



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For Information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

(i) FILING -

This is the act of making an application. When the application is first filed certain details are published.

(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

(iii) ACCEPTANCE –

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

(iv) OPPOSITION –

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

(v) GRANTING –

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

(vi) CERTIFICATION

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want (eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018**

All patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

NOTE: Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234.

A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

The Journal lists the information published in that category in an alphabetical Name Index list based on the name of the applicant. These indices are useful if you wish to find information about applications made by a particular applicant.

In addition to the Name Index there is provided, for each of these categories, a Numerical Index This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

Using the Indices

1. To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

| <u>ITEM</u> | <u>INID</u> <u>No.</u> | <u>ITEM</u> | <u>INID</u> <u>No.</u> |
|---|---------------------------|--|---------------------------|
| A) Provisional applications filed - Name Index | | B) Complete applications filed - Name Index | |
| The <u>name</u> of the applicant | (71) | The <u>name</u> of the applicant | (71) |
| The <u>number</u> assigned to the application | (21) | The <u>number</u> assigned to the application | (21) |
| The <u>date</u> of filing | (22) | The <u>date</u> of filing | (22) |
| The <u>title</u> of the invention | (54) | <u>Title</u> of the invention | (54) |
| | | <u>Number</u> of priority document(s) if any | (31) |
| | | <u>Date(s)</u> of filing of priority documents | (32) |
| | | <u>Country</u> of which priority documents filed | (33) |
| | | PCT application <u>number</u> | (86) |

| <u>ITEM</u> | <u>INID</u> <u>No.</u> | <u>ITEM</u> | <u>INID</u> <u>No.</u> |
|---|---------------------------|---|---------------------------|
| C) Applications open to public inspection - Name Index | | D) Applications accepted - Name Index | |
| The <u>name</u> of the applicant | (71) | The <u>name</u> of the applicant | (71) |
| The <u>number</u> of the document | (11) | The <u>number</u> of the document | (11) |
| The <u>number</u> assigned to the application | (21) | The <u>number</u> of the accepted document | (10) |
| The <u>date</u> of filing | (22) | The <u>number</u> assigned to the application | (21) |
| The <u>title</u> | (54) | The <u>date</u> of filing | (22) |
| The <u>classification marks</u> | (51) | The <u>title</u> | (54) |
| Priority document <u>number(s)</u> | (31) | The <u>classification marks</u> | (51) |
| <u>Date</u> of filing of priority document(s) | (32) | PCT publication <u>number</u> | (87) |
| <u>Country</u> in which priority document filed | (33) | Priority document <u>number</u> | (31) |
| Publication <u>date</u> of unexamined document | (43) | <u>Date</u> of filing of priority document(s) | (32) |
| Inventors names if known | (72) | <u>Country</u> in which priority document filed | (33) |
| <u>Patent Attorneys</u> | (74) | Publication <u>date</u> of unexamined document | (43) |

| <u>ITEM</u> | <u>INID</u> <u>No.</u> |
|---|---------------------------|
| E) Patents Certified – Name Index | |
| The <u>name</u> of the applicant | (71) |
| The <u>number</u> of the accepted document | (10) |
| The <u>number</u> assigned to the application | (21) |
| The <u>date</u> of filing | (22) |
| The <u>title</u> | (54) |
| The <u>classification marks</u> | (51) |
| Priority document <u>number</u> | (31) |
| <u>Date</u> of filing of priority document(s) | (32) |
| <u>Country</u> in which priority document filed | (33) |
| Publication <u>date</u> of granted patent | (45) |
| Inventors <u>names</u> | (72) |
| <u>Patent Attorneys</u> | (74) |
| Related by division | (62) |

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

(10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

(20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 16 July 2020

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Norbrook Laboratories Limited v Bayer New Zealand Limited* [2020] APO 31**

Patent Application: 2015202929

Title: Anti-infective formulation and methods of use

Patent Applicant: Bayer New Zealand Limited

Opponent: Norbrook Laboratories Limited

Delegate: Felix White

Decision Date: 1 July 2020

Hearing Date: 26 February 2020, at IP Australia Melbourne Office
Further written submissions received on 28 February and 10 March 2020
(Opponent) and 6 March 2020 (Applicant)

Catchwords: **PATENTS** – teat seal formulation comprising povidone-iodine antiseptic – section 59 – opposition to grant of a patent – grounds of clarity, support, clear and complete disclosure, utility, inventive step – consideration of reg 5.23 – relationship between claims and examples - opposition unsuccessful – no grounds made out – application to proceed to grant – costs awarded to applicant

Representation: Counsel for the applicant: Ian Finch, James & Wells
Patent attorneys for the applicant: Andrew Scott and Wing Seow, James & Wells
Applicant’s representative: Dee Nicholls

Counsel for the opponent: Clive Elliott QC
Patent attorney for the opponent: Julie Ballance, In-Legal Limited

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 16 July 2020

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Mark Johnson v Paul Weingarth, Spiro Rokos and Paul Scully-Power [2020] APO 32

Patent Application: 2018282346

Title: A system for digital receipts enrolment and issuance

Patent Applicant: Paul Weingarth, Spiro Rokos, Paul Scully-Power

Opponent: Mark Johnson

Delegate: Dr S.D. Barker

Decision Date: 7 July 2020

Hearing Date: Written submissions completed on 3 June 2020

Catchwords: **PATENTS** – extension of time to file application – applicants believed they could not obtain an effective patent – error established – extension is appropriate – opposition unsuccessful

Representation: Solicitors and patent attorney for the applicant: Minter Ellison
Patent attorney for the opponent: Lord & Company

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 30 Jun 2020 .

| | | |
|---|---|---|
| <p>(71) ACS EQUIP PTY. LTD. (21) 2020902268 (22) 03.07.2020 (54) ACS Equip Waterbore Redevelopment</p> | <p>(71) Bourne, T. (21) 2020902299 (22) 05.07.2020 (54) A One Piece Acrylic Center Bottom Ply & Concave Skateboard Guard.</p> | <p>(71) Centor Design Pty Ltd (21) 2020902215 (22) 30.06.2020 (54) Cone and clamp assembly for screen assembly</p> |
| <p>(71) ACS EQUIP PTY. LTD. (21) 2020902269 (22) 03.07.2020 (54) ACS Equip Waterbore chemical injection</p> | <p>(71) Breville Pty Limited (21) 2020902239 (22) 01.07.2020 (54) Thermal immersion device</p> | <p>(71) Chan, K.K.; Byers, S.D. (21) 2020902237 (22) 01.07.2020 (54) TOUCHLESS CONTROL SYSTEM AND METHOD</p> |
| <p>(71) ACS EQUIP PTY. LTD. (21) 2020902270 (22) 03.07.2020 (54) ACS Equip Rotating Jetting tool</p> | <p>(71) Briggs, A.A. (21) 2020902235 (22) 01.07.2020 (54) Manufacture of hydrophilic wax micro-sphere flow tracer particles</p> | <p>(71) Charles Parsons (Holdings) Pty Ltd (21) 2020902205 (22) 30.06.2020 (54) CAMPING HUTCH AND SWAG</p> |
| <p>(71) Ahl, R. (21) 2020902174 (22) 29.06.2020 (54) An in-home toilet paper-wipe-bowl, consumer informatics-diagnostics system-method.</p> | <p>(71) Broyd, C. (21) 2020902204 (22) 30.06.2020 (54) Coronary Assist Apparatus</p> | <p>(71) CIRCULAR PRODUCTS PTY LTD (21) 2020902222 (22) 30.06.2020 (54) RECYCLABLE VESSEL AND USES THEREOF</p> |
| <p>(71) Air Diffusion Agencies Pty Ltd (21) 2020902257 (22) 02.07.2020 (54) TENSION MOUNT IMPROVEMENTS</p> | <p>(71) Bryant, A. (21) 2020902252 (22) 02.07.2020 (54) Marking jig for pipework</p> | <p>(71) CONCRETE BARRIER CLEANING AUSTRALIA PTY LTD (21) 2020902164 (22) 28.06.2020 (54) Automated truck mounted Concrete barrier painting unit</p> |
| <p>(71) AmPro Innovations Pty Ltd (21) 2020902232 (22) 01.07.2020 (54) Additive Manufacturing Powder Re-Coater Apparatus</p> | <p>(71) Burhoven-Jaspers, N. (21) 2020902162 (22) 28.06.2020 (54) E Generator</p> | <p>(71) Conneely, S. (21) 2020902221 (22) 30.06.2020 (54) MAGNETIC MULTIPOINT ADJUSTABLE UNIVERSAL UMBRELLA HOLDER</p> |
| <p>(71) AVID Business Pty Ltd (21) 2020902231 (22) 01.07.2020 (54) Wearable Personal Protection Device</p> | <p>(71) Byers, S.D. see Chan, K.K. (21) 2020902237</p> | <p>(71) Control Systems Technology Pty Ltd (21) 2020902211 (22) 30.06.2020 (54) Symmetrical dual redundant weigh frame</p> |
| <p>(71) Biotron Limited (21) 2020902273 (22) 03.07.2020 (54) METHODS OF TREATING HIV-1 INFECTION</p> | <p>(71) CARMIN DIMASE PTY LTD (21) 2020902234 (22) 01.07.2020 (54) IMPROVED METHODS OF GRAFTING PLANTS</p> | <p>(71) Crossman River Pty Ltd (21) 2020902238 (22) 01.07.2020 (54) Methods for nitrogenating and clarifying liquids</p> |
| <p>Blue Eagle Technologies Pty Ltd see Hong, M. (21) 2020902194</p> | <p>(71) CDI Electrics Pty Ltd (21) 2020902223 (22) 30.06.2020 (54) Solar Panel Array</p> | |

Provisional Applications Filed - Name Index cont'd

(71) CRPS Solutions Pty Ltd
(21) 2020902208 (22) 30.06.2020
(54) Nerve stimulation system

(71) CVG Developments Pty Ltd
(21) 2020902271 (22) 03.07.2020
(54) Gas Bottle Housing

(71) Diag-Nose Medical Pty Ltd
(21) 2020902259 (22) 02.07.2020
(54) A METHOD AND APPARATUS FOR DIAGNOSING BACTERIAL SINUS INFECTION

(71) Di Pasquale, M.; Mindsets Learning Pty Ltd
(21) 2020902224 (22) 30.06.2020
(54) New algorithms for transformation of student response data in a real time inquiry, based collaborative teaching and collaborative learning platform for K12 teachers, students and parents.

(71) Di Pasquale, M.; Mindsets Learning Pty Ltd
(21) 2020902226 (22) 30.06.2020
(54) Artificial intelligence (AI) algorithms that will provide reliable assessment of inquiry based collaborative learning to measure learning engagement and growth with student problem solving skills including without limitation, student engagement, academic performance, social and emotional factors and executive functions.

(71) doski, j.
(21) 2020902163 (22) 28.06.2020
(54) Slim Pallet

(71) Downer, W.
(21) 2020902248 (22) 01.07.2020
(54) Adjustable Sun shade

(71) Ensen Pty Ltd
(21) 2020902210 (22) 30.06.2020
(54) An Electronic Greeting Method and System

(71) Fitbeat Australia Pty Ltd
(21) 2020902247 (22) 01.07.2020
(54) Exercise device

(71) Flinders University of South Australia
(21) 2020902220 (22) 30.06.2020
(54) NOVEL ACTINOBACTERIA

(71) GB Operations Pty Ltd
(21) 2020902240 (22) 01.07.2020
(54) A device, system and method for dispensing lubricant

(71) GenesisCare Ventures Pty Limited
(21) 2020902243 (22) 01.07.2020
(54) Method for treating cancerous and pre-cancerous skin

(71) GenieUs Genomics Pty Ltd
(21) 2020902218 (22) 30.06.2020
(54) New treatment for neurodegenerative diseases

(71) Global Kinetics Pty Ltd
(21) 2020902188 (22) 29.06.2020
(54) SYSTEMS AND METHODS FOR EVALUATING MOVEMENT CAPACITY OF A PERSON

(71) GONSALVEZ, C.
(21) 2020902213 (22) 30.06.2020
(54) Coffee-Tea mixes

(71) Grand Performance Online Pty Limited
(21) 2020902250 (22) 01.07.2020
(54) A COMPUTER-ENABLED METHOD SYSTEM AND COMPUTER PROGRAM FOR GENERATING A DYNAMIC USER INTERFACE FOR PROMPTING OF A USER IN THE ALLOCATION OF A SPACE, FURNITURE, EQUIPMENT OR SERVICE

(71) Hajjar, E.
(21) 2020902245 (22) 01.07.2020
(54) O Fluid Control Device

(71) Hazer Group Limited
(21) 2020902253 (22) 02.07.2020
(54) A process for the purification of graphitic material

(71) Heffernan, P.
(21) 2020902175 (22) 29.06.2020
(54) Life Dial

(71) Hong, M.; Blue Eagle Technologies Pty Ltd
(21) 2020902194 (22) 29.06.2020
(54) Dynamic Penetrating Security Solution (DPSS)

(71) IHF SYSTEMS PTY. LTD.
(21) 2020902172 (22) 29.06.2020
(54) System and Methods for Generating Documents from Resume Data

(71) INTELEMATICS AUSTRALIA PTY LIMITED
(21) 2020902183 (22) 29.06.2020
(54) BATTERY FAILURE PREDICTION METHOD AND SYSTEM

(71) Keyzell Holding S.L.
(21) 2020902217 (22) 30.06.2020
(54) NK1R antagonists for the treatment and prevention of cancer

(71) MAREXMA CORP
(21) 2020902230 (22) 01.07.2020
(54) Third party cookies, advertisements and advanced security features enablement system

(71) Marl Wellness Research and Development Pty Ltd
(21) 2020902219 (22) 30.06.2020
(54) Synbiotic compounds suitable for the manufacturing processes of foods, beverages, and personal care fast-moving consumer products

(71) MAXM SKATE PTY LTD
(21) 2020902209 (22) 30.06.2020
(54) AN IMPROVED MEDICAL LEG SUPPORT ARRANGEMENT TO AID IN THE HEALING AND STRENGTHENING OF DAMAGED, INJURED AND/OR REPLACED BONE, MUSCLE AND/OR TISSUE OF THE LEG

(71) Miller Camera Support
(21) 2020902197 (22) 30.06.2020
(54) A support leg

Mindsets Learning Pty Ltd see Di Pasquale, M.
(21) 2020902224

Mindsets Learning Pty Ltd see Di Pasquale, M.
(21) 2020902226

(71) Minomic International Ltd.
(21) 2020902212 (22) 30.06.2020
(54) Biomarker combinations for determining aggressive prostate cancer

(71) Mountain Road Holdings Pty Ltd
(21) 2020902241 (22) 01.07.2020
(54) METHOD AND APPARATUS FOR PUMP STRAINING

(71) Mylne, D.
(21) 2020902227 (22) 30.06.2020
(54) MAKE YOUR LATTICE SWING

(71) NewSouth Innovations Pty Limited
(21) 2020902214 (22) 30.06.2020
(54) A bubble column evaporator method for the efficient de-watering of slimes and sludge

(71) NewSouth Innovations Pty Limited; The University of Newcastle
(21) 2020902244 (22) 01.07.2020
(54) Compound

Provisional Applications Filed - Name Index cont'd

(71) NOAH Facial Recognition Pty Ltd
 (21) 2020902186 (22) 29.06.2020
 (54) Contactless Identity Authentication System with Integrated Thermal Monitor

(71) PANUI, S.
 (21) 2020902251 (22) 02.07.2020
 (54) WIRELESS CHARGERS/ENERGY/POWER *Wireless Plug & Car Charger*

(71) Pharmaxis Ltd.
 (21) 2020902189 (22) 29.06.2020
 (54) Dual inhibitors of amine oxidases and peroxidases, and uses thereof

(71) Piddington, R.K.
 (21) 2020902184 (22) 29.06.2020
 (54) A Cooking System and Method

(71) PreveCeutical Medical Inc.
 (21) 2020902233 (22) 01.07.2020
 (54) Peptides and uses thereof

(71) Respiramusica Pty Ltd
 (21) 2020902193 (22) 29.06.2020
 (54) SENSORY AID FOR MUSCLE TRAINING

(71) Roberts, T.
 (21) 2020902192 (22) 29.06.2020
 (54) Conveyor Belt Feeder for a Coal Slurry Filter Press Machine

(71) Scimian Pty Ltd
 (21) 2020902225 (22) 30.06.2020
 (54) Image Processing System

(71) SenSen Networks Group Pty Ltd
 (21) 2020902206 (22) 30.06.2020
 (54) Gaming Activity Monitoring Systems and Methods

(71) Servatus Ltd
 (21) 2020902276 (22) 03.07.2020
 (54) Combination therapy for inflammatory bowel disease

(71) Soodin, D.
 (21) 2020902182 (22) 29.06.2020
 (54) Surgical device

(71) Talga Technologies Limited
 (21) 2020902246 (22) 01.07.2020
 (54) Anode Material and Method for Producing Same

(71) THE UNIVERSITY OF ADELAIDE
 (21) 2020902228 (22) 01.07.2020
 (54) A method of using a multimode optical waveguide to measure one or multiple perturbation parameters

The University of Newcastle see NewSouth Innovations Pty Limited
 (21) 2020902244

(71) The University of Sydney; The Westmead Institute for Medical Research
 (21) 2020902242 (22) 01.07.2020
 (54) Anti-inflammatory compositions and methods

The Westmead Institute for Medical Research see The University of Sydney
 (21) 2020902242

(71) Track Straight Pty Ltd
 (21) 2020902216 (22) 30.06.2020
 (54) Improvements in or Relating to Conveyors

(71) Tuck, S.
 (21) 2020902185 (22) 29.06.2020
 (54) Gym Access - Digital One Time Pass

(71) TURBO SCAFFOLDING PTY LTD
 (21) 2020902236 (22) 01.07.2020
 (54) A nut fastener and a fastening system therefor

(71) University of South Australia
 (21) 2020902207 (22) 30.06.2020
 (54) NEW THERAPEUTIC USE OF RILPIVIRINE

(71) Urban.io PTY LTD
 (21) 2020902181 (22) 29.06.2020
 (54) Methods, systems and devices for tracking interactions between individuals

(71) Walpole, P.
 (21) 2020902263 (22) 02.07.2020
 (54) Motorcycle Clipper

(71) Winson, M.
 (21) 2020902229 (22) 01.07.2020
 (54) Luxwood Composite Polymer Extruded Panel

(71) Wolchyn, D.
 (21) 2020902176 (22) 29.06.2020
 (54) A Low-Cost Monitoring Smart Tag System for Livestock

YANG, J. see YANG, Z.
 (21) 2020902187

(71) YANG, Z.; YANG, J.
 (21) 2020902187 (22) 29.06.2020
 (54) Dual-purpose surface vehicle and vtol aircraft

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| 2020902162 | Burhoven-Jaspers, N. | 2020902250 | Grand Performance Online Pty Limited |
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| 2020902248 | Downer, W. | | |

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 30 Jun 2020 .

. (*) Title not in Roman characters

. (**) Title not given

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| <hr/> <p>(71) 4D Pharma Research Limited (21) 2020204265 (22) 26.06.2020 (54) Compositions comprising bacterial strains (62) 2018285445</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2020204282 (22) 26.06.2020 (54) Application interface and display control in an analyte monitoring environment (62) 2014370122</p> <hr/> <p>(71) AbVitro LLC (21) 2020204449 (22) 02.07.2020 (54) High-throughput nucleotide library sequencing (62) 2015318011</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2020204266 (22) 26.06.2020 (54) ARTIFICIAL INTELLIGENCE AND ROBOTIC PROCESS AUTOMATION FOR AUTOMATED DATA MANAGEMENT (62) 2018274925</p> <hr/> <p>(71) Alkermes, Inc. (21) 2020204457 (22) 03.07.2020 (54) COMPOSITIONS AND METHODS FOR MODULATING IL-10 IMMUNOSTIMULATORY AND ANTI-INFLAMMATORY PROPERTIES (62) 2017291321</p> <hr/> <p>(71) Allergan, Inc. (21) 2020204362 (22) 30.06.2020 (54) Methods of treatment of ocular conditions with a sustained drug delivery implant (62) 2014348369</p> <hr/> <p>(71) Altor BioScience Corporation (21) 2020204408 (22) 01.07.2020 (54) IL-15-based molecules and methods of use thereof (62) 2015284248</p> <hr/> <p>(71) Amenity Health, Inc. (21) 2020204454 (22) 03.07.2020 (54) Therapeutic cushion systems and methods (62) 2015300905</p> <hr/> <p>(71) Amgen Inc. (21) 2020204260 (22) 26.06.2020</p> | <p>(54) Controllable drug delivery system and method of use (62) 2015271767</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020204413 (22) 01.07.2020 (54) Playing card (62) 2018236893</p> <hr/> <p>(71) Antenna World Inc. (21) 2020204437 (22) 02.07.2020 (54) Wide Band Log Periodic Reflector Antenna for Cellular and Wifi (31) 16/356,320 (32) 13.03.19 (33) US</p> <hr/> <p>(71) Anthony Innovations Pty Ltd (21) 2020204383 (22) 30.06.2020 (54) SILL MOUNTABLE ROLLER ASSEMBLY (31) 2019902387 (32) 05.07.19 (33) AU</p> <hr/> <p>(71) Apple Inc. (21) 2020204259 (22) 26.06.2020 (54) Wellness data aggregator (62) 2018206772</p> <hr/> <p>(71) Apple Inc. (21) 2020204278 (22) 26.06.2020 (54) Music now playing user interface (62) 2018202335</p> <hr/> <p>(71) Apple Inc. (21) 2020204428 (22) 02.07.2020 (54) System and method for remotely initiating lost mode on a computing device (62) 2018200869</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2020204385 (22) 30.06.2020 (54) Natural orifice surgery system (62) 2015301532</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2020204401 (22) 30.06.2020 (54) DYNAMIC MULTIPLAYER GAMING PLATFORM (31) 16/896,952 (32) 09.06.20 (33) US 62/869,452 01.07.19 US 62/913,350 10.10.19 US</p> <hr/> <p>Arizona Board of Regents on behalf of Arizona State University see Dignity Health</p> | <p>(21) 2020204293</p> <hr/> <p>(71) Armstrong World Industries, Inc. (21) 2020204257 (22) 26.06.2020 (54) Interlocking floor panels with high performance locking profiles (62) 2018279006</p> <hr/> <p>(71) Auctane, LLC. (21) 2020204285 (22) 26.06.2020 (54) Concatenated shipping documentation processing spawning intelligent generation subprocesses (62) 2017228918</p> <hr/> <p>Berkowitz, I.J. see Combrink, J.R. (21) 2020204321</p> <hr/> <p>Berkowitz, J.N. see Combrink, J.R. (21) 2020204321</p> <hr/> <p>(71) BioAir Solutions, LLC (21) 2020204464 (22) 03.07.2020 (54) Filtration media for filtration/purification of a liquid or gas, related reactor modules, filtration devices and methods (62) 2018204818</p> <hr/> <p>(71) BLUESCOPE STEEL LIMITED (21) 2020204322 (22) 29.06.2020 (54) RAINWATER PRODUCTS (62) 2018253468</p> <hr/> <p>(71) Boehringer Ingelheim Animal Health New Zealand Limited (21) 2020204386 (22) 30.06.2020 (54) Injectable trace mineral supplement containing vitamin B12</p> <hr/> <p>(71) Boehringer Ingelheim Animal Health USA Inc. (21) 2020204400 (22) 30.06.2020 (54) Anthelmintic compounds, compositions and method of using thereof (62) 2019202773</p> <hr/> <p>(71) Botanical Extracts Pty Ltd (21) 2020204258 (22) 26.06.2020 (54) A system and method for interfacing buyers and sellers of goods and/or services (62) 2018204030</p> |
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(21) 2020204330 (22) 29.06.2020
(54) Power generation systems and methods re-
garding same
(62) 2018217208

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(21) 2020204351

(71) Burton, D.
(21) 2020204439 (22) 02.07.2020
(54) Anaesthesia and Consciousness Depth
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(62) 2019204679

(71) C. R. Bard, Inc.
(21) 2020204445 (22) 02.07.2020
(54) Application of antimicrobial agents to med-
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(21) 2020204388 (22) 30.06.2020
(54) UNIVERSAL SECURITY SLIP
(31) 2019903219 (32) 02.09.19 (33) AU

(71) Carnival Corporation
(21) 2020204422 (22) 02.07.2020
(54) Door locks and assemblies for use in wire-
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less guest engagement systems
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(21) 2020204462 (22) 03.07.2020
(54) AXLE DIFFERENTIAL GUARD
(31) 16/519,872 (32) 23.07.19 (33) US

(71) CATERPILLAR INC.
(21) 2020204463 (22) 03.07.2020
(54) LOCALIZATION SYSTEM FOR UN-
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(31) 16/518,383 (32) 22.07.19 (33) US

(71) Celgene Quanticeal Research, Inc.
(21) 2020204287 (22) 26.06.2020
(54) Inhibitors of lysine specific demethylase-1
(62) 2015311805

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(21) 2020204356 (22) 30.06.2020
(54) SYSTEM FOR MANAGING A WIRE-
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(62) 2018205142

(71) CG Technology Development, LLC
(21) 2020204455 (22) 03.07.2020
(54) DEVICES FOR GAMING
(62) 2018204866

(71) Chemical & Biopharmaceutical Laborator-
ies of Patras S.A.
(21) 2020204382 (22) 30.06.2020
(54) Amino diacids containing peptide modifiers
(62) 2014313779

(71) Cheng, H.
(21) 2020204325 (22) 29.06.2020
(54) Apparatus, System and Method for Alarm
Triggered Electrical Supply Disconnection
(62) 2017256648

(71) CMA MACCHINE PER CAFFE' S.R.L.
(21) 2020204453 (22) 03.07.2020
(54) DEVICE FOR PERFORATING A CAP-
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(62) 2015356700

(71) Combrink, J.R.; Berkowitz, I.J.; Berkowitz,
J.N.
(21) 2020204321 (22) 29.06.2020
(54) SUPPORT BRACKET FOR A ROPE
(31) 2019/04565 (32) 12.07.19 (33) ZA

(71) Conexio Genomics Pty Ltd
(21) 2020204339 (22) 29.06.2020
(54) MAJOR HISTOCOMPATIBILITY COM-
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(62) 2014336960

(71) CRISI Medical Systems, Inc.
(21) 2020204344 (22) 29.06.2020
(54) Flow sensor system including spring con-
tacts
(62) 2018267666

(71) Croc Hinge Pty Ltd
(21) 2020204433 (22) 02.07.2020
(54) Accessory bracket for a vehicle roof rack
(31) 2019904265 (32) 12.11.19 (33) AU

(71) Crown Melbourne Limited
(21) 2020204279 (22) 26.06.2020
(54) METHOD AND APPARATUS FOR
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(62) 2018219972

(71) CTN Consulting Limited
(21) 2020204429 (22) 02.07.2020
(54) A PLANT OR TREE PROTECTOR
(31) 758835 (32) 07.11.19 (33) NZ

(71) Cue Health Inc.
(21) 2020204329 (22) 29.06.2020
(54) SYSTEMS AND METHODS FOR DE-
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(62) 2018203548

(71) Dab Pumps S.p.A.
(21) 2020204394 (22) 30.06.2020
(54) Electric pump with customizable accesso-
ries
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(71) Dana-Farber Cancer Institute, Inc.; Novartis
AG; President and Fellows of Harvard Col-
lege
(21) 2020204366 (22) 30.06.2020
(54) Antibody molecules to PD-1 and uses
thereof
(62) 2015209145

(71) Dana-Farber Cancer Institute, Inc.
(21) 2020204373 (22) 30.06.2020
(54) Chimeric antigen receptors and methods of
use thereof
(62) 2015364245

(71) Deere & Company
(21) 2020204262 (22) 26.06.2020
(54) Propulsion assembly for an agricultural im-
plement
(31) 16/526,548 (32) 30.07.19 (33) US

(71) Deere & Company
(21) 2020204377 (22) 30.06.2020
(54) Methods and apparatus to control vehicle
steering
(31) 62/870,898 (32) 05.07.19 (33) US
16/906,853 19.06.20 US

(71) Deere & Company
(21) 2020204390 (22) 30.06.2020
(54) Automatic rank selection
(31) 16/535,952 (32) 08.08.19 (33) US

(71) Deere & Company
(21) 2020204392 (22) 30.06.2020
(54) Self-sharpening cutting tooth for a felling
apparatus
(31) 16/538,261 (32) 12.08.19 (33) US

(71) Deere & Company
(21) 2020204395 (22) 30.06.2020
(54) Bale wrap removal device utilizing shape
memory wire
(31) 16/539,033 (32) 13.08.19 (33) US

(71) DEKA Products Limited Partnership
(21) 2020204371 (22) 30.06.2020
(54) System and apparatus for electronic patient
care using web services
(62) 2018202481

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(71) Dexcom, Inc.
 (21) 2020204319 (22) 29.06.2020
 (54) Membrane layers for analyte sensors
 (62) 2019203726

(71) Dignity Health; Arizona Board of Regents on behalf of Arizona State University
 (21) 2020204293 (22) 29.06.2020
 (54) Systems and methods for non-intrusive drug impairment detection
 (62) 2015253487

(71) DOSE Medical Corporation
 (21) 2020204427 (22) 02.07.2020
 (54) Drug eluting ocular implant
 (62) 2018229507

(71) DUPONT NUTRITION BIOSCIENCES APS
 (21) 2020204456 (22) 03.07.2020
 (54) CEREAL GRAIN PROCESSING
 (62) 2016226359

(71) E2interactive, Inc. d/ba/ E2interactive, Inc.
 (21) 2020204333 (22) 29.06.2020
 (54) Network bridge for local transaction authorization
 (62) 2016357267

(71) Eaton Intelligent Power Limited
 (21) 2020204320 (22) 29.06.2020
 (54) A SWITCHING DEVICE
 (31) 1910160.9 (32) 16.07.19 (33) GB

(71) Electrolux Appliances Aktiebolag
 (21) 2020204364 (22) 30.06.2020
 (54) LAUNDRY DRYING MACHINE
 (62) 2016223373

(71) Employment Pathway Keys Pty Ltd
 (21) 2020204275 (22) 26.06.2020
 (54) A METHOD FOR MONITORING, EVALUATING AND PROMOTING CHANGE TO USER BEHAVIOUR
 (31) 2020901655 (32) 22.05.20 (33) AU

(71) Equilume Limited
 (21) 2020204434 (22) 02.07.2020
 (54) AN APPARATUS AND METHOD FOR INHIBITING MELATONIN SYNTHESIS IN A HORSE
 (62) 2018214106

(71) EVERETT, T.
 (21) 2020204387 (22) 30.06.2020
 (54) MULTI-LOCK AND METHOD OF USE

(71) EVERETT, T.
 (21) 2020204466 (22) 03.07.2020

(54) SLIDING DOOR

(71) F. Hoffmann-La Roche AG
 (21) 2020204418 (22) 01.07.2020
 (54) Benzoxazepin oxazolindione compounds and methods of use
 (62) 2016287463

(71) Fate Therapeutics, Inc.
 (21) 2020204267 (22) 26.06.2020
 (54) Compositions and methods for immune cell modulation in adoptive immunotherapies
 (62) 2017210031

(71) FERNO-WASHINGTON, INC.
 (21) 2020204281 (22) 26.06.2020
 (54) Container mounting assembly
 (62) 2016250559

(71) Forman, S.; Brown, C.; Jonnalagadda, U.; Mardiros, A.
 (21) 2020204351 (22) 29.06.2020
 (54) Chimeric Antigen Receptors (CARs) Having Mutations in the Fc Spacer Region and Methods For Their Use
 (62) 2014376328

(71) FRESENIUS KABI DEUTSCHLAND GMBH
 (21) 2020204269 (22) 26.06.2020
 (54) Liquid pharmaceutical composition
 (62) 2015263247

(71) Function Promoting Therapies, LLC
 (21) 2020204381 (22) 30.06.2020
 (54) Methods and systems for the diagnosis and treatment of androgen disorders
 (62) 2014226069

(71) Garon Holdings Pty Ltd
 (21) 2020204465 (22) 03.07.2020
 (54) A System for Cultivating Molluscs
 (62) 2019203385

(71) Gu, W.
 (21) 2020204331 (22) 29.06.2020
 (54) HIGH-EFFICIENCY AND ENERGY-SAVING METHOD FOR OPERATING POWER NETWORK
 (62) 2016214892

(71) Guangdong University of Technology
 (21) 2020204370 (22) 30.06.2020
 (54) COMPREHENSIVE UTILIZATION SYSTEM FOR HIGH-TEMPERATURE GASIFICATION AND LOW-NITROGEN COMBUSTION OF BIOMASS
 (31) 201910726761.8 (32) 07.08.19 (33) CN

(71) Hales, Z.
 (21) 2020204451 (22) 02.07.2020

(54) Lakes Based Seawater Vapour System - A permanent solution to fix Australian drought and wildfires

(71) Heraeus Electro-Nite International N.V.
 (21) 2020204374 (22) 30.06.2020
 (54) Molten metal samplers for high and low oxygen applications
 (62) 2019202946

(71) Herbst, J.
 (21) 2020204452 (22) 02.07.2020
 (54) APPARATUS FOR TACKLE TRAINING
 (31) 2019902366 (32) 03.07.19 (33) AU

(71) Hexima Limited
 (21) 2020204461 (22) 03.07.2020
 (54) A method of in vivo treatment
 (62) 2015396744

(71) Hope Biosciences, LLC
 (21) 2020204268 (22) 26.06.2020
 (54) Culture media for multipotent stem cells
 (62) 2017257181

(71) Howmedica Osteonics Corp.
 (21) 2020204450 (22) 02.07.2020
 (54) SYSTEMS AND METHODS FOR CONVERTING A JOINT PROSTHESIS FROM A FIRST TYPE TO A SECOND TYPE IN-SITU
 (31) 62/873,514 (32) 12.07.19 (33) US

(71) Hyperfine Research, Inc.
 (21) 2020204323 (22) 29.06.2020
 (54) PULSE SEQUENCES FOR LOW FIELD MAGNETIC RESONANCE
 (62) 2015346431

(71) ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI; THE ROCKEFELLER UNIVERSITY
 (21) 2020204419 (22) 01.07.2020
 (54) Compositions and methods for modulating neuronal excitability and motor behavior
 (62) 2014342535

(71) ICSIP Pty Ltd
 (21) 2020204263 (22) 26.06.2020
 (54) Recovery of Lithium from Silicate Minerals
 (62) 2016374661

(71) Illinois Tool Works Inc.
 (21) 2020204402 (22) 30.06.2020
 (54) Fastener pusher with an improved work-piece-contact element
 (62) 2019201097

(71) Immunomic Therapeutics, Inc.
 (21) 2020204277 (22) 26.06.2020

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- (54) Nucleic acids for treatment of peanut allergies
(62) 2015280143
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- (71) Imtrade Australia Pty Ltd
(21) 2020204435 (22) 02.07.2020
(54) Pesticide formulation
(31) 2019902440 (32) 10.07.19 (33) AU
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- (71) Intertek Industrial Corporation
(21) 2020204328 (22) 29.06.2020
(54) Adjustable connectors for use with webbing of patient harness systems and other types of safety belt systems
(31) 16/460,616 (32) 02.07.19 (33) US
16/910,602 24.06.20 US
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- (71) iSTAR Medical
(21) 2020204391 (22) 30.06.2020
(54) Ocular Implant Systems
(62) 2016378890
-
- (71) Itron Global SARL
(21) 2020204444 (22) 02.07.2020
(54) Transducer enclosure with variable moisture proofing
(31) 62/869,988 (32) 02.07.19 (33) US
16/588,817 30.09.19 US
16/588,844 30.09.19 US
16/588,858 30.09.19 US
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- (71) Itron Global SARL
(21) 2020204447 (22) 02.07.2020
(54) Multi-material transducer enclosure
(31) 62/869,988 (32) 02.07.19 (33) US
16/588,817 30.09.19 US
16/588,844 30.09.19 US
16/588,858 30.09.19 US
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- (71) IvWatch, LLC
(21) 2020204337 (22) 29.06.2020
(54) APPLIANCE FOR AN ELECTROMAGNETIC SPECTRUM SENSOR MONITORING AN INTRAVASCULAR INFUSION
(62) 2019202806
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- (71) Johnson & Johnson Vision Care, Inc.
(21) 2020204376 (22) 30.06.2020
(54) UV light management package and protective cover
(31) 16/514,437 (32) 17.07.19 (33) US
16/901,097 15.06.20 US
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- Jonnalagadda, U. see Forman, S.**
(21) 2020204351
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- (71) Kineta, Inc.
(21) 2020204324 (22) 29.06.2020
(54) Anti-viral compounds, pharmaceutical compositions, and methods of use thereof
(62) 2020201815
-
- (71) KONE Corporation
(21) 2020204274 (22) 26.06.2020
(54) Elevator car and construction-time elevator arrangement and method
(31) 19192757.3 (32) 21.08.19 (33) EP
-
- (71) LG Electronics Inc.
(21) 2020204431 (22) 02.07.2020
(54) Dishwasher
(31) 10-2019-0079317 (32) 02.07.19 (33) KR
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- (71) LG Electronics Inc.
(21) 2020204432 (22) 02.07.2020
(54) Rack for dishwasher and dishwasher having the same
(31) 10-2019-0080047 (32) 03.07.19 (33) KR
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- (71) LG ELECTRONICS INC.
(21) 2020204442 (22) 02.07.2020
(54) MOTOR DRIVING APPARATUS AND HOME APPLIANCE INCLUDING THE SAME
(31) 10-2019-0079319 (32) 02.07.19 (33) KR
-
- (71) Liebherr Mining Equipment Newport News Co.
(21) 2020204393 (22) 30.06.2020
(54) A method for autonomously controlling a vehicle
(31) 16/504,140 (32) 05.07.19 (33) US
-
- (71) LifeCell Corporation
(21) 2020204357 (22) 30.06.2020
(54) Tissue matrices with controlled porosity or mechanical properties
(62) 2016209422
-
- (71) LIGHT FIELD LAB, INC.
(21) 2020204378 (22) 30.06.2020
(54) ENERGY RELAY AND TRANSVERSE ANDERSON LOCALIZATION FOR PROPAGATION OF TWO-DIMENSIONAL, LIGHT FIELD AND HOLOGRAPHIC ENERGY
(62) 2018256628
-
- (71) LivePerson, Inc.
(21) 2020204288 (22) 26.06.2020
(54) Analytics driven engagement
(62) 2018214099
-
- (71) LUOYANG FLUENT SPORTS PRODUCT CO., LTD.
(21) 2020204421 (22) 01.07.2020
(54) MULTIFUNCTION FULL-FACE SNORKEL MASK
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- (71) Makita Corporation
(21) 2020204280 (22) 26.06.2020
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- (71) Autonomous cleaning device having an optical sensor
(31) 2019-122146 (32) 28.06.19 (33) JP
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- Mardiros, A. see Forman, S.**
(21) 2020204351
-
- (71) MASTERCARD INTERNATIONAL INCORPORATED
(21) 2020204352 (22) 29.06.2020
(54) Method and system for point to point transaction processing
(62) 2017229694
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- (71) MAYSER, LLC
(21) 2020204412 (22) 01.07.2020
(54) STRETCH VALVE BALLOON CATHETER AND METHODS FOR PRODUCING AND USING SAME
(62) 2015266697
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- (71) McLaughlin Gormley King Company
(21) 2020204264 (22) 26.06.2020
(54) Sabadilla oil
(62) 2016340958
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- (71) McNeil AB
(21) 2020204342 (22) 29.06.2020
(54) A liquid formulation comprising nicotine for aerosol administration
(62) 2015261970
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- (71) Memorial Sloan-Kettering Cancer Center
(21) 2020204448 (22) 02.07.2020
(54) Compositions and methods for immunotherapy
(62) 2014223601
-
- (71) Mettler-Toledo LLC
(21) 2020204416 (22) 01.07.2020
(54) Modules for multi-module weighing applications
(31) 16/541,061 (32) 14.08.19 (33) US
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- (71) Minerva Neurosciences, Inc.
(21) 2020204286 (22) 26.06.2020
(54) Compositions comprising 2-((1-(2-(4-Fluorophenyl)-2-oxoethyl)piperidin-4-yl)methyl)isoindolin-1-one for treating schizophrenia
(62) 2015355226
-
- (71) Murdoch University; Sarepta Therapeutics, Inc.
(21) 2020204409 (22) 01.07.2020
(54) Antisense-induced exon2 inclusion in acid alpha-glucosidase
(62) 2014317961
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- (71) MyoKardia, Inc.
(21) 2020204271 (22) 26.06.2020

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(54) Pyrimidinedione compounds against cardiac conditions
(62) 2018264088

(71) nanoComposix, Inc.; Sienna Biopharmaceuticals, Inc.
(21) 2020204436 (22) 02.07.2020
(54) Silver nanoplate compositions and methods
(62) 2018241065

(71) Neoculi Pty Ltd
(21) 2020204441 (22) 02.07.2020
(54) Methods For Treating Protozoan Infections
(62) 2015311598

(71) Netflix, Inc.
(21) 2020204340 (22) 29.06.2020
(54) Synthetic supernet compression
(62) 2017312955

(71) nguyen, t.
(21) 2020203542 (22) 29.06.2020
(54) OZYDOM

(71) Nicoventures Holdings Limited
(21) 2020204446 (22) 02.07.2020
(54) Electronic vapour provision system
(62) 2019202166

(71) Novartis AG
(21) 2020204341 (22) 29.06.2020
(54) Naphthyridinone derivatives and their use in the treatment of arrhythmia
(62) 2017344489

Novartis AG see Dana-Farber Cancer Institute, Inc.
(21) 2020204366

(71) OFS Fitel, LLC
(21) 2020204332 (22) 29.06.2020
(54) Installation of optical fiber bundles in a multi-dwelling unit for providing network access to multiple user premises
(62) 2018203926

(71) ORBIS WHEELS, INC.
(21) 2020204348 (22) 29.06.2020
(54) Multi-wheel transmission
(62) 2017292803

(71) Oren Technologies, LLC
(21) 2020204355 (22) 29.06.2020
(54) Conveyor with integrated dust collector system
(62) 2017205988

(71) Oticon Medical A/S
(21) 2020204375 (22) 30.06.2020

(54) A Cochlear Implant System with Improved Electrode Selection Scheme
(31) 19184585.8 (32) 05.07.19 (33) EP

(71) Oticon Medical A/S
(21) 2020204389 (22) 30.06.2020
(54) A Cochlear Implant System with Improved Across-Electrode Interference Model
(31) 19184599.9 (32) 05.07.19 (33) EP

(71) Peterson, K.
(21) 2020204360 (22) 30.06.2020
(54) A Saw Blade
(31) 756450 (32) 16.08.19 (33) NZ

(71) Pharmacyclics LLC
(21) 2020204270 (22) 26.06.2020
(54) Methods of treating and preventing graft versus host disease
(62) 2014339815

(71) Pharmacyclics LLC; Regents of the University of Minnesota
(21) 2020204276 (22) 26.06.2020
(54) Methods of treating and preventing alloantibody driven chronic graft versus host disease
(62) 2014360758

(71) Phoenix Electric Co., Ltd.
(21) 2020204273 (22) 26.06.2020
(54) Method for measuring blood oxygen saturation
(31) 2019-118227 (32) 26.06.19 (33) JP

(71) Polaris Industries Inc.
(21) 2020204368 (22) 30.06.2020
(54) Autonomous ready vehicle
(62) 2015362825

(71) Precision Planting LLC
(21) 2020204261 (22) 26.06.2020
(54) Seed delivery apparatus, systems, and methods
(62) 2018220153

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(21) 2020204366

(71) Pure Fishing, Inc.
(21) 2020204440 (22) 02.07.2020
(54) Enclosure for an electronic device in a fishing rod
(31) 16/915,305 (32) 29.06.20 (33) US
62/869,638 02.07.19 US

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(21) 2020204350 (22) 29.06.2020

(54) Methods for treating skin infection by administering an IL-4R antagonist
(62) 2015222951

(71) Regeneron Pharmaceuticals, Inc.
(21) 2020204410 (22) 01.07.2020
(54) TRANSGENIC MICE EXPRESSING CHIMERIC MAJOR HISTOCOMPATIBILITY COMPLEX (MHC) CLASS I MOLECULES
(62) 2014249150

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(21) 2020204276

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(21) 2020204336

(71) Rokt Pte Ltd
(21) 2020204353 (22) 29.06.2020
(54) A digital advertising system and method
(62) 2018204482

(71) Royal Bank of Canada
(21) 2020204289 (22) 26.06.2020
(54) Electronic document platform
(62) 2017222708

(71) S.C. Johnson & Son, Inc.
(21) 2020204284 (22) 26.06.2020
(54) Container for holding volatile materials
(62) 2018335397

(71) SAFEMINE AG
(21) 2020204365 (22) 30.06.2020
(54) Mining or construction vehicle assistance system
(31) 19186040.2 (32) 12.07.19 (33) EP

(71) Sage Therapeutics, Inc.
(21) 2020204359 (22) 30.06.2020
(54) Methods of treating epilepsy or status epilepticus
(62) 2018220028

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(21) 2020204350

Sarepta Therapeutics, Inc. see Murdoch University
(21) 2020204409

(71) Shonan Gosei-Jushi Seisakuso K.K.
(21) 2020204335 (22) 29.06.2020
(54) METHOD FOR LINKING SEGMENTS FOR REHABILITATION PIPE AND LINKING TOOL
(31) 10-2019-0089288 (32) 24.07.19 (33) KR

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| <p>Sienna Biopharmaceuticals, Inc. see nanoComposix, Inc. (21) 2020204436</p> | <p>(71) The Boeing Company (21) 2020204327 (22) 29.06.2020 (54) Apparatus and method for contoured-surface component repair (31) 16/595,161 (32) 07.10.19 (33) US</p> | <p>(54) Pyridone amides as modulators of sodium channels (62) 2018214105</p> |
| <p>(71) Snap-on Incorporated (21) 2020204372 (22) 30.06.2020 (54) Dual pawl ratchet mechanism and reversing method (62) 2018204498</p> | <p>(71) The Boeing Company (21) 2020204379 (22) 30.06.2020 (54) Composite automated debulk machine for large scale parts (31) 16/502,805 (32) 03.07.19 (33) US</p> | <p>(71) Victaulic Company (21) 2020204349 (22) 29.06.2020 (54) Method and device for forming grooves in pipe elements (62) 2019246913</p> |
| <p>(71) Square, Inc. (21) 2020204343 (22) 29.06.2020 (54) Animation management in applications (62) 2016381571</p> | <p>(71) The General Hospital Corporation (21) 2020204460 (22) 03.07.2020 (54) METHODS, KITS, AND SYSTEMS FOR MULTIPLEXED DETECTION OF TARGET MOLECULES AND USES THEREOF (62) 2018204228</p> | <p>(71) VIDEO GAMING TECHNOLOGIES, INC. (21) 2020204407 (22) 30.06.2020 (54) ELECTRONIC GAMING MACHINE INCLUDING A WIRELESS CHARGING APPARATUS (62) 2018204598</p> |
| <p>(71) Statens Serum Institut (21) 2020204438 (22) 02.07.2020 (54) Specific and sensitive detection of Chlamydia psittaci</p> | <p>THE ROCKEFELLER UNIVERSITY see ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (21) 2020204419</p> | <p>(71) Vistagen Therapeutics, Inc (21) 2020204420 (22) 01.07.2020 (54) Dosage forms and therapeutic uses of 1-4-chlorokynurenine (62) 2018253600</p> |
| <p>(71) Stellenbosch University (21) 2020204415 (22) 01.07.2020 (54) METHOD FOR SEPARATING POLYPHENOLIC COMPOUNDS FROM BIOMASS AND RESULTING PRODUCTS (31) 2019/04323 (32) 01.07.19 (33) ZA</p> | <p>(71) Third Pole, Inc. (21) 2020204272 (22) 26.06.2020 (54) Systems And Methods For Ambulatory Generation Of Nitric Oxide (62) 2020201511</p> | <p>(71) Voltex Electrical Accessories Pty Ltd (21) 2020204459 (22) 03.07.2020 (54) ELECTRICAL CONNECTOR (31) 2019902541 (32) 18.07.19 (33) AU</p> |
| <p>(71) Stryker Corporation (21) 2020204399 (22) 30.06.2020 (54) Person support apparatus with adjustable exit detection zones (31) 62/889,254 (32) 20.08.19 (33) US 63/024,066 13.05.20 US</p> | <p>(71) TNA Australia Pty Limited (21) 2020204283 (22) 26.06.2020 (54) A bag stacker (62) 2016201837</p> | <p>(71) Vorwerk & Co. Interholding GmbH (21) 2020204396 (22) 30.06.2020 (54) System and method for control of multifunctional cooking apparatuses (31) EP19191914.1 (32) 15.08.19 (33) EP</p> |
| <p>(71) SUNTORY HOLDINGS LIMITED (21) 2020204290 (22) 26.06.2020 (54) Beverage containing lemon juice (62) 2015368963</p> | <p>(71) trackone sporting solutions (21) 2020204347 (22) 29.06.2020 (54) sporting player paging system/devices (31) 2019902567 (32) 19.07.19 (33) AU</p> | <p>(71) W. L. Gore & Associates, Inc. (21) 2020204354 (22) 29.06.2020 (54) Durable high strength polymer composite suitable for implant and articles produced therefrom (62) 2018208663</p> |
| <p>(71) Synedgen, Inc. (21) 2020204358 (22) 30.06.2020 (54) Methods for treatment or prevention of damage resulting from radiation, trauma or shock (62) 2018214144</p> | <p>(71) Transocean Innovation Labs, Ltd (21) 2020204294 (22) 29.06.2020 (54) Subsea pumping apparatuses and related methods (62) 2018220095</p> | <p>(71) Ward, J.; Reiter, G. (21) 2020204336 (22) 29.06.2020 (54) A method, apparatus and system for collecting atmospheric water (31) 2020901005 (32) 01.04.20 (33) AU 2020901204 16.04.20 AU</p> |
| <p>(71) Takeda Pharmaceutical Company Limited (21) 2020204426 (22) 02.07.2020 (54) Heterocyclic compound (62) 2015336480</p> | <p>(71) Transportation IP Holdings, LLC (21) 2020204326 (22) 29.06.2020 (54) THERMAL MANAGEMENT SYSTEM AND METHOD (62) 2018267568</p> | <p>(71) Warsaw Orthopedic, Inc. (21) 2020204369 (22) 30.06.2020 (54) Spinal implant system and method (62) 2015328329</p> |
| <p>(71) Terumo Kabushiki Kaisha (21) 2020204361 (22) 30.06.2020 (54) MEDICAL CONTAINER FOR ACCOMMODATING PROTEIN SOLUTION FOR-MULATION (62) 2015326037</p> | <p>(71) University of Southern Queensland (21) 2020204380 (22) 30.06.2020 (54) A method and patch for defect repair (31) 2019904485 (32) 27.11.19 (33) AU</p> | <p>(71) Wave Swell Energy Limited (21) 2020204291 (22) 26.06.2020 (54) APPARATUS AND METHOD FOR EXTRACTING ENERGY FROM A FLUID (62) 2017344743</p> |
| <p>(71) Vertex Pharmaceuticals Incorporated (21) 2020204425 (22) 02.07.2020</p> | | |

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(71) Wave Swell Energy Limited
 (21) 2020204292 (22) 26.06.2020
 (54) APPARATUS AND METHOD FOR EXTRACTING ENERGY FROM A FLUID
 (62) 2017344743

(71) Weatherford Technology Holdings, LLC
 (21) 2020204345 (22) 29.06.2020
 (54) FORCE TRANSFERRING MEMBER FOR USE IN A TOOL
 (62) 2016258082

(71) WHEELWRIGHT, W.
 (21) 2020204398 (22) 30.06.2020
 (54) MEMBRANES AND THEIR MANUFACTURE

(71) Wing Aviation LLC
 (21) 2020204458 (22) 03.07.2020
 (54) Methods and systems for raising and lowering a payload
 (62) 2017324649

(71) Xu, W.
 (21) 2020204411 (22) 01.07.2020
 (54) INFORMATION PROCESSING NETWORK AND METHOD BASED ON UNIFORM CODE SENDING AND SENSING ACCESS DEVICE
 (62) 2015411154

(71) Yoo's Biopharm Inc.
 (21) 2020204384 (22) 30.06.2020
 (54) COMPOSITION FOR THE PREVENTION OR THE TREATMENT OF VISUAL IMPAIRMENTS COMPRISING URSOXYCHOLIC ACID
 (62) 2018218696

(71) Zebra Technologies Corporation
 (21) 2020204367 (22) 30.06.2020
 (54) Method, apparatus, and computer program product improving real time location systems with multiple location technologies
 (62) 2018271384

(71) Zhang, S.
 (21) 2020204417 (22) 01.07.2020
 (54) IMPROVED APPARATUS AND METHOD FOR SEPARATING PARTICLES FROM A PARTICULATE SUSPENSION
 (31) 2020901335 (32) 28.04.20 (33) AU

(71) Zhongshan Breathtex Speciality Material Co.,Ltd.
 (21) 2020204397 (22) 30.06.2020
 (54) Thermoplastic Polyurethanes Composites For Escape Slide of Civil Aircraft

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| 2020203542 | nguyen, t. | 2020204350 | Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology |
| 2020204257 | Armstrong World Industries, Inc. | 2020204351 | Forman, S.; Brown, C.; Jonnalagadda, U.; Mardiros, A. |
| 2020204258 | Botanical Extracts Pty Ltd | 2020204352 | MASTERCARD INTERNATIONAL INCORPORATED |
| 2020204259 | Apple Inc. | 2020204353 | Rokt Pte Ltd |
| 2020204260 | Amgen Inc. | 2020204354 | W. L. Gore & Associates, Inc. |
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| 2020204265 | 4D Pharma Research Limited | 2020204359 | Sage Therapeutics, Inc. |
| 2020204266 | Accenture Global Solutions Limited | 2020204360 | Peterson, K. |
| 2020204267 | Fate Therapeutics, Inc. | 2020204361 | Terumo Kabushiki Kaisha |
| 2020204268 | Hope Biosciences, LLC | 2020204362 | Allergan, Inc. |
| 2020204269 | FRESENIUS KABI DEUTSCHLAND GMBH | 2020204364 | Electrolux Appliances Aktiebolag |
| 2020204270 | Pharmacyclics LLC | 2020204365 | SAFEmine AG |
| 2020204271 | MyoKardia, Inc. | 2020204366 | Dana-Farber Cancer Institute, Inc.; Novartis AG; President and Fellows of Harvard College |
| 2020204272 | Third Pole, Inc. | 2020204367 | Zebra Technologies Corporation |
| 2020204273 | Phoenix Electric Co., Ltd. | 2020204368 | Polaris Industries Inc. |
| 2020204274 | KONE Corporation | 2020204369 | Warsaw Orthopedic, Inc. |
| 2020204275 | Employment Pathway Keys Pty Ltd | 2020204370 | Guangdong University of Technology |
| 2020204276 | Pharmacyclics LLC; Regents of the University of Minnesota | 2020204371 | DEKA Products Limited Partnership |
| 2020204277 | Immunomic Therapeutics, Inc. | 2020204372 | Snap-on Incorporated |
| 2020204278 | Apple Inc. | 2020204373 | Dana-Farber Cancer Institute, Inc. |
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| 2020204294 | Transocean Innovation Labs, Ltd | 2020204389 | Oticon Medical A/S |
| 2020204319 | Dexcom, Inc. | 2020204390 | Deere & Company |
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| 2020204347 | trackone sporting solutions | 2020204420 | Vistagen Therapeutics, Inc |
| 2020204348 | ORBIS WHEELS, INC. | 2020204421 | LUOYANG FLUENT SPORTS PRODUCT CO., LTD. |
| 2020204349 | Victaulic Company | | |

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Applications listed below were processed through the Patent Office Canberra during the period ending 30 Jun 2020 .
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| <p>(71) Agricultural Information Institute of CAAS (21) 2020101238 (22) 03.07.2020 (54) A Kind of Method for Early Warning of Price Fluctuation of Agricultural Product and Its System</p> | <p>(71) BENELEC PTY. LIMITED (21) 2020101214 (22) 01.07.2020 (54) Compact Terminal Antenna for 5G Applications</p> | <p>(71) Dongguan University Of Technology (21) 2020101204 (22) 30.06.2020 (54) COOPERATIVE NAVIGATION SYSTEM FOR AN UNMANNED AERIAL VEHICLE AND AN UNMANNED VEHICLE</p> |
| <p>(71) Allen, D. (21) 2020101228 (22) 02.07.2020 (54) Peg (31) 2019902346 (32) 02.07.19 (33) AU 2019903139 27.08.19 AU</p> | <p>BOEN Solar Technology Co., Ltd. see Henan Agricultural University (21) 2020101226</p> | <p>(71) Duncan, D. (21) 2020101203 (22) 30.06.2020 (54) Valve with positive and negative status indicator (62) 2019216593</p> |
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
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Complete Specifications Treated as Provisional Specifications, Section 37

2020

2020101147 **Fishlogica Pty Ltd** Provisional Number: 2020902272
 2020101149 **Fishlogica Pty Ltd** Provisional Number: 2020902274

Assignments before Grant, Section 113

2015

2015275230 **Vuly Parks IP Holdings Pty Ltd** The application has been assigned to **Vuly Property Pty Ltd**

2015360350 **Di Girolamo, Edward R.** The application has been assigned to **EXTIVITA, LLC**

2015361998 **Q2Power AG** The application has been assigned to **Noventa AG**

2015370479 **Brimble, Margaret; Williams, Geoffrey; Dunbar, Peter; Verdon, Daniel** The application has been assigned to **Auckland UniServices Limited**

2016

2016247199 **Proform Plastics Limited** The application has been assigned to **ARB New Zealand Limited**

2016258621 **Logos Technologies, LLC** The application has been assigned to **Stepan Company**

2016265848 **Cool Planet Energy Systems, Inc.** The application has been assigned to **CARBON TECHNOLOGY HOLDINGS, LLC**

2016302127 **Kator, LLC** The application has been assigned to **Crossroads Extremity Systems, LLC**

2016332734 **Bluetalon, Inc.** The application has been assigned to **Microsoft Technology Licensing, LLC**

2016335982 **Savant Systems, LLC** The application has been assigned to **Savant Systems, Inc.**

2016335987 **Savant Systems, LLC** The application has been assigned to **Savant Systems, Inc.**

2016335997 **Savant Systems, LLC** The application has been assigned to **Savant Systems, Inc.**

2016336004 **Savant Systems, LLC** The application has been assigned to **Savant Systems, Inc.**

2016337678 **Universita' degli Studi di Roma "La Sapienza"** The application has been assigned to **WSENSE S.R.L.**

2016362314 **Lundberg LLC** The application has been assigned to **Air-Tech Innovations, LLC**

2016380990 **Cool Planet Energy Systems, Inc.** The application has been assigned to **CARBON TECHNOLOGY HOLDINGS, LLC**

2017

2017210656 **TRENTCOM APS PTY LTD** The application has been assigned to **Rocket Pot Pty Ltd**

2017235939 **Pridefield Limited** The application has been assigned to **Fusion Holdings Limited**

Assignments before Grant, Section 113

- 2017235945 Pridefield Limited The application has been assigned to **Fusion Holdings Limited**
- 2017273169 Samsung Life Public Welfare Foundation The application has been assigned to **AIMED BIO INC.**
- 2017273170 Samsung Life Public Welfare Foundation The application has been assigned to **AIMED BIO INC.**
- 2017315305 X Development LLC The application has been assigned to **Boston Dynamics, Inc.**
- 2017318087 Inst of Radiation Medicine Chinese Acad of Medical Sciences The application has been assigned to **Shanghai Kechow Pharma, Inc.**
- 2017321325 X Development LLC The application has been assigned to **Boston Dynamics, Inc.**
- 2017324263 3M Innovative Properties Company The application has been assigned to **Kindeva Drug Delivery L.P.**
- 2017345293 Teleflex Life Sciences Unlimited Company The application has been assigned to **Teleflex Life Sciences LLC**
- 2017358321 Aarhus Universitet; Sørensen, Jens; Region Midtjylland The application has been assigned to **MedTrace Pharma A/S**
- 2017366514 Tianjin Hemay Bio-Tech Co., Ltd The application has been assigned to **Tianjin Hemay Pharmaceutical Sci-Tech Co., Ltd; Ganzhou Hemay Pharmaceutical, Co., Ltd**
- 2017366515 Tianjin Hemay Bio-Tech Co., Ltd The application has been assigned to **Tianjin Hemay Pharmaceutical Sci-Tech Co., Ltd; Ganzhou Hemay Pharmaceutical, Co., Ltd**
- 2017397426 Logos Technologies, LLC The application has been assigned to **Stepan Company**
- 2017435111 Yoplait France SAS The application has been assigned to **Sodima**

2018

- 2018200365 Pridefield Limited The application has been assigned to **Fusion Holdings Limited**
- 2018214678 Savant Systems, LLC The application has been assigned to **Savant Systems, Inc.**
- 2018220600 Butts Properties, Ltd. The application has been assigned to **BCKK Holding Company**
- 2018229465 4 Season Company Pty Ltd The application has been assigned to **AgCoTech Pte Ltd**
- 2018261888 Fusion Pharmaceuticals Inc. The application has been assigned to **Centre for Probe Development and Commercialization**

Assignments before Grant, Section 113

- 2018261890 Fusion Pharmaceuticals Inc. The application has been assigned to **Centre for Probe Development and Commercialization**
- 2018265339 GEA Food Solutions Bakel B.V. The application has been assigned to **GEA Mechanical Equipment GmbH**
- 2018304493 Adenium Biotech ApS The application has been assigned to **Linnane Pharma AB**
- 2018309664 Logos Technologies LLC The application has been assigned to **Stepan Company**
- 2018329837 Savant Systems, LLC The application has been assigned to **Savant Systems, Inc.**
- 2018351515 Eleusis Benefit Corporation, PBC The application has been assigned to **Eleusis Health Solutions US, Inc.**
- 2018360480 Powervision, Inc. The application has been assigned to **Alcon Inc.**
- 2018365469 Hoskins, Amanda; Weimer, Alan; The Regents Of The University Of Colorado, A Body Corporate The application has been assigned to **The Regents Of The University Of Colorado, A Body Corporate**
- 2018368258 University-Industry Cooperation Group of Kyung Hee University The application has been assigned to **Navipharm Co., Ltd.; University-Industry Cooperation Group of Kyung Hee University**

2019

- 2019201122 Amplero, Inc. The application has been assigned to **Novantas, Inc.**
- 2019201836 Sanmen Yilin Eyewear Co., Ltd. The application has been assigned to **Jining Hanrui Glasses Co., Ltd.**
- 2019201840 Tiantai Jingjiu Crystal Co., Ltd. The application has been assigned to **Yongkang Meihui Lighting Co., Ltd.**
- 2019201879 Taizhou Jiaojiang Ruijiang Computer Co., Ltd. The application has been assigned to **Yongkang Meihui Lighting Co., Ltd.**
- 2019202213 Haining Jinshi Crystal Co., Ltd. The application has been assigned to **Pujiang County Jingjiu Crystal Co., Ltd.**

- 2019202518 Jiashan County Hanlin Glasses Co., Ltd. The application has been assigned to **Jining Hanrui Glasses Co., Ltd.**

- 2019253894 Amplero, Inc. The application has been assigned to **Novantas, Inc.**

- 2019257538 Acceleration Systems, LLC The application has been assigned to **Skycasters LLC**

2020

- 2020201122 X Development LLC The application has been assigned to **Boston Dynamics, Inc.**

Assignments before Grant, Section 113

- 2020201162 X Development LLC The application has been assigned to **Boston Dynamics, Inc.**
- 2020201348 X Development LLC The application has been assigned to **Boston Dynamics, Inc.**
- 2020201566 X Development LLC The application has been assigned to **Boston Dynamics, Inc.**
- 2020203454 Hygienic Process Specialists Pty Ltd The application has been assigned to **HPS Tech Pty Ltd**
- 2020900251 Y2PS Pty Ltd The application has been assigned to **Y4PS Biotechnology Pty Ltd**
- 2020900366 4 Season Company Pty Ltd The application has been assigned to **AgCoTech Pte Ltd**
- 2020900810 Y2PS PTY LTD The application has been assigned to **Y4PS Biotechnology Pty Ltd**
- 2020901950 Birbilis, Nick; Koutsonikolas, Tony; Feenstra, Darren Robert The application has been assigned to **Maple Glass Printing Pty Ltd**

Extensions of Time, Section 223**Applications Received**

Notice of opposition under Section 223(6) to the undermentioned application(s) for an extension of time may be lodged at the Patent Office within the prescribed time.

2010

2010312322 **Preston, C.** An application to extend the time from 27 Oct 2020 to 27 Jun 2020 in which to pay the renewal fee has been filed . Address for service - Freshwater IP PO BOX 953 Epping NSW 1710 AU

2013

2013201420 **Genera Biosystems Limited** An application to extend the time from 04 Oct 2019 to 04 May 2020 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014

2014359261 **Oleynik, M.** An application to extend the time from 03 Dec 2019 to 03 Jul 2020 in which to pay a renewal fee has been filed . Address for service - Adams Pluck Suite 4, Level 3 20 George Street Hornsby NSW 2077 AU

2015

2015328359 **Eos Energy Storage, LLC** An application to extend the time from 06 Oct 2019 to 06 May 2020 in which to pay the continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017101628 **Anderson, A.** An application to extend the time from 21 Nov 2019 to 21 Jun 2020 in which to pay the renewal fee has been filed . Address for service - Adam James Anderson PO Box 139 Parap NT 0804 AU

Extensions of Time, Section 223**2018**

2018200356 **Nov Condor LLC** An application to extend the time from 17 Sep 2019 to 17 May 2020 in which to pay the renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018202398 **HUNTSMAN P&A UK LIMITED** An application to extend the time from 22 Sep 2019 to 22 May 2020 in which to pay the continuation fee has been filed . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2018249619 **Flodesign Sonics, Inc.** An application to extend the time from 06 Nov 2019 to 06 May 2020 in which to enter the national phase has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2018261949 **Flodesign Sonics, Inc.** An application to extend the time from 04 Dec 2019 to 04 May 2020 in which to enter the national phase has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2018284857 **FLODESIGN SONICS, INC.** An application to extend the time from 13 Jan 2020 to 13 May 2020 in which to enter the national phase has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2019

2019201959 **Weihai Wanshuo Cup Industry Co., Ltd.** An application to extend the time from 18 Oct 2019 to 18 May 2020 in which to pay the acceptance fee has been filed . Address for service - Kaihua Dali Cup Co., Ltd. G29/21 Beissel St Belconnen ACT 2617 AU

Applications Allowed - Section 223(2)**2007**

2007257159 **Schuetzle, L.** The time in which to pay a renewal fee has been extended to 08 Feb 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2014

2014202293 **Sure Technologies Pty Ltd** The time in which to gain acceptance has been extended to 09 Nov 2020 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

2014213562 **Canaris, J.** The time in which to pay a renewal fee has been extended to 17 Apr 2020 . Address for service - Ahearn Fox GPO Box 1149 Brisbane QLD 4001 AU

2015

2015206538 **Fabric Genomics, Inc.; University of Utah** The time in which to gain acceptance has been allowed 22 Jul 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2015225442 **DemeRx, Inc.** The time in which to gain acceptance has been extended to 19 Nov 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

Extensions of Time, Section 223

2015266027 **QIAGEN GmbH** The time in which to gain acceptance has been extended to 02 Oct 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2015271944 **Proway Livestock Equipment Pty Ltd** The time in which gain acceptance has been extended to 04 Oct 2020 . Address for service - mdp Patent and Trade Mark Attorneys Level 4, 91 William Street Melbourne VIC 3000 AU

2015305892 **Supercritical Fluid Technologies, Inc.** The time in which to pay a continuation fee has been extended to 07 Apr 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2015317426 **Hegenscheidt MFD GmbH** The time in which to gain acceptance has been extended to 09 Oct 2020 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2015346342 **Niagara Bottling, LLC** The time in which to pay the acceptance fee has been extended to 12 Jul 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016

2016211197 **Filippone, C.** The time in which to gain acceptance has been extended to 09 Nov 2020 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

2016220117 **Visa International Service Association** The time in which to pay the acceptance fee has been extended to 27 Jun 2020 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2016237322 **Kabushiki Kaisha Yakult Honsha** The time in which to gain acceptance has been extended to 12 Oct 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2016282198 **Kraftig Industries Pty Ltd** The time in which to request examination has been extended to 14 Jul 2020 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2016282200 **Kraftig Industries Pty Ltd** The time in which to request examination has been extended to 14 Jul 2020 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2016363679 **DownUnder GeoSolutions Pty Ltd** The time in which to pay the acceptance fee has been extended to 12 Jul 2020 . Address for service - AUSTRALASIA IP PTY LTD PO Box 7345 Brighton VIC 3186 AU

2017

2017200129 **Swan Hill Engineering Pty Ltd** The time in which to gain acceptance has been extended to 08 Oct 2020 . Address for service - Sandercock & Cowie 1/410 Burwood Highway Wantirna South VIC 3152 AU

2017247463 **Jaguar Land Rover Limited** The time in which to gain acceptance has been extended to 08 Oct 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017263531 **Beiersdorf AG** The time in which to request examination has been extended to 14 Jul 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

Extensions of Time, Section 223

2017277070 **Alethia Life Sciences AG** The time in which to request examination has been extended to 27 Oct 2020 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2017325895 **Dizhen Coal Mine, Shandong Taishan Energy Co., Ltd.; Xinwen Mining Group Co., Ltd.; China University of Mining and Technology** The time in which to gain acceptance has been extended to 06 Oct 2020 . Address for service - Sandercock & Cowie 1/410 Burwood Highway Wantirna South VIC 3152 AU

2018

2018203013 **Thales Management & Services Deutschland GmbH** The time in which to gain acceptance has been extended to 24 Oct 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018203803 **Malvern Panalytical B.V.** The time in which to gain acceptance has been extended to 05 Nov 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018204243 **Vybion, Inc.** The time in which to gain acceptance has been extended to 10 Oct 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2018306586 **FLODESIGN SONICS, INC.; MUSIAK, Ronald; ARTIS, John; LIPKENS, Bart** The time in which to enter the National Phase has been extended to 26 Apr 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2018362997 **VR Coaster GmbH & Co. KG** The time in which to comply with a direction under Reg 3.2C has been extended to 24 May 2020 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2019

2019200643 **QIAGEN GmbH** The time in which to gain acceptance has been extended to 02 Nov 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019203882 **LAA Industries Pty Ltd** The time in which to gain acceptance has been extended to 12 Dec 2020 . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

2019240735 **LAA Industries Pty Ltd** The time in which to gain acceptance has been extended to 25 Jan 2021 . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

Amendments**Applications for Amendment**

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

Amendments

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

2013

2013205129 Plasma kallikrein binding proteins **Dyax Corp.** The nature of the amendment is: Amend the name of the inventor to read Sexton, Daniel J. and Viswanathan, Malini . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014265097 CONTACT LENS WITH IMPROVED OXYGEN TRANSMISSION **JOHNSON & JOHNSON VISION CARE, INC.** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2019 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

2015

2015231295 Antibody compositions for tumor treatment **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Jun 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2015264102 Combination therapies for the treatment of cancer **EISAI R&D MANAGEMENT CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015292864 Breast pump system and methods **ExploraMed NC7, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2015329784 N-pyridinyl acetamide derivatives as inhibitors of the Wnt signalling pathway **Redx Pharma PLC** The nature of the amendment is as shown in the statement(s) filed 25 Jun 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016244213 Plasma kallikrein binding proteins **Dyax Corp.** The nature of the amendment is: Amend the name of the inventor to read SEXTON, Daniel J. and Viswanathan, Malini . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016275716 2-(pyrazolopyridin-3-yl)pyrimidine derivatives as JAK inhibitors **Almirall, S.A.** The nature of the amendment is as shown in the statement(s) filed 17 Jun 2020 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2016428862 Optimizing automated modeling algorithms for risk assessment and generation of explanatory data **Equifax Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jul 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017

2017344489 Naphthyridinone derivatives and their use in the treatment of arrhythmia **Novartis AG** The nature of the amendment is: Amend the name of the inventor to read Barbe, Guillaume; Beberitz, Gregory Raymond; Geng, Sicong; Gulgeze Efthymiou, Hatice Belgin; Liao, Lv; Ma, Fupeng; Mo, Ruowei; Parker, David Thomas; Peng, Yunshan; Peukert, Stefan; Yamada,

Amendments

Ken; Yasoshima, Kayo and Smith, Nichola . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017401054 Light-weight & high strength non-asbestos corrugated fiber cement roofing sheets manufactured by autoclave method **HIL Limited (formerly Hyderabad Industries Limited)** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018214083 ZONE HEATING FOR RESPIRATORY CIRCUITS **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2020 . Address for service - Baldwins Intellectual Property L 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2018253476 Plasma kallikrein binding proteins **Dyax Corp.** The nature of the amendment is: Amend the name of the inventor to read SEXTON, Daniel J. and VISWANATHAN, Malini . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019204295 Plasma kallikrein binding proteins **Dyax Corp.** The nature of the amendment is: Amend the name of the inventor to read SEXTON, Daniel J. and VISWANATHAN, Malini . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made**2001**

2001260212 **GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No.2) Limited** The nature of the amendment is as shown in the statement filed 27 Jun 2018

2013

2013271401 **SomaLogic, Inc.** The nature of the amendment is: Amend the name of the inventor to read Sanders, Glenn; Kraemer, Stephan; Katilius, Evaldas and Olivas, Edgar

2013271808 **American Isostatic Presses, Inc.** The nature of the amendment is as shown in the statement filed 09 Mar 2020

2013408499 **Bird Control Group B.V.** The nature of the amendment is as shown in the statements filed 07 Feb 2020 and 27 Mar 2020

2014

2014212003 **Seres Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 03 Apr 2020

2014249190 **Meso Scale Technologies, LLC.** The nature of the amendment is as shown in the statement filed 30 Mar 2020

2014257072 **AbbVie Inc.** The nature of the amendment is as shown in the statement filed 27 Feb 2020

2014338864 **PSIOXUS THERAPEUTICS LIMITED** The nature of the amendment is as shown in the statement filed 19 Mar 2020

Amendments

2014393488 **Tecnimedede Sociedade Tecnico-Medicinal S.A.** The nature of the amendment is as shown in the statement filed 24 Mar 2020

2015

2015288014 **Rezolute, Inc.** The nature of the amendment is as shown in the statement filed 03 Apr 2020

2015295376 **Bayer Pharma Aktiengesellschaft** The nature of the amendment is as shown in the statements filed 14 Feb 2020 and 13 Mar 2020

2016

2016200099 **TrainNorman Assets Pty Ltd** The nature of the amendment is: Amend the invention title to read REFRIGERATION CABINET

2016208052 **Synthos S.A.** The nature of the amendment is as shown in the statement filed 03 Apr 2020

2016276030 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Penha, Henrique D.; Mezak, Charles A.; Manzari, Behkish J.; Lopez, Paulo M.; Clarke, Graham R.; Pivonka, Pavel; Bauer, Sebastian J.; Chaudhri, Imran A.; Dye, Alan C.; Federighi, Craig M.; Guzman, Aurelio; Ive, Jonathan; King, Nicholas V.; Titi, Justin S.; Wilson, Christopher I.; Harris, Elliot B.; Kim, Emilie; Langoulant, Brendan J.; Miura, Britt S.; Gobera Rubalcava, Daniel E.; Foss, Christopher P.; Kocienda, Kenneth L.; Preston, Daniel T.; Apodaca, Gregory M.; Bovet, Simon; Jurewitz, Michael T.; Conolly, Bethany B. and Maric, Natalia C.

2016324347 **Phillip Island Nature Park Board Of Management Inc.; Victoria University** The nature of the amendment is: Amend the name of the inventor to read Orbell, John Donald; Bigger, Stephen William; Ngeh, Lawrence Ngek; Jackson, Matthew Lyndon; Dann, Peter Michael; Agana, Bernard and Kay, David Roy

2016324347 **Phillip Island Nature Park Board Of Management Inc.; Victoria University** The nature of the amendment is: Amend the name of the inventor to read Orbell, John Donald; Bigger, Stephen William; Ngeh, Lawrence Ngek; Jackson, Matthew Lyndon; Dann, Peter Michael; Agana, Bernard and Kay, David Roy

2017

2017261477 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 09 Apr 2020

2017317293 **SEW-EURODRIVE GmbH & Co. KG** The nature of the amendment is as shown in the statement filed 31 Mar 2020

2017338057 **JFE Steel Corporation** The nature of the amendment is as shown in the statement filed 18 Jun 2020

2017443703 **Wintergerst Fisch, L.** The nature of the amendment is: Amend the invention title to read TRANSPORTABLE GRAVITATIONAL SYSTEM AND METHOD FOR GENERATING CLEAN ELECTRICAL POWER

2017444732 **NEC Corporation** The nature of the amendment is: Amend the invention title to read INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

Amendments

2018

2018101674 **Shimmin, T.** The nature of the amendment is as shown in the statements filed 20 Jan 2020 and 12 Mar 2020

2018202990 **Aerie Pharmaceuticals, Inc** The nature of the amendment is as shown in the statement filed 02 Apr 2020

2018224329 **Third Pole, Inc.** The nature of the amendment is: Amend the name of the inventor to read Zapol, David G.; Hall, Gregory W.; Scholz, Wolfgang; Apollonio, Benjamin; Heirtzler, Frank and Ferencz, Andrew

2018246502 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Equipment Installation Support System

2018261888 **Centre for Probe Development and Commercialization** The nature of the amendment is: Amend the name of the inventor to read BURAK, Eric Steven; MAHONEY, Stuart James; SIMMS, Ryan Wayne; VALLIANT, John Fitzmaurice and DARWISH, Alla

2018261890 **Centre for Probe Development and Commercialization** The nature of the amendment is: Amend the name of the inventor to read BURAK, Eric Steven; FORBES, John Richard; MORAN, Matthew David Burr; SIMMS, Ryan Wayne; VALLIANT, John Fitzmaurice and DARWISH, Alla

2018322501 **Korea Zinc Co., Ltd.** The nature of the amendment is: Amend the priority details to read 10-2018-0017920 13 Feb 2018 KR

2018328285 **Sharp Kabushiki Kaisha; FG Innovation Company Limited** The nature of the amendment is: Amend the name of the inventor to read NOGAMI, Toshizo and YIN, Zhanping

2018340862 **Abu Dhabi Ports Company PJSC** The nature of the amendment is: Amend the name of the inventor to read AL DHAHERI, Noura Ahmed Sultan Saeed and URBINA, Vinicio Alberto Gonzalez

2018353142 **Spectrum Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read CHATURVEDULA, Prasad, V. and KOLLI, Prasad

2018363890 **AMG Mineração S.A.** The nature of the amendment is: Amend the name of the inventor to read RESENDE FAZZION, Lucas; DAMASIO DE ALMEIDA, Vantuir; VALDIR GUSMAO, Carlos; OLIVEIRA COSTA, Fabiano José and DE SOUZA ARENARE, Matheus

2018371435 **ASKA Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 22 Jun 2020

2018372151 **Organicare, LLC** The nature of the amendment is as shown in the statement filed 16 Jun 2020

2018377588 **TSI Pharmaceutical (Jiangyin) Co., Ltd** The nature of the amendment is: Amend the invention title to read Method for preparing salicylamine acetate

2018387201 **Hauff-Technik GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read Tensioning ring with a tensioning section

Amendments

2018389929 **Cordivari S.r.l.** The nature of the amendment is: Amend the invention title to read Dissipator Integrated Into A Compact Solar Collector

2018390865 **Kardiozis SAS** The nature of the amendment is: Amend the priority details to read PCT/IB2017/001750 19 Dec 2017 IB

2018391035 **Millet Innovation** The nature of the amendment is as shown in the statement filed 23 Jun 2020

2018394168 **Mitsubishi Materials Corporation** The nature of the amendment is: Amend the invention title to read Method of treating wastewater

2018394843 **Yazaki Energy System Corporation** The nature of the amendment is: Amend the invention title to read SOLAR ENERGY UTILIZATION DEVICE

2018394996 **Daewoong Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 25 Jun 2020

2018395643 **Dong-A ST Co., Ltd.; KM Transderm Ltd.** The nature of the amendment is: Amend the invention title to read PERCUTANEOUS ABSORPTION PREPARATION FOR TREATING DEMENTIA COMPRISING DONEPEZIL

2018397949 **Mitsubishi Materials Corporation** The nature of the amendment is: Amend the invention title to read Method of treating wastewater

2018398493 **Yazaki Energy System Corporation** The nature of the amendment is: Amend the invention title to read Structure Body and Composite Structure Body

2018406934 **Menicon Co., Ltd.** The nature of the amendment is: Amend the invention title to read MATERIAL FOR INTRAOCULAR LENS

2018414317 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Abrasion Resistant Steel and Method for Producing Same

2018454108 **Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences** The nature of the amendment is: Amend the invention title to read DEVICE AND METHOD FOR ASSESSING DAMAGE TO HYDRATE-BEARING FORMATION

2019

2019200872 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read PENHA, Henrique D.; MEZAK, Charles A.; MANZARI, Behkish J.; LOPEZ, Paulo M.; CLARKE, Graham R.; PIVONKA, Pavel; BAUER, Sebastian J.; CHAUDHRI, Imran A.; DYE, Alan C.; FEDERIGHI, Craig M.; GUZMAN, Aurelio; IVE, Jonathan; KING, Nicholas V.; TITI, Justin S.; WILSON, Christopher I.; HARRIS, Elliot B.; KIM, Emilie; LANGOULANT, Brendan J.; MIURA, Britt S.; GOBERA RUBALCAVA, Daniel E.; FOSS, Christopher P.; KOCIENDA, Kenneth L.; PRESTON, Daniel T.; APODACA, Gregory M.; BOVET, Simon; JUREWITZ, Michael T.; CONOLLY, Bethany B. and MARIC, Natalia C.

2019201323 **Hill-Rom Services, Inc.** The nature of the amendment is: Amend the name of the inventor to read Newkirk, David C.; Sauser, Frank E.; Amrhein, Stephen S.; Borgman, Douglas E.; Johannigman, Nicole; Ramegowda, Jnanasha; Grace, Jason B.; Gilreath, Jason M.; Williamson, Rachel L.; Fisk, Brandon P.; Montini, Michael R.; Simpson, Thomas L.; Blessing, Faron L.; Voll, James D.; Choi, Kin Meng; Schultz, Frederick K.; Wager, Andrew R.; Seshadri, Sridhar Karimpuzha; Meyer, Eric R.; Gibbons, Gary R.; Shannon, Gregory J.; Churilla, Michael; Franklin, Taylor; Wagner, Catherine

Amendments

M.; Shah, Arpit; Wong, Wui Hsien; Smith, Kathryn R.; Borgman, Darrell L.; Moores, Keith; Byers, John G.; Lachenbruch, Charles A.; Corbin, Scott; Goewert, John; Guthrie, Brian; Gautier, Herve; Lellig, Jean-Francois; Kaikenger, Philippe and Guetta, Matthieu

2019214185 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read MEMORY CARD AND TERMINAL

2019225142 **Terumo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read MEDICAL DEVICE

2019274012 **Alibaba Group Holding Limited** The nature of the amendment is: Amend the invention title to read Blockchain-based virtual resource delivery and crowdfunding method and device

2020

2020100167 **Immune Medical Center** The nature of the amendment is: Amend the invention title to read Immune is a natural beverage or pudding, satisfying body needs of all essential macro- and micro-nutrients reference the recommendations of US-FDA, and/or European EFSA, and/or WHO

2020101115 **Hefei University of Technology** The nature of the amendment is: Amend the invention title to read Computed Tomography (CT) System and CT Image Reconstruction

2020201789 **Taxiprop Pty Ltd** The nature of the amendment is: Amend the divisional details to read 2018202987

2020203656 **Rebound Therapeutics Corporation** The nature of the amendment is as shown in the statement filed 15 Jun 2020

2020902085 **Intellectual Property Holdings Pty Ltd** The nature of the amendment is: Amend the invention title to read Emergency Services Warning System

Alteration of Name(s) of Applicant(s)/Patentee(s)

2003

2003200958 H.C. Starck Tantalum and Niobium GmbH The name of the patentee has been altered to **TANIOBIS GmbH**

2008

2008249229 H.C. Starck Tantalum and Niobium GmbH The name of the patentee has been altered to **TANIOBIS GmbH**

2010

2010303628 AmberGen, Inc. The name of the patentee has been altered to **Massachusetts General Hospital; AmberGen, Inc.**

2015

2015238816 AmberGen, Inc. The name of the patentee has been altered to **Massachusetts General Hospital; AmberGen, Inc.**

2016

2016100544 EWS Pty Ltd The name of the patentee has been altered to **EWS Roofing Pty Ltd**

Amendments

2016227323 Terragenic Ltd. The name of the applicant has been altered to **Electriq-Global Energy Solutions Ltd**

2016280358 Inventech Europe AB The name of the applicant has been altered to **Coloreel Group AB**

2016365729 Sansoro Health, Inc. The name of the applicant has been altered to **Datica Inc.**

2017

2017357052 Imagine Pharma The name of the applicant has been altered to **Imagine Pharma LLC**

2018

2018233178 Glance Pay Inc. The name of the applicant has been altered to **Perk Hero Software Inc.**

2018345601 Verra Therapeutics The name of the applicant has been altered to **Verra Therapeutics LLC**

2018351491 Gemini Therapeutics, Inc. The name of the applicant has been altered to **Gemini Therapeutics Inc.**

2018380433 Kedalion Therapeutics, Inc.; Reynaldo Quintana The name of the applicant has been altered to **Kedalion Therapeutics, Inc.**

2018394288 cTHALES The name of the applicant has been altered to **THALES**

2018399202 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2018401188 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2018406386 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2018406677 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2018410946 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2018410947 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2018414055 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2018414056 AUX air conditioning Limited by Share Ltd The name of the applicant has been altered to **AUX AIR CONDITIONER CO., LTD**

2020

2020100286 AnBao Environmental Protection Technology Co., Ltd. The name of the patentee has been altered to **Anbao Environmental Science & Technology Co.,Ltd.**

Amendments

2020902109 Young, Daniel James; Horton, Jeffery Andrew The name of the applicant has been altered to **Young, D.J.; Horton, J.A.**

2020902203 Advance Nano Tek Limited The name of the applicant has been altered to **Astivita Limited; Advance Nano Tek Limited**

Applications Open to Public Inspection

Name Index

- . (*) Title not in Roman characters
- . (**) Title not given

(71) 4D Pharma Research Limited
 (11) AU-A-2020204265
 (21) 2020204265 (22) 26.06.2020
 (54) Compositions comprising bacterial strains
 (51) Int. Cl.

A61K 35/74 (2015.01)
A23L 33/135 (2016.01)
A61P 25/28 (2006.01)

(43) 16.07.2020
 (62) 2018285445
 (72) MULDER, Imke Elisabeth; ETTORRE, Anna; AHMED, Suaad; FOTIADOU, Parthena; URCIA, Joseph Roby Iringan; SAVIGNAC, Helene
 (74) FB Rice Pty Ltd

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2020204282
 (21) 2020204282 (22) 26.06.2020
 (54) Application interface and display control in an analyte monitoring environment

(51) Int. Cl.
G06F 21/30 (2013.01)

(43) 16.07.2020
 (62) 2014370122
 (72) Berman, Glenn; Crouther, Nathan; Love, Michael R.; Sloan, Mark
 (74) FPA Patent Attorneys Pty Ltd

(71) ABT Holding Company; Oregon Health and Science University
 (11) AU-A-2020204242
 (21) 2020204242 (22) 25.06.2020
 (54) Immunomodulatory properties of multipotent adult progenitor cells and uses thereof

(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 35/28 (2006.01)
A61P 37/06 (2006.01)

(43) 16.07.2020
 (62) 2018202929
 (72) Deans, Robert; Van't Hof, Wouter; Mazarz, Richard; Streeter, Philip; Kovacovics, Magdalena
 (74) Shelston IP Pty Ltd.

(71) Accenture Global Solutions Limited
 (11) AU-A-2019222934
 (21) 2019222934 (22) 30.08.2019
 (54) CLOUD-BASED DATABASE-LESS SERVERLESS FRAMEWORK USING DATA FOUNDATION
 (51) Int. Cl.
G06F 15/16 (2006.01)
G06F 16/10 (2019.01)
 (31) 16/235,815 (32) 28.12.18 (33) US

(43) 16.07.2020
 (72) SRINIVASAN, Madhan Kumar; PURUSHOTHAMAN, Arun; ACHANTA, Vijaya Tapaswi
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019268056
 (21) 2019268056 (22) 18.11.2019
 (54) ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED INCIDENT MANAGEMENT
 (51) Int. Cl.

G06Q 10/00 (2012.01)
G06N 5/00 (2006.01)

(31) 16/232,881 (32) 26.12.18 (33) US
 (43) 16.07.2020
 (72) GHOSH, Sankar; SENGUPTA, Priyadarshi; NANDY, Reshmi; BISARYA, Amit
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2020204202
 (21) 2020204202 (22) 24.06.2020
 (54) SKILL PROFICIENCY SYSTEM
 (51) Int. Cl.

G06Q 10/06 (2012.01)
 (43) 16.07.2020
 (62) 2018250383
 (72) COLETTA, Nicole; VENKATESWARA, Shekar Nalle Pilli; GOODYER, Susan; WACKER, James H.; BOAZ, Nathan M.
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2020204266
 (21) 2020204266 (22) 26.06.2020
 (54) ARTIFICIAL INTELLIGENCE AND ROBOTIC PROCESS AUTOMATION FOR AUTOMATED DATA MANAGEMENT
 (51) Int. Cl.

G06Q 10/10 (2012.01)
G10L 15/18 (2013.01)
 (43) 16.07.2020
 (62) 2018274925
 (72) DIWAN, Gaurav; GOGUEN, Tracy Ann
 (74) Murray Trento & Associates Pty Ltd

(71) Allergan Pharmaceuticals International Limited
 (11) AU-A-2020204197
 (21) 2020204197 (22) 24.06.2020
 (54) In vivo synthesis of elastic fiber
 (51) Int. Cl.
A61K 38/39 (2006.01)
A61P 17/02 (2006.01)
A61Q 19/08 (2006.01)

(43) 16.07.2020
 (62) 2019204915
 (72) Weiss, Anthony; Mithieux, Suzanne
 (74) FPA Patent Attorneys Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2020204260
 (21) 2020204260 (22) 26.06.2020
 (54) Controllable drug delivery system and method of use
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/142 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)

(43) 16.07.2020
 (62) 2015271767
 (72) Tamtoro, Ferry; Yang, Huaying; Lee, Mark Ka Lai; Yin, Desheng; Gibson, Scott R.; Busby, Donald; Shultz, Peter V.; Kogler, Keith P.; Taha, Basel Hasan; Ward, Jimmie L.; Folk, Christopher R.; McCullough, Adam B.; Badelt, Steven William
 (74) Shelston IP Pty Ltd.

(71) Apple Inc.
 (11) AU-A-2020204256
 (21) 2020204256 (22) 26.06.2020
 (54) Implementation of biometric authentication
 (51) Int. Cl.
G06K 9/00 (2006.01)

(43) 16.07.2020
 (62) 2020201306
 (72) VAN OS, Marcel; ABBASIAN, Reza; ANTON, Peter D.; BEHZADI, Arian; BERNSTEIN, Jeffrey Traer; DASCOLA, Jonathan R.; DEVINE, Lynne; DRYER, Allison; FOSS, Christopher Patrick; GRIFFIN, Bradley W.; LEMMENS, Cas; MALIA, Joseph A.; MARI, Pedro; MOHSENI, Daamun; MOUILLESEAUX, Jean-Pierre M.; MOUSSETTE, Camille; PAUL, Grant; PRESTON, Daniel Trent; PUGH, Chelsea E.; SHARMA, Praveen; TYLER, William M.; VERWEIJ, Hugo; YING, Charles H.; YERKES, Giancarlo; DYE, Alan C.; IVE, Jonathan P.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020204259
 (21) 2020204259 (22) 26.06.2020
 (54) Wellness data aggregator
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06F 3/048 (2006.01)
G06Q 50/22 (2012.01)

(43) 16.07.2020
 (62) 2018206772
 (72) YANG, Lawrence Y.; FOSTER, James H.; KEEN, Daniel S.; KENNEDY, Zachery;

Applications Open to Public Inspection - Name Index cont'd

- LEMAY, Stephen O.; O'REILLY, Michael;
PARK, Dennis S.; SOLI, Christopher D.;
TRIBBLE, Guy L.; WHITEHURST, Todd
K.
(74) FPA Patent Attorneys Pty Ltd
-
- (71)** Apple Inc.
(11) AU-A-2020204278
(21) 2020204278 **(22)** 26.06.2020
(54) Music now playing user interface
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CREASED EXPRESSION FOR GENE
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C09B 17/00 (2006.01)
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A61K 31/50 (2006.01)
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A61P 29/00 (2006.01)
C07D 237/24 (2006.01)
C07D 401/12 (2006.01)
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B05B 11/04 (2006.01)
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C12N 15/82 (2006.01)
C12N 5/04 (2006.01)

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C07H 21/04 (2006.01)
A01H 5/10 (2006.01)
C12N 15/82 (2006.01)
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A61K 31/16 (2006.01)
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TION
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C07D 239/553 (2006.01)
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H04W 72/04 (2009.01)
H04L 27/26 (2006.01)
H04W 16/32 (2009.01)
H04W 24/10 (2009.01)
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 and mobile Heart Attack Monitor and alert
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 video rendering
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 HEN, Amit
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 H01R 13/74 (2006.01)
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 (21) 2020100963

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 (21) 2020100964

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| 2020100955 | Norton, M. | | |
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| 2020100960 | Guilin Univ. Electr. Technol.; YUAN, L. | | |
| 2020100961 | Guilin Univ. Electr. Technol.; YUAN, L. | | |
| 2020100963 | Shenzhen University; YUAN, T. | | |
| 2020100964 | Shenzhen University; YUAN, T. | | |
| 2020100967 | Polyplas International Pty Ltd | | |
| 2020100968 | Yao, Y. | | |
| 2020100969 | Institute of Cotton Research of Chinese Academy of Agricul- tural Sciences | | |
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A61P 31/04 (2006.01)
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A61P 3/10 (2006.01)
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B25J 18/00 (2006.01)
B65G 49/06 (2006.01)
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C12N 5/074 (2010.01)
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C07K 14/725 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C12N 9/78 (2006.01)
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A47C 27/08 (2006.01)
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A61F 5/56 (2006.01)
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C12Q 1/68 (2018.01)
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B02C 4/30 (2006.01)
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G11C 5/14 (2006.01)
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H02S 40/20 (2014.01)
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E04B 1/76 (2006.01)
E05D 15/58 (2006.01)
E06B 3/90 (2006.01)
F25B 15/00 (2006.01)
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B01D 53/26 (2006.01)
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E04B 1/76 (2006.01)
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C03C 27/06 (2006.01)
E06B 3/40 (2006.01)
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| 2017441231 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018379853 | Efficient Auctions LLC |
| 2017441494 | M-Techx Inc. | 2018380746 | Romedis GmbH |
| 2017441775 | Guangdong OPPO Mobile Telecommunications Corp., Ltd. | 2018381046 | ECS-BioTracker Sàrl |
| 2017441778 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018381574 | Oscotec Inc. |
| 2017441947 | Fomatec Oy | 2018382122 | ShanghaiTech University |
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| 2017442003 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018382676 | Konecranes Global Corporation |
| 2017443420 | Shenzhen Institutes of Advanced Technology | 2018382678 | Konecranes Global Corporation |
| 2017443703 | Wintergerst Fisch, L. | 2018383060 | Agro Innovation International |
| 2017444367 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018383433 | Raytheon Company |
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| 2018347203 | Alibaba Group Holding Limited | 2018383664 | Inovio Pharmaceuticals, Inc. |
| 2018347204 | Alibaba Group Holding Limited | 2018383708 | UBI IP Holdings |
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| 2018359356 | CRRC Qingdao Sifang Rolling Stock Research Institute Co., Ltd. | 2018385559 | Stellenbosch University |
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| 2018373053 | Lunella Biotech, Inc. | 2018385899 | Holland Colours N.V. |
| 2018373258 | Dart Neuroscience, LLC | 2018386552 | Carbios |
| 2018373389 | PROSTACARE PTY LTD; Larson, T. | 2018386719 | Weir Minerals Australia Ltd |
| 2018373404 | Leica Biosystems Imaging, Inc. | 2018386721 | The University of Queensland |
| 2018373661 | Evonik Operations GmbH | 2018387110 | Boehringer Ingelheim Vetmedica GmbH |
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| 2018374514 | Excillum AB | 2018388342 | Lurie, K. |
| 2018375020 | Setevox (Pty) Ltd | 2018388395 | Komatsu Forest AB |
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| 2018375161 | Leica Biosystems Imaging, Inc. | 2018388573 | SQZ Biotechnologies Company |
| 2018375185 | Leica Biosystems Imaging, Inc. | 2018388791 | The Rockefeller University |
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| 2018375222 | The Regents of the University of Colorado, a Body Corporate | 2018389242 | Resolys Bio, Inc. |
| 2018375358 | Leica Biosystems Imaging, Inc. | 2018389313 | Impetis Biosciences Ltd. |
| 2018375724 | Epizyme, Inc. | 2018389831 | University of the Witwatersrand, Johannesburg |
| 2018375754 | Amicus Therapeutics, Inc. | 2018389929 | Cordivari S.r.l. |
| 2018375823 | Leica Biosystems Imaging, Inc. | 2018390132 | hVIVO Services Limited |
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| 2018375987 | Vaxxilon AG | 2018390986 | Tritium Pty Ltd |
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| 2018377138 | Weedout Ltd. | 2018391532 | Institute of Geological and Nuclear Sciences Limited; Futter, R.; Davidson, R. |
| 2018377588 | TSI Pharmaceutical (Jiangyin) Co., Ltd | 2018391894 | Daikin Industries, Ltd. |
| 2018377602 | Samsung Electronics Co., Ltd. | 2018392217 | Saipem S.p.A. |
| 2018377751 | Adagene Inc. | 2018392621 | W. L. Gore & Associates, Inc. |
| 2018377859 | Dobre Holdings Pty Ltd | 2018392709 | The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College |
| 2018378313 | Holley Performance Products, Inc. | 2018393082 | Superbolt, Inc. |
| 2018378315 | Holley Performance Products, Inc. | 2018393155 | Guangdong OPPO Mobile Telecommunications Corp., Ltd. |
| 2018378356 | Cybele Microbiome, Inc. | 2018393322 | Touchstone International Medical Science Co., Ltd. |
| 2018378981 | Laboratorios Salvat, S.A. | 2018393493 | HAVAS, F.; VON OPPEN-BEZAEL, L.; BEN-CHITRIT, O.; PERRY, I. |
| 2018379225 | SurgeryTech ApS | 2018394090 | Lyft, Inc. |
| 2018379509 | LG Electronics Inc. | 2018394106 | Leica Biosystems Imaging, Inc. |

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| 2018394138 | Fehrmann GmbH | 2018404869 | Qualcomm Incorporated |
| 2018394156 | Deutsches Institut für Lebensmitteltechnik e.V. | 2018405499 | W.L.Gore & Associates, Inc. |
| 2018394168 | Mitsubishi Materials Corporation | 2018405772 | Sandvik SRP AB |
| 2018394170 | Sharp Kabushiki Kaisha; FG Innovation Company Limited | 2018406934 | Menicon Co., Ltd. |
| 2018394182 | Hyogo College of Medicine ; Nippon Zoki Pharmaceutical Co., Ltd. | 2018408306 | Essity Hygiene and Health Aktiebolag |
| 2018394189 | Kyowa Kirin Co., Ltd. | 2018410489 | Electrolux Appliances Aktiebolag |
| 2018394288 | cTHALES | 2018413669 | Guangdong Oppo Mobile Telecommunications Corp. , Ltd. |
| 2018394843 | Yazaki Energy System Corporation | 2018414317 | Nippon Steel Corporation |
| 2018394844 | Yazaki Energy System Corporation | 2018414440 | Essity Hygiene and Health Aktiebolag |
| 2018394846 | Yazaki Energy System Corporation | 2018427247 | Huawei Technologies Co., Ltd. |
| 2018394936 | Deroyal Industries, Inc. | 2018445403 | Ozzie's Enterprises LLC |
| 2018394955 | Sleep Number Corporation | 2018454108 | Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences |
| 2018394976 | Tesaro, Inc. | 2019205093 | Celon Pharma S.A. |
| 2018395012 | Bionox Inc. | 2019205128 | Shanghai Lumosa Therapeutics Co., Ltd.; Lumosa Therapeutics Co., Ltd. |
| 2018395054 | The Scripps Research Institute | 2019205241 | Armata Pharmaceuticals, Inc. |
| 2018395235 | Sleep Number Corporation | 2019205242 | Armata Pharmaceuticals, Inc. |
| 2018395238 | Sleep Number Corporation | 2019205273 | Alpine Immune Sciences, Inc. |
| 2018395242 | Sleep Number Corporation | 2019205315 | MaxCyte, Inc.; Peshwa, M.; Li, L. |
| 2018395245 | Sleep Number Corporation; Young, S. | 2019205351 | Sapience Therapeutics, Inc. |
| 2018395275 | BioMarin Pharmaceutical Inc. | 2019205423 | Niemczyk, A. |
| 2018395281 | Gongwin Biopharm Co., Ltd. | 2019205542 | Regeneron Pharmaceuticals, Inc. |
| 2018395288 | Armstrong Hardwood Flooring Company | 2019205596 | Subsea 7 Norway AS |
| 2018395337 | Haier Smart Home Co., Ltd. | 2019205752 | Petromac IP Limited |
| 2018395387 | Profusa, Inc. | 2019205865 | Trudell Medical International |
| 2018395427 | Google LLC | 2019205879 | TLE. Inc |
| 2018395791 | Celon Pharma S.A. | 2019205912 | Palleon Pharmaceuticals Inc. |
| 2018395869 | Waymo LLC | 2019205949 | Ocula Corporation |
| 2018395944 | Woodstream Corporation | 2019205958 | Niemczyk, A. |
| 2018395952 | Waymo LLC | 2019206298 | Citrix Systems, Inc. |
| 2018396009 | HDL Therapeutics, Inc. | 2019206299 | Northrop Grumman Systems Corporation |
| 2018396052 | Fresenius Medical Care Holdings, Inc. | 2019206342 | Telefonaktiebolaget LM Ericsson (publ) |
| 2018396142 | Kymera Therapeutics, Inc. | 2019206370 | C.R. Bard, Inc. |
| 2018397588 | General Electric Company | 2019206391 | Gila Therapeutics, Inc |
| 2018397616 | Baker Hughes Oilfield Operations LLC | 2019206441 | Encite, LLC |
| 2018397684 | Cytokinetics, Incorporated | 2019206471 | Shell Internationale Research Maatschappij B.V. |
| 2018397705 | 2661881 Ontario Limited | 2019206477 | Shell Internationale Research Maatschappij B.V. |
| 2018397729 | Ripple Foods PBC | 2019206492 | Metimedi Pharmaceuticals Co., Ltd. |
| 2018397890 | Suntory Holdings Limited | 2019206536 | Tufts Medical Center, Inc.; Abiomed, Inc. |
| 2018397910 | Takeda Pharmaceutical Company Limited | 2019206573 | The General Hospital Corporation |
| 2018397949 | Mitsubishi Materials Corporation | 2019206581 | Vadivelu, N. |
| 2018398050 | Sekisui Chemical Co., Ltd. | 2019206607 | Tyton BioSciences, LLC |
| 2018398052 | Sekisui Chemical Co., Ltd. | 2019206623 | Prolynx LLC |
| 2018398234 | Innovative Transport Limited | 2019206648 | Genzyme Corporation |
| 2018398493 | Yazaki Energy System Corporation | 2019206652 | ENB Therapeutics, Inc. |
| 2018399599 | SCYNEXIS, Inc. | 2019206724 | Pfizer Inc.; Kite Pharma, Inc. |
| 2018399629 | Corn Products Development, Inc. | 2019206958 | Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd |
| 2018399641 | Khloris Biosciences, Inc.; The Board of Trustees of the Le-land Stanford Junior University | 2019207072 | Jiangsu Hengrui Medicine Co., Ltd. |
| 2018399714 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2019207296 | Nanjing Legend Biotech Co., Ltd. |
| 2018399890 | DEHN SE + Co KG | 2019207468 | Bissell Inc. |
| 2018399899 | Coloplast A/S | 2019207655 | Hettich-ONI GmbH & Co. KG |
| 2018400004 | Asahi Group Holdings, Ltd. | 2019207703 | Cibus US LLC; Cibus Europe B.V. |
| 2018400077 | CG Bio Co., Ltd. | 2019207739 | BP Corporation North America Inc. |
| 2018400078 | CG Bio Co., Ltd. | 2019207785 | Telefonaktiebolaget LM Ericsson (publ) |
| 2018400162 | Xpozer B.V. | 2019207915 | Amgen Inc. |
| 2018400196 | VADOVATIONS, INC.; Stanfield, J.; Vladovich, M.; Maher, T. | 2019208331 | Cytokinetics, Inc. |
| 2018400231 | Oovvuu Pty Ltd | 2019208480 | Oxford Genetics Limited |
| 2018400359 | ThyssenKrupp Industrial Solutions AG; Thyssenkrupp AG | 2019209163 | S. C. Johnson & Son, Inc. |
| 2018400475 | Covidien LP | 2019209270 | MTD Products Inc |
| 2018400487 | AFL Telecommunications LLC | 2019209386 | QinetiQ Limited |
| 2018400507 | Cedars-Sinai Medical Center | 2019209594 | Gilead Sciences, Inc. |
| 2018400804 | General Electric Company | 2019209831 | Loparex Germany GmbH & Co. KG |
| 2018400808 | General Electric Company | 2019209832 | Eyenovia, Inc. |
| 2018401078 | Triastek, Inc. | 2019210010 | Atelerix Limited |
| 2018401298 | Bukwang Pharmaceutical Co., Ltd. | 2019210014 | Johnson & Johnson Surgical Vision, Inc. |
| 2018401594 | Comrod AS | 2019210085 | Soilmec S.p.A |
| 2018401608 | Array BioPharma Inc. | 2019210725 | Rio Tinto Alcan International Limited |
| 2018403910 | Huawei Technologies Co., Ltd. | 2019211025 | WellGuard AS |
| 2018404848 | Patentec AS | 2019211136 | LTS Lohmann Therapie-Systeme AG |
| | | 2019211232 | Dexcom, Inc. |

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| 2019211265 | Panduit Corp. | 2019303427 | Hanwha Corporation |
| 2019211717 | Mitsui Sugar Co., Ltd. | 2019308140 | S. C. Johnson & Son, Inc. |
| 2019211964 | Qualcomm Incorporated | 2019320945 | F. Hoffmann-La Roche AG |
| 2019212127 | Qualcomm Incorporated | 2019325887 | Flexicon Corporation |
| 2019212170 | AC Immune SA; Life Molecular Imaging SA | 2019333835 | M & J SCIENTIFIC, LLC |
| 2019212180 | Janssen Vaccines & Prevention B.V. | 2019333836 | M & J SCIENTIFIC, LLC |
| 2019212318 | DePuy Synthes Products, Inc. | 2019342180 | I-Mab Biopharma US Limited |
| 2019212319 | DePuy Synthes Products, Inc. | 2019374161 | China University of Mining and Technology; Suzhou Huamei Electromechanical Co., Ltd. |
| 2019212686 | Hennepin Healthcare System, Inc. | 2019377130 | F. Hoffmann-La Roche AG |
| 2019212840 | University of Pittsburgh - of the Commonwealth System of Higher Education | 2019382299 | Genloci Biotechnologies Inc. |
| 2019212977 | Precision Planting LLC | 2019391608 | Fleet Space Technologies Pty Ltd |
| 2019212991 | Allnex Netherlands B.V. | 2020203171 | Shanghai 55 Information Technology Co., Ltd |
| 2019213004 | F. Hoffmann-La Roche AG | | |
| 2019213047 | The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College | | |
| 2019213090 | Kabushiki Kaisha Toyota Jidoshokki | | |
| 2019213211 | Enterprise Therapeutics Limited | | |
| 2019213690 | Johnson & Johnson Vision Care, Inc. | | |
| 2019213691 | Johnson & Johnson Vision Care, Inc. | | |
| 2019214017 | Centre for Digestive Diseases | | |
| 2019214044 | Toray Industries, Inc. | | |
| 2019214185 | Huawei Technologies Co., Ltd. | | |
| 2019214404 | Universität Basel; Universität Freiburg | | |
| 2019214824 | BASF SE | | |
| 2019215243 | Bayer Healthcare LLC | | |
| 2019215270 | Qualcomm Incorporated | | |
| 2019215340 | Northrop Grumman Systems Corporation | | |
| 2019215709 | Boehringer Ingelheim International GmbH | | |
| 2019215782 | JCR Pharmaceuticals Co., Ltd. | | |
| 2019216085 | CJ Cheiljedang Corporation | | |
| 2019216247 | Eli Lilly and Company | | |
| 2019217002 | Toray Industries, Inc. | | |
| 2019218827 | Haldor Topsøe A/S | | |
| 2019219004 | F. Hoffmann-La Roche AG; Genentech, Inc. | | |
| 2019219196 | Ocado Innovation Limited | | |
| 2019220150 | Grundfos Holding A/S | | |
| 2019220202 | thyssenkrupp Marine Systems GmbH; thyssenkrupp AG | | |
| 2019220377 | TRiCares SAS | | |
| 2019221436 | Borealis AG | | |
| 2019222652 | Dana-Farber Cancer Institute, Inc. | | |
| 2019224735 | Grifols Diagnostic Solutions Inc. | | |
| 2019225142 | Terumo Kabushiki Kaisha | | |
| 2019225721 | Alden Advanced Technologies, Inc. | | |
| 2019225805 | Dana-Farber Cancer Institute, Inc. | | |
| 2019225806 | Dana-Farber Cancer Institute, Inc. | | |
| 2019226028 | Apogee Enterprises, Inc. | | |
| 2019229524 | OilQuick Deutschland GmbH | | |
| 2019230754 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | | |
| 2019231699 | CHEN, A. | | |
| 2019232404 | Cotesi - Companhia de Têxteis Sintéticos, S.A. | | |
| 2019234146 | Telefonaktiebolaget LM Ericsson (publ) | | |
| 2019235330 | F. Hoffmann-La Roche AG | | |
| 2019237053 | Plöckl GmbH & Co. Industrieoptik KG | | |
| 2019237104 | Dana-Farber Cancer Institute, Inc. | | |
| 2019242549 | Boston Scientific Scimed, Inc. | | |
| 2019246661 | Council of Scientific and Industrial Research | | |
| 2019260548 | Creo Medical Limited | | |
| 2019268439 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | | |
| 2019271267 | Q.E.D. Environmental Systems, Inc. | | |
| 2019274012 | Alibaba Group Holding Limited | | |
| 2019275406 | Celanese EVA Performance Polymers Corporation | | |
| 2019275409 | Celanese EVA Performance Polymers Corporation | | |
| 2019279282 | CJ Cheiljedang Corporation | | |
| 2019283688 | Northrop Grumman Systems Corporation | | |
| 2019284132 | Hanwha Corporation | | |
| 2019284135 | Hanwha Corporation | | |
| 2019284156 | Hanwha Corporation | | |
| 2019302727 | Kaneka Eurogentec S.A. | | |
| 2019303424 | PetroChina Company Limited | | |
| 2019303425 | Hanwha Corporation | | |
| 2019303426 | Hanwha Corporation | | |

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| | | 2019242549 | 2019206391 | 2019342180 | <u>A61L 27 /-</u> |
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| <u>C02F 1 /-</u> | 2019218827 | <u>C07D 413 /-</u> | 2018396009 | <u>C09D 167 /-</u> | 2018375754 |
| 2018394168 | | 2019208331 | 2018397910 | 2019212991 | 2018386552 |
| 2018397949 | <u>C07C 69 /-</u> | 2019205128 | 2019205128 | | 2018392709 |
| | 2018387110 | 2019205273 | 2019205351 | <u>C09D 175 /-</u> | 2018395012 |
| <u>C03C 27 /-</u> | 2019218827 | 2019206573 | 2019206573 | 2019212991 | 2019205128 |
| 2018398493 | | 2019207703 | 2019224735 | | 2019205912 |
| | <u>C07D 207 /-</u> | 2018382122 | | <u>C09J 7 /-</u> | 2019213047 |
| <u>C07B 59 /-</u> | 2018382122 | 2018395275 | <u>C07K 16 /-</u> | 2019209831 | 2019215782 |
| 2019212170 | 2018387110 | 2019208331 | 2018377751 | | 2019279282 |
| | <u>C07D 213 /-</u> | 2019213211 | 2018382527 | <u>C09K 5 /-</u> | <u>C12P 13 /-</u> |
| <u>C07C 1 /-</u> | 2019213211 | 2018374456 | 2018383709 | 2018387884 | 2019216085 |
| 2019213211 | | 2019212170 | 2018388791 | 2018387985 | 2019279282 |
| | <u>C07D 231 /-</u> | <u>C07D 487 /-</u> | 2018391026 | 2018388050 | <u>C12P 19 /-</u> |
| <u>C07C 209 /-</u> | 2019208331 | 2018396142 | 2018397910 | 2018391186 | 2018399629 |
| 2018377588 | | 2019205128 | 2019205128 | 2018391894 | |
| | <u>C07D 239 /-</u> | 2019205273 | 2019205912 | <u>C12M 1 /-</u> | <u>C12P 21 /-</u> |
| <u>C07C 211 /-</u> | 2018397684 | 2019207072 | 2019206724 | 2019302727 | 2019207296 |
| 2018377588 | 2018401298 | 2019216247 | 2019206958 | <u>C12M 3 /-</u> | <u>C12Q 1 /-</u> |
| | <u>C07D 243 /-</u> | 2019320945 | 2019207296 | 2019207915 | 2018378356 |
| <u>C07C 213 /-</u> | 2019225805 | <u>C07D 491 /-</u> | 2019215782 | 2018388573 | 2018384824 |
| 2018377588 | 2019225806 | 2018373258 | 2019219004 | 2018398050 | 2018392709 |
| | <u>C07D 249 /-</u> | <u>C07D 498 /-</u> | 2019235330 | 2018398052 | 2018394182 |
| <u>C07C 215 /-</u> | 2018376310 | 2019215709 | 2019342180 | <u>C12N 1 /-</u> | 2019211232 |
| 2018377588 | 2018395275 | <u>C07D 519 /-</u> | <u>C07K 19 /-</u> | 2018395054 | 2019213047 |
| | <u>C07D 271 /-</u> | 2018373258 | 2018383708 | 2019302727 | 2019224735 |
| <u>C07C 253 /-</u> | 2019208331 | <u>C07D 519 /-</u> | 2018388079 | <u>C12N 15 /-</u> | <u>C21D 8 /-</u> |
| 2018387110 | 2018376310 | 2018373258 | 2018388102 | 2018370765 | 2018414317 |
| | <u>C07D 271 /-</u> | <u>C07F 9 /-</u> | 2019205912 | 2018375108 | <u>C22B 3 /-</u> |
| <u>C07C 255 /-</u> | 2019208331 | 2018373053 | 2019215782 | 2018377138 | 2018394168 |
| 2018375724 | 2018376310 | <u>C07D 519 /-</u> | <u>C08F 8 /-</u> | 2018384824 | 2018397949 |
| 2018387110 | 2018395275 | 2018373258 | 2018398050 | 2018388079 | |
| | <u>C07D 295 /-</u> | <u>C07F 9 /-</u> | 2018388102 | 2018388102 | <u>C22C 14 /-</u> |
| <u>C07C 273 /-</u> | 2019320945 | 2019213004 | 2019205912 | 2018392709 | 2018400804 |
| 2018392217 | 2019320945 | <u>C07H 15 /-</u> | 2019215782 | 2018395012 | <u>C22C 21 /-</u> |
| | <u>C07D 309 /-</u> | 2018375986 | <u>C08G 18 /-</u> | 2018397910 | 2018394138 |
| <u>C07C 307 /-</u> | 2018387110 | 2018375987 | 2019214824 | 2019205315 | |
| 2019213211 | 2019213211 | <u>C07H 1 /-</u> | <u>C08G 63 /-</u> | 2019206958 | <u>C22C 38 /-</u> |
| | <u>C07D 311 /-</u> | <u>C07H 21 /-</u> | 2019212991 | 2019207296 | 2018392217 |
| 2018375724 | 2019208331 | 2018375108 | <u>C08J 3 /-</u> | 2019207703 | 2018414317 |
| | 2018376872 | 2018395054 | 2018385899 | 2019208480 | <u>C23C 14 /-</u> |
| <u>C07C 317 /-</u> | 2018376872 | 2019213004 | <u>C08J 9 /-</u> | 2019213047 | 2019342180 |
| 2018375724 | <u>C07D 401 /-</u> | <u>C07H 9 /-</u> | 2018373053 | 2019215782 | |
| | 2018395275 | 2018375987 | <u>C07J 43 /-</u> | 2019279282 | <u>C23C 14 /-</u> |
| <u>C07C 319 /-</u> | 2018395275 | <u>C07H 15 /-</u> | 2019222652 | 2019302727 | 2018391532 |
| 2019216085 | 2018397684 | 2018375986 | <u>C07J 71 /-</u> | 2019342180 | |
| | 2019208331 | 2018375987 | 2019205542 | <u>C12N 5 /-</u> | <u>C25C 3 /-</u> |
| <u>C07C 323 /-</u> | 2019213211 | <u>C07J 43 /-</u> | <u>C07K 14 /-</u> | 2018388079 | 2019210725 |
| 2019216085 | 2019214044 | 2018375987 | 2018357091 | 2018388573 | |
| | 2019377130 | <u>C07H 15 /-</u> | 2018370765 | 2018394189 | <u>C40B 30 /-</u> |
| <u>C07C 51 /-</u> | <u>C07D 403 /-</u> | 2018375986 | 2018383664 | 2018397910 | 2018378356 |
| 2019218827 | 2018374456 | 2018375987 | 2018383708 | 2018398050 | |
| | 2018395275 | <u>C07J 43 /-</u> | 20183884824 | 2018398052 | |
| <u>C07C 57 /-</u> | 2019208331 | 2019222652 | 2019213690 | 2019210010 | |
| 2019205093 | 2019225806 | <u>C07J 71 /-</u> | 2019213691 | 2019342180 | |
| | 2019320945 | 2019205542 | | | |

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| <u>D01G 11 /-</u> | | <u>F02B 75 /-</u> | <u>F16H 55 /-</u> | | 2018388573 |
| 2019206607 | <u>E21B 10 /-</u> | 2018404848 | 2019237104 | <u>F25B 1 /-</u> | <u>G01N 21 /-</u> |
| | 2018401594 | | | 2018387884 | 2018357091 |
| <u>D01G 5 /-</u> | <u>E21B 17 /-</u> | <u>F02D 41 /-</u> | <u>F16J 15 /-</u> | 2018387985 | 2018375161 |
| 2019206607 | 2019205752 | 2018378313 | 2018376814 | 2018388050 | 2019333835 |
| | | | | 2018391186 | |
| <u>D06B 3 /-</u> | <u>E21B 19 /-</u> | <u>F02D 9 /-</u> | <u>F16K 11 /-</u> | 2018391894 | <u>G01N 23 /-</u> |
| 2019206607 | 2018375185 | 2018378313 | 2019206441 | <u>F25B 15 /-</u> | 2019246661 |
| | 2019205752 | 2018378315 | 2019212977 | 2018394844 | <u>G01N 3 /-</u> |
| <u>D06F 37 /-</u> | | <u>F02M 51 /-</u> | <u>F16K 21 /-</u> | <u>F25D 11 /-</u> | 2019303424 |
| 2018410489 | <u>E21B 23 /-</u> | 2018378313 | 2019212977 | 2018395337 | <u>G01N 30 /-</u> |
| | 2018385362 | 2018378315 | | | 2019333836 |
| <u>D06F 39 /-</u> | 2019205752 | <u>F02M 69 /-</u> | <u>F16K 27 /-</u> | <u>F41H 13 /-</u> | <u>G01N 33 /-</u> |
| 2018410489 | <u>E21B 3 /-</u> | 2018378313 | 2019212977 | 2018385236 | 2018357091 |
| | 2019210085 | 2018378315 | <u>F16K 5 /-</u> | <u>F42D 1 /-</u> | 2018378356 |
| <u>D06F 58 /-</u> | <u>E21B 33 /-</u> | <u>F03B 17 /-</u> | 2019212977 | 2019284132 | 2018384824 |
| 2018379509 | 2018385362 | 2017443703 | <u>F16L 33 /-</u> | 2019284135 | 2018388791 |
| | 2019205752 | <u>F04B 47 /-</u> | 2018387201 | 2019284156 | 2018394182 |
| <u>E01C 19 /-</u> | <u>E21B 41 /-</u> | <u>F04B 49 /-</u> | <u>F16L 5 /-</u> | <u>F42D 3 /-</u> | 2018396009 |
| 2019209270 | 2018385362 | 2018397588 | 2018387201 | 2019303425 | 2019206648 |
| | 2019205596 | 2019220150 | <u>F16L 55 /-</u> | 2019303426 | 2019211232 |
| <u>E01H 1 /-</u> | <u>E21B 43 /-</u> | <u>F04B 51 /-</u> | 2018387201 | 2019303427 | 2019224735 |
| 2019209270 | 2018385362 | 2018397588 | <u>F21S 8 /-</u> | <u>G01B 11 /-</u> | 2019246661 |
| | 2018397588 | 2019220150 | 2019205949 | <u>G01B 9 /-</u> | <u>G01N 35 /-</u> |
| <u>E02D 3 /-</u> | <u>E21B 47 /-</u> | <u>F04D 13 /-</u> | <u>G01B 9 /-</u> | 2018373404 | 2018374379 |
| 2019205423 | 2018397588 | 2018397588 | <u>G01B 9 /-</u> | 2018374382 | 2018374383 |
| | | 2019220150 | <u>G01C 21 /-</u> | 2018375358 | 2018375185 |
| <u>E02F 3 /-</u> | <u>E21B 49 /-</u> | <u>F04D 15 /-</u> | <u>G01C 21 /-</u> | <u>G01C 21 /-</u> | 2018375823 |
| 2019209270 | 2018397616 | 2019220150 | 2018286612 | <u>G01R 19 /-</u> | <u>G01R 19 /-</u> |
| 2019210085 | 2018445403 | <u>F04D 29 /-</u> | <u>G01C 22 /-</u> | 2019209163 | 2019308140 |
| 2019229524 | 2019211025 | 2018386719 | <u>G01C 22 /-</u> | 2019308140 | <u>G01R 31 /-</u> |
| | | <u>F04D 29 /-</u> | <u>G01C 23 /-</u> | 2018377859 | 2019209163 |
| <u>E02F 5 /-</u> | <u>E21B 49 /-</u> | 2019220150 | <u>G01C 23 /-</u> | 2018377859 | 2019308140 |
| 2019210085 | 2018454108 | <u>F04D 29 /-</u> | <u>G01C 3 /-</u> | <u>G01C 3 /-</u> | <u>G01S 13 /-</u> |
| | | 2018386719 | 2018377859 | 2018377859 | 2018383433 |
| <u>E04B 1 /-</u> | <u>E21B 7 /-</u> | <u>F16B 31 /-</u> | <u>G01C 7 /-</u> | <u>G01C 7 /-</u> | <u>G01S 15 /-</u> |
| 2018394844 | 2019205596 | 2018393082 | <u>G01C 7 /-</u> | <u>G01L 23 /-</u> | 2018394288 |
| 2018394846 | 2019210085 | <u>F16D 11 /-</u> | <u>G01L 23 /-</u> | <u>G01L 23 /-</u> | <u>G01V 1 /-</u> |
| 2018398493 | <u>E21C 25 /-</u> | 2019209386 | <u>G01L 23 /-</u> | <u>G01L 23 /-</u> | <u>G01V 1 /-</u> |
| | 2019374161 | <u>F16D 21 /-</u> | <u>G01L 9 /-</u> | <u>G01L 9 /-</u> | <u>G01V 3 /-</u> |
| <u>E05D 15 /-</u> | <u>E21D 21 /-</u> | 2018382678 | <u>G01L 9 /-</u> | <u>G01N 1 /-</u> | 2018445403 |
| 2018394844 | 2018375020 | <u>F16D 11 /-</u> | <u>G01C 7 /-</u> | <u>G01N 1 /-</u> | <u>G02B 1 /-</u> |
| 2019207655 | <u>F01B 9 /-</u> | 2019209386 | <u>G01C 7 /-</u> | 2017443420 | 2018445403 |
| | 2018404848 | <u>F16D 21 /-</u> | <u>G01L 23 /-</u> | <u>G01N 1 /-</u> | <u>G02B 1 /-</u> |
| <u>E05F 5 /-</u> | 2018404848 | 2019209386 | <u>G01L 23 /-</u> | 2018373404 | 2019213690 |
| 2019207655 | <u>F01N 1 /-</u> | <u>F16G 11 /-</u> | <u>G01L 9 /-</u> | 2018374379 | 2019213691 |
| | 2019213090 | 2018382678 | <u>G01L 9 /-</u> | 2018374382 | |
| <u>E06B 3 /-</u> | <u>F01N 3 /-</u> | 2019237104 | <u>G01N 1 /-</u> | 2018375823 | |
| 2018394844 | 2019213090 | <u>F16H 1 /-</u> | <u>G01N 1 /-</u> | | |
| 2018398493 | 2019213090 | <u>F16H 3 /-</u> | <u>G01N 1 /-</u> | | |
| 2019226028 | <u>F02B 41 /-</u> | 2018394843 | <u>G01N 1 /-</u> | | |
| | 2018404848 | 2018394843 | <u>G01N 1 /-</u> | | |
| <u>E06B 5 /-</u> | | 2019237104 | <u>G01N 1 /-</u> | | |
| 2018394843 | | <u>F16H 3 /-</u> | <u>G01N 1 /-</u> | | |
| 2018394844 | | 2018394843 | <u>G01N 1 /-</u> | | |
| 2018394846 | | 2019209386 | <u>G01N 1 /-</u> | | |
| | | 2018389929 | <u>G01N 1 /-</u> | | |
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| 2018374383 | 2018394106 | 2019206471 | 2019206299 | 2018395869 | 2017444367 |
| 2018374385 | | 2019206477 | 2019215340 | 2018395952 | |
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| | <u>G06N 20 /-</u> | | | | |
| 2018387126 | | <u>H01H 37 /-</u> | <u>H04B 1 /-</u> | <u>H04Q 9 /-</u> | <u>H04W 88 /-</u> |
| | 2018395235 | | | | |
| <u>G02B 27 /-</u> | 2018395238 | 2018399890 | 2018413669 | 2019206471 | 2018379536 |
| | | | | 2019206477 | 2019391608 |
| 2018427247 | <u>G06Q 30 /-</u> | <u>H01H 39 /-</u> | <u>H04B 17 /-</u> | | |
| | | | | <u>H04R 17 /-</u> | <u>H04W 92 /-</u> |
| <u>G02B 5 /-</u> | 2018400004 | 2018399890 | 2019234146 | | |
| | 2019219196 | | | 2018377602 | 2018379536 |
| 2018394843 | | <u>H01H 79 /-</u> | <u>H04B 7 /-</u> | | 2018394170 |
| | <u>G06Q 40 /-</u> | | | <u>H04W 16 /-</u> | |
| <u>G02B 6 /-</u> | | 2018399890 | 2018379536 | | |
| | 2019274012 | | 2018393155 | 2019234146 | |
| 2018400487 | <u>G06Q 50 /-</u> | <u>H01J 35 /-</u> | 2019211964 | | |
| | | | 2019234146 | <u>H04W 28 /-</u> | |
| <u>G02B 7 /-</u> | | 2018374514 | | | |
| | 2018394090 | | <u>H04L 1 /-</u> | 2017442003 | |
| 2018375358 | 2018400231 | <u>H01J 37 /-</u> | | 2018393155 | |
| | | | 2019207785 | | |
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| | | | <u>H04L 12 /-</u> | | |
| 2019213690 | 2018375189 | <u>H01L 31 /-</u> | | 2018379536 | |
| 2019213691 | | | 2019391608 | 2018399714 | |
| | <u>G06T 7 /-</u> | 2019221436 | | | |
| <u>G05B 15 /-</u> | | | <u>H04L 25 /-</u> | <u>H04W 4 /-</u> | |
| | 2017444732 | <u>H01T 1 /-</u> | | | |
| 2018375161 | | | 2019206342 | 2019268439 | |
| <u>G05B 17 /-</u> | <u>G08B 21 /-</u> | 2018399890 | | 2019391608 | |
| | | | <u>H04L 27 /-</u> | | |
| 2018408306 | | <u>H02G 15 /-</u> | | <u>H04W 40 /-</u> | |
| | 2018408306 | | 2019206342 | | |
| 2019211232 | <u>G08B 25 /-</u> | 2018400487 | | 2017445062 | |
| | | | <u>H04L 29 /-</u> | | |
| <u>G05B 23 /-</u> | | <u>H02G 3 /-</u> | | <u>H04W 48 /-</u> | |
| | 2018408306 | | 2018393155 | | |
| 2018388395 | <u>G08G 1 /-</u> | 2018387201 | 2019206298 | 2018379536 | |
| | | 2018400487 | | | |
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| | 2017444732 | | | | |
| 2018377602 | <u>G09B 23 /-</u> | <u>H02J 3 /-</u> | 2018379536 | 2018393155 | |
| | | | 2019206342 | 2018404869 | |
| <u>G06F 16 /-</u> | 2018388342 | 2019220202 | 2019207785 | | |
| | | | 2019212127 | <u>H04W 56 /-</u> | |
| 2018400231 | <u>G09B 5 /-</u> | <u>H02J 7 /-</u> | 2019215270 | | |
| | | | | 2018404869 | |
| <u>G06F 17 /-</u> | 2019205949 | 2019209163 | <u>H04L 9 /-</u> | | |
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| | | <u>H02S 40 /-</u> | 2018347204 | 2017441231 | |
| <u>G06F 21 /-</u> | 2018400162 | | 2018347205 | 2017441778 | |
| | | 2018394843 | 2018348339 | | |
| 2018349940 | <u>G09G 5 /-</u> | | 2018379853 | <u>H04W 72 /-</u> | |
| 2018384097 | | <u>H03F 1 /-</u> | | | |
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| | <u>G11C 5 /-</u> | | 2019230754 | 2019215270 | |
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| <u>G06F 9 /-</u> | | 2019260548 | | | |
| | <u>G16H 20 /-</u> | | 2018374385 | 2017441775 | |
| 2018384097 | | <u>H03H 7 /-</u> | 2018375189 | 2019215270 | |
| | 2018385559 | | | | |
| <u>G06K 19 /-</u> | | 2018390986 | <u>H04N 21 /-</u> | <u>H04W 76 /-</u> | |
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C12Q 1/68 (2006.01)
C07H 21/00 (2006.01)
C40B 30/04 (2006.01)
C40B 40/06 (2006.01)
C40B 40/10 (2006.01)
G01N 33/48 (2006.01)
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B01D 21/02 (2006.01)
C02F 11/12 (2006.01)
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A61K 47/04 (2006.01)

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A61K 47/36 (2006.01)

A61K 47/38 (2006.01)

A61P 25/24 (2006.01)

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G01F 1/20 (2006.01)
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B65D 25/14 (2006.01)
C03C 17/30 (2006.01)
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A61P 35/00 (2006.01)
C07D 307/80 (2006.01)
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C07D 403/12 (2006.01)
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C08L 33/20 (2006.01)
C09K 21/00 (2006.01)
C09K 21/10 (2006.01)
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A61P 3/10 (2006.01)
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| 2014405270 | Prysmian S.p.A. | 2015359370 | Thales |
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| 2015215927 | Johnson & Johnson Vision Care, Inc. | 2015368047 | Samsung Electronics Co., Ltd. |
| 2015217528 | Welch Allyn, Inc. | 2015370046 | DePuy Synthes Products, Inc. |
| 2015218857 | Fresenius Medical Care Holdings, Inc. | 2015370428 | National Research Council of Canada; Bank of Canada |
| 2015228878 | Centre National de la Recherche Scientifique; Assistance Publique - Hopitaux de Paris; Sorbonne Université | 2015370586 | Smith & Nephew plc |
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| 2015256205 | Visa International Service Association | 2015374527 | Microsoft Technology Licensing, LLC |
| 2015258836 | Vivus, Inc. | 2015378897 | Value Feet |
| 2015259466 | DePuy Synthes Products, Inc. | 2015381699 | R.P. Scherer Technologies, LLC |
| 2015261841 | University of Copenhagen | 2015387168 | iRobot Corporation |
| 2015266930 | Edgewell Personal Care Brands, LLC | 2015390249 | Halliburton Energy Services, Inc. |
| 2015267166 | Microsoft Technology Licensing, LLC | 2015393155 | Bio Ammo, S.L. |
| 2015270396 | Volution Immuno Pharmaceuticals SA | 2015393397 | Kimberly-Clark Worldwide, Inc. |
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| 2015288086 | Microsoft Technology Licensing, LLC | 2016205022 | Dullen, D. |
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| 2015314833 | Single Buoy Moorings Inc. | 2016214283 | AB Science |
| 2015317444 | FluoGuide A/S | 2016215190 | CiDRA Corporate Services Inc. |
| 2015317896 | Joy Global Underground Mining LLC | 2016215233 | F'real Foods, LLC |
| 2015324347 | Haddock, D.; Haddock, R. | 2016216693 | Railblaza Ltd |
| 2015327742 | Hendon Semiconductors Pty Ltd | 2016219575 | Covidien LP |
| 2015327913 | Oracle International Corporation | 2016222134 | Maersk Drilling A/S |
| | | 2016222265 | Rollease Acmeda Pty Ltd |

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| 2016224126 | Challenge Pumps Pty Ltd | 2016328792 | Subsea 7 Limited |
| 2016225025 | Squarex, LLC | 2016328882 | MJN U.S. Holdings LLC |
| 2016228760 | Viventia Bio Inc. | 2016329935 | AmorePacific Corporation |
| 2016228944 | Asto CT LLC | 2016331659 | Relectrify Holdings Pty Ltd |
| 2016229897 | Covidien LP | 2016332481 | USound GmbH |
| 2016230125 | CYTLIMIC Inc. | 2016333721 | Boehringer Ingelheim International GmbH |
| 2016231289 | F. Hoffmann-La Roche AG | 2016335035 | VQ Innovation |
| 2016232364 | Lisega SE | 2016335888 | Union Carbide Corporation; Rohm and Haas Company |
| 2016233153 | Acument Intellectual Properties, LLC | 2016338602 | Boehringer Ingelheim International GmbH |
| 2016235054 | Kaleo, Inc. | 2016340091 | Polynt Composites USA, Inc. |
| 2016239194 | Maxamcorp Holding, S.L. | 2016341280 | Greeneden U.S. Holdings II, LLC |
| 2016239586 | Meda AB | 2016345575 | Société des Produits Nestlé S.A. |
| 2016241836 | Yuyama Mfg. Co., Ltd. | 2016348773 | Philip Morris Products S.A. |
| 2016244742 | Comet Biorefining Inc. | 2016351093 | Sony Corporation |
| 2016244858 | Borgwarner Inc.; Man Truck & Bus AG | 2016358448 | Hovione Scientia Limited |
| 2016245078 | Mayfair Vermögensverwaltungs SE | 2016360122 | Alibaba Group Holding Limited |
| 2016246394 | General Electric Company | 2016362114 | Symap Medical (Suzhou), Ltd |
| 2016246770 | SRI International | 2016368302 | Valent BioSciences LLC |
| 2016246814 | EPC Power Corporation | 2016368542 | Bracco Imaging SpA |
| 2016247673 | Alcon Inc. | 2016372245 | Antaros Medical AB |
| 2016248947 | Pfizer Inc. | 2016373710 | University College Dublin, National University of Ireland, Dublin |
| 2016251640 | Biogen MA Inc | 2016386958 | Johnson Matthey Davy Technologies Limited |
| 2016254019 | The Regents of the University of Michigan | 2016396601 | Limited Liability Company "New Gas Technologies-Synthesis" (Llc "Ngt-Synthesis") |
| 2016254020 | United States Government as represented by the Department Of Veterans Affairs | 2016418245 | MED-EL Elektromedizinische Geraete GmbH |
| 2016256328 | O&M Halyard International Unlimited Company | 2016420646 | Canon Kabushiki Kaisha |
| 2016257639 | Berhalter AG | 2016422505 | Huawei Technologies Co., Ltd. |
| 2016259545 | ENERGIZER BRANDS UK LIMITED | 2016426446 | Huawei Technologies Co., Ltd. |
| 2016260385 | Biocarb Pty Ltd | 2016433512 | Kitty Hawk Corporation |
| 2016260407 | Aqua Metals Inc. | 2017206910 | Grünenthal GmbH |
| 2016261125 | Cron dall Energy Consultants Ltd. | 2017207467 | Grünenthal GmbH |
| 2016262348 | Hexcel Corporation | 2017212151 | Propanc Pty Ltd |
| 2016265427 | LMK Technologies, LLC | 2017220374 | Metis Technologies Pty Ltd |
| 2016266753 | Weatherford Technology Holdings, LLC | 2017226398 | Alibaba Group Holding Limited |
| 2016268754 | Desch, A. | 2017228842 | Downunder Geosolutions Pty Ltd. |
| 2016269508 | ABB Schweiz AG | 2017230042 | Minalyze AB |
| 2016270020 | Medtronic Xomed, Inc. | 2017241895 | World Emergency Network-Nevada, Ltd. |
| 2016270495 | Ethicon, Inc. | 2017243973 | Financial & Risk Organisation Limited |
| 2016271838 | Sanofi-Aventis Deutschland GmbH | 2017245046 | Honbusankei Co., Ltd. |
| 2016274433 | Bayer Pharma Aktiengesellschaft | 2017247309 | Sun, L. |
| 2016275742 | Joma International AS | 2017250431 | H. Lundbeck A/S |
| 2016276418 | STW S.r.l. | 2017254990 | Sankyo Frontier Co., Ltd. |
| 2016276420 | STW S.r.l. | 2017256430 | LIDL Hong Kong Limited |
| 2016278902 | Société des Produits Nestlé S.A. | 2017261511 | ADIENNE Pharma & Biotech SA |
| 2016279819 | Bayer CropScience Aktiengesellschaft | 2017265051 | Strata Safety Products, LLC |
| 2016280744 | SICPA HOLDING SA | 2017269608 | Norgen Biotek Corp. |
| 2016280839 | Immatics Biotechnologies GmbH | 2017270496 | Turun yliopisto |
| 2016282828 | Les Laboratoires Servier; Vernalis (R&D) Limited | 2017271530 | SWIMC LLC |
| 2016284930 | Alcon Inc. | 2017272787 | Husqvarna AB |
| 2016285328 | Ethicon, Inc. | 2017283496 | RenovaCare Sciences Corp. |
| 2016286431 | Philip Morris Products S.A. | 2017292436 | Sony Semiconductor Solutions Corporation |
| 2016287661 | Board of Regents, University of Texas System | 2017293074 | Siemens Mobility GmbH |
| 2016288468 | Novozymes A/S; DSM IP Assets B.V. | 2017298002 | EREMA Engineering Recycling Maschinen und Anlagen Gesellschaft m.b.H. |
| 2016289324 | Casale SA | 2017301292 | Tech Corporation Co., Ltd. |
| 2016292908 | National ICT Australia Limited | 2017301677 | ExxonMobil Upstream Research Company |
| 2016293999 | Neuronano AB | 2017302659 | RMH Tech LLC |
| 2016297832 | Sorrento Therapeutics, Inc. | 2017313074 | Scott Technologies, Inc. |
| 2016297998 | Crown Equipment Corporation | 2017317025 | Kitty Hawk Corporation |
| 2016300169 | Innospec Limited | 2017318546 | Dyson Technology Limited |
| 2016301745 | Ube Industries, Ltd. | 2017326977 | Qualcomm Incorporated |
| 2016302384 | Aucentra Therapeutics Pty Ltd | 2017331735 | Women at Work Group Pty Ltd |
| 2016306425 | Sharp Kabushiki Kaisha | 2017332357 | Qualcomm Incorporated |
| 2016307642 | ATC Holdings Limited | 2017332907 | Cataler Corporation |
| 2016307964 | ViaSat, Inc. | 2017333055 | Shenzhen Chipscreen Biosciences Co., Ltd. |
| 2016310484 | Surgiquest, Inc. | 2017333751 | Inventio AG |
| 2016314543 | Hetero Labs Ltd. | 2017333837 | International Business Machines Corporation |
| 2016318344 | PolyActiva Pty Ltd | 2017337002 | Huawei Technologies Co., Ltd. |
| 2016319736 | BAE Systems Hägglunds Aktiebolag | 2017346076 | KCIS Co., Ltd. |
| 2016320987 | Tokyo Women's Medical University | 2017347510 | Thru Tubing Solutions, Inc. |
| 2016325019 | Société des Produits Nestlé S.A. | | |
| 2016327835 | PepsiCo, Inc. | | |

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| 2017350238 | Mitsubishi Heavy Industries Thermal Systems, Ltd. | 2018239578 | Toyo Seikan Co., Ltd. |
| 2017357115 | Conmed Corporation | 2018240189 | Oy Halton Group Ltd. |
| 2017358759 | Baker Hughes Holdings, LLC | 2018241098 | Allergan, Inc. |
| 2017360376 | CHEP Technology Pty Limited | 2018241169 | QMR (IP) Pty Ltd |
| 2017366668 | Google LLC | 2018249241 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. |
| 2017372454 | Nippon Telegraph and Telephone Corporation | 2018250519 | NewLeaf Symbiotics, Inc. |
| 2017376711 | Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences | 2018250622 | Roadtec, Inc. |
| 2017379659 | Motorola Solutions, Inc. | 2018253479 | Ab Initio Technology LLC |
| 2017380643 | Rheinmetall MAN Military Vehicles GmbH | 2018256323 | Becton, Dickinson and Company |
| 2017382375 | bioMerieux, Inc. | 2018256489 | Kabushiki Kaisha Toshiba |
| 2017382833 | ELC Management LLC | 2018256492 | Kabushiki Kaisha Toshiba |
| 2017386098 | Google LLC | 2018256550 | Vifor Pharma Technology Ltd. |
| 2017387092 | Chronicle LLC | 2018260799 | CSR Building Products Limited |
| 2017389098 | LG Electronics Inc. | 2018260867 | Smith's Consumer Products, Inc. |
| 2017392558 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018263980 | NTT DOCOMO, INC. |
| 2017395075 | IHI Corporation | 2018263981 | NTT DOCOMO, INC. |
| 2017395383 | Guangdong OPPO Mobile Telecommunications Corp., Ltd. | 2018263982 | NTT DOCOMO, INC. |
| 2017396894 | Eurofilters Holding N.V. | 2018264036 | Eisai R&D Management Co., Ltd. |
| 2017398923 | Outotec (Finland) Oy | 2018265411 | Axsome Therapeutics, Inc. |
| 2017407165 | Steris Inc. | 2018266025 | Mitsubishi Heavy Industries Thermal Systems, Ltd. |
| 2017412054 | Hangzhou Tangji Medical Technology Co., Ltd. | 2018267565 | COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD. |
| 2017413518 | Xuzhou Usure Mining Technology Co., Ltd; China University Of Mining And Technology | 2018268334 | Fillon Technologies |
| 2017421048 | Shenzhen Accompany Tech Co., Ltd | 2018271277 | PTC Therapeutics, Inc. |
| 2017443546 | Ecole Polytechnique Federale de Lausanne (EPFL) | 2018272476 | Komatsu Ltd. |
| 2018200389 | Immatics Biotechnologies GmbH | 2018278844 | Sage Therapeutics, Inc. |
| 2018202546 | Posture Perfector LLC | 2018278901 | BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. |
| 2018202782 | Ablynx NV | 2018278930 | Stryker Corporation |
| 2018202895 | Stryker Corporation | 2018279007 | Lantheus Medical Imaging, Inc. |
| 2018202929 | ABT Holding Company; Oregon Health and Science University | 2018282251 | Darkon Pty Ltd |
| 2018203529 | Nexus Capital Holdings Pte Ltd | 2018282316 | BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. |
| 2018203533 | AL-KO International Pty Ltd | 2018283056 | Sunfire GmbH |
| 2018203866 | Anchor Wall Systems, Inc. | 2018283958 | LignaMed, LLC |
| 2018204156 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI; Genzyme Corporation | 2018286601 | Deutsches Krebsforschungszentrum; Faulstich, H. |
| 2018204261 | Corning Incorporated | 2018288644 | ELC Management LLC |
| 2018204529 | Phonovation Limited | 2018289195 | LG Electronics Inc. |
| 2018204623 | President and Fellows of Harvard College | 2018292510 | Ecolab USA Inc. |
| 2018204774 | Nortek Air Solutions Canada, Inc.; University of Saskatchewan | 2018300147 | Swirls, Inc. |
| 2018205116 | SKC Co., Ltd. | 2018300872 | Hitachi Construction Machinery Co., Ltd. |
| 2018205162 | Dow AgroSciences LLC | 2018301992 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. |
| 2018205166 | Advanced Elemental Technologies, Inc. | 2018302335 | Board of Trustees of Michigan State University |
| 2018206315 | LG Electronics Inc. | 2018317494 | The University of Melbourne; Rubicon Research Pty Ltd |
| 2018206425 | Exedra AS | 2018323969 | Eli Lilly and Company |
| 2018206800 | Affinity Tool Works LLC | 2018327218 | Alibaba Group Holding Limited |
| 2018208458 | ETH Zürich | 2018338103 | Nacuity Pharmaceuticals, Inc. |
| 2018214037 | LG Chem, Ltd. | 2018352461 | University of Wollongong |
| 2018214123 | PETROLIAM NASIONAL BERHAD (PETRONAS) | 2018371302 | Fatty Industries Pty Ltd |
| 2018216735 | W. L. Gore & Associates, Inc. | 2018385335 | Waymo LLC |
| 2018217316 | Sea Street Technologies, Inc. | 2018389093 | 3M Innovative Properties Company |
| 2018220095 | Transocean Innovation Labs Ltd | 2018405437 | China University of Mining and Technology; Xuzhou Usure Mining Technology Co., Ltd |
| 2018220194 | 3M Innovative Properties Company | 2019200067 | The Ames Companies, Inc. |
| 2018222674 | Rognsøy, R. | 2019200070 | Bio-Rad Laboratories, Inc. |
| 2018222965 | Boehringer Ingelheim Vetmedica GmbH | 2019200105 | VAN BUSKIRK, P. |
| 2018228068 | Komatsu Ltd. | 2019200237 | Joy Global Surface Mining Inc |
| 2018228541 | Kangpu Biopharmaceuticals, Ltd. | 2019200427 | Lumus Ltd. |
| 2018228883 | Boston Scientific Scimed, Inc.; Universite Libre de Bruxelles | 2019200750 | CareFusion 303, Inc. |
| 2018229429 | ELBIT SECURITY SYSTEMS LTD | 2019200893 | Suntory Holdings Limited |
| 2018229526 | Tata Consultancy Services Limited | 2019200952 | Vanderbilt University |
| 2018229784 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2019201072 | Cidara Therapeutics, Inc. |
| 2018230040 | Raytheon Company | 2019201172 | Durect Corporation |
| 2018230202 | Alibaba Group Holding Limited | 2019201264 | Cancer Research Technology, LLC |
| 2018231170 | Altor Bioscience Corporation | 2019201409 | 8 Rivers Capital, LLC |
| 2018232924 | The Regents of the University of California | 2019201444 | CSI Cells Co., Ltd. |
| 2018232950 | SIEMAG TECBERG GmbH | 2019201475 | McCloskey International Limited |
| 2018232952 | Immatics Biotechnologies GmbH | 2019201521 | Mexichem Fluor S.A. de C.V. |
| 2018233054 | Air Products and Chemicals, Inc. | 2019201724 | Rani Therapeutics, LLC |
| 2018234004 | Asahi Kasei Kabushiki Kaisha | 2019202184 | Microsoft Technology Licensing, LLC |
| 2018238977 | LG Electronics Inc. | 2019202371 | Ningbo Jiatai Eyewear Co., Ltd. |
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2019203037 Black & Decker Inc.
2019203039 Black & Decker Inc.
2019203326 Veltek Associates, Inc.
2019203417 CHAN LI MACHINERY CO., LTD.
2019203418 Snap-on Incorporated
2019203560 Ecolab USA, Inc.
2019203722 CiDRA Corporate Services Inc.; Davis, M.
2019203827 Qualcomm Incorporated
2019203828 Pro-Iroda Industries, Inc.
2019204093 Tantum Optics LLC
2019204181 Bioway., Inc
2019204240 The Boeing Company
2019204246 Becton, Dickinson and Company
2019204497 Civitas Therapeutics, Inc.
2019204518 Afyx Therapeutics A/S
2019204938 Novartis AG
2019204947 A123 Systems, LLC
2019204979 Acceleron Pharma, Inc.
2019205000 Huawei Device Co., Ltd.
2019206121 W.L. Gore & Associates, Inc.
2019210626 SAINT-GOBAIN ISOVER
2019213368 Benestad Solutions AS
2019216629 KIM, S.H.
2019219765 Tableau Software, Inc.
2019226131 H.J. Heinz Company Brands LLC
2019226179 ServiceNow, Inc.
2019226209 Roadtec, Inc.
2019229402 Google LLC
2019232844 Desiccare, Inc.
2019252455 Nokia Technologies Oy
2019264564 Guangzhou Classic & Fresh Crafts Co., Limited
2019268198 AdvanSix Resins & Chemicals LLC
2019268217 Electrocore, LLC
2020200490 Cardiac Pacemakers, Inc.
2020201302 Thule Sweden AB
2020202173 Chengdu Yefan Science and Technology Co., Ltd
2020202194 Chengdu Yefan Science and Technology Co., Ltd
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2020202213 Chengdu Yefan Science and Technology Co., Ltd
2020202337 Lifetrack Medical Systems Private Ltd.
2020204153 Apple Inc.

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| 2019204518 | 2019202806 | 2015231041 | | 2016289324 | <u>B25B 17 /-</u> |
| | | 2015250574 | <u>A63B 69 /-</u> | | |
| <u>A61L 101 /-</u> | <u>A61N 1 /-</u> | 2015341913 | | <u>B01L 3 /-</u> | 2014400237 |
| | | 2015360006 | 2018202546 | | |
| 2017245046 | 2015335774 | 2016214283 | <u>A63C 5 /-</u> | 2015274660 | <u>B25B 23 /-</u> |
| | 2016293999 | 2016230125 | | 2015283689 | |
| <u>A61L 2 /-</u> | 2016362114 | 2016231289 | 2014295899 | 2015339569 | 2019203418 |
| | 2016418245 | 2016248947 | | 2017382375 | |
| 2017245046 | 2019268217 | 2016280839 | <u>B01D 19 /-</u> | <u>B03D 1 /-</u> | <u>B25B 5 /-</u> |
| 2017407165 | | 2016282828 | | | |
| 2018202895 | <u>A61P 1 /-</u> | 2016328619 | 2018222674 | <u>B04C 11 /-</u> | 2018206800 |
| | | 2016333721 | | | |
| <u>A61L 27 /-</u> | 2018323969 | 2017212151 | <u>B01D 21 /-</u> | 2017398923 | <u>B25H 3 /-</u> |
| | | 2018231170 | | | |
| 2016358448 | <u>A61P 11 /-</u> | 2018286601 | 2016224126 | <u>B05B 11 /-</u> | 2016200829 |
| 2018241098 | | 2018352461 | <u>B01D 53 /-</u> | | |
| | 2014245132 | 2019204938 | | 2016215190 | <u>B25J 1 /-</u> |
| <u>A61L 29 /-</u> | 2015339089 | <u>A61P 37 /-</u> | 2017332907 | <u>B05B 11 /-</u> | 2016205198 |
| | 2015371294 | | 2017395075 | | |
| 2018256323 | | 2015228878 | | 2016239586 | <u>B25J 13 /-</u> |
| | <u>A61P 13 /-</u> | 2015270396 | <u>B01F 1 /-</u> | 2018222965 | |
| <u>A61L 31 /-</u> | | 2015341913 | | 2018288644 | 2016205198 |
| | 2016274433 | 2016230125 | 2015298986 | <u>B05B 7 /-</u> | |
| 2016270495 | 2016301745 | 2018202929 | 2019203560 | | <u>B25J 19 /-</u> |
| | 2018208458 | 2018228541 | <u>B01F 13 /-</u> | 2017283496 | |
| <u>A61M 1 /-</u> | | 2018264036 | | <u>B05B 9 /-</u> | 2018256489 |
| | <u>A61P 17 /-</u> | <u>A61P 43 /-</u> | 2018204623 | | |
| 2015370586 | | | | 2017283496 | <u>B25J 5 /-</u> |
| 2017357115 | 2015339089 | 2014245132 | <u>B01F 15 /-</u> | | |
| | <u>A61P 19 /-</u> | 2015250574 | | | 2018256489 |
| <u>A61M 13 /-</u> | | | | | |
| | 2015339089 | | | | |
| 2016310484 | | | | | |
| 2017357115 | | | | | |

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| | | | | | |
|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| B25J 9 /- | 2018203533 | B65B 9 /- | 2018389093 | C05C 5 /- | 2015304860 |
| 2016205198 | B60R 16 /- | 2016241836 | B66D 1 /- | 2016260385 | 2016282828 |
| B26F 1 /- | 2016297998 | B65D 1 /- | 2019200237 | C05C 7 /- | 2017333055 |
| 2016257639 | 2016331659 | 2018288644 | B66F 9 /- | 2016260385 | 2018228541 |
| B27N 3 /- | B60R 9 /- | B65D 19 /- | 2016297998 | C05G 1 /- | 2018302335 |
| 2016245078 | 2020201302 | 2017360376 | B82B 1 /- | 2016260385 | C07D 213 /- |
| B28D 1 /- | B60W 50 /- | B65D 25 /- | 2015370428 | C07C 205 /- | 2018214123 |
| 2019226209 | 2016297998 | 2018204261 | B82Y 20 /- | 2016279819 | C07D 215 /- |
| B29C 37 /- | B61B 3 /- | B65D 30 /- | 2015370428 | C07C 211 /- | 2014360743 |
| 2015346014 | 2018203529 | 2018239578 | C01B 11 /- | 2018214123 | C07D 223 /- |
| B29C 41 /- | B62D 55 /- | B65D 37 /- | 2017245046 | C07C 217 /- | 2016231289 |
| 2015346014 | 2016319736 | 2017261511 | C01B 25 /- | 2016279819 | C07D 231 /- |
| B29C 44 /- | B63B 1 /- | B65D 41 /- | 2019204947 | C07C 231 /- | 2015341913 |
| 2016307642 | 2016261125 | 2016327835 | C01B 3 /- | 2016358448 | 2016300169 |
| B29C 63 /- | B63B 15 /- | 2018288644 | 2018283056 | C07C 235 /- | 2018279007 |
| 2016265427 | 2017331735 | B65D 45 /- | C01B 32 /- | 2015304860 | C07D 235 /- |
| B32B 17 /- | B63B 21 /- | 2016327835 | 2017395075 | C07C 237 /- | 2017206910 |
| 2018204261 | 2017331735 | B65D 47 /- | 2018234004 | 2016358448 | 2017207467 |
| B32B 27 /- | B63B 35 /- | 2019203560 | C01C 1 /- | C07C 257 /- | C07D 239 /- |
| 2016340091 | 2016261125 | B65D 5 /- | 2016289324 | 2016358448 | 2018271277 |
| 2018239578 | B63B 39 /- | 2016256328 | C01G 13 /- | 2016279819 | 2019204181 |
| B32B 33 /- | 2016261125 | B65D 51 /- | 2018214123 | C07C 273 /- | C07D 241 /- |
| 2018239578 | B63C 11 /- | 2016327835 | C01G 19 /- | 2015374094 | 2018302335 |
| B41J 29 /- | 2016328792 | B65D 65 /- | 2016280744 | C07C 29 /- | C07D 257 /- |
| 2019203326 | B63H 11 /- | 2018239578 | C01G 49 /- | 2016386958 | 2016314543 |
| B42D 25 /- | 2016268754 | B65D 83 /- | 2016280744 | C07C 31 /- | 2016368542 |
| 2015370428 | B64C 13 /- | 2016256328 | C02F 1 /- | 2016386958 | C07D 261 /- |
| B43L 1 /- | 2016433512 | 2017382833 | 2017245046 | C07C 319 /- | C07D 261 /- |
| 2017271530 | B64C 19 /- | B65G 43 /- | 2017301292 | 2018338103 | C07D 307 /- |
| B60B 9 /- | 2016433512 | 2018250622 | C02F 11 /- | C07C 323 /- | C07D 333 /- |
| 2016216693 | B65B 1 /- | B65G 65 /- | 2016224126 | 2018338103 | 2016282828 |
| B60C 7 /- | 2016241836 | 2019201475 | C03C 17 /- | C07C 41 /- | C07D 401 /- |
| 2016216693 | B65B 3 /- | B65H 57 /- | 2018204261 | 2018283958 | 2015341913 |
| B60F 3 /- | 2018268334 | 2019203417 | C03C 21 /- | C07C 43 /- | 2016301745 |
| 2016319736 | B65B 51 /- | 2017333751 | 2018204261 | 2018283958 | 2017206910 |
| B60K 6 /- | 2016241836 | B66B 1 /- | C04B 35 /- | C07D 207 /- | 2018228541 |
| 2016331659 | B65B 57 /- | 2018232950 | 2018234004 | 2016207014 | 2018323969 |
| B60P 3 /- | 2016241836 | B66C 23 /- | 2018234004 | 2016287661 | C07D 403 /- |
| | | | | 2016300169 | 2015341913 |
| | | | | 2016300169 | 2016231289 |
| | | | | 2016300169 | 2016282828 |
| | | | | | 2016301745 |
| | | | | | 2017206910 |
| | | | | | 2018208458 |

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|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|
| 2018264036 | 2015304860 | 2015275440 | 2015371311 | C09K 8 /- | |
| 2018323969 | C07D 501 /- | 2015298156 | 2017220374 | | C12P 21 /- |
| 2019201264 | | 2015343013 | | 2015390249 | |
| C07D 405 /- | 2015304860 | 2016248947 | C08L 5 /- | | 2014245132 |
| | | 2018202782 | | C09K 9 /- | 2015381699 |
| 2015371294 | C07F 15 /- | 2018214037 | 2018241098 | 2016280744 | C12P 33 /- |
| 2016282828 | | 2018231170 | C08L 51 /- | | |
| 2016301745 | 2015304860 | 2018286601 | | C10G 35 /- | 2016329935 |
| 2017206910 | | 2019200070 | 2015371311 | 2016396601 | C12Q 1 /- |
| C07D 407 /- | C07F 7 /- | C07K 19 /- | | | |
| | 2016301745 | | C08L 67 /- | C10L 1 /- | 2013394649 |
| 2015371294 | C07F 9 /- | 2015317444 | 2016270495 | 2016300169 | 2014270410 |
| C07D 409 /- | | 2016248947 | 2018205116 | | 2014336928 |
| | 2018352461 | 2018231170 | C08L 75 /- | C10L 10 /- | 2015286488 |
| 2015371294 | C07H 11 /- | C07K 5 /- | | 2016300169 | 2017269608 |
| 2016282828 | | 2014373574 | 2016254019 | | 2017270496 |
| 2017206910 | 2015294769 | 2017206910 | C08L 89 /- | C11D 11 /- | 2017382375 |
| C07D 413 /- | C07H 13 /- | C07K 7 /- | | 2018292510 | C12R 1 /- |
| | 2015294769 | | 2018241098 | | 2017247309 |
| 2015371294 | 2015294769 | 2017376711 | C09D 133 /- | C11D 3 /- | 2019226131 |
| 2016214283 | | 2018200389 | | 2016335888 | C13K 1 /- |
| 2016301745 | C07H 17 /- | 2018352461 | 2015371311 | | 2016244742 |
| 2017206910 | | | 2015410327 | C11D 7 /- | |
| 2018264036 | 2016329935 | C08B 15 /- | C09D 167 /- | 2018292510 | C13K 11 /- |
| C07D 417 /- | C07H 21 /- | 2016244742 | | | 2016244742 |
| | 2014336928 | C08B 37 /- | 2019268198 | C12M 1 /- | |
| 2015304860 | | | C09D 179 /- | 2017382375 | C22B 1 /- |
| 2015339089 | C07J 15 /- | 2018241098 | | | 2017398923 |
| 2015371294 | | C08F 2 /- | 2018204261 | C12N 1 /- | |
| 2016214283 | 2018278844 | | C09D 183 /- | 2017247309 | C22B 11 /- |
| 2016287661 | C07J 17 /- | 2015371311 | | 2017269608 | 2018214123 |
| 2016302384 | | C08F 220 /- | 2017271530 | 2019226131 | |
| C07D 463 /- | 2016329935 | | C09D 5 /- | C12N 15 /- | C22B 3 /- |
| | C07J 3 /- | 2017220374 | | 2014229051 | 2016260407 |
| 2015304860 | | C08G 18 /- | 2015410327 | 2014245132 | 2018214123 |
| C07D 471 /- | 2018278844 | | 2016340091 | 2014252922 | C22B 43 /- |
| | C07J 7 /- | 2016254019 | 2017271530 | 2014253973 | |
| 2016274433 | | C08G 63 /- | C09J 11 /- | 2014279694 | 2018214123 |
| 2016282828 | 2018278844 | | | 2014373593 | C22B 5 /- |
| 2016328619 | C07K 1 /- | 2016270495 | 2018220194 | 2015301598 | |
| 2016333721 | | C08H 1 /- | C09J 129 /- | 2016225025 | 2016260407 |
| 2019200952 | 2015298156 | | | 2017269608 | |
| C07D 473 /- | C07K 14 /- | 2018241098 | 2018220194 | 2018231170 | C25B 1 /- |
| | | C08J 9 /- | C09J 153 /- | C12N 5 /- | |
| 2019204181 | 2014252922 | | | 2014239954 | 2017245046 |
| C07D 487 /- | 2014253973 | 2016270495 | 2018220194 | 2014245132 | 2018283056 |
| | 2015231041 | C08K 13 /- | C09J 7 /- | 2014289747 | C25B 9 /- |
| 2015370588 | 2015301598 | | | 2015231041 | |
| 2016282828 | 2015343013 | 2017220374 | 2018220194 | 2016230125 | 2017245046 |
| 2016333721 | 2015372767 | | C09K 11 /- | 2018200389 | C25C 1 /- |
| 2016338602 | 2016225025 | C08K 3 /- | | 2018214037 | |
| 2017206910 | 2016228760 | | 2016280744 | C12N 9 /- | 2016260407 |
| 2017250431 | 2016230125 | 2016340091 | | | |
| 2019200952 | 2016251640 | 2017220374 | C09K 21 /- | 2014252922 | C30B 5 /- |
| C07D 491 /- | 2016280839 | | | 2016244742 | |
| | 2016372245 | C08K 5 /- | 2017220374 | | 2015370428 |
| 2016282828 | 2018231170 | | C09K 3 /- | C12P 19 /- | C40B 30 /- |
| 2019200952 | 2018232952 | 2017220374 | | 2016244742 | |
| C07D 495 /- | 2019204979 | 2018220194 | | 2016329935 | 2014336928 |
| | C07K 16 /- | C08L 33 /- | 2016254019 | 2017247309 | |
| 2016282828 | | | | | |
| C07D 499 /- | 2014373593 | | | | |

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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <u>C40B 40 /-</u> | | 2015317896 | <u>F16B 35 /-</u> | | <u>G01K 17 /-</u> |
| 2014336928 | <u>E04C 2 /-</u> | <u>E21C 31 /-</u> | 2016233153 | <u>F25J 1 /-</u> | 2019210626 |
| <u>D01F 6 /-</u> | 2016245078 | 2015317896 | <u>F16B 47 /-</u> | 2018233054 | <u>G01M 3 /-</u> |
| 2017220374 | 2016307642 | <u>E21C 41 /-</u> | 2017380643 | <u>F25J 3 /-</u> | 2015282458 |
| <u>D01F 8 /-</u> | 2018260799 | 2018405437 | <u>F16F 1 /-</u> | 2017395075 | 2015301406 |
| 2017220374 | <u>E04C 3 /-</u> | <u>E21D 9 /-</u> | 2016232364 | <u>F28D 15 /-</u> | 2016215190 |
| <u>D03D 1 /-</u> | 2018203866 | 2017413518 | <u>F16J 15 /-</u> | 2018204774 | 2018206425 |
| 2015342724 | <u>E04F 13 /-</u> | <u>F01D 9 /-</u> | 2017358759 | <u>F28D 9 /-</u> | <u>G01N 1 /-</u> |
| <u>D06M 11 /-</u> | 2015230870 | 2016244858 | <u>F16K 11 /-</u> | 2018204774 | 2017230042 |
| 2015342724 | 2016307642 | <u>F01K 25 /-</u> | 2016247673 | <u>F28F 3 /-</u> | 2017298002 |
| <u>D06M 17 /-</u> | <u>E04G 11 /-</u> | 2016246394 | <u>F16K 31 /-</u> | 2018204774 | 2019202946 |
| 2015342724 | 2018260799 | <u>F01N 3 /-</u> | 2018268334 | <u>F41A 33 /-</u> | <u>G01N 11 /-</u> |
| <u>D21C 1 /-</u> | <u>E04H 12 /-</u> | 2017332907 | <u>F16L 3 /-</u> | 2015271875 | <u>G01N 15 /-</u> |
| 2016244742 | 2015312521 | <u>F02B 37 /-</u> | 2016232364 | <u>F41G 3 /-</u> | <u>G01N 21 /-</u> |
| <u>E01C 23 /-</u> | <u>E04H 15 /-</u> | <u>F02C 1 /-</u> | 2016265427 | 2015271875 | 2017230042 |
| 2019226209 | 2019264564 | 2016244858 | 2019204240 | <u>F42B 7 /-</u> | 2018256489 |
| <u>E02B 15 /-</u> | <u>E04H 17 /-</u> | <u>F02C 3 /-</u> | 2016265427 | 2015393155 | 2018256492 |
| 2015396962 | 2015312521 | 2019204240 | <u>F16L 57 /-</u> | <u>F42C 19 /-</u> | <u>G01N 23 /-</u> |
| <u>E02B 17 /-</u> | <u>E06B 9 /-</u> | 2019201409 | 2019204240 | 2016239194 | 2016228944 |
| 2015349120 | 2016222265 | <u>F04B 43 /-</u> | <u>F16M 13 /-</u> | <u>F42C 21 /-</u> | <u>G01N 33 /-</u> |
| <u>E02D 27 /-</u> | <u>E21B 15 /-</u> | 2015370586 | 2017302659 | 2016239194 | 2013394649 |
| 2015312521 | <u>E21B 17 /-</u> | <u>F04B 45 /-</u> | <u>F17C 1 /-</u> | <u>G01B 11 /-</u> | 2014336928 |
| <u>E02D 5 /-</u> | 2015314833 | 2015370586 | 2019204240 | 2016209938 | 2015218857 |
| 2015312521 | 2017347510 | <u>F04B 49 /-</u> | <u>F21S 8 /-</u> | 2017230042 | 2015286488 |
| <u>E02F 3 /-</u> | <u>E21B 19 /-</u> | 2015370586 | 2018282251 | 2018256492 | 2015317444 |
| 2018228068 | 2016266753 | <u>F04D 29 /-</u> | <u>F21V 8 /-</u> | <u>G01B 5 /-</u> | 2015339569 |
| 2018272476 | <u>E21B 25 /-</u> | 2016268754 | 2019200427 | 2018205162 | 2016225025 |
| <u>E02F 9 /-</u> | <u>E21B 29 /-</u> | <u>F04D 3 /-</u> | <u>F23D 3 /-</u> | 2018208458 | 2017230042 |
| 2018228068 | 2017230042 | 2016268754 | 2019203828 | 2018205162 | 2017382375 |
| 2018272476 | <u>E21B 33 /-</u> | <u>F15D 1 /-</u> | <u>F24F 12 /-</u> | 2018208458 | 2018232924 |
| 2018300872 | 2017347510 | 2019200105 | 2018204774 | 2019200070 | 2019202946 |
| 2019200237 | 2018220095 | <u>F16B 13 /-</u> | <u>F24F 13 /-</u> | <u>G01B 9 /-</u> | <u>G01N 35 /-</u> |
| <u>E04B 1 /-</u> | 2019213368 | 2018267565 | 2018266025 | 2018232924 | 2015286488 |
| 2015230870 | <u>E21B 43 /-</u> | <u>F16B 2 /-</u> | <u>F24F 3 /-</u> | <u>G01C 21 /-</u> | 2015286488 |
| 2015312521 | 2015390249 | 2017302659 | 2018204774 | 2018278901 | 2017382375 |
| 2015324347 | 2017347510 | <u>F16B 23 /-</u> | <u>F25B 1 /-</u> | 2018282316 | 2018204623 |
| 2017254990 | 2017413518 | 2018206800 | 2017350238 | 2018385335 | <u>G01N 37 /-</u> |
| <u>E04B 2 /-</u> | <u>E21B 47 /-</u> | <u>F16B 23 /-</u> | <u>F25B 5 /-</u> | <u>G01F 1 /-</u> | 2015286488 |
| 2015230870 | 2017413518 | 2016233153 | 2017350238 | 2015301406 | <u>G01S 15 /-</u> |
| 2018203866 | <u>E21C 25 /-</u> | <u>F25C 31 /-</u> | 2017350238 | 2016215190 | 2019203722 |
| 2018260799 | | <u>F25C 41 /-</u> | | 2019200105 | <u>G01T 1 /-</u> |
| <u>E04C 1 /-</u> | | <u>F25D 9 /-</u> | | <u>G01F 23 /-</u> | 2016228944 |
| 2018203866 | | <u>F25D 15 /-</u> | | <u>G01F 5 /-</u> | <u>G01V 1 /-</u> |
| | | <u>F25D 15 /-</u> | | 2016215190 | 2015202795 |
| | | <u>F25D 15 /-</u> | | | 2015359370 |

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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2017228842 | 2018278901 | <u>G06T 11 /-</u> | <u>H01B 9 /-</u> | <u>H01R 11 /-</u> | <u>H04L 12 /-</u> |
| <u>G01V 8 /-</u> | 2018300147 | 2015238800 | 2014405270 | 2015267166 | 2016297998 |
| 2017230042 | 2019226179 | <u>G06T 15 /-</u> | <u>H01C 10 /-</u> | <u>H01R 13 /-</u> | <u>H04L 27 /-</u> |
| <u>G01V 99 /-</u> | <u>G06F 17 /-</u> | 2015238800 | 2015327742 | 2015267166 | 2016307964 |
| 2017301677 | 2015336357 | <u>G06T 17 /-</u> | <u>H01H 19 /-</u> | 2015408326 | 2017292436 |
| <u>G02B 1 /-</u> | 2019200237 | 2018278901 | 2015327742 | 2019213368 | 2018238977 |
| 2015370428 | <u>G06F 21 /-</u> | <u>G06T 5 /-</u> | <u>H01H 25 /-</u> | <u>H02H 7 /-</u> | <u>H04L 29 /-</u> |
| <u>G02B 13 /-</u> | 2018205166 | 2017443546 | 2015327742 | 2016331659 | 2016351093 |
| 2019204093 | 2018327218 | <u>G06T 7 /-</u> | <u>H01H 31 /-</u> | <u>H02J 1 /-</u> | 2017226398 |
| <u>G02B 26 /-</u> | <u>G06F 3 /-</u> | 2016292908 | 2015303065 | 2016246814 | 2017387092 |
| 2015370428 | 2015288086 | 2018229526 | <u>H01H 85 /-</u> | <u>H02J 3 /-</u> | <u>H04L 5 /-</u> |
| <u>G02B 27 /-</u> | 2015307393 | <u>G07C 9 /-</u> | 2015303065 | 2014405270 | 2017326977 |
| 2015298504 | 2015374527 | 2017313074 | <u>H01L 21 /-</u> | 2016211500 | 2018238977 |
| 2018229429 | 2019205000 | <u>G08B 13 /-</u> | 2015215927 | 2016222134 | 2018300147 |
| 2019200427 | 2019219765 | 2018240189 | 2019201444 | 2016373710 | <u>H04M 1 /-</u> |
| <u>G02B 6 /-</u> | 2020202337 | <u>G08B 17 /-</u> | <u>H01L 23 /-</u> | 2017293074 | 2015353963 |
| 2017421048 | <u>G06F 9 /-</u> | 2018240189 | 2015215927 | <u>H02J 4 /-</u> | 2017241895 |
| <u>G02C 5 /-</u> | 2016297998 | <u>G08B 21 /-</u> | 2017302659 | 2016222134 | 2017395383 |
| 2019202371 | 2016426446 | 2017265051 | <u>H01L 31 /-</u> | <u>H02J 7 /-</u> | 2018229784 |
| <u>G03G 21 /-</u> | 2017333837 | <u>G10K 11 /-</u> | 2020202173 | 2017389098 | <u>H04M 3 /-</u> |
| 2016420646 | 2018217316 | 2016262348 | 2020202194 | 2018249241 | 2016341280 |
| <u>G05B 13 /-</u> | 2019205000 | <u>G10L 15 /-</u> | 2020202211 | 2019203028 | 2017241895 |
| 2016211208 | <u>G06K 9 /-</u> | <u>G10L 19 /-</u> | 2020202213 | 2019203033 | 2017386098 |
| <u>G05B 19 /-</u> | 2015271047 | <u>G10L 21 /-</u> | <u>H01L 41 /-</u> | 2019203037 | <u>H04N 1 /-</u> |
| 2016297998 | 2015336166 | 2016341280 | 2015359370 | 2019203039 | 2019202184 |
| <u>G05D 1 /-</u> | 2016292908 | <u>G10L 25 /-</u> | <u>H01L 51 /-</u> | <u>H02J 9 /-</u> | <u>H04N 21 /-</u> |
| 2016433512 | 2017379659 | 2017372454 | 2016208978 | 2016214188 | 2018230040 |
| <u>G05G 13 /-</u> | 2018229526 | <u>G11B 15 /-</u> | <u>H01M 10 /-</u> | <u>H02M 1 /-</u> | 2019202184 |
| 2017317025 | 2018301992 | 2015327913 | <u>H01M 2 /-</u> | 2016269508 | <u>H04N 5 /-</u> |
| <u>G06F 1 /-</u> | <u>G06N 5 /-</u> | <u>G11B 27 /-</u> | 2016259545 | <u>H02M 7 /-</u> | 2017392558 |
| 2015353963 | 2016360122 | 2017379659 | <u>H01M 4 /-</u> | 2016246814 | 2019202184 |
| 2016331659 | <u>G06N 99 /-</u> | 2019202184 | 2019204947 | <u>H03F 1 /-</u> | <u>H04N 7 /-</u> |
| <u>G06F 11 /-</u> | 2019229402 | <u>G16Z 99 /-</u> | <u>H01Q 1 /-</u> | 2016307964 | 2018263980 |
| 2015301284 | <u>G06Q 10 /-</u> | 2016205022 | 2016260407 | <u>H03F 3 /-</u> | 2018263981 |
| 2018230202 | 2014356264 | <u>H01B 7 /-</u> | <u>H01M 15 /-</u> | 2016307964 | 2018263982 |
| 2019229402 | 2017313074 | 2014405270 | 2016246770 | 2016307964 | <u>H04N 9 /-</u> |
| <u>G06F 15 /-</u> | 2017366668 | <u>H01B 7 /-</u> | <u>H01Q 15 /-</u> | <u>H03M 13 /-</u> | 2019202184 |
| 2018217316 | 2018385335 | 2017379659 | 2016246770 | 2019229402 | <u>H04R 1 /-</u> |
| <u>G06F 16 /-</u> | <u>G06Q 20 /-</u> | 2019202184 | <u>H01Q 21 /-</u> | 2016246770 | 2016259545 |
| 2016360122 | 2015256205 | <u>H01B 7 /-</u> | <u>H01Q 3 /-</u> | <u>H04B 1 /-</u> | <u>H04R 17 /-</u> |
| 2017386098 | 2017243973 | 2014405270 | 2016246770 | 2016307964 | 2016332481 |
| 2018253479 | 2018204529 | <u>G06Q 30 /-</u> | <u>H01Q 3 /-</u> | <u>H04B 3 /-</u> | <u>H04R 25 /-</u> |
| | 2018204529 | <u>G06Q 40 /-</u> | 2016246770 | 2016211500 | 2016259545 |
| | 2017226398 | <u>G06Q 50 /-</u> | <u>H01Q 3 /-</u> | <u>H04L 1 /-</u> | |
| | 2017243973 | 2016205022 | 2016246770 | 2017326977 | |
| | 2017226398 | 2017243973 | 2014405270 | | |
| | 2017243973 | 2016205022 | 2014405270 | | |
| | 2017243973 | 2017313074 | 2014405270 | | |

Applications Accepted - IPC Index cont'd

H04R 7 /-

2016332481

H04W 24 /-

2018206315

H04W 28 /-

2019252455

H04W 36 /-

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H04W 8 /-

2016306425

H04W 88 /-

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H04W 92 /-

2016306425

H05B 47 /-

2016214188

Certified Innovation Patents

Name Index

(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) Hicor Technologies, Inc.
 (11) AU-B-2020100220
 (21) 2020100220 (22) 14.02.2020
 (54) Compressor
 (51) Int. Cl.
 F01C 21/08 (2006.01)
 F04C 18/46 (2006.01)
 (45) 16.07.2020
 (62) 2016242821
 (72) WALTON, John; NELSON, Phil; PITTS,
 Jeremy
 (74) FPA Patent Attorneys Pty Ltd

(71) SPIRIT HIVE TECHNOLOGIES PTY
 LTD
 (11) AU-B-2019101314
 (21) 2019101314 (22) 30.10.2019
 (54) Spirit Hive Casks are hexagonal prism
 shaped casks, designed to be an improve-
 ment on conventional wooden barrel stor-
 age systems primarily in regards to 1.)
 space optimisation, 2.) durability and 3.)
 versatility.
 (51) Int. Cl.
 B65D 21/02 (2006.01)
 B65D 6/28 (2006.01)
 B65D 6/40 (2006.01)
 (45) 16.07.2020
 (72) Russo, Victor
 (74) SPIRIT HIVE TECHNOLOGIES PTY
 LTD

(71) Vincent Buda & Co Pty Ltd
 (11) AU-B-2020100066
 (21) 2020100066 (22) 13.01.2020
 (54) A Lintel
 (51) Int. Cl.
 E04C 3/04 (2006.01)
 (31) 2019900242 (32) 25.01.19 (33) AU
 (45) 16.07.2020
 (72) Buda, Richard
 (74) Adrian M Trioli Patent and Trade Mark
 Attorney

Numerical Index

2019101314 SPIRIT HIVE TECHNOLOGIES PTY LTD
2020100066 Vincent Buda & Co Pty Ltd
2020100220 Hicor Technologies, Inc.

IPC Index

B65D 21 /-

2019101314

B65D 6 /-

2019101314

E04C 3 /-

2020100066

F01C 21 /-

2020100220

F04C 18 /-

2020100220

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2015295817 **Britannia Pharmaceuticals Limited** (EVER Neuro Pharma)
- 2018201633 **ESCO Group LLC** (CQMS Pty Ltd)
- 2018201720 **ESCO Group LLC** (CQMS Pty Ltd)

Opposition Withdrawn

- 2014256345 **Aker BioMarine Antarctic AS** (Rimfrost AS)

Patents Granted

Standard Patents

| | | | |
|------------|------------|------------|------------|
| 2014212003 | 2014225732 | 2014232225 | 2014235096 |
| 2014235380 | 2014236181 | 2014274543 | 2014274939 |
| 2014275272 | 2014278011 | 2014284180 | 2014287880 |
| 2014324703 | 2014400609 | 2014405863 | 2014409962 |
| 2014412628 | 2015200774 | 2015201080 | 2015201631 |
| 2015202360 | 2015204540 | 2015209274 | 2015213261 |
| 2015219105 | 2015224564 | 2015227420 | 2015233461 |
| 2015236215 | 2015246030 | 2015247639 | 2015252358 |
| 2015252841 | 2015253415 | 2015255868 | 2015258722 |
| 2015259277 | 2015261592 | 2015264884 | 2015266850 |
| 2015267061 | 2015267299 | 2015267335 | 2015271732 |
| 2015273283 | 2015274313 | 2015280392 | 2015280499 |
| 2015284065 | 2015286169 | 2015286215 | 2015286706 |
| 2015287641 | 2015288023 | 2015291193 | 2015292252 |
| 2015298215 | 2015305583 | 2015305610 | 2015308774 |
| 2015312006 | 2015313785 | 2015317327 | 2015319755 |
| 2015320702 | 2015323907 | 2015328414 | 2015332299 |
| 2015332607 | 2015335599 | 2015339828 | 2015340369 |
| 2015343423 | 2015344911 | 2015345332 | 2015345943 |
| 2015360875 | 2015366148 | 2015393933 | 2015394012 |
| 2015413367 | 2016200046 | 2016200691 | 2016201107 |
| 2016201872 | 2016202369 | 2016203293 | 2016208062 |
| 2016208472 | 2016208982 | 2016211925 | 2016213105 |
| 2016214806 | 2016215747 | 2016216294 | 2016220027 |
| 2016222599 | 2016223687 | 2016228025 | 2016229385 |
| 2016236838 | 2016238484 | 2016240319 | 2016244804 |
| 2016246179 | 2016246617 | 2016246756 | 2016250124 |
| 2016252116 | 2016252635 | 2016252895 | 2016259762 |
| 2016262409 | 2016268416 | 2016271347 | 2016280771 |
| 2016294729 | 2016301394 | 2016301395 | 2016301397 |
| 2016315591 | 2016325432 | 2016325467 | 2016333154 |
| 2016345858 | 2016369069 | 2016376507 | 2016381162 |
| 2016381968 | 2016384433 | 2016390149 | 2016392254 |
| 2016396507 | 2016407222 | 2016421610 | 2016421819 |
| 2016423070 | 2016432064 | 2017204616 | 2017213666 |
| 2017218673 | 2017235284 | 2017236045 | 2017238095 |
| 2017249661 | 2017250684 | 2017252993 | 2017258734 |
| 2017262301 | 2017272155 | 2017279830 | 2017289165 |
| 2017294512 | 2017297608 | 2017327430 | 2017327626 |
| 2017333740 | 2017334841 | 2017340761 | 2017356880 |
| 2017357001 | 2017359156 | 2017367610 | 2017367686 |
| 2017369113 | 2017369849 | 2017371915 | 2017378601 |
| 2017384854 | 2018200064 | 2018200149 | 2018200266 |
| 2018200347 | 2018200488 | 2018200490 | 2018200858 |
| 2018201048 | 2018201358 | 2018201547 | 2018201736 |
| 2018201813 | 2018201814 | 2018201848 | 2018202378 |
| 2018202765 | 2018202994 | 2018203076 | 2018203736 |
| 2018203949 | 2018204393 | 2018204551 | 2018204659 |
| 2018204781 | 2018204923 | 2018205136 | 2018206705 |
| 2018206792 | 2018210312 | 2018213964 | 2018223000 |

Patents Granted

Standard Patents

| | | | |
|------------|------------|------------|------------|
| 2018224329 | 2018226472 | 2018226520 | 2018227681 |
| 2018227793 | 2018229537 | 2018232903 | 2018241076 |
| 2018250489 | 2018253577 | 2018256539 | 2018256591 |
| 2018256652 | 2018260716 | 2018260805 | 2018260921 |
| 2018264098 | 2018266322 | 2018274995 | 2018282267 |
| 2018285453 | 2018286576 | 2018303343 | 2018304150 |
| 2018313510 | 2018314833 | 2018322501 | 2018381333 |
| 2018417768 | 2019200146 | 2019200320 | 2019200587 |
| 2019201323 | 2019201502 | 2019201665 | 2019201895 |
| 2019202622 | 2019202864 | 2019202988 | 2019203344 |
| 2019203687 | 2019204849 | 2019208252 | 2019219742 |
| 2019226221 | 2019227872 | 2019266367 | 2019268051 |
| 2019272012 | 2020200149 | | |

Innovation Patents

| | | | |
|------------|------------|------------|------------|
| 2015101983 | 2016102443 | 2018102166 | 2018102167 |
| 2018102168 | 2018102170 | 2018102171 | 2019101737 |
| 2019101738 | 2020100744 | 2020100826 | 2020100864 |
| 2020100865 | 2020100882 | 2020100890 | 2020100903 |
| 2020100904 | 2020100908 | 2020100910 | 2020100914 |
| 2020100933 | 2020100937 | 2020100939 | 2020100941 |
| 2020100942 | 2020100943 | 2020100945 | 2020100946 |
| 2020100947 | 2020100948 | 2020100949 | 2020100950 |
| 2020100952 | 2020100953 | 2020100954 | 2020100955 |
| 2020100958 | 2020100960 | 2020100961 | 2020100963 |
| 2020100964 | 2020100967 | 2020100968 | 2020100969 |
| 2020100970 | 2020100972 | 2020100974 | 2020100976 |
| 2020100977 | 2020100980 | 2020100981 | 2020100982 |
| 2020100983 | 2020100985 | 2020100986 | 2020100987 |
| 2020100990 | 2020100991 | 2020100993 | 2020100994 |
| 2020100995 | 2020100997 | 2020100998 | 2020100999 |
| 2020101000 | 2020101001 | 2020101007 | 2020101008 |

Revocation

It is hereby notified that the offer by the Patentee **Apple Inc.** to surrender Patent 2018101666 which was advertised in the Official Journal of 21.05.2020 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Proceedings under Section 215

Amendment under Section 215, Death of the Applicant

2016238920

The name of the applicant has been amended from Bisschops Wayne to Bisschops, L.

Assignments Registered

2001011126 Siemens Rail Automation Pty. Ltd. The patent has been assigned to **Siemens Mobility Pty Ltd**

2001012587 Trentcom APS Pty Ltd The patent has been assigned to **Rocket Pot Pty Ltd**

2002358246 ONCOQUEST INC. The patent has been assigned to **ONCOQUEST PHARMACEUTICALS INC.**

2003258311 Select Milk Producers, Inc. The patent has been assigned to **Fairlife, LLC**

2003300093 Medora Environmental, Inc. The patent has been assigned to **IXOM Operations Pty Ltd**

2004316444 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2004320467 Steamwand International Pty Ltd The patent has been assigned to **Steamwand Technology Pty Ltd**

Assignments Registered

2005205797 woundEL GmbH The patent has been assigned to **Woundel Health Care**

2005254585 Charlton, Marie The patent has been assigned to **Inventive 8 Pty Ltd**

2005277190 Prometic Biosciences Limited; American National Red Cross The patent has been assigned to **American National Red Cross; PROMETIC BIOTHERAPEUTICS INC.**

2005309224 Orell Fussli Sicherheitsdruck AG The patent has been assigned to **Orell Füssli AG**

2006245482 Prometic Biosciences Ltd. The patent has been assigned to **PROMETIC BIOTHERAPEUTICS INC.**

2006245575 Prometic Biosciences Ltd. The patent has been assigned to **PROMETIC BIOTHERAPEUTICS INC.**

2006245579 ProMetic BioSciences Ltd. The patent has been assigned to **PROMETIC BIOTHERAPEUTICS INC.**

2006276164 Carsar, LLC The patent has been assigned to **Fiji Manufacturing, LLC**

2006331691 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2006331710 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2007221525 SmartMotor AS The patent has been assigned to **KONGSBERG MARITIME CM AS**

2007238808 Medora Environmental, Inc The patent has been assigned to **IXOM Operations Pty Ltd**

2007283386 Smart Wave Technologies Corp. The patent has been assigned to **Smart Wave Technologies, Inc.**

2007294756 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2007294806 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2007294870 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2007333729 Select Milk Producers, Inc. The patent has been assigned to **Fairlife, LLC**

2008227084 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2008229473 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2008246277 Charlton, Marie The patent has been assigned to **Inventive 8 Pty Ltd**

2008314505 Progen Pharmaceuticals Limited The patent has been assigned to **Progen PG500 Series Pty Ltd**

2009227848 Medora Environmental, Inc The patent has been assigned to **IXOM Operations Pty Ltd**

2009241750 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2009288704 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

Assignments Registered

2009303602 North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC The patent has been assigned to **Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.**

2009356927 Orell Fussli Sicherheitsdruck AG The patent has been assigned to **Orell Füssli AG**

2010204511 Rive Technology, Inc. The patent has been assigned to **W. R. Grace & Co.-CONN.**

2010229147 North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC The patent has been assigned to **Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.**

2010257154 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2010281297 Access Innovation Media Pty Ltd The patent has been assigned to **Access Innovation IP Pty Limited**

2011200569 Medora Environmental, Inc The patent has been assigned to **IXOM Operations Pty Ltd**

2011253776 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2011262360 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2011286449 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2011301170 Smart Wave Technologies Corp. The patent has been assigned to **Smart Wave Technologies, Inc.**

2011306044 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2011306045 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2011318595 Abigo Medical AB The patent has been assigned to **Moniri, Armin**

2011370282 Caudwell Marine (Pty) Ltd The patent has been assigned to **Caudwell Marine Limited**

2012203264 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2012203303 Medora Environmental, Inc The patent has been assigned to **IXOM Operations Pty Ltd**

2012203944 Siemens Rail Automation Pty. Ltd. The patent has been assigned to **Siemens Mobility Pty Ltd**

2012207616 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2012223639 North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC The patent has been assigned to **Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.**

2012240571 Savant Systems LLC The patent has been assigned to **Savant Systems, Inc.**

2012292358 DSM IP Assets B.V. The patent has been assigned to **SILU Verwaltung AG**

2012292359 DSM IP Assets B.V. The patent has been assigned to **SILU Verwaltung AG**

Assignments Registered

2012304700 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2012389978 Intel Deutschland GmbH The patent has been assigned to **Apple Inc.**

2012396775 Orell Fussli Sicherheitsdruck AG The patent has been assigned to **Orell Füssli AG**

2013203732 Bubble Adaptor Pty Ltd The patent has been assigned to **Souris, Peter**

2013234361 Pridefield Limited The patent has been assigned to **Fusion Holdings Limited**

2013249648 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2013281328 Arthrogen B.V. The patent has been assigned to **MEIRAGTX UK II LIMITED**

2013282960 Pridefield Limited The patent has been assigned to **Fusion Holdings Limited**

2013296897 Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.; Calitor Sciences, LLC**

2013315747 Amplero, Inc The patent has been assigned to **Novantas, Inc.**

2013320251 Covagen AG The patent has been assigned to **Cilag GmbH International**

2013344416 Amplero, Inc The patent has been assigned to **Novantas, Inc.**

2013345107 Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited The patent has been assigned to **Sunshine Lake Pharma Co., Ltd.; Calitor Sciences, LLC**

2014218565 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2014219256 Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited The patent has been assigned to **Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.**

2014231357 Xiamen Innovax Biotech Co., Ltd.; Xiamen University; The United States of America, as represented by the Secretary, Department of Health and Human Services The patent has been assigned to **Yang Sheng Tang Company, Ltd.; The United States of America, as represented by the Secretary, Department of Health and Human Services; Xiamen University**

2014271303 Pridefield Limited The patent has been assigned to **Fusion Holdings Limited**

2014303010 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2014321419 North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC The patent has been assigned to **Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.**

2014321420 North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC The patent has been assigned to **Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.**

2014347830 Cancer Intelligence Care Systems, Inc.; Tanaka Kikinokou Kogyo K.K. The patent has been assigned to **Cancer Intelligence Care Systems, Inc.**

2014384476 Jiangsu Ascentage Biomed Development Inc. The patent has been assigned to **Ascentage Pharma (Suzhou) Co., Ltd.**

Assignments Registered

2015223461 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2015235880 North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC The patent has been assigned to **Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd.**

2015252037 Access Innovation Media Pty Ltd The patent has been assigned to **Access Innovation IP Pty Limited**

2015259484 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

2015273026 Caudwell Marine (Pty) Ltd The patent has been assigned to **Caudwell Marine Limited**

2015355731 Samsung Life Public Welfare Foundation The patent has been assigned to **AIMED BIO INC.**

2015417428 Siemens Rail Automation Pty. Ltd. The patent has been assigned to **Siemens Mobility Pty Ltd**

2016101042 VULY PARKS IP HOLDINGS PTY LTD The patent has been assigned to **Vuly Property Pty Ltd**

2016200102 Intel Deutschland GmbH The patent has been assigned to **Apple Inc.**

2016207008 Logos Technologies, LLC The patent has been assigned to **Stepan Company**

2016259383 Gumbert, Sean; Olvey, Douglas; Danko, Joseph; Gabrys, Christopher; Sketo, James The patent has been assigned to **Design Pallets, Inc.**

2016296889 Butts Properties Ltd. The patent has been assigned to **BCKK Holding Company**

2017301537 X Development LLC The patent has been assigned to **Boston Dynamics, Inc.**

2017301538 X Development LLC The patent has been assigned to **Boston Dynamics, Inc.**

2017315306 X Development LLC The patent has been assigned to **Boston Dynamics, Inc.**

2017330339 X Development LLC The patent has been assigned to **Boston Dynamics, Inc.**

2018201757 Pridefield Limited The patent has been assigned to **Fusion Holdings Limited**

2018203123 Savant Systems, LLC The patent has been assigned to **Savant Systems, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The following application(s) for Extension of Term have been granted under Section 76.

2009257602 **AbbVie Inc.**

The earliest first regulatory approval date provided by the patentee 17 Jan 2020

For the goods RINVOQ upadacitinib

Extension of Term of patent pursuant to Section 77 expires on 09 Jun 2034

2010326108 **AbbVie Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The earliest first regulatory approval date provided by the patentee 17 Jan 2020

For the goods RINVOQ upadacitinib

Extension of Term of patent pursuant to Section 77 expires on 17 Jan 2035

Corrigenda

In Vol 34 , No 22 , Page(s) 3113 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name TOLREMO therapeutics AG, Application No. 2018368639, Under INID (72) add co-inventor KREK, Wilhelm

In Vol 34 , No 24 , Page(s) 3352 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sharp Kabushiki Kaisha, FG Innovation Company Limited, Application No. 2018369185, Under INID (72) add co-inventor ZHANG, Meng

In Vol 34 , No 26 , Page(s) 3646 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Smiths Medical ASD, Inc., Application No. 2018388965, under INID (72) correct the co-inventor to ZALESKY, Larry R.

In Vol 34 , No 27 , Page(s) 3759 under the heading **Amendments - Application for Amendments** Under the name Innospec Limited, Application No. 2015295049 correct the date of the statements filed to read 23 Jan 2020, 20 Mar 2020, 24 Apr 2020 and 05 Jun 2020

In Vol 34 , No 27 , Page(s) 3759 under the heading **Amendments - Application for Amendments** Under the name Ojmar, S.A., Application No. 2016341463 correct the date of the statements filed to read 05 Feb 2020 and 19 May 2020

In Vol 34 , No 27 , Page(s) 3845 under the heading **Applications Accepted - Name Index** Delete all reference to 2015276153.

In Vol 34 , No 27 , Page(s) 3845 under the heading **Applications Accepted - Name Index** Under the name Biomason, Inc., Application No.2018226428, under INID (54) correct the title to read METHODS FOR MANUFACTURE OF SOLID FORMS

Specifications Republished

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

| | |
|------------|---|
| 2015252066 | Hunter Douglas Inc. |
| 2015308437 | Asceneuron SA |
| 2016254083 | Société des Produits Nestlé S.A. |
| 2016427571 | Mitsubishi Electric Corporation |
| 2017324146 | Apple Inc. |
| 2018201939 | IDEX Biometrics ASA |