartoum Road, Macquarie Park NSW 2113, Australia

Representative: Withers & Rogers LLP, 2 London Bridge, London SE1 9RA, United Kingdom

FunSicle

1712112 05/08/2022

- Class 7. Swimming pool pumps.
- Class 11. Underwater pool lights; lighting fixtures; swimming pool filters and filtration media sold as a unit; swimming pool water sanitization devices, namely chlorine generators, copper ionizers, and ozone generators; all sold alone and in combination for use in swimming pools.
- Class 17. Non-metallic hoses.
- Class 19. Non-metal swimming pools; fitted swimming pool covers; non-metal swimming pools, covers fitted for swimming pools, all sold as a unit; readily erectable and fillable above-ground, non-metal swimming pools.
- Class 28. Inflatable pools for recreational use; play swimming pools; inflatable

toys for swimming pools; inflatable toys; inflatable ride-on toys; inflatable inner tubes for aquatic recreational use; inflatable float mattresses and pads for recreational use; swim floats for recreational use; inflatable toy water slides; water slides; inflatable toy boats; floating recreational lounge chairs; amusement products, namely, beach balls and inflatable balls not for exercise use; inflatable games for swimming pools; swimming aids, namely, arm floats for recreational use; punching toys; inflatable punching toys; inflatable mats for aquatic recreational use; inflatable rafts for aquatic recreational use; portable inflatable pools for recreational use; inflatable play centers and activity centers.

Priority Date Claimed: 27 July 2022 United States of America

Belgravia Wood Limited, Wickhams Cay II, Vistra Corporate Services Centre, Road Town, Tortola VG1110, Virgin Islands (British)

Representative: Austin Padgett Troutman
Pepper Hamilton Sanders LLP,
600 Peachtree St. NE, Suite
3000, Atlanta GA 30308,
United States of America

LITTLE SINS

1712334 17/01/2023

Class 30. Sweetmeats [candy].

Louis Janssens Holding B.V., Deltahoek 110, NL-4511 PA Breskens, The Netherlands

Representative: Novagraaf Nederland B.V.,
Hoogoordreef 5, NL-1101 BA
Amsterdam, The Netherlands



1712939 26/08/2022

Class 9. Electric cable; electric line; instruments for transforming electricity; sensor; voltage regulator; fuse; transformer; distribution box; current collector; insulated tubular bus-bar.

Dalian No.1 Instrument Transformer Co., Ltd., No.29, Haiwan Road, Pulandian District, Dalian City, Liaoning, China

Representative: Houze Zhengdao (Beijing)
brand consulting Co., Ltd,
701A1, unit 1, building 5, yard
6, Chama street, Beijing, China



1713042 16/11/2022

- Class 3. Aftershave lotions; antiperspirant soap; bleaching salts; bleaching soda; boot polish; cleaning chalk; cleaning preparations; color removal preparations; cosmetic kits; cosmetics; teeth whitening gels; deodorant soap; cologne; dry cleaning preparations; floor wax; laundry bleach; laundry bleaching products; laundry scrubbing products; laundry starch; laundry wax; whitening preparations for cosmetic and household purposes; skin whitening preparations; perfumes; polishing creams; polishing paper; polishing preparations; polishing stones; polishing wax; shampoos; shaving preparations; shaving soap; stain remover soap; sun protection preparations; toiletries; washing preparations.

Priority Date Claimed: 31 May 2022 Romania

SC PGS GLOBAL TRADING SRL, Str. Aurel Persu Nr. 132-158, P.17, Sector 4, Bucuresti, Romania

Colour Claimed: Red (Pantone 485C), green (Pantone 361C) and white., The name, stylized leaf.

Representative: Cabinet de proprietate industrială BIONPI - - Ion Rodica- Cocuta, Ap.50, Et.9, Bl.8, Calea Dorobantilor 126-130, Sector 1, 010577 Bucuresti, Romania



平步电机

1713446 24/10/2022

- Class 7. Dual-purpose peeling and shelling machines; dishwashers; machines for pharmaceutical processing industry; wind-powered installations for generating electricity; hand-held tools, other than hand-operated; electrostatic industrial equipment; gas separating installations; motors, electric, other than for land vehicles; motors, other than for land vehicles; driving motors, other than for land vehicles; blowing machines; air suction machines; blowing machines for the compression, sucking and carrying of grain; blowing machines for the compression, exhaustion and transport of gases; centrifugal machines; suction machines for industrial purposes; curtain drawing devices, electrically operated; filter presses; 3D printers.
- Class 11. Light bulbs; curling lamps; germicidal lamps for purifying air; lights for vehicles; lava rocks for use in barbecue grills; cooking utensils, electric; freezers; air-conditioning apparatus; air-conditioning installations; air dryers; glass fiber-reinforced plastic axial flow blowers for air-conditioning; fans [parts of

air-conditioning installations]; gas scrubbing apparatus; extractor hoods for kitchens; air sterilizers; ventilation [air-conditioning] installations for vehicles; humidifiers; electric hair dryers used to dry animal hair; stage fog machines; water heaters; water purification installations; radiators, electric.

PBM Motor and Fan(Suzhou) Co., Ltd., Room 807, Building 1, Yineng Science Park, No.69 Weixin Road, Suzhou Industrial Park, 215000 Jiangsu Province, China

Notings: Transliteration of the mark: PING BU DIAN JI. Translation of the mark: Flat step motor.

Representative: Suzhou Shunjie Intellectual Property Agent Co.,LTD., Room. 3225, Building B Citylife Plaza, No.251 Pinglong Road, Gusu District, Suzhou City, Jiangsu Province, China



1714057 03/08/2022

Class 5. Dietetic food and substances for medical or veterinary use; preparations for health care, including tonics and fortifiers; pharmaceutical products and substances as well as preparations for health care, in particular with whey; medicated skin care preparations, in particular with whey; dietetic substances consisting of vitamins, minerals, amino acids and trace elements; powdered milk for babies; foodstuffs for infants; dietary supplements for humans and animals;

protein food supplements; milk sugar for pharmaceutical use; beverages used as dietary supplements; dietetic beverages for medical use; beverages for diabetics based on fruit juices for medical use; powdered almond milk used for preparing beverages, especially for bottle feeding foods for young children; powdered fruit-flavored mixtures for beverages for use as dietary supplements; beverages fortified with nutrients; beverages enriched with vitamins for medical use; nutritional mixtures in the form of beverages used as meal replacements; meal replacement bars for medical use.

Class 29. Milk and dairy products; powdered milk; cream powder; buttermilk; powdered buttermilk; ghee; almond milk; almond milk for culinary use; processed almonds; peanut milk; peanut milk for food; coconut-milk-based beverages; coconut fat; almond-milk-based beverages; compotes; beverages consisting primarily of milk; coconut milk powder; coconut milk powder; dairy substitutes; creamers for coffee which can be used for other beverages; milk-based beverages containing fruits; milk-based beverages containing fruit juice; beverages principally based on milk, in particular with whey; unsweetened condensed milk; rice milk; soy milk; milkshakes; beverages principally based on milk, in particular with whey; beverages principally based on milk, flavored beverages principally based on milk (principally containing milk); powdered cream, milk and milk protein, for food; fruit bars, with added fruits and cereals,

| | | |
|-----------|--|---|
| | <p>muesli, cereals, nuts and/or sugar; fruit-based snack food; lactic acid-bacteria based beverages; powdered milk fat; edible fat substitute; whey; cocoa butter for food; vegetable fats for food; vegetable oils for food; edible fats, also in the nature of powder; powdered fat for food; sweetened condensed milk; plant and nut based substitutes for milk and dairy products, including but not limited to almond milk, soya milk, rice milk, oat milk, pea milk, cashew milk, hazelnut milk, peanut milk, coconut milk, hemp milk; vegetable-based meat substitutes; meat substitutes; cheese substitutes.</p> | |
| Class 30. | <p>Flour and cereal preparations; cereal-based snack food, dried cereal flakes; savory biscuits [pastry]; biscuits and cookies; biscuits, chocolate beverages with milk; chocolate, chocolate beverages; dietetic foods and products for non-medical use, principally consisting of coffee; tea, cocoa, chocolate; rice, tapioca, sago, flour and preparations based on cereals and dried cereal flakes; chocolate including vegan chocolate without milk and chocolate confectionery.</p> | <p>commercial administration; office functions; retail and wholesale of cosmetics, in particular with whey, cosmetic products for body care and beauty care, in particular with whey, perfumery products, essential oils, oils, shower creams and gels, in particular with whey, shampoos, in particular with whey, baby shampoos, in particular with whey, shower and bath foams, in particular with whey, bath creams, in particular with whey, creams, oils, lotions, sprays, pencils and balms for cosmetic use, in particular with whey, dietetic food and substances for medical or veterinary use, preparations for health care, including tonics and fortifiers, pharmaceutical products and substances as well as preparations for health care, in particular with whey, medicated skin care preparations, in particular with whey, dietetic substances consisting of vitamins, minerals, amino acids and trace elements, powdered milk for babies, food for infants, dietary supplements for humans and animals, protein dietary supplements, milk sugar for pharmaceutical use, beverages used as dietary supplements, dietetic beverages for medical use, diabetic fruit juice based beverages for medical use, powdered fruit-flavored dietary supplement beverage mixes; retail and wholesale of nutrient enriched beverages, vitamin enriched beverages for medical use, nutritional mixes in the nature of beverages for use as meal replacements, meal replacement bars for medical use, milk and milk products, powdered milk, cream powder, buttermilk, buttermilk powder, ghee,</p> |
| Class 32. | <p>Beverages, fruit or vegetable smoothies, and other plant and fruit based flavored beverages and waters, especially almonds, soya, rice, oats, peas, cashew nuts, hazelnuts, peanuts, coconut and hemp; non-alcoholic beverages; preparations for making beverages; whey-based beverages; concentrates and powders used for preparing beverages; beverages, fruit or vegetable smoothies, and other plant and fruit based flavored beverages and waters (not being milk substitutes).</p> | |
| Class 35. | <p>Advertising; commercial business management;</p> | |

almond milk, almond milk for culinary use, processed almonds, peanut milk, peanut milk for culinary use, coconut milk-based beverages, coconut fat, almond milk-based beverages, compotes, beverages having principally a milk base, coconut milk powder, coconut milk powder, milk substitutes, coffee creamers that can be used for other beverages, milk-based beverages containing fruit, milk-based beverages containing fruit juices, beverages having principally a milk base, in particular with whey, beverages, smoothies, and other flavored waters and beverages made from plants and fruits, particularly almonds, soy, rice, oats, peas, cashews, hazelnuts, peanuts, coconut and hemp, unsweetened condensed milk, rice milk, soya milk, milk shakes, dairy-based beverages, in particular with whey, dairy-based beverages and flavored dairy-based beverages (principally containing milk), cream, milk powder and milk protein, for food; fruit bars, with added fruits and cereals, muesli, cereals, walnuts and/or sugar, fruit-based snack food, lactic acid bacteria-based beverages, milk fat powder, edible fat substitute, whey, cocoa butter, vegetable fats for food, vegetable oils for food, edible fats, also in the nature of powder, fat powder for food, sweetened condensed milk, plant and nut substitutes for milk and milk products, including, but not limited to almond milk, soya milk, rice milk, oat milk, pea milk, cashew milk, hazelnut milk, peanut milk, coconut milk, hemp milk, vegetable-based meat substitutes, meat substitutes, cheese substitutes, flour and preparations made

from cereals, cereal-based snack food, dried cereal flakes, salted biscuits [pastry], cookies [biscuits], chocolate beverages with milk, chocolate, chocolate beverages, dietetic foods and products for non-medical use, principally consisting of coffee, tea, cocoa, chocolate, rice, tapioca, sago, flour and preparations based on cereals and dried cereal flakes, chocolate including vegan chocolate without milk and chocolate confectionery, animal foodstuffs, milk-based foodstuffs for animals, animal food, foodstuffs and beverages for animals, non-alcoholic beverages, preparations for beverages, powdered almond milk for the preparation of beverages, particularly for infant feeding bottles, whey-based beverages, concentrates and powders used in the preparation of beverages, powders used in the preparation of whey-based beverages, beverages, smoothies, and other beverages and flavored waters based on plants and fruits [not as milk substitutes]; online mail order services for cosmetics, in particular with whey.

Priority Date Claimed: 03 February 2022 Switzerland

HOCHDORF Holding AG, Siedereistrasse 9, CH-6280 Hochdorf, Switzerland

Representative: Troller Hitz Troller,
Rechtsanwälte, Münsterstrasse
38, CH-3011 Bern, Switzerland

hookt Games

1715325 26/01/2023

Class 28. Board games; playing cards and card games; puzzles; table-top games.

Hookt Games LLC, 850 Twin Rivers Dr #1930, Columbus OH 43216, United States of America

LEDGER STAX

1715490 06/12/2022

Class 9. Peripheral devices with secure microprocessor for computers; data processing apparatus and equipment; downloadable electronic wallet.

Priority Date Claimed: 21 June 2022 France

LEDGER, 1 rue du Mail, F-75002 PARIS, France

Representative: TMARK CONSEILS, Monsieur Olivier THRIERR, 9 avenue Percier, F-75008 PARIS, France



1715535 17/08/2022

Class 25. Clothing, including underwear and outerclothing, other than special purpose protective clothing, socks; footwear; headgear.

MIRIM TEKSTIL İTHALAT İHRACAT SANAYİ VE TİCARET LİMİTED SİRKETİ, MİMAR KEMALETTİN MAH. AĞA ÇESMESİ SK., AKGÜN OTEL 2 B Fatih, İstanbul, Türkiye

Colour Claimed: Red and navy blue.

Representative: AYRINTI PATENT LİMİTED SİRKETİ, Barbaros Hayrettin Pasa Mh. 1988 Sk., Papatya 1 Residence No: 4 D: 144, ESENYURT, TR-34517 İSTANBUL, Türkiye



1715562 14/11/2022

Class 6. Metal casters; door handles of metal; window handles of metal; hinges of metal; metal latches; metal locks; metal keys for locks; metal rings for carrying keys; metal pulleys; metal pallets and metal ropes for lifting, loading and transportation purposes; metal hangers, ties, straps, tapes and

bands used for load-lifting and load-carrying; locks of metal for vehicles; hinges of metal for vehicles.

Class 12. Motor vehicles for locomotion by land including motorcycles and mopeds; vehicle bodies; dump bodies; tractor trailers; refrigerated trailers; trailer couplings; tipping bodies for for vehicles, tipping bodies for trucks; trailers for tractors; frigorific bodies for land vehicles; trailer hitches for vehicles; tippers for vehicles; doors for vehicles; anti-skid chains for vehicles; brake blocks for land vehicles.

NEVPA ALÜMİNYUM PLASTİK OTOMOTİV KARSERI EKİPMANLARI SANAYİ VE TİCARET LİMİTED SİRKETİ, AYDINLI - BİRLİK OSB MAH., 5. SK. 2 /4 1 Tuzla, İstanbul, Türkiye

Colour Claimed: ; Yellow and dark blue.

Representative: SEMRA BAYKAN / HEDEF PATENT BELGELENDİRME EĞİTİM VE DAN.HİZM.LTD.STİ., İHSANIYE MAH. KARTALLAR SOK., ATALAY 6 SİT A BLOK, KAT:7 DAİRE: 14 NİLUFER, BURSA, Türkiye

International Trade Marks protected in the State

0781464 (2477) Cl. 5, 9, 16, 41, 44
Wittlinger Therapiezentrum GmbH of Austria

1487746 (2469) Cl. 9, 42
BackOffice Associates, LLC. of United States of America

1488149 (2478) Cl. 28, 35, 38, 41, 42, 45
Bumble Holding Limited of United Kingdom

1505642 (2478) Cl. 36

Compassion International, Inc. of United States of America

1547547 (2477) Cl. 3, 8, 21, 35, 41, 44
Kuznetsov Ilya Sergeevich of Russian Federation

1649381 (2477) Cl. 3, 9, 12, 14, 16, 18, 20, 21, 24, 25, 26, 27, 28, 33, 35, 36
Ark Technologies Pty Ltd of Australia

1649464 (2478) Cl. 5, 29, 30, 32, 33, 35

Dirtea Limited of United Kingdom

1649498 (2478) Cl. 9
DAICHI Limited Liability Company of Russian Federation

1650393 (2473) Cl. 39
HANJIN KAL CORP. of Republic of Korea

1652453 (2473) Cl. 39
HANJIN KAL CORP. of Republic of Korea

1654722 (2478) Cl. 3, 5, 35
"BEVERLee Club" Limited Liability Partnership (KZ) of Kazakhstan

1659674 (2477) Cl. 1, 6, 7, 8
Xiamen Golden Egret Special Alloy Co., Ltd. of China

1673151 (2477) Cl. 3, 5, 30, 35
Feelgood Shop B.V. of The Netherlands

1677709 (2477) Cl. 9, 37
Lucy Group Ltd of United Kingdom

1678500 (2477) Cl. 39
Eastern Air Logistics Co., Ltd. of China

1678502 (2477) Cl. 3, 9, 14, 16, 18, 24, 25, 30, 34, 43
LOUIS VUITTON MALLETIER of France

1678503 (2477) Cl. 3, 14, 16, 18, 24, 25, 30, 34, 43
LOUIS VUITTON MALLETIER of France

1678959 (2477) Cl. 3, 9, 14, 16, 18, 24, 25, 30, 34, 43
LOUIS VUITTON MALLETIER of France

1678990 (2477) Cl. 16, 39, 40, 42

PRINTBOX SPÓLKA Z OGRANICZONA
ODPOWIEDZIALNOSCIA SPÓLKA
KOMANDYTOWA of Poland

1679015 (2477) Cl. 44

RIT ADVANCED ORAL CARE LIMITED of
United Kingdom

1679026 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1679106 (2477) Cl. 25
FUZHOU RAINBOWTEX GARMENTS
CO.,LTD. of China

1679122 (2477) Cl. 19
LAFARGE CIMENTS DISTRIBUTION of
France

1679147 (2477) Cl. 29
Perfetti Van Melle Benelux B.V. of The
Netherlands

1679153 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1679162 (2477) Cl. 32
Perfetti Van Melle Benelux B.V. of The
Netherlands

1679165 (2477) Cl. 12
Shenzhen City Heng Zhi He Technology Co.
Ltd of China

1679657 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1679953 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1679954 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1679957 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1680198 (2477) Cl. 7, 9, 12
Hengdian Group DMEGC Magnetics Co., Ltd.
of China

1680563 (2477) Cl. 18, 25, 35
TEDDY S.P.A. of Italy

1680641 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1680865 (2477) Cl. 39

China Cargo Airlines Ltd. of China

1684417 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1684623 (2477) Cl. 3
Zhejiang Haomai Technology Co., Ltd. of
China

1685151 (2477) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1685559 (2477) Cl. 5
HANGZHOU ALLTEST BIOTECH CO.,
LTD. of China

1685714 (2477) Cl. 9, 37, 42
ZT Group Int'l, Inc. of United States of
America

1685736 (2477) Cl. 41
American Migraine Foundation, Inc. of United
States of America

1685872 (2478) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1685940 (2478) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1686424 (2478) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1686544 (2478) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1686545 (2478) Cl. 9, 28, 41
Euro Games Technology Ltd. of Bulgaria

1689299 (2478) Cl. 32
Tasmanian Pure Beverages Pty Ltd of
Australia

1689593 (2478) Cl. 35, 42
Extra Bilgi Çözümleri ve İletişim Hizmetleri
Anonim Sirketi of Türkiye

1689897 (2478) Cl. 35
Trinnovo Group Ltd of United Kingdom

1689899 (2478) Cl. 35
Trinnovo Group Ltd of United Kingdom

1690009 (2478) Cl. 5, 9, 10
Swiss Rockets AG of Switzerland

Cancellations effected for the following goods/services under the Madrid protocol

- 1631626** AuroraFS
Cancellation in respect of all goods and services registered at WIPO on 06/03/2023.
- 1632514** AUFS
Cancellation in respect of all goods and services registered at WIPO on 06/03/2023.

Changes/Corrections in the International Register

- 1661465** Advertised as protected in Journal No: 2479 on 21/12/2022.
Correction of bibliographical data for International Trade Mark No.1661465.
The reproduction of the mark is now amended to:



recorded in the International Register on 23/03/2023.
