



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*

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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.

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 18 Feb 2020 .

| | | |
|---|---|--|
| (71) 4DX LIMITED (21) 2020900516 (22) 24.02.2020 (54) METHOD FOR VALIDATING MEASUREMENT OF A MEDICAL SCAN | (71) Boyd, N. (21) 2020900498 (22) 21.02.2020 (54) Remote Firefighting System | (71) Earthling 3.0 Pty Ltd (21) 2020900474 (22) 19.02.2020 (54) A CONDUCTIVE APPARATUS FOR FOOTWEAR |
| (71) Andrews, N. (21) 2020900471 (22) 19.02.2020 (54) A COMPACT TURBINE-COMPRESSOR ASSEMBLY | (71) Boyland, R. (21) 2020900484 (22) 20.02.2020 (54) The Invention is a tube-like attachment called a Directional Lung Spacer that helps Asthmatics or others who have respiratory problems. | (71) Earthling 3.0 Pty Ltd (21) 2020900495 (22) 21.02.2020 (54) A CONDUCTIVE APPARATUS FOR FOOTWEAR |
| (71) ARB Corporation Ltd (21) 2020900502 (22) 21.02.2020 (54) Receptacle assemblies and locking systems for such assemblies | (71) COMPOSITE TECHNOLOGY R & D PTY LIMITED (21) 2020900526 (22) 24.02.2020 (54) Additively Manufactured Metal Casings | (71) Easybondpay Pty Ltd (21) 2020900525 (22) 24.02.2020 (54) SECURITY PROVISIONING SYSTEM AND METHOD |
| (71) Aristocrat Technologies Australia Pty Limited (21) 2020900465 (22) 19.02.2020 (54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE RESPIN FEATURES | (71) Cooper, C. (21) 2020900497 (22) 21.02.2020 (54) Tracking and Monitoring Device for Events and Repetitive Events | (71) Equipment Safety Systems Pty Ltd (21) 2020900500 (22) 21.02.2020 (54) Crush Avoidance Device |
| (71) Aristocrat Technologies Australia Pty Limited (21) 2020900466 (22) 19.02.2020 (54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE RESPIN FEATURES | (71) CSR Building Products Limited (21) 2020900507 (22) 21.02.2020 (54) Coloured Fibre-Cement Panels | (71) Firebrick Pharma Pty Ltd (21) 2020900489 (22) 20.02.2020 (54) PREVENTION OF INFECTION BY HIGHLY PATHOGENIC VIRUSES USING TOPICAL APPLICATION OF POVIDONE-IODINE ON MUCOUS MEMBRANES |
| (71) ARQ Consulting Pty Ltd (21) 2020900528 (22) 24.02.2020 (54) Adaptable Device Holder | (71) Cutting Edges Equipment Parts Pty Ltd (21) 2020900479 (22) 20.02.2020 (54) Impact Panel | (71) Floatpac Pty Ltd (21) 2020900477 (22) 19.02.2020 (54) Modular raft system |
| (71) Blueprint Acoustics Pty Ltd (21) 2020900505 (22) 21.02.2020 (54) IMPROVED LOUDSPEAKER ASSEMBLY AND SYSTEM FOR VEHICLES | (71) Deviant Distillery Pty Ltd (21) 2020900493 (22) 20.02.2020 (54) Process for rapid maturation of distilled spirits | (71) Form 700 Pty Ltd (21) 2020900508 (22) 21.02.2020 (54) COLUMN FORMWORK IMPROVEMENTS |
| (71) Bosich, M.E. (21) 2020900527 (22) 24.02.2020 (54) Load Carrying Vehicle and Tray Thereof | (71) Dymensa Pty Ltd (21) 2020900455 (22) 18.02.2020 (54) SYSTEM AND METHOD FOR IMPLEMENTING A PERSONAL VIRTUAL DATA NETWORK (PVDN) | (71) Fortescue Metals Group Ltd (21) 2020900491 (22) 20.02.2020 (54) System and method for optimisation |

Provisional Applications Filed - Name Index cont'd

(71) fretter, I.
(21) 2020900454 (22) 18.02.2020
(54) Jig

(71) Gardner, A.
(21) 2020900512 (22) 23.02.2020
(54) Household waste and recycling system.

(71) Gardner, A.
(21) 2020900517 (22) 24.02.2020
(54) Household waste and recycling system.

(71) Gerges, B.; Heinz-Partington, S.
(21) 2020900460 (22) 18.02.2020
(54) A PROTECTIVE DEVICE FOR USE DURING SURGERY

(71) Gyder Surgical Pty Ltd
(21) 2020900504 (22) 21.02.2020
(54) REFERENCING APPARATUS

(71) HARRISON-AI PTY LTD
(21) 2020900473 (22) 19.02.2020
(54) METHOD AND SYSTEM FOR AUTOMATED TEXT ANONYMISATION

Heinz-Partington, S. see Gerges, B.
(21) 2020900460

(71) HOANG, N.P.
(21) 2020900457 (22) 18.02.2020
(54) PYROLYSIS REACTOR ARRANGEMENT AND METHOD

(71) Hudson Institute of Medical Research
(21) 2020900450 (22) 18.02.2020
(54) Method of identifying microorganisms of a microbiome

(71) Indefatigable Holdings Pty Ltd
(21) 2020900482 (22) 20.02.2020
(54) MESH CONNECTOR

(71) InterK Peptide Therapeutics Limited
(21) 2020900442 (22) 17.02.2020
(54) BIOMARKERS OF PD1 AXIS MODULATION

(71) Invention Holdings Pty Ltd
(21) 2020900459 (22) 18.02.2020
(54) An Accessory for Tiling

(71) Jagano Pty Ltd
(21) 2020900456 (22) 18.02.2020
(54) Bucket System for Vehicle Tray

(71) Jones, B.
(21) 2020900470 (22) 19.02.2020
(54) Foamed Annex Matting for mobile Tennis Court

(71) Joy Global Underground Mining LLC
(21) 2020900499 (22) 21.02.2020
(54) FORWARD ATTACK PICK WITH SHEAR PLANE

(71) Kwik-Zip Pty Ltd
(21) 2020900461 (22) 18.02.2020
(54) Centraliser

(71) Lewis, S.
(21) 2020900494 (22) 21.02.2020
(54) RAINWATER DOWNPIPE BLOCKAGE ARRANGEMENT

(71) Lumachain
(21) 2020900469 (22) 19.02.2020
(54) Supply chain tracking and tracing

(71) M & R Rickards Pty Ltd
(21) 2020900453 (22) 18.02.2020
(54) CROP HARVESTING BLADE SYSTEM

(71) Mammalis Bio-Analytics Pty Ltd
(21) 2020900486 (22) 20.02.2020
(54) A health management system

(71) McBain, H.
(21) 2020900464 (22) 19.02.2020
(54) Device for aiding lifting of a hot water cylinder

McDermott, S. see McDermott, K.
(21) 2020900483

(71) McDermott, K.; McDermott, S.
(21) 2020900483 (22) 20.02.2020
(54) Transportation of Mesh Reinforcement

(71) McKenzie, R.; Murphy, D.
(21) 2020900513 (22) 23.02.2020
(54) Knee Lift For a design for lifting and transferring a patient

(71) Mechanical System Dynamics Pty Ltd
(21) 2020900480 (22) 20.02.2020
(54) Compensator for fifth-wheel couplings

(71) Mechanical System Dynamics Pty Ltd
(21) 2020900481 (22) 20.02.2020
(54) System for automatic compensation of fifth-wheel couplings

(71) Medela Holding AG
(21) 2020900501 (22) 21.02.2020
(54) BREASTPUMP UNIT AND METHOD OF OPERATION

(71) Mesoblast International Sarl
(21) 2020900472 (22) 19.02.2020
(54) Method for treating chronic graft versus host disease

Mitchell, P. see Mitchell, C.
(21) 2020900511

(71) Mitchell, C.; Mitchell, P.
(21) 2020900511 (22) 22.02.2020
(54) A Shot Separation and Recovery Device

(71) Monchball IP Pty Ltd
(21) 2020900524 (22) 24.02.2020
(54) Pet Toy

Murphy, D. see McKenzie, R.
(21) 2020900513

(71) NewSouth Innovations Pty Limited
(21) 2020900448 (22) 17.02.2020
(54) Pulsed dielectric barrier discharge ionization for mass spectrometry

(71) NewSouth Innovations Pty Limited
(21) 2020900488 (22) 20.02.2020
(54) PEROVSKITE SOLAR CELL AND METHOD OF MAKING THE SAME

(71) Odetayo, A.
(21) 2020900515 (22) 24.02.2020
(54) Systems and Methods for Discovering and Corroborating Stories

(71) PACKARD, T.C.
(21) 2020900485 (22) 20.02.2020
(54) SAFETY ELECTRICAL OUTLET

(71) Pitt, K.
(21) 2020900467 (22) 19.02.2020
(54) VEHICLE DRUM BRAKE IMPROVEMENTS

Ponomarev, S. see Volkov, V.
(21) 2020900476

(71) Power, R.
(21) 2020900441 (22) 17.02.2020
(54) Scaffgrip

(71) Pulford, P.
(21) 2020900463 (22) 19.02.2020
(54) Square

Provisional Applications Filed - Name Index cont'd

(71) ResMed Pty Ltd
 (21) 2020900503 (22) 21.02.2020
 (54) ADJUSTABLE HEADGEAR TUBING FOR A PATIENT INTERFACE

(71) Rowe, B.
 (21) 2020900475 (22) 19.02.2020
 (54) Boat Rope. The idea is the process in which we use old-used rope from maritime applications to create other items such as Leads, collars, dog toys, baskets, mats, ect. We up-cycle marine rope to directly repurpose the otherwise discarded resource.

(71) Schembri, J.
 (21) 2020900522 (22) 24.02.2020
 (54) Robotic Fire Fighter

(71) Schembri, J.
 (21) 2020900523 (22) 24.02.2020
 (54) Robotic locator and extractor of unexploded bombs

(71) Shepherd, A.
 (21) 2020900519 (22) 24.02.2020
 (54) A Device for Monitoring Physiological Readings

(71) Smith, M.S.
 (21) 2020900458 (22) 18.02.2020
 (54) A line suspension system

(71) SUBTITAN PTY LTD.
 (21) 2020900510 (22) 21.02.2020
 (54) A COMPUTER IMPLEMENTED METHOD FOR ADDING SUBTITLES TO A MEDIA FILE

(71) TBA Industries Pty Ltd
 (21) 2020900468 (22) 19.02.2020
 (54) Bulk material conveyer

(71) THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH
 (21) 2020900478 (22) 19.02.2020
 (54) BIOMARKERS FOR ALLERGIC SENSITIVITY RISK

(71) THEOAN ENERGY PTY LTD
 (21) 2020900452 (22) 18.02.2020
 (54) ENERGY GENERATION DEVICE

(71) The Trustee for IMAK Enterprises Trust
 (21) 2020900462 (22) 19.02.2020
 (54) Personal well-being related multi-data set management. Embodied human motion, attribute and personal multi-data set capture, management and integration with digital assets for exercise program design, produc-

tion and customer experiences for commercial purposes.

(71) The Trustee for The Jarvie Family Trust
 (21) 2020900521 (22) 24.02.2020
 (54) CLICK CLACK COFFINS

(71) The University of Queensland
 (21) 2020900487 (22) 20.02.2020
 (54) Sol-gel composition

(71) The University of Sydney
 (21) 2020900509 (22) 21.02.2020
 (54) Logic cell architecture

(71) Valdezate, S.S.
 (21) 2020900449 (22) 17.02.2020
 (54) Driver for Nail Anchor

(71) Vater, L.
 (21) 2020900496 (22) 21.02.2020
 (54) A CLAMP ARRANGEMENT CLAMPABLE TO AN END OF A POST OR RAIL USED IN A BALUSTRADE AND/OR FENCING STRUCTURE

(71) Volkov, V.; Ponomarev, S.
 (21) 2020900476 (22) 19.02.2020
 (54) Flexible load-bearing polymer pipe, characterized in that the walls of the pipe made of a solid layer of polymer material, inside which are placed at least two longitudinal reinforcing elements in the form of spiral elements laid at various angles to the pipe axis.

(71) Williams, R.
 (21) 2020900492 (22) 20.02.2020
 (54) Provisional Specification for the Invention entitled 'Connector and Flow indicator for intravenous infusion apparatus used with peristaltic pumps'.

(71) WIREMAN PTY LIMITED
 (21) 2020900451 (22) 18.02.2020
 (54) A Welding Jig

(71) Woodstock Management Pty Ltd
 (21) 2020900506 (22) 21.02.2020
 (54) Endoluminal prosthesis

(71) WORLD FIELD (AUST) PTY. LTD.
 (21) 2020900490 (22) 20.02.2020
 (54) Broken Cell wall Deep sea fish bone and Collagen dry powder for human direct consumption

Numerical Index

| | | | |
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| 2020900441 | Power, R. | 2020900513 | McKenzie, R.; Murphy, D. |
| 2020900442 | InterK Peptide Therapeutics Limited | 2020900515 | Odetayo, A. |
| 2020900448 | NewSouth Innovations Pty Limited | 2020900516 | 4DX LIMITED |
| 2020900449 | Valdezate, S.S. | 2020900517 | Gardner, A. |
| 2020900450 | Hudson Institute of Medical Research | 2020900519 | Shepherd, A. |
| 2020900451 | WIREMAN PTY LIMITED | 2020900521 | The Trustee for The Jarvie Family Trust |
| 2020900452 | THEOAN ENERGY PTY LTD | 2020900522 | Schembri, J. |
| 2020900453 | M & R Rickards Pty Ltd | 2020900523 | Schembri, J. |
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| 2020900458 | Smith, M.S. | 2020900528 | ARQ Consulting Pty Ltd |
| 2020900459 | Invention Holdings Pty Ltd | | |
| 2020900460 | Gerges, B.; Heinz-Partington, S. | | |
| 2020900461 | Kwik-Zip Pty Ltd | | |
| 2020900462 | The Trustee for IMAK Enterprises Trust | | |
| 2020900463 | Pulford, P. | | |
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| 2020900465 | Aristocrat Technologies Australia Pty Limited | | |
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| 2020900467 | Pitt, K. | | |
| 2020900468 | TBA Industries Pty Ltd | | |
| 2020900469 | Lumachain | | |
| 2020900470 | Jones, B. | | |
| 2020900471 | Andrews, N. | | |
| 2020900472 | Mesoblast International Sarl | | |
| 2020900473 | HARRISON-AI PTY LTD | | |
| 2020900474 | Earthling 3.0 Pty Ltd | | |
| 2020900475 | Rowe, B. | | |
| 2020900476 | Volkov, V.; Ponomarev, S. | | |
| 2020900477 | Floatpac Pty Ltd | | |
| 2020900478 | THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH | | |
| 2020900479 | Cutting Edges Equipment Parts Pty Ltd | | |
| 2020900480 | Mechanical System Dynamics Pty Ltd | | |
| 2020900481 | Mechanical System Dynamics Pty Ltd | | |
| 2020900482 | Indefatigable Holdings Pty Ltd | | |
| 2020900483 | McDermott, K.; McDermott, S. | | |
| 2020900484 | Boylard, R. | | |
| 2020900485 | PACKARD, T.C. | | |
| 2020900486 | Mammalis Bio-Analytics Pty Ltd | | |
| 2020900487 | The University of Queensland | | |
| 2020900488 | NewSouth Innovations Pty Limited | | |
| 2020900489 | Firebrick Pharma Pty Ltd | | |
| 2020900490 | WORLD FIELD (AUST) PTY. LTD. | | |
| 2020900491 | Fortescue Metals Group Ltd | | |
| 2020900492 | Williams, R. | | |
| 2020900493 | Deviant Distillery Pty Ltd | | |
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| 2020900497 | Cooper, C. | | |
| 2020900498 | Boyd, N. | | |
| 2020900499 | Joy Global Underground Mining LLC | | |
| 2020900500 | Equipment Safety Systems Pty Ltd | | |
| 2020900501 | Medela Holding AG | | |
| 2020900502 | ARB Corporation Ltd | | |
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| 2020900506 | Woodstock Management Pty Ltd | | |
| 2020900507 | CSR Building Products Limited | | |
| 2020900508 | Form 700 Pty Ltd | | |
| 2020900509 | The University of Sydney | | |
| 2020900510 | SUBTITAN PTY LTD. | | |
| 2020900511 | Mitchell, C.; Mitchell, P. | | |
| 2020900512 | Gardner, A. | | |

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Feb 2020 .

. (*) Title not in Roman characters

. (**) Title not given

| | | |
|---|--|--|
| <hr/> <p>(71) ABB Power Grids Switzerland AG (21) 2020201196 (22) 19.02.2020 (54) Method of controlling a microgrid, power management system, and energy management system (31) 19158732.8 (32) 22.02.19 (33) EP</p> <hr/> <p>(71) ABB Power Grids Switzerland AG (21) 2020201296 (22) 21.02.2020 (54) Method of controlling a microgrid, power management system, and energy management system (31) 19 15 8749.2 (32) 22.02.19 (33) EP</p> <hr/> <p>(71) ABB Schweiz AG (21) 2020201202 (22) 19.02.2020 (54) Method and System for Data Driven Machine Diagnostics (31) 16/281.936 (32) 21.02.19 (33) US</p> <hr/> <p>(71) Abrahamsohn, G. (21) 2020201256 (22) 21.02.2020 (54) HYPERTONIC ANTIMICROBIAL THERAPEUTIC COMPOSITIONS (62) 2014318702</p> <hr/> <p>Aegea Biotechnologies see Biocept, Inc. (21) 2020201291</p> <hr/> <p>(71) Aerovironment (21) 2020201173 (22) 19.02.2020 (54) Multimode unmanned aerial vehicle (62) 2017279569</p> <hr/> <p>(71) Aerovironment, Inc. (21) 2020201213 (22) 20.02.2020 (54) Supervisory safety system for controlling and limiting unmanned aerial system (UAS) operations (62) 2015364404</p> <hr/> <p>(71) Agensys, Inc.; Seattle Genetics, Inc. (21) 2020201153 (22) 18.02.2020 (54) Antibody drug conjugates (ADC) that bind to 191P4D12 proteins (62) 2017236047</p> <hr/> <p>(71) Altro Building Systems (21) 2020201315 (22) 21.02.2020</p> | <p>(54) MOUNT ASSEMBLY FOR DOOR JAMBS (62) 2015202879</p> <hr/> <p>(71) Amgen Inc. (21) 2020201219 (22) 20.02.2020 (54) Methods of treating or preventing cholesterol related disorders (62) 2017232084</p> <hr/> <p>(71) Amgen Inc. (21) 2020201321 (22) 24.02.2020 (54) Combination therapy including an MDM2 inhibitor and one or more additional pharmaceutically active agents for the treatment of cancers (62) 2014346354</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd (21) 2020201274 (22) 21.02.2020 (54) Management system for table game (31) 2019-045249 (32) 21.02.19 (33) JP</p> <hr/> <p>(71) Apple Inc. (21) 2020201175 (22) 19.02.2020 (54) Application integration with a digital assistant (62) 2018200183</p> <hr/> <p>(71) Apple Inc. (21) 2020201187 (22) 19.02.2020 (54) Aluminum alloys with high strength and cosmetic appeal (62) 2017296410</p> <hr/> <p>(71) Apple Inc. (21) 2020201211 (22) 20.02.2020 (54) Portable computer unified top case (62) 2018236687</p> <hr/> <p>(71) Apple Inc. (21) 2020201212 (22) 20.02.2020 (54) Adaptive color space transform coding (62) 2017265177</p> <hr/> <p>(71) Apple Inc. (21) 2020201214 (22) 20.02.2020 (54) Adaptive color space transform coding (62) 2017265177</p> <hr/> <p>(71) Apple Inc. (21) 2020201306 (22) 21.02.2020</p> | <p>(54) Implementation of biometric authentication (62) 2018279788</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2020201357 (22) 25.02.2020 (54) Multifunctional surgical access system (62) 2018202669</p> <hr/> <p>(71) Archemix LLC (21) 2020201145 (22) 18.02.2020 (54) Complement binding aptamers and anti-C5 agents useful in the treatment of ocular disorders (62) 2017258912</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020201269 (22) 21.02.2020 (54) ZERO WEIGHT ARTICULATING ACCESS DOOR (62) 2018204322</p> <hr/> <p>(71) ASIERIS PHARMACEUTICAL TECHNOLOGIES CO., LTD. (21) 2020201177 (22) 19.02.2020 (54) USES OF DOPAMINE BETA-HYDROXYLASE (DBH) INHIBITORS AND SEROTONIN RECEPTOR (5-HT) ANTAGONISTS FOR THE TREATMENT OF CANCER (62) 2017301934</p> <hr/> <p>(71) AstraZeneca AB (21) 2020201277 (22) 21.02.2020 (54) METHODS FOR INCREASING FORCED EXPIRATORY VOLUME IN ASTHMATICS USING BENRALIZUMAB (62) 2014306959</p> <hr/> <p>(71) AstraZeneca AB (21) 2020201327 (22) 24.02.2020 (54) METHODS FOR REDUCING EXACERBATION RATES OF ASTHMA USING BENRALIZUMAB (62) 2014306956</p> <hr/> <p>(71) Austin, M. (21) 2020201359 (22) 25.02.2020 (54) A DISPENSER DEVICE (31) 2019900879 (32) 18.03.19 (33) AU</p> <hr/> <p>(71) Battelle Memorial Institute (21) 2020201199 (22) 19.02.2020</p> |
|---|--|--|

Complete Applications Filed - Name Index cont'd

(54) Method and apparatus for spatial compression and increased mobility resolution of ions
(62) 2017267392

(71) Becton, Dickinson and Company
(21) 2020201186 (22) 19.02.2020
(54) System and method for assuring patient medication and fluid delivery at the clinical point of use
(62) 2017258863

(71) Becton, Dickinson and Company
(21) 2020201285 (22) 21.02.2020
(54) Scanning real-time microfluidic thermocycler and methods for synchronized thermocycling and scanning optical detection
(62) 2017265124

(71) Biocept, Inc.; Aegea Biotechnologies
(21) 2020201291 (22) 21.02.2020
(54) Methods for detecting nucleic acid sequence variants
(62) 2017268486

(71) BioNano Genomics, Inc.
(21) 2020201280 (22) 21.02.2020
(54) Methods for single-molecule analysis
(62) 2014215586

(71) Bioniz, LLC
(21) 2020201174 (22) 19.02.2020
(54) Modulating gamma - c -cytokine activity
(62) 2016334085

BioNTech AG see Ganymed Pharmaceuticals GmbH
(21) 2020201331

(71) BioNTech Research and Development, Inc.
(21) 2020201225 (22) 20.02.2020
(54) Nucleic acids encoding human antibodies to Sialyl-Lewis^x
(62) 2014332442

(71) Board of Regents, the University of Texas System; Soliton, Inc.
(21) 2020201293 (22) 21.02.2020
(54) Rapid pulse electrohydraulic shockwave generator
(62) 2019200193

(71) Boehringer Ingelheim Vetmedica GmbH
(21) 2020201168 (22) 18.02.2020
(54) Treatment of metabolic disorders in canine animals
(62) 2015208291

(71) Brigham and Women's Hospital, Inc.; President and Fellows of Harvard College; Vilnius University
(21) 2020201355 (22) 25.02.2020
(54) SYSTEMS AND METHODS FOR BIOMIMETIC FLUID PROCESSING
(62) 2015241133

(71) Capnia, Inc.
(21) 2020201244 (22) 20.02.2020
(54) SELECTION, SEGMENTATION AND ANALYSIS OF EXHALED BREATH FOR AIRWAY DISORDERS ASSESSMENT
(62) 2015231003

(71) Castle Wall Pty Ltd
(21) 2020201283 (22) 21.02.2020
(54) DENTAL SURGERY METHOD AND DEVICE
(62) PCT/AU2019/050112

(71) CDA Research Group, Inc.
(21) 2020201265 (22) 21.02.2020
(54) Methods of treatment using topical copper ion formulations

(71) Cedly Pty Ltd
(21) 2020201205 (22) 19.02.2020
(54) Fencing brokering arrangement and method
(62) 2017377670

(71) Celltrion, Inc.
(21) 2020201249 (22) 20.02.2020
(54) Stable liquid pharmaceutical preparation
(62) 2017287743

Charlton, K. see In3Bio Ltd.
(21) 2020201297

(71) Clark Cranes Pty Ltd
(21) 2020201326 (22) 24.02.2020
(54) Wireless Remote Hydraulic Tipping Bins Designed for hands free unloading of waste on any commercial constructions sites whereby complete people's handling of waste is eliminated and improve efficiency and productivity while reducing OHS concerns.

(71) CoLabs Medical, Inc.
(21) 2020201241 (22) 20.02.2020
(54) Apparatus and method for improved assisted ventilation
(62) 2015230977

(71) Colgate-Palmolive Company
(21) 2020201157 (22) 18.02.2020
(54) Oral care implement
(62) 2018205151

(71) ConforMIS, Inc.
(21) 2020201305 (22) 21.02.2020
(54) Patient selectable joint arthroplasty devices and surgical tools
(62) 2018223028

(71) ConMed Corporation
(21) 2020201301 (22) 21.02.2020
(54) Cannula assembly for robotically assisted pressure regulated laparoscopic surgical procedures
(62) 2017296226

(71) ConocoPhillips Company; University of Kansas
(21) 2020201160 (22) 18.02.2020
(54) LOW MOLECULAR WEIGHT POLYACRYLATES FOR EOR
(62) 2016205306

(71) Corning Incorporated; Public University Corporation Yokohama City University
(21) 2020201221 (22) 20.02.2020
(54) CULTURE VESSEL AND CULTURE METHOD
(62) 2014276229

(71) Covidien LP
(21) 2020201349 (22) 25.02.2020
(54) Devices and methods for assembling adapter assemblies
(31) 62/812,554 (32) 01.03.19 (33) US
16/788,383 12.02.20 US

(71) Cullimore Engineering Limited
(21) 2020201180 (22) 19.02.2020
(54) Connectors for Electrical Earth Rods
(31) 750896 (32) 20.02.19 (33) NZ

D'Hondt, E. see In3Bio Ltd.
(21) 2020201297

(71) DAIHEN Corporation
(21) 2020201317 (22) 23.02.2020
(54) POWER SYSTEM AND POWER CONTROL DEVICE
(31) 2019-046657 (32) 14.03.19 (33) JP

(71) Daniels, G.S.
(21) 2020201336 (22) 24.02.2020
(54) Roof vent with an integrated fan
(62) 2014385207

(71) Davison, K.
(21) 2020201220 (22) 20.02.2020
(54) Solar Pool Heater
(31) 2019900564 (32) 22.02.19 (33) AU

(71) Depuy Ireland Unlimited Company
(21) 2020201230 (22) 20.02.2020

Complete Applications Filed - Name Index cont'd

(54) Femoral system handle surgical instrument and method of assembling same
(62) 2019201639

(71) Dexcom, Inc.
(21) 2020201259 (22) 21.02.2020

(54) Data backfilling for continuous glucose monitoring
(62) 2016370177

(71) Dispensing Technologies B.V.
(21) 2020201143 (22) 18.02.2020
(54) Metered and active sprayer devices with aerosol functionality ("FLAIROSOL II")
(62) 2018200446

(71) Dolby International AB
(21) 2020201239 (22) 20.02.2020
(54) Improved Harmonic Transposition
(62) 2017258839

(71) Dow AgroSciences LLC
(21) 2020201243 (22) 20.02.2020
(54) Compositions and methods related to half salts of herbicidal carboxylic acids
(62) 2016371916

(71) Dow AgroSciences LLC
(21) 2020201263 (22) 21.02.2020
(54) 4-amino-6-(heterocyclic)picolinates and 6-amino-2-(heterocyclic)pyrimidine-4-carboxylates and their use as herbicides
(62) 2018220080

(71) Drylock Technologies NV
(21) 2020201340 (22) 24.02.2020
(54) Absorbent Structure
(62) 2018200299

(71) Eli Lilly and Company
(21) 2020201233 (22) 20.02.2020
(54) Medical delivery device with axially expandable drive member
(62) 2017237899

(71) Endocyte, Inc.
(21) 2020201329 (22) 24.02.2020
(54) Conjugates for treating diseases caused by PSMA expressing cells
(62) 2018204504

(71) Eris Technology Pty Ltd Pty Ltd
(21) 2020201360 (22) 25.02.2020
(54) PAYMENT METHOD AND SYSTEM
(62) 2018200357

(71) ETHICON ENDO-SURGERY, INC.
(21) 2020201165 (22) 18.02.2020
(54) Force switch
(62) 2018201774

(71) EWRG (SOUTH) PTY LTD
(21) 2020201148 (22) 18.02.2020
(54) GUARDRAIL
(31) 2019900503 (32) 18.02.19 (33) AU

(71) ExxonMobil Upstream Research Company
(21) 2020201192 (22) 19.02.2020
(54) Consolidated refrigeration and liquefaction module in a hydrocarbon processing plant
(62) 2016335557

(71) F. Hoffmann-La Roche AG
(21) 2020201260 (22) 21.02.2020
(54) Process for preparing BTK inhibitors
(62) 2017376580

(71) F. Hoffmann-La Roche AG
(21) 2020201261 (22) 21.02.2020
(54) Process for preparing BTK inhibitors
(62) 2017376580

(71) Fahey, J.
(21) 2020201200 (22) 19.02.2020
(54) Every Terrain Vehicle

(71) Fero Strata Systems Pty Ltd
(21) 2020201155 (22) 18.02.2020
(54) Drill Bit for a Drill Assembly Including a Friction Bolt
(62) 2018201286

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2020201171 (22) 19.02.2020
(54) BREATHING ASSISTANCE APPARATUS
(62) 2017248528

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2020201273 (22) 21.02.2020
(54) VALSALVA MASK
(62) 2018204754

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2020201324 (22) 24.02.2020
(54) CONTROL FOR RESPIRATORY DEVICE
(62) 2014305232

(71) Five3 Genomics, LLC
(21) 2020201237 (22) 20.02.2020
(54) SYSTEMS AND METHODS FOR RNA ANALYSIS IN FUNCTIONAL CONFIRMATION OF CANCER MUTATIONS
(62) 2015236054

(71) Foundation Medicine, Inc.
(21) 2020201325 (22) 24.02.2020
(54) Analysis of genetic variants
(62) 2014262481

(71) FWP IP APS
(21) 2020201290 (22) 21.02.2020
(54) Combination therapy for treatment of multiple sclerosis
(62) 2018201801

(71) G3 Enterprises, Inc.
(21) 2020201316 (22) 22.02.2020
(54) SYSTEM AND METHOD FOR IMPLEMENTING CAP CLOSURE FOR CARBONATED AND OXYGEN SENSITIVE BEVERAGES
(62) 2015211085

(71) Gallagher Group Limited
(21) 2020201281 (22) 21.02.2020
(54) Securing Device
(62) 2017204279

(71) Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech AG
(21) 2020201331 (22) 24.02.2020
(54) Diagnosis and therapy of cancer involving cancer stem cells
(62) 2014298505

(71) General Electric Company
(21) 2020201169 (22) 19.02.2020
(54) KNOWLEDGE-DRIVEN FEDERATED BIG DATA QUERY AND ANALYTICS PLATFORM
(31) 16/282,643 (32) 22.02.19 (33) US

(71) General Electric Company
(21) 2020201170 (22) 19.02.2020
(54) KNOWLEDGE-DRIVEN FEDERATED BIG DATA QUERY AND ANALYTICS PLATFORM
(31) 16/282,684 (32) 22.02.19 (33) US

(71) General Electric Company
(21) 2020201176 (22) 19.02.2020
(54) KNOWLEDGE-DRIVEN FEDERATED BIG DATA QUERY AND ANALYTICS PLATFORM
(31) 16/282,718 (32) 22.02.19 (33) US

(71) Germitec
(21) 2020201351 (22) 25.02.2020
(54) Independent monitoring circuit for a disinfection system
(31) 62/810,859 (32) 26.02.19 (33) US

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-
- (71) Glaukos Corporation
(21) 2020201236 (22) 20.02.2020
(54) Implants with controlled drug delivery features and methods of using same
(62) 2015266850
-
- (71) Glory Ltd
(21) 2020201362 (22) 25.02.2020
(54) Money processing system and money processing method
(31) 2019-033640 (32) 27.02.19 (33) JP
-
- (71) Glory Ltd
(21) 2020201363 (22) 25.02.2020
(54) Money handling apparatus and money handling system
(31) 2019-033622 (32) 27.02.19 (33) JP
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- (71) GOMACO Corporation
(21) 2020201238 (22) 20.02.2020
(54) ROTARY PIVOT ARM POSITIONING ASSEMBLY
(62) 2016262503
-
- (71) Google LLC
(21) 2020201149 (22) 18.02.2020
(54) Adaptable user interface with dual screen device
(62) 2016386036
-
- (71) Google LLC
(21) 2020201207 (22) 19.02.2020
(54) SECURITY IN A SMART-SENSORED HOME
(62) 2018202486
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- (71) Greeneden U.S. Holdings II, LLC
(21) 2020201246 (22) 20.02.2020
(54) Data driven speech enabled self-help systems and methods of operating thereof
(62) 2016291566
-
- (71) Greyrock Technology, LLC
(21) 2020201183 (22) 19.02.2020
(54) Process of Catalytic Production of Diesel Fuel
(62) 2018204943
-
- (71) Guangdong Banach Big Data Technology Co., Ltd.
(21) 2020201333 (22) 24.02.2020
(54) Mobile terminal based platform for emergency calling, risk prewarning, and asking for help by one key
(62) 2018204916
-
- (71) Hanmi Science Co., Ltd.
(21) 2020201322 (22) 24.02.2020
(54) Novel oxyntomodulin derivatives and pharmaceutical composition for treating obesity comprising the same
(62) 2018213964
-
- (71) Hayward Industries, Inc.
(21) 2020201338 (22) 24.02.2020
(54) Swimming pool cleaner and associated components
(62) 2018250537
-
- (71) HeartSine Technologies Limited
(21) 2020201210 (22) 20.02.2020
(54) Defibrillator providing cardio pulmonary resuscitation feedback
(31) 1902526.1 (32) 25.02.19 (33) GB
-
- (71) Hensley Industries, Inc.
(21) 2020201234 (22) 20.02.2020
(54) CONNECTOR SYSTEMS IN EARTH ENGAGING WEAR MEMBER ASSEMBLIES
(62) 2017264874
-
- (71) HiODZ Limited
(21) 2020201164 (22) 18.02.2020
(54) System for Collaborative Transactions
(62) 2018267605
-
- (71) Hipsley, A.
(21) 2020201270 (22) 21.02.2020
(54) SYSTEMS AND METHODS FOR AFFECTING THE BIOMECHANICAL PROPERTIES OF CONNECTIVE TISSUE
(62) 2018260896
-
- (71) Huawei Technologies Co., Ltd.
(21) 2020201252 (22) 21.02.2020
(54) SIGNAL DATA TRANSMISSION METHOD, USER EQUIPMENT, AND BASE STATION
(62) 2018202606
-
- (71) Hubei University
(21) 2020201235 (22) 20.02.2020
(54) SELF-SUPPORTING NICKEL NANOTUBES ON NICKEL FOAM AS ELECTRODE MATERIALS FOR SUPERCAPACITORS AND PREPARATION METHOD THEREOF
(31) 2019110131327 (32) 23.10.19 (33) CN
-
- (71) Iconic Fan Company Pty Ltd
(21) 2020201248 (22) 20.02.2020
(54) An Illumination Device
(31) 3220465 U (32) 26.12.18 (33) JP
-
- (71) IGM BIOSCIENCES, INC
(21) 2020201323 (22) 24.02.2020
(54) TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF
(62) 2016209324
-
- (71) IGM Biosciences, Inc.
(21) 2020201347 (22) 25.02.2020
(54) Modified J-chain
(62) 2015240595
-
- (71) IGT
(21) 2020201141 (22) 18.02.2020
(54) DIRECTIONAL WIRELESS COMMUNICATION
(62) 2017251789
-
- (71) IGT
(21) 2020201346 (22) 25.02.2020
(54) INITIATING A FUNDS TRANSFER FROM A PLAYER'S MOBILE DEVICE TO A CASINO WALLET THAT REQUIRES HUMAN VALIDATION OF THE PLAYER'S IDENTITY
(31) 16/286,064 (32) 26.02.19 (33) US
-
- (71) ImmunoGen, Inc.
(21) 2020201350 (22) 25.02.2020
(54) Folate receptor 1 antibodies and immun-conjugates and uses thereof
(62) 2017279600
-
- (71) Immunovative Therapies, Ltd
(21) 2020201309 (22) 21.02.2020
(54) ABLATIVE IMMUNOTHERAPY
(62) 2014249374
-
- (71) In3Bio Ltd.; Charlton, K.; D'Hondt, E.
(21) 2020201297 (22) 21.02.2020
(54) Recombinant proteins and their therapeutic uses
(62) 2017268634
-
- (71) INCYTE HOLDINGS CORPORATION
(21) 2020201151 (22) 18.02.2020
(54) TOPICAL FORMULATION FOR A JAK INHIBITOR
(62) 2018201889
-
- (71) Industrial Galvanizers Corporation Pty Ltd
(21) 2020201185 (22) 19.02.2020
(54) AN IMPROVED WIRE ROPE BARRIER SYSTEM
(31) 2019900581 (32) 22.02.19 (33) AU
2019902932 13.08.19 AU
-
- (71) Instrumentation Laboratory Company
(21) 2020201311 (22) 21.02.2020
(54) Dual chamber reagent mixing container
(62) 2017308753
-
- (71) Intarcia Therapeutics, Inc.
(21) 2020201358 (22) 25.02.2020
(54) Glucagon-receptor selective polypeptides and methods of use thereof
(62) 2017268161
-

Complete Applications Filed - Name Index cont'd

- (71) Integrity Implants Inc.
(21) 2020201231 (22) 20.02.2020
(54) Surgical guidance device and system for insertion thereof
-
- (71) Janssen Sciences Ireland UC
(21) 2020201203 (22) 19.02.2020
(54) Sulfamoyl-arylamides and the use thereof as medicaments for the treatment of Hepatitis B
(62) 2018204597
-
- (71) JELD-WEN, Inc.
(21) 2020201152 (22) 18.02.2020
(54) Treated wood composite materials and related methods of use
(31) 62/807739 (32) 19.02.19 (33) US
-
- (71) Jiangnan University; Shandong Huamei Biotechnology Limited Company
(21) 2020201318 (22) 23.02.2020
(54) MANUFACTURING METHOD OF HIGH-BRITTLENESS MASHED POTATO CHIPS WITH RED ROSE PETALS
(31) 2019101563919 (32) 01.03.19 (33) CN
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- (71) Juniper Networks, Inc.
(21) 2020201178 (22) 19.02.2020
(54) Rules driven software deployment agent
(31) 62/865,251 (32) 23.06.19 (33) US
16/728,464 27.06.19 US
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- (71) Kala Pharmaceuticals, Inc
(21) 2020201184 (22) 19.02.2020
(54) PHARMACEUTICAL NANOPARTICLES SHOWING IMPROVED MUCOSAL TRANSPORT
(62) 2018202074
-
- (71) Kite Pharma, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2020201292 (22) 21.02.2020
(54) Methods for producing autologous T cells useful to treat B cell malignancies and other cancers and compositions thereof
(62) 2015214145
-
- (71) Koninklijke Douwe Egberts B.V.
(21) 2020201287 (22) 21.02.2020
(54) System, method and capsule for preparing a beverage
(62) 2017219053
-
- (71) Lewis Group Holdings Pty Ltd
(21) 2020201343 (22) 24.02.2020
(54) A HIDE PROCESSING SYSTEM
-
- (71) LG Electronics Inc.
(21) 2020201332 (22) 24.02.2020
- (54) Lifter for laundry treating apparatus
(62) 2019206106
-
- (71) LG ELECTRONICS INC.
(21) 2020201275 (22) 21.02.2020
(54) Liquid dispensing device
(31) 10-2019-0021252 (32) 22.02.19 (33) KR
-
- (71) LG ELECTRONICS INC.
(21) 2020201282 (22) 21.02.2020
(54) Liquid dispensing device
(31) 10-2019-0021253 (32) 22.02.19 (33) KR
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- (71) LG ELECTRONICS INC.
(21) 2020201284 (22) 21.02.2020
(54) Liquid dispensing device
(31) 10-2019-0021251 (32) 22.02.19 (33) KR
-
- (71) LG ELECTRONICS INC.
(21) 2020201320 (22) 24.02.2020
(54) Ice maker and refrigerator
(31) 10-2019-0033167 (32) 22.03.19 (33) KR
-
- (71) Licella Pty Ltd
(21) 2020201229 (22) 20.02.2020
(54) Biorefining method
(62) 2018202784
-
- (71) LIFETIME PRODUCTS, INC.
(21) 2020201166 (22) 18.02.2020
(54) Table with molded plastic table top
(62) 2018202777
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- (71) Lippert Components, Inc.
(21) 2020201330 (22) 24.02.2020
(54) Consensus Building Among Networked Devices For Recreational Vehicle Safety Systems
(31) 62/818,392 (32) 14.03.19 (33) US
-
- (71) Lockdowel, Inc.
(21) 2020201312 (22) 21.02.2020
(54) Clip Lock Fasteners And Fastening System
(62) 2016297566
-
- (71) Lockdowel, Inc.,
(21) 2020201308 (22) 21.02.2020
(54) Channel Lock Fasteners and Fastening System
(62) 2016297565
-
- (71) Lyft, Inc.
(21) 2020201272 (22) 21.02.2020
(54) RFID tag dispenser
(62) 2014339698
-
- (71) Lyteloop Technologies, LLC
(21) 2020201142 (22) 18.02.2020
(54) Data in motion storage system and method
(62) 2017238095
-
- (71) MacDon Industries Ltd.
(21) 2020201227 (22) 20.02.2020
(54) CROP MACHINE WITH AN ELECTRONICALLY CONTROLLED HYDRAULIC CYLINDER FLOTATION SYSTEM
(62) 2019202981
-
- (71) Magenta Therapeutics, Inc.
(21) 2020201138 (22) 18.02.2020
(54) COMPOSITIONS AND METHODS FOR THE DEPLETION OF CD117+ CELLS
(62) 2018200503
-
- (71) Malcolm, A.; Patterson, M.
(21) 2020201286 (22) 21.02.2020
(54) SYSTEM AND METHOD FOR ACCESSING A HUB
(62) 2017276233
-
- (71) Massachusetts Institute of Technology; Whitehead Institute for Biomedical Research
(21) 2020201268 (22) 21.02.2020
(54) Compositions and methods for modified dendrimer nanoparticle vaccine delivery
(62) 2016326695
-
- (71) MASTERCARD ASIA/PACIFIC PTE. LTD.
(21) 2020201201 (22) 19.02.2020
(54) Method and system for making a secure payment transaction
(62) 2016207228
-
- (71) MasterCard International Incorporated
(21) 2020201341 (22) 24.02.2020
(54) Card continuity system and method
(62) 2016308130
-
- (71) MAX CO., LTD.
(21) 2020201304 (22) 21.02.2020
(54) Pneumatic tool
(31) 2019-030820 (32) 22.02.19 (33) JP
2019-030821 22.02.19 JP
2019-030822 22.02.19 JP
2019-030823 22.02.19 JP
2019-030824 22.02.19 JP
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- (71) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
(21) 2020201319 (22) 24.02.2020
(54) UV-B ABSORBING COMPOUNDS ISOLATED FROM PLANTS
(62) 2016277349
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- (71) Mayo Foundation for Medical Education and Research
(21) 2020201289 (22) 21.02.2020

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(54) CARRIER-ANTIBODY COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME
(62) 2018201151

(71) Mechtronic Limited
(21) 2020201251 (22) 20.02.2020
(54) Apparatus For Determining Identity And/or Quantity Of A Fuel
(62) 2015213850

(71) Medartis Holding AG
(21) 2020201146 (22) 18.02.2020
(54) Bone plate, surgical sets and reconstruction sets
(62) 2014414444

(71) MedImmune Limited
(21) 2020201276 (22) 21.02.2020
(54) COMPOSITIONS AND METHODS FOR INHIBITING CANCER STEM CELLS
(62) 2016329409

(71) MEKOUAR, A.N.
(21) 2020201156 (22) 18.02.2020
(54) Surface water sport apparatus and method
(31) 2019900582 (32) 22.02.19 (33) AU

(71) Memorial Sloan Kettering Cancer Center
(21) 2020201161 (22) 18.02.2020
(54) Compositions and methods for treatment of edema
(62) 2016215173

(71) MILWAUKEE ELECTRIC TOOL CORPORATION
(21) 2020201204 (22) 19.02.2020
(54) Cutter and kit
(62) 2016323422

(71) Miyakoshi Printing Machinery Co., Ltd.
(21) 2020201139 (22) 18.02.2020
(54) Intermittent Printing Apparatus
(31) 2019-047015 (32) 14.03.19 (33) JP

(71) Molecular Partners AG
(21) 2020201264 (22) 21.02.2020
(54) Designed ankyrin repeat domains with binding specificity for serum albumin
(62) 2016240220

(71) Monsanto Technology LLC
(21) 2020201208 (22) 19.02.2020
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(62) 2018204578

(71) Mundipharma Pty. Limited
(21) 2020201307 (22) 21.02.2020

(54) Abuse-Resistant Controlled-Release Opioid Dosage Form
(62) 2018206745

(71) MuPharma Pty Ltd
(21) 2020201335 (22) 24.02.2020
(54) Non-invasive agent applicator
(62) 2015255634

(71) Navico Holding AS
(21) 2020201294 (22) 21.02.2020
(54) TROLLING MOTOR WITH LOCAL AND REMOTE CONTROL MODES
(31) 16/283,272 (32) 22.02.19 (33) US

(71) Neurovigil, Inc.
(21) 2020201342 (22) 24.02.2020
(54) Head harness & wireless EEG monitoring system
(62) 2018200217

(71) Nevro Corporation
(21) 2020201352 (22) 25.02.2020
(54) DEVICES FOR CONTROLLING SPINAL CORD MODULATION FOR INHIBITING PAIN, AND ASSOCIATED SYSTEMS AND METHODS, INCLUDING CONTROLLERS FOR AUTOMATED PARAMETER SELECTION
(62) 2017245267

(71) Objective Learning Materials Pty Ltd
(21) 2020201167 (22) 18.02.2020
(54) Templates and handles
(31) 2019901066 (32) 29.03.19 (33) AU

(71) OilQuick Deutschland GmbH
(21) 2020201344 (22) 24.02.2020
(54) ADAPTER FOR A QUICK-CHANGE SYSTEM AND QUICK-CHANGE SYSTEM HAVING SUCH AN ADAPTER
(31) 10 2019 106 850.9 (32) 18.03.19 (33) DE

(71) Omega Ophthalmics LLC
(21) 2020201226 (22) 20.02.2020
(54) Prosthetic capsular devices, systems, and methods
(62) 2017277989

(71) Omeros Corporation
(21) 2020201271 (22) 21.02.2020
(54) Methods for treating conditions associated with MASP-2 dependent complement activation
(62) 2017276333

(71) Oncotherapy Science, Inc.
(21) 2020201216 (22) 20.02.2020
(54) URLC10-derived peptide and vaccine containing same
(62) 2015300260

(71) Orora Limited
(21) 2020201198 (22) 19.02.2020
(54) Machine for erecting a carton from a blank
(62) 2014233552

(71) Patent Investment & Licensing Company
(21) 2020201188 (22) 19.02.2020
(54) Method and System for Implementing Mystery Bonus in Place of Base Game Results on Gaming Machine
(62) 2018200996

Patterson, M. see Malcolm, A.
(21) 2020201286

(71) Perfect Flight Assessoria e Controle de Pulverizacao Ltda
(21) 2020201299 (22) 21.02.2020
(54) System and method for control and audit of chemical products application made by vehicles
(62) 2016408521

(71) PlanetAir Turf Products, LLC
(21) 2020201209 (22) 19.02.2020
(54) AERATION APPARATUS AND METHODS
(62) 2016211483

(71) Plasan SASA Ltd.
(21) 2020201158 (22) 18.02.2020
(54) Impact detection system
(31) 264900 (32) 19.02.19 (33) IL

(71) Plastipak Packaging Inc.
(21) 2020201163 (22) 18.02.2020
(54) Polyaminomethylbenzylalamides and compositions and methods related thereto
(62) 2015350086

Poh, C. see Poh, C.
(21) 2020201310

(71) Poh, C.; Poh, C.
(21) 2020201310 (22) 21.02.2020
(54) AN AIRPLANE WITH TANDEM ROTOSTABILIZERS
(31) PI2020000674 (32) 06.02.20 (33) MY

(71) Precision Planting LLC
(21) 2020201303 (22) 21.02.2020
(54) Agricultural trench closing systems, methods, and apparatus
(62) 2018200495

(71) Presage Biosciences, Inc.
(21) 2020201247 (22) 20.02.2020
(54) Pharmaceutical combinations for the treatment of cancer
(62) 2017241914

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President and Fellows of Harvard College see Brigham and Women's Hospital, Inc.
(21) 2020201355

(71) Profile Products L.L.C.
(21) 2020201215 (22) 20.02.2020
(54) Growing medium and mulch fiber opening apparatus
(62) 2015284371

(71) Prothena Biosciences Limited
(21) 2020201147 (22) 18.02.2020
(54) Antibody formulations and methods
(62) 2017258950

Public University Corporation Yokohama City University see Corning Incorporated
(21) 2020201221

(71) Qualcomm Incorporated
(21) 2020201197 (22) 19.02.2020
(54) FLEXIBLE MULTIPLEXING AND FEEDBACK FOR VARIABLE TRANSMISSION TIME INTERVALS
(62) 2015337025

(71) Qualcomm Incorporated
(21) 2020201250 (22) 20.02.2020
(54) LOW LATENCY AND/OR ENHANCED COMPONENT CARRIER DISCOVERY FOR SERVICES AND HANDOVER
(62) 2015358426

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(21) 2020201191 (22) 19.02.2020
(54) Methods for inhibiting atherosclerosis by administering an inhibitor of PCSK9
(62) 2014274844

(71) Regeneron Pharmaceuticals, Inc.
(21) 2020201279 (22) 21.02.2020
(54) ADAM6 mice
(62) 2017251802

(71) Remington Designs, LLC
(21) 2020201218 (22) 20.02.2020
(54) BEVERAGE BREWING SYSTEMS AND METHODS FOR USING THE SAME
(62) 2015243541

(71) Samsung Electronics Co., Ltd.
(21) 2020201300 (22) 21.02.2020
(54) TRANSMITTING APPARATUS AND RECEIVING APPARATUS AND CONTROLLING METHOD THEREOF
(62) 2018203799

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.
(21) 2020201191

(71) Schlage Lock Company LLC
(21) 2020201194 (22) 19.02.2020
(54) LOCK DEVICES, SYSTEMS AND METHODS
(62) 2018213994

(71) Schneider Electric (Australia) Pty Limited
(21) 2020201150 (22) 18.02.2020
(54) MODIFICATIONS IN A CONNECTION SYSTEM AND METHOD FOR ELECTRICAL OUTLETS
(31) 2019900532 (32) 19.02.19 (33) AU

Seattle Genetics, Inc. see Agensys, Inc.
(21) 2020201153

(71) ServiceNow, Inc.
(21) 2020201298 (22) 21.02.2020
(54) Selectively generating word vector and paragraph vector representations of fields for machine learning
(62) 2019232885

Shandong Huamei Biotechnology Limited Company see Jiangnan University
(21) 2020201318

(71) Sirtex Medical Limited
(21) 2020201295 (22) 21.02.2020
(54) Polymer Based Radionuclide Containing Particulate Material
(62) 2018204461

(71) Société des Produits Nestlé S.A.
(21) 2020201334 (22) 24.02.2020
(54) Synthetic nutritional compositions especially adapted for male and female infants and young children
(62) 2018206771

(71) Solutube International, Inc.
(21) 2020201278 (22) 21.02.2020
(54) SKYLIGHT DIMMER
(31) 16/281,829 (32) 21.02.19 (33) US

Soliton, Inc. see Board of Regents, the University of Texas System
(21) 2020201293

(71) SRG Global IP Pty Ltd
(21) 2020201345 (22) 24.02.2020
(54) FIBRE-IMBUED POST-TENSIONED SUSPENDED CONCRETE
(31) 2019900575 (32) 22.02.19 (33) AU

(71) Standard Bariatrics, Inc.
(21) 2020201172 (22) 19.02.2020
(54) End effectors, surgical stapling devices, and methods of using same
(62) 2015241267

(71) Suktarachan, P.
(21) 2020201206 (22) 19.02.2020
(54) RogerRoj SocialScience BioInformatic WealthManagement FinancialServices Re-formulation

(71) Tata Consultancy Services Limited
(21) 2020201313 (22) 21.02.2020
(54) METHOD AND SYSTEM FOR DETECTION OF CORONARY ARTERY DISEASE IN A PERSON USING A FUSION APPROACH
(62) 2018201007

(71) The Board of Trustees of The Leland Stanford Junior University
(21) 2020201354 (22) 25.02.2020
(54) MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY
(62) 2019246841

(71) The Johns Hopkins University
(21) 2020201258 (22) 21.02.2020
(54) Composite material for tissue restoration
(62) 2015301432

(71) The Nielsen Company (US), LLC
(21) 2020201228 (22) 20.02.2020
(54) Methods and apparatus to compensate impression data for misattribution and/or non-coverage by a database proprietor
(62) 2018200997

(71) The NOCO Company
(21) 2020201222 (22) 20.02.2020
(54) Portable vehicle battery jump start apparatus with safety protection
(62) 2019201559

(71) The NOCO Company
(21) 2020201223 (22) 20.02.2020
(54) Portable vehicle battery jump start apparatus with safety protection
(62) 2019201559

(71) The NOCO Company
(21) 2020201224 (22) 20.02.2020
(54) Portable vehicle battery jump start apparatus with safety protection
(62) 2019201559

(71) THE QUEEN'S UNIVERSITY OF BELFAST
(21) 2020201254 (22) 21.02.2020

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(54) METHODS OF PREPARING NICOTIN-AMIDE RIBOSIDE AND DERIVATIVES THEREOF
(62) 2018211238

(71) The Regents of the University of Michigan
(21) 2020201232 (22) 20.02.2020
(54) ncRNA and uses thereof
(62) 2017276340

(71) Thermodynamic Design, LLC
(21) 2020201356 (22) 25.02.2020
(54) CUSTOMIZABLE DATA MANAGEMENT SYSTEM
(62) 2014240079

(71) The Trustees of the University of Pennsylvania
(21) 2020201190 (22) 19.02.2020
(54) Compositions useful in treatment of ornithine transcarbamylase (OTC) deficiency
(62) 2015229750

(71) The Trustees of the University of Pennsylvania
(21) 2020201242 (22) 20.02.2020
(54) ADENO-ASSOCIATED VIRUS cy.5 (AAVcy.5) SEQUENCES AND RECOMBINANT AAVs COMPRISING SAME
(62) 2017279564

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2020201140 (22) 18.02.2020
(54) Plasmodial surface anion channel inhibitors for the treatment or prevention of malaria
(62) 2018204659

The United States of America, as represented by the Secretary, Department of Health and Human Services see Kite Pharma, Inc.
(21) 2020201292

(71) Thule Sweden AB
(21) 2020201302 (22) 21.02.2020
(54) LOAD CARRIER FOOT
(62) 2018391659

(71) Titan Medical Inc.
(21) 2020201255 (22) 21.02.2020
(54) Graphical User Interface for a Robotic Surgical System
(62) 2017210349

(71) Tocopherx, Inc.
(21) 2020201240 (22) 20.02.2020
(54) Pyrazole compounds as modulators of FSHR and uses thereof
(62) 2014398875

(71) Tokitae LLC
(21) 2020201267 (22) 21.02.2020
(54) Affixed groups of pharmaceutical vials including frangible connectors
(62) 2015277208

(71) Touchtunes Music Corporation
(21) 2020201288 (22) 21.02.2020
(54) Digital jukebox device with improved user interfaces, and associated methods
(62) 2015236102

(71) TRACTO-TECHNIK GmbH & Co. KG
(21) 2020201159 (22) 18.02.2020
(54) GROUND DRILLING DEVICE, SYSTEM COMPRISING A GROUND DRILLING DEVICE, METHOD FOR EARTH DRILLING AND USE OF A GROUND DRILLING DEVICE
(31) 10 2019 001 203.8 (32) 20.02.19 (33) DE

(71) Transdev Group
(21) 2020201181 (22) 19.02.2020
(54) Remote monitoring device for a fleet of autonomous motor vehicles, transport system and flanging method therefor
(31) 19 01895 (32) 25.02.19 (33) FR

(71) Transdev Group
(21) 2020201189 (22) 19.02.2020
(54) Electronic flanging device, monitoring device, autonomous motor vehicle, transport system, flanging method and computer program product therefor
(31) 19 01894 (32) 25.02.19 (33) FR

TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see Ganymed Pharmaceuticals GmbH
(21) 2020201331

University of Kansas see ConocoPhillips Company
(21) 2020201160

(71) Vertex Pharmaceuticals Incorporated
(21) 2020201314 (22) 21.02.2020
(54) SOLID FORMS OF N-[2,4-BIS(1,1-DIMETHYLETHYL)-5-HYDROXYPHENYL]-1,4-DIHYDRO-4-OXOQUINOLINE-3-CARBOXAMIDE
(62) 2018204203

Vilnius University see Brigham and Women's Hospital, Inc.
(21) 2020201355

(71) Virag, B.
(21) 2020201217 (22) 20.02.2020

(54) A method and device for bed bug and pest detection
(31) 16/281,089 (32) 21.02.19 (33) US
16/595,919 08.10.19 US

(71) Vista Outdorr Operations LLC
(21) 2020201257 (22) 21.02.2020
(54) Reduced energy MSR system
(62) 2017241587

(71) Walker Digital Table Systems, LLC
(21) 2020201339 (22) 24.02.2020
(54) Wagering opportunities in live baccarat table game
(62) 2018200986

(71) Waymo LLC
(21) 2020201154 (22) 18.02.2020
(54) A light detection and ranging (LIDAR) device having multiple receivers
(62) 2017345158

(71) Waymo LLC
(21) 2020201337 (22) 24.02.2020
(54) Method and system for determining and dynamically updating a route and driving style for passenger comfort
(62) 2017313818

(71) Whitehead Institute for Biomedical Research
(21) 2020201245 (22) 20.02.2020
(54) Programming and reprogramming of cells
(62) 2017225083

Whitehead Institute for Biomedical Research see Massachusetts Institute of Technology
(21) 2020201268

(71) X Development LLC
(21) 2020201162 (22) 18.02.2020
(54) Identification information for warehouse navigation
(62) 2017330339

(71) X Development LLC
(21) 2020201348 (22) 25.02.2020
(54) Autonomous condensing of pallets of items in a warehouse
(62) 2017315306

(71) Yuan-Mei Corp.
(21) 2020201353 (22) 25.02.2020
(54) Oscillating Range Adjusting Module For Use In Sprinkler

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| 2020201199 | Battelle Memorial Institute | 2020201268 | Massachusetts Institute of Technology; Whitehead Institute for Biomedical Research |
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| 2020201201 | MASTERCARD ASIA/PACIFIC PTE. LTD. | 2020201270 | Hipsley, A. |
| 2020201202 | ABB Schweiz AG | 2020201271 | Omeros Corporation |
| 2020201203 | Janssen Sciences Ireland UC | 2020201272 | Lyft, Inc. |
| 2020201204 | MILWAUKEE ELECTRIC TOOL CORPORATION | 2020201273 | FISHER & PAYKEL HEALTHCARE LIMITED |
| 2020201205 | Ceddy Pty Ltd | 2020201274 | Angel Playing Cards Co., Ltd |
| 2020201206 | Suktarachan, P. | 2020201275 | LG ELECTRONICS INC. |
| 2020201207 | Google LLC | 2020201276 | MedImmune Limited |
| 2020201208 | Monsanto Technology LLC | 2020201277 | AstraZeneca AB |

Complete Applications Filed - Numerical Index cont'd

| | | | |
|-------------------|---|-------------------|--|
| 2020201278 | Solatube International, Inc. | 2020201343 | Lewis Group Holdings Pty Ltd |
| 2020201279 | Regeneron Pharmaceuticals, Inc. | 2020201344 | OilQuick Deutschland GmbH |
| 2020201280 | BioNano Genomics, Inc. | 2020201345 | SRG Global IP Pty Ltd |
| 2020201281 | Gallagher Group Limited | 2020201346 | IGT |
| 2020201282 | LG ELECTRONICS INC. | 2020201347 | IGM Biosciences, Inc. |
| 2020201283 | Castle Wall Pty Ltd | 2020201348 | X Development LLC |
| 2020201284 | LG ELECTRONICS INC. | 2020201349 | Covidien LP |
| 2020201285 | Becton, Dickinson and Company | 2020201350 | ImmunoGen, Inc. |
| 2020201286 | Malcolm, A.; Patterson, M. | 2020201351 | Germitec |
| 2020201287 | Koninklijke Douwe Egberts B.V. | 2020201352 | Nevro Corporation |
| 2020201288 | Touchtunes Music Corporation | 2020201353 | Yuan-Mei Corp. |
| 2020201289 | Mayo Foundation for Medical Education and Research | 2020201354 | The Board of Trustees of The Leland Stanford Junior University |
| 2020201290 | FWP IP APS | 2020201355 | Brigham and Women's Hospital, Inc.; President and Fellows of Harvard College; Vilnius University |
| 2020201291 | Biocept, Inc.; Aegea Biotechnologies | 2020201356 | Thermodynamic Design, LLC |
| 2020201292 | Kite Pharma, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services | 2020201357 | Applied Medical Resources Corporation |
| 2020201293 | Board of Regents, the University of Texas System; Soliton, Inc. | 2020201358 | Intarcia Therapeutics, Inc. |
| 2020201294 | Navico Holding AS | 2020201359 | Austin, M. |
| 2020201295 | Sirtex Medical Limited | 2020201360 | Eris Technology Pty Ltd Pty Ltd |
| 2020201296 | ABB Power Grids Switzerland AG | 2020201362 | Glory Ltd |
| 2020201297 | In3Bio Ltd.; Charlton, K.; D'Hondt, E. | 2020201363 | Glory Ltd |
| 2020201298 | ServiceNow, Inc. | | |
| 2020201299 | Perfect Flight Assessoria e Controle de Pulverizacao Ltda | | |
| 2020201300 | Samsung Electronics Co., Ltd. | | |
| 2020201301 | ConMed Corporation | | |
| 2020201302 | Thule Sweden AB | | |
| 2020201303 | Precision Planting LLC | | |
| 2020201304 | MAX CO., LTD. | | |
| 2020201305 | ConforMIS, Inc. | | |
| 2020201306 | Apple Inc. | | |
| 2020201307 | Mundipharma Pty. Limited | | |
| 2020201308 | Lockdowel, Inc., | | |
| 2020201309 | Immunovative Therapies, Ltd | | |
| 2020201310 | Poh, C.; Poh, C. | | |
| 2020201311 | Instrumentation Laboratory Company | | |
| 2020201312 | Lockdowel, Inc. | | |
| 2020201313 | Tata Consultancy Services Limited | | |
| 2020201314 | Vertex Pharmaceuticals Incorporated | | |
| 2020201315 | Altro Building Systems | | |
| 2020201316 | G3 Enterprises, Inc. | | |
| 2020201317 | DAIHEN Corporation | | |
| 2020201318 | Jiangnan University; Shandong Huamei Biotechnology Limited Company | | |
| 2020201319 | Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. | | |
| 2020201320 | LG ELECTRONICS INC. | | |
| 2020201321 | Amgen Inc. | | |
| 2020201322 | Hanmi Science Co., Ltd. | | |
| 2020201323 | IGM BIOSCIENCES, INC | | |
| 2020201324 | FISHER & PAYKEL HEALTHCARE LIMITED | | |
| 2020201325 | Foundation Medicine, Inc. | | |
| 2020201326 | Clark Cranes Pty Ltd | | |
| 2020201327 | AstraZeneca AB | | |
| 2020201329 | Endocyte, Inc. | | |
| 2020201330 | Lippert Components, Inc. | | |
| 2020201331 | Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech AG | | |
| 2020201332 | LG Electronics Inc. | | |
| 2020201333 | Guangdong Banach Big Data Technology Co., Ltd. | | |
| 2020201334 | Société des Produits Nestlé S.A. | | |
| 2020201335 | MuPharma Pty Ltd | | |
| 2020201336 | Daniels, G.S. | | |
| 2020201337 | Waymo LLC | | |
| 2020201338 | Hayward Industries, Inc. | | |
| 2020201339 | Walker Digital Table Systems, LLC | | |
| 2020201340 | Drylock Technologies NV | | |
| 2020201341 | MasterCard International Incorporated | | |
| 2020201342 | Neurovigil, Inc. | | |

Innovation Patent Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Feb 2020 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

BIAN, Y. see WU, D.
(21) 2020100225

BIAN, Y. see WU, D.
(21) 2020100226

(71) BISSELL Inc.
(21) 2020100233 **(22)** 18.02.2020
(54) Surface cleaning apparatus with drying cycle
(31) 62/810,525 **(32)** 26.02.19 **(33)** US

CAO, Y. see WU, D.
(21) 2020100225

Chen, R. see Li, P.
(21) 2019101176

Ding, M. see Liu, Z.
(21) 2019101204

(71) Dou, P.
(21) 2019101225 **(22)** 06.10.2019
(54) An Autonomous Escape System and Method for High-rise Buildings

(71) EOS-ENVIRO/EOS Import and Export Ltd.
(21) 2020100228 **(22)** 17.02.2020
(54) Filter Mask with UVC LED

(71) Foshan University
(21) 2019101507 **(22)** 03.12.2019
(54) A method for measuring closed-pore porosity of a nanoporous film

(71) Gansu Agricultural University
(21) 2020100229 **(22)** 17.02.2020
(54) ACTIVATED CARBON PREPARED FROM BIOMASS WASTE, PREPARATION METHOD THEREOF, AND USE THEREOF IN TREATMENT OF NITROPHENOL COMPOUNDS IN WASTEWATER
(31) 201911298521.9 **(32)** 17.12.19 **(33)** CN

Gao, Y. see Song, S.
(21) 2019101177

He, Y. see Liu, X.
(21) 2019101180

(71) HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY; INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES; UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA
(21) 2019101483 **(22)** 28.11.2019
(54) Adaptive bandwidth transmitting mechanism suitable for ultra high-speed wireless local area network

Huang, H. see Liu, Z.
(21) 2019101204

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(21) 2019101483

(71) Invention Holdings Pty Ltd
(21) 2020100232 **(22)** 18.02.2020
(54) An Accessory for Tiling

(71) Just Pure Holdings Pty Ltd
(21) 2020100231 **(22)** 17.02.2020
(54) PREPARATION FOR TREATMENT OF COLIC

(71) Kreiviz, A.
(21) 2020100236 **(22)** 18.02.2020
(54) Magic Ginger Bread sweetened with honey: Ingredients: 100% Australian - honey, ginger, garlic, lupin

Lei, M. see Song, S.
(21) 2019101177

(71) Leslie, C.
(21) 2020100235 **(22)** 18.02.2020
(54) A LAWN BOWLS SCORING AND GAME MONITORING ARRANGEMENT
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Li, Y. see Li, P.
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(71) Li, P.; Chen, R.; Li, Y.; Shen, H.; Shen, Q.; Zhang, Y.
(21) 2019101176 **(22)** 02.10.2019
(54) Efficient parallelization of sequence alignment method in bioinformatics

Li, B. see Song, S.
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(21) 2019101177

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(21) 2019101178

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(21) 2019101200

(71) Linson-Smith, L.
(21) 2020100224 **(22)** 15.02.2020
(54) Serviette/Table Napkin Retainer

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(21) 2019101180

(71) Liu, X.; He, Y.; Liu, C.; Shen, H.; Xu, Y.; Zhuang, Q.
(21) 2019101180 **(22)** 02.10.2019
(54) A method of target tracking algorithms applied in mis

(71) Liu, Z.; Ding, M.; Huang, H.; Song, Y.; Wang, Y.
(21) 2019101204 **(22)** 03.10.2019
(54) Method of object detection for vehicle on-board video based on RetinaNet

(71) Liveshop Pty Ltd
(21) 2020100230 **(22)** 17.02.2020
(54) Online shopping system

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(21) 2020100225

(71) Ming, X.; Lin, X.; Shao, H.
(21) 2019101200 **(22)** 03.10.2019
(54) Method of tracking of Surgical Target and Tool

(71) Nanjing Haners Biotechnology Co.Ltd.
(21) 2019101622 **(22)** 16.12.2019
(54) CUTTER FOR CHINESE HERBAL SLICES

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- (71) Nanjing Hanmingzhi Intelligent Technology Co.Ltd.
(21) 2019101618 (22) 16.12.2019
(54) A Placing Frame of Intelligent Manufacturing Industry for Conveniently Protecting Parts
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- (71) Nanjing Hanmingzhi Intelligent Technology Co.Ltd.
(21) 2019101619 (22) 16.12.2019
(54) A Fixed Device for Conveniently Installing Robot Arms
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- (71) Nanjing Hanxiyue Automation Technology Co.Ltd.
(21) 2019101513 (22) 04.12.2019
(54) COMPLETE SORTER FOR LOGISTICS TRANSPORTATION
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(21) 2019101516 (22) 04.12.2019
(54) TRANSPORTATION SORTING SYSTEM FOR AUTOMATED LOGISTICS
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- (71) Nanjing Lingque Intelligent Manufacturing Co.Ltd.
(21) 2019101576 (22) 12.12.2019
(54) MATERIAL HANDLING ROBOT FOR INDUSTRIAL PRODUCTION
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(21) 2019101577 (22) 12.12.2019
(54) INDUSTRIAL ROBOT FOR GRIPPING
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- (71) Nanjing RuiYi Electronic Technology Co. Ltd.
(21) 2019101552 (22) 11.12.2019
(54) WAVE RECORDER FIXING DEVICE WITH PROTECTION FUNCTION
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- (71) Nanjing RuiYi Electronic Technology Co. Ltd.
(21) 2019101600 (22) 13.12.2019
(54) A material follow-up robot for production and manufacturing
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- (71) Nanjing Vision Lyle Automotive Electronics Co.Ltd.
(21) 2019101621 (22) 16.12.2019
(54) Electronic Product Assembling Fixture
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- (71) Nanjing Yuqun Communication Technology Co.Ltd.
(21) 2019101514 (22) 04.12.2019
(54) Processing Device for Applying Rotor Anti-rust Paint
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- (71) Nanjing Yusheng Robot Technology Co.Ltd.
(21) 2019101623 (22) 16.12.2019
(54) CHASSIS MOUNTING STRUCTURE OF INDUSTRIAL ROBOT
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- (71) Nanjing Yusheng Robot Technology Co.Ltd.
(21) 2019101634 (22) 17.12.2019
(54) INTELLIGENT PROCESSING DEVICE AND STRENGTH DETECTION MECHANISM FOR PLATE
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- (71) Nanjing Yuzhi Intelligent Technology Co.Ltd.
(21) 2019101515 (22) 04.12.2019
(54) An unloading robot for industrial use
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- (71) Nanjing Yuzhi Intelligent Technology Co.Ltd.
(21) 2019101530 (22) 06.12.2019
(54) INDUSTRIAL INTELLIGENT CLAMP DEVICE
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- (71) Nanjing Yuzhi Intelligent Technology Co.Ltd.
(21) 2019101553 (22) 11.12.2019
(54) INDUSTRIAL ROBOT OVERHAUL AND MAINTENANCE DEVICE
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- (71) Nanjing Yuzhi Intelligent Technology Co.Ltd.
(21) 2019101620 (22) 16.12.2019
(54) An industrial robot loading and unloading clamping mechanism
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- Nie, W. see Sun, W.
(21) 2019101201
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- Pan, X. see Qu, Z.
(21) 2019101202
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- Peng, Y. see Zhang, L.
(21) 2019101203
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- (71) Pujiang Left and Right Industry and Trade Co., Ltd.
(21) 2019101456 (22) 26.11.2019
(54) Automobile trailer hook with buffer mechanism
(31) 2019214107981 (32) 28.08.19 (33) CN
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- (71) Pujiang Left and Right Industry and Trade Co., Ltd.
(21) 2019101457 (22) 26.11.2019
(54) High-strength tensile horn hook with stability mechanism
(31) 2019214103533 (32) 28.08.19 (33) CN
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- (71) Pujiang Left and Right Industry and Trade Co., Ltd.
(21) 2019101458 (22) 26.11.2019
(54) Console for polishing equipment for horn hook
(31) 2019214171704 (32) 29.08.19 (33) CN
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- (71) Pujiang Left and Right Industry and Trade Co., Ltd.
(21) 2019101459 (22) 26.11.2019
(54) Rotary spraying device for processing horn angle grapple
(31) 2019214259236 (32) 30.08.19 (33) CN
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- (71) Pujiang Left and Right Industry and Trade Co., Ltd.
(21) 2019101460 (22) 26.11.2019
(54) Molding mechanism for processing claw hooks
(31) 2019214260479 (32) 30.08.19 (33) CN
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- (71) Qu, Z.; Pan, X.; Song, J.; Wang, Y.
(21) 2019101202 (22) 03.10.2019
(54) Method of time arrangement between ground stations and satellites based on genetic algorithm
-
- Shao, H. see Ming, X.
(21) 2019101200
-
- Shen, H. see Li, P.
(21) 2019101176
-
- Shen, Q. see Li, P.
(21) 2019101176
-
- Shen, H. see Liu, X.
(21) 2019101180
-
- (71) Solomon, K.
(21) 2020100223 (22) 15.02.2020
(54) Reversible Liquid/Solid Phase Change Composition
(31) 2019900800 (32) 11.03.19 (33) AU
-
- (71) Song, S.; Gao, Y.; Lei, M.; Li, B.; Li, Y.; Wang, Y.
(21) 2019101177 (22) 02.10.2019
(54) Unattended video classifying system based on transfer learning
-
- Song, J. see Qu, Z.
(21) 2019101202
-
- Song, Y. see Liu, Z.
(21) 2019101204
-
- (71) SOUTHWEST UNIVERSITY
(21) 2019101578 (22) 12.12.2019

Innovation Patent Applications Filed - Name Index cont'd

(54) COPTIS CHINENSIS ACNE-REMOVING COMPOSITION AND ITS APPLICATION

(71) Sun, W.; Nie, W.; Wang, T.; Yuan, Y.; Zeng, Y.; Zhang, Z.

(21) 2019101201 **(22)** 03.10.2019

(54) A consortium block chain system using proof of work computing ability to realize valuable calculation

(71) Taiyuan city vocational college

(21) 2019101481 **(22)** 28.11.2019

(54) Method for Cultivating a Miniature Bonsai in a Vehicle

(71) Taiyuan city vocational college

(21) 2019101482 **(22)** 28.11.2019

(54) Vacuum repair method for tree holes or tree pits

UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA see HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(21) 2019101483

Wang, Y. see Song, S.

(21) 2019101177

Wang, Y. see Xu, T.

(21) 2019101178

Wang, J. see Xu, T.

(21) 2019101178

Wang, T. see Sun, W.

(21) 2019101201

Wang, Y. see Qu, Z.

(21) 2019101202

Wang, S. see Zhang, L.

(21) 2019101203

Wang, Z. see Zhang, L.

(21) 2019101203

Wang, Y. see Liu, Z.

(21) 2019101204

WANG, T. see WU, D.

(21) 2020100226

Wu, Z. see Zhang, L.

(21) 2019101203

(71) WU, D.; CAO, Y.; LUO, C.; BIAN, Y.

(21) 2020100225 **(22)** 16.02.2020

(54) TWO-TIER NETWORKS PLATFORM AND SYSTEM WITH APPLICATION TO DEBT RISK ANALYSIS

(71) WU, D.; WANG, T.; BIAN, Y.

(21) 2020100226 **(22)** 16.02.2020

(54) DYNAMIC MATCHING SYSTEM FOR DRIVER DISPATCHING WITH APPLICATION TO ON-DEMAND SERVICE PLATFORMS BACKGROUND OF THE INVENTION

(71) XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(21) 2020100227 **(22)** 16.02.2020

(54) METHOD FOR DETERMINING COAL WALL RIB SPALLING OF LARGE MINING-HEIGHT FULLY-MECHANIZED MINING FACE OF SHALLOW COAL SEAM

(71) XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(21) 2020100234 **(22)** 18.02.2020

(54) METHOD FOR WATER CONSERVATION MINING BY FILLING FLEXIBLE STRIP

(71) Xu, T.; Li, Y.; Wang, Y.; Wang, J.

(21) 2019101178 **(22)** 02.10.2019

(54) Data Sensing and Processing for Complex Engineering Systems

Xu, Y. see Liu, X.

(21) 2019101180

Yuan, Y. see Sun, W.

(21) 2019101201

Zeng, Y. see Sun, W.

(21) 2019101201

Zhang, Y. see Li, P.

(21) 2019101176

Zhang, Z. see Sun, W.

(21) 2019101201

(71) Zhang, L.; Peng, Y.; Wang, S.; Wang, Z.; Wu, Z.

(21) 2019101203 **(22)** 03.10.2019

(54) The quadcopter for cleaning the glass of buildings

(71) Zhao, T.

(21) 2019101179 **(22)** 02.10.2019

(54) A combined process for the recovery of valuable metals from waste ternary cathode materials based on chlorination roasting at medium temperature and water leaching

Zhuang, Q. see Liu, X.

(21) 2019101180

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| 2019101176 | Li, P.; Chen, R.; Li, Y.; Shen, H.; Shen, Q.; Zhang, Y. | 2019101530 | Nanjing Yuzhi Intelligent Technology Co.Ltd. |
| 2019101177 | Song, S.; Gao, Y.; Lei, M.; Li, B.; Li, Y.; Wang, Y. | 2019101552 | Nanjing RuiYi Electronic Technology Co. Ltd. |
| 2019101178 | Xu, T.; Li, Y.; Wang, Y.; Wang, J. | 2019101553 | Nanjing Yuzhi Intelligent Technology Co.Ltd. |
| 2019101179 | Zhao, T. | 2019101576 | Nanjing Lingque Intelligent Manufacturing Co.Ltd. |
| 2019101180 | Liu, X.; He, Y.; Liu, C.; Shen, H.; Xu, Y.; Zhuang, Q. | 2019101577 | Nanjing Niebo Internet of Things Technology Co.Ltd. |
| 2019101200 | Ming, X.; Lin, X.; Shao, H. | 2019101578 | SOUTHWEST UNIVERSITY |
| 2019101201 | Sun, W.; Nie, W.; Wang, T.; Yuan, Y.; Zeng, Y.; Zhang, Z. | 2019101600 | Nanjing RuiYi Electronic Technology Co. Ltd. |
| 2019101202 | Qu, Z.; Pan, X.; Song, J.; Wang, Y. | 2019101618 | Nanjing Hanmingzhi Intelligent Technology Co.Ltd. |
| 2019101203 | Zhang, L.; Peng, Y.; Wang, S.; Wang, Z.; Wu, Z. | 2019101619 | Nanjing Hanmingzhi Intelligent Technology Co.Ltd. |
| 2019101204 | Liu, Z.; Ding, M.; Huang, H.; Song, Y.; Wang, Y. | 2019101620 | Nanjing Yuzhi Intelligent Technology Co.Ltd. |
| 2019101225 | Dou, P. | 2019101621 | Nanjing Vision Lyle Automotive Electronics Co.Ltd. |
| 2019101456 | Pujiang Left and Right Industry and Trade Co., Ltd. | 2019101622 | Nanjing Haners Biotechnology Co.Ltd. |
| 2019101457 | Pujiang Left and Right Industry and Trade Co., Ltd. | 2019101623 | Nanjing Yusheng Robot Technology Co.Ltd. |
| 2019101458 | Pujiang Left and Right Industry and Trade Co., Ltd. | 2019101634 | Nanjing Yusheng Robot Technology Co.Ltd. |
| 2019101459 | Pujiang Left and Right Industry and Trade Co., Ltd. | 2020100223 | Solomon, K. |
| 2019101460 | Pujiang Left and Right Industry and Trade Co., Ltd. | 2020100224 | Linson-Smith, L. |
| 2019101481 | Taiyuan city vocational college | 2020100225 | WU, D.; CAO, Y.; LUO, C.; BIAN, Y. |
| 2019101482 | Taiyuan city vocational college | 2020100226 | WU, D.; WANG, T.; BIAN, Y. |
| 2019101483 | HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY; INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES; UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA | 2020100227 | XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY |
| 2019101507 | Foshan University | 2020100228 | EOS-ENVIRO/EOS Import and Export Ltd. |
| 2019101513 | Nanjing Hanxiyue Automation Technology Co.Ltd. | 2020100229 | Gansu Agricultural University |
| 2019101514 | Nanjing Yuqun Communication Technology Co.Ltd. | 2020100230 | Liveshop Pty Ltd |
| 2019101515 | Nanjing Yuzhi Intelligent Technology Co.Ltd. | 2020100231 | Just Pure Holdings Pty Ltd |
| 2019101516 | Nanjing Hanxiyue Automation Technology Co.Ltd. | 2020100232 | Invention Holdings Pty Ltd |
| | | 2020100233 | BISSELL Inc. |
| | | 2020100234 | XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY |
| | | 2020100235 | Leslie, C. |
| | | 2020100236 | Kreiviz, A. |

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 |
| 8 | Application Lapsed Reg. 3.4(6) |
| 9 | Application Lapsed Section 142(3) |
| 11 | Application Lapsed Section 148(1)(c) |
| 12 | Application Withdrawn Section 141(1) |
| 13 | Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2) |
| 14 | Patent Ceased Section 143(a), or Expired |
| 15 | Patent Ceased Section 143(b) |
| 16 | Application Refused |
| 17 | Application Lapsed Reg. 22.2B(2) |
| 18 | Application Lapsed Reg. 3.2B(3),(5) or (6) |
| 20 | Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4) |
| 21 | Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4 |
| 22 | Patent Ceased Section 143A(d), or Expired |
| 23 | Patent Ceased Section 143A(e) |
| 24 | Application Lapsed Reg. 22.2E(2) |
| 25 | Application Lapsed Reg. 22.2I(2) |
| 26 | Application Lapsed Reg. 3.5AC(11) |
| 27 | Application Lapsed Reg. 3.5AF(2F) |
| 28 | Application Lapsed Reg. 22.15A(3) |
| A | Applications on which examination has not been requested or directed |
| B | Applications on which a direction to request examination has been given |
| C | Applications on which examination has been requested or on which an examination report has been issued |
| D | Applications which have been accepted or advertised accepted |
| E | Patents on which an examination has not been requested |
| F | Patents on which an examination has been requested or report issued |
| G | Patents Certified |
| N | Applications not Open to Public Inspection |

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| 2000016372 (14) | 2000016423 (14) | 2000016424 (14) |
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2014228217 (5C) 2014228758 (5C) 2014232264 (5C)
2014232707 (5C) 2014237961 (5C) 2014239990 (5C)
2014241355 (5C) 2014248927 (5C) 2014257321 (5C)
2014262163 (5C) 2014295913 (5C) 2014296315 (5C)
2014296887 (5C) 2014304620 (5C) 2014307793 (5C)
2014325117 (5C) 2014339751 (5C) 2014340398 (5C)
2014348672 (5C)

2015

2015202868 (5C) 2015213641 (25D) 2015216886 (5C)
2015224463 (5C) 2015237411 (5C) 2015248562 (5C)
2015258758 (5C) 2015263846 (5C) 2015263980 (5C)
2015274348 (5C) 2015279815 (5C) 2015295304 (5C)
2015295380 (5C) 2015313943 (5C) 2015314251 (5C)
2015328723 (5C) 2015329731 (25D) 2015330157 (5C)
2015337130 (5C) 2015337805 (5C) 2015385117 (1B)
2015398764 (5C) 2015402054 (25D) 2015405015 (5C)
2015409833 (1B)

2016

2016201633 (1B) 2016201746 (1B) 2016216563 (1B)
2016216628 (1B) 2016226042 (1B) 2016226275 (1B)
2016227079 (1B) 2016228413 (1B) 2016229189 (1B)
2016229193 (1B) 2016229996 (1B) 2016231299 (1B)
2016231465 (1B) 2016231983 (1B) 2016234268 (1B)
2016236298 (1B) 2016236781 (1B) 2016254260 (5C)
2016275811 (5C) 2016301115 (1B) 2016308169 (1B)
2016309885 (1B) 2016309956 (1B) 2016309963 (1B)
2016316799 (5C) 2016317557 (5C) 2016326400 (1B)
2016326653 (1B) 2016329033 (1B) 2016330889 (5C)
2016340241 (5C) 2016353442 (1B) 2016353930 (5C)
2016355523 (1B) 2016356884 (1B) 2016362774 (5C)
2016366432 (5C) 2016377240 (1B) 2016377992 (1B)
2016380363 (1B) 2016380890 (1B) 2016380976 (1B)
2016381567 (1B) 2016381692 (1B) 2016382838 (1B)
2016383122 (1B) 2016391833 (25D)

2017

2017203585 (5C) 2017204940 (1B) 2017207269 (5C)
2017211043 (5C) 2017212896 (25D) 2017214838 (5C)
2017216595 (5C) 2017219061 (5C) 2017219310 (5C)
2017230808 (25D) 2017235901 (5C) 2017236399 (25D)
2017245329 (5C) 2017251727 (5C) 2017254892 (5C)
2017254910 (5C) 2017254940 (5C) 2017254957 (5C)
2017263283 (5C) 2017268597 (5C) 2017268613 (5C)
2017268620 (5C) 2017268642 (5C) 2017272145 (5C)
2017284175 (5C) 2017293401 (5C) 2017344366 (5C)

2018

2018200146 (5C) 2018200287 (5C) 2018200594 (5C)
2018200720 (5C) 2018200759 (5C) 2018200768 (5C)
2018200936 (5C) 2018201088 (5C) 2018201100 (5C)
2018201156 (5C) 2018201707 (5C) 2018201753 (5C)
2018201798 (5C) 2018202043 (5C) 2018202096 (5C)
2018202281 (5C) 2018202290 (5C) 2018202783 (5C)
2018203633 (5C) 2018204663 (5C) 2018204755 (5C)

2018206711 (5C) 2018206810 (5C) 2018207947 (5C)
 2018250413 (5C) 2018253502 (5C) 2018253598 (5C)
 2018264111 (5C)

2019

2019100645 (21F) 2019101176 (16AN) 2019101177 (16AN)
 2019101178 (16AN) 2019101179 (16AN) 2019101180 (16AN)
 2019101200 (16AN) 2019101201 (16AN) 2019101202 (16AN)
 2019101203 (16AN) 2019101204 (16AN) 2019101225 (16AN)
 2019101504 (18AN) 2019101532 (18AN) 2019101677 (12AN)
 2019219830 (12C) 2019271952 (1B) 2019272054 (1B)
 2019275567 (7AN) 2019275580 (7AN) 2019900550 (12AN)
 2019900760 (12AN)

2020

2020900474 (12AN)

Assignments before Grant, Section 113

2013

2013400609 BeiGene, Ltd. The application has been assigned to **BeiGene Switzerland GmbH**

2014

2014290395 Ionis Pharmaceuticals, Inc. The application has been assigned to **BIOGEN MA INC.**

2014318559 Assurant, Inc.; TS HOLDINGS, INC. The application has been assigned to **Assurant, Inc.**

2014388884 ABB Technology AG The application has been assigned to **ABB Schweiz AG**

2014398232 Rodriguez, Robert; Shorr, Robert; Boteju, Lakmal; Bingham, Paul; Marecek, James; Kwok, Thomas The application has been assigned to **Rafael Pharmaceuticals, Inc.**

2014398233 Rodriguez, Robert; Shorr, Robert; Boteju, Lakmal; Bingham, Paul; Marecek, James The application has been assigned to **Rafael Pharmaceuticals, Inc.**

2015

2015307312 Synvina C.V. The application has been assigned to **FUR-ANIX TECHNOLOGIES B.V.**

2016

2016202773 Gainsborough Hardware Industries Limited The application has been assigned to **Allegion (Australia) Pty Ltd**

2016257769 Cheyl Pty Ltd The application has been assigned to **Clipex IP Limited**

2016281432 TeCom AS The application has been assigned to **Indikel AS**

2017

2017201618 Gainsborough Hardware Industries Limited The application has been assigned to **Allegion (Australia) Pty Ltd**

2017201619 Gainsborough Hardware Industries Limited The application has been assigned to **Allegion (Australia) Pty Ltd**

Assignments before Grant, Section 113

2017205231 Sentient Technologies (Barbados) Limited The application has been assigned to **Evolv Technology Solutions, Inc.**

2017228715 Intel Corporation The application has been assigned to **Apple Inc.**

2017276359 GeoSentinel Pty Ltd The application has been assigned to **Geosentinel Holdings Pty Ltd**

2017279669 Technolite (Singapore) Pte Ltd The application has been assigned to **Photizo Global Pte Ltd**

2017315241 Alfieri, Michele; Courey, Stephen The application has been assigned to **Quickstyle Industries Inc.**

2017336093 Ionis Pharmaceuticals, Inc. The application has been assigned to **BIOGEN MA INC.**

2017373667 Barberi, Steven; Lewis, Edward; Denison, Thomas; Eannarino, Steven; TOCA Football, Inc. The application has been assigned to **TOCA Football, Inc.**

2017391172 Sawyer, Megan; Trevino, Ricardo; Crosby, Kent; Kim, Peter; Heartland Consumer Products, LLC; Gelov, Teodor The application has been assigned to **Heartland Consumer Products, LLC**

2018

2018203394 Intel Corporation The application has been assigned to **Apple Inc.**

2018289410 Jungla Inc. The application has been assigned to **Jungla LLC**

2018293922 Far Focus Pty Ltd The application has been assigned to **Capricornia Contact Lens Pty Ltd**

2018326701 Genesys Telecommunications Laboratories, Inc. The application has been assigned to **Greeneden U.S. Holdings II, LLC**

2018902310 Gainsborough Hardware Industries Limited The application has been assigned to **Allegion (Australia) Pty Ltd**

2018904811 Griep, Peter The application has been assigned to **Sill Design Pty Ltd**

2019

2019283897 INO Therapeutics LLC The application has been assigned to **Mallinckrodt Hospital Products IP Limited**

2019902098 Gainsborough Hardware Industries Limited The application has been assigned to **Allegion (Australia) Pty Ltd**

2019903227 Hasted, Ronald The application has been assigned to **STA Holdings Pty Ltd**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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.

2003

2003274766 **SK Bioscience Co., Ltd.** An application to extend the time from 15 Oct 2017 to 15 Jan 2020 in which to request an Extension of Term - Pharmaceutical has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2010

2010328690 **Houweling Nurseries Oxnard, Inc.** An application to extend the time from 07 May 2019 to 07 Dec 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2011

2011358577 **C Laser, Inc.** An application to extend the time from 20 Dec 2018 to 20 Oct 2019 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

2013

2013228090 **BridgeDrive Products B.V.** An application to extend the time from 28 Feb 2019 to 28 Feb 2020 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014213537 **Houweling Nurseries Oxnard, Inc.** An application to extend the time from 07 May 2019 to 07 Dec 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2014277360 **James, D.** An application to extend the time from 05 Jun 2019 to 05 Jan 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

2014389985 **Liu, P.** An application to extend the time from 05 Nov 2018 to 05 Dec 2019 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017

2017254895 **i2 Pharmaceuticals, Inc.** An application to extend the time from 18 Jan 2019 to 18 Aug 2020 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2018

2018220100 **Thomson Reuters (GRC) Inc** An application to extend the time from 30 Dec 2018 to 30 Jan 2020 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018243365 **GloFish, LLC** An application to extend the time from 03 Oct 2018 to 03 Nov 2019 in which to comply with Section 6(c) has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

Extensions of Time, Section 223

2019

2019200090 **Houweling Nurseries Oxnard, Inc.** An application to extend the time from 07 May 2019 to 07 Dec 2019 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

Applications Allowed - Section 223(2)

2007

2007346883 **Fundacao De Ensino De Engenharia De Engenharia De Santa Catarina - FEESC; Carbonobrasil Tecnologia E Servicos Ambientais Ltda** The time in which to pay a renewal fee has been extended to 15 Dec 2019 . Address for service - AJ Pietras IP Limited Level 1, 29 Kings Crescent Lower Hutt Wellington 5010 NZ

2010

2010230846 **Cozitots Australia Pty Ltd** The time in which to pay a renewal fee has been extended to 31 Oct 2019 . Address for service - The Trustee for Cozitots Australia Trust PO BOX 230 Park Orchards VIC 3114 AU

2012

2012389957 **Caboni, M.** The time in which to gain acceptance has been extended to 28 Mar 2020 . Address for service - Michele Caboni Ashutosh Choudhary C/O KAnalysis Level 54 111 Eagle Street Brisbane QLD 6000 AU

2013

2013263803 **NOWWW.US PTY LIMITED** The time in which to gain acceptance has been extended to 06 Apr 2020 . Address for service - Lance Arthur Roman-Miller PO Box R813 Royal Exchange NSW 1225 AU

2014

2014372846 **Xsens AS** The time in which to gain acceptance has been extended to 18 Mar 2020 . Address for service - CHILIAD CONSULTING PTY LTD GPO Box 1629 Adelaide SA 5001 AU

2015

2015237788 **Piramal Enterprises Limited** The time in which to request examination has been extended to 19 Sep 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015307266 **Chang, H.M.** The time in which to pay the acceptance fee has been extended to 12 Jan 2020 . Address for service - Huei Meng CHANG Governor Phillip Tower L 23 1 Farrer Pl Sydney NSW 2000 AU

2015323562 **AQUAPAK POLYMERS LIMITED** The time in which to pay the acceptance fee has been extended to 03 Feb 2020 . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

2017

2017345609 **General Electric Company** The time in which to enter the National Phase has been extended to 21 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017390111 **General Electric Company** The time in which to enter the National Phase has been extended to 21 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018

2018202164 **Monsanto Technology LLC** The time in which to pay the continuation fee has been extended to 11 Oct 2019 . Address for service - Pizzey

Extensions of Time, Section 223

Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2018218181 **Relectrify Holdings Pty Ltd** The time in which to pay the acceptance fee has been extended to 24 Feb 2020 . Address for service - Origin Patent and Trade Mark Attorneys P O Box 106775 Auckland 1143 NZ

2018229441 **TBI Innovations, LLC; Thornhill Research, Inc.** The time in which to gain acceptance has been extended to 20 May 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2019

2019204371 **Orban, T.; Daubeny, P.; Jalahej, H.; Daubeny, N.** The time in which to request examination has been extended to 02 Dec 2019 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2020

2020201054 **Maytronics Ltd** The time in which to claim the convention priority date has been extended to 03 Mar 2020 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 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.

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.

2006

2006200845 Plumbing Arrangements & Fittings **Zetco Valves Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2019 . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2013

2013323577 Reversible ratcheting tool with dual pawls **Apex Brands, Inc.** The nature of the amendment is: Amend the name of the inventor to read Anderson, Alan D.; Xu, Yongsheng and Shen, Tsung-Hsien . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014356581 Preparation of a powdery pharmaceutical composition by means of cryo-milling **Grunenthal GmbH** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014378413 Emulsion composition for skin **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015256689 A grocery transport packaging system **ifoodbag AB** The nature of the amendment is as shown in the statement(s) filed 18 Feb 2020 .

Amendments

Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

2015346450 Expandable drug delivery devices and method of use **For-Sight Vision4, Inc.** The nature of the amendment is: To substitute the Notice of Entitlement on file . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2016

2016213929 Compounds containing carbon-carbon linker as GPR120 agonists **Piramal Enterprises Limited** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2016240031 Irrigation connectors **SA EXEL Industries** The nature of the amendment is as shown in the statement(s) filed 06 Feb 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016422604 Product container with electrochemistry device **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2020 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2017

2017200540 Reversible ratcheting tool with dual pawls **Apex Brands, Inc.** The nature of the amendment is: Amend the name of the inventors to read ANDERSON, ALAN D.; XU, Yongsheng and SHEN, Tsung-Hsien . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017203919 COMPOUNDS FOR THE TREATMENT OF NEUROPSYCHIATRIC DISORDERS **Curemark, LLC** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2020 . Address for service - Pizzegas Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2017248416 Self-orienting syringe and syringe to-injector interface **Bayer HealthCare LLC** The nature of the amendment is as shown in the statement(s) filed 19 Feb 2020 . Address for service - Davies Collison Cave Pty Ltd GPO Box 3876 Sydney NSW 2001 AU

2017288899 Low-temperature inhalation administration of cannabinoid entities **EP Pharma LLC** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2020 . Address for service - Baldwins Intellectual Property L 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2017294290 Improved scissors lift for a wheelchair **Mobility Motion Components** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2020 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2017309131 Interaction between antimicrobial quaternary compounds and anionic surfactants **Ecolab USA Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Feb 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017391552 Charge release circuit, display substrate, display device, and charge release method thereof **BOE Technology Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Jan 2020 .

Amendments

Address for service - Griffith Hack Level 29 Northpoint 100 Miller Street Sydney NSW 2060 AU

2018

2018200571 COMPOSITIONS, METHODS AND USES FOR ALPHA-1 ANTITRYPSIN FUSION MOLECULES **Advent Bio Holdings LLC ; The Regents of the University of Colorado, a Body Corporate ; Konkuk University** The nature of the amendment is: Amend the name of the applicant to read The Regents of the University of Colorado, a Body Corporate and Konkuk University . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018201596 Membrane-adherent self-assembled systems for treatment of ocular disorders **Integral Biosystems LLC** The nature of the amendment is: Amend the name of the inventors to read BARMAN, Shikha P.; THEKKE-DATH, Ritesh V.; WARD, Kevin; CROMWICK Anne-Marie and BARMAN, Koushik . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2018237814 THREE-DIMENSIONALIZATION OF FIFTH GENERATION COMMUNICATION **SoftBank Corp.** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2020 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2018253513 Devices, methods, and graphical user interfaces for navigating between user interfaces and interacting with control objects **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read KAR-UNAMUNI, Chanaka G.; ALONSO RUIZ, Marcos; DE VRIES, Nathan; WALKIN, Brandon M.; LEMAY, Stephen O.; FOSS, Christopher P.; STACK, Caelan G.; BERNSTEIN, Jeffrey T.; MISSIG, Julian K.; DONG, Linda L.; KEDIA, Shubham; WAN, Wan Si; AMINI, Mani; TYLER, William M.; SUH, Bongsoo and NAVIDPOUR, Seyed M. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

Amendments Made

2001

2001283377 **The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services** The nature of the amendment is: Amend the name of the inventor to read Court, Donald L.; Yu, Daiguan; Lee, E-Chiang; Ellis, Hilary M.; Jenkins, Nancy A.; Copeland, Neal G.; Swaminathan, Srividya and Sharan, Shyam K.

2010

2010286347 **Aranoc Pty Ltd** The nature of the amendment is as shown in the statement filed 13 Sep 2019

2014

2014287221 **Annexon, Inc.** The nature of the amendment is as shown in the statement filed 18 Nov 2019

2015

2015201690 **Barclays Execution Services Limited** The nature of the amendment is as shown in the statement filed 28 Nov 2019

2015208353 **Thales Management & Services Deutschland GmbH** The nature of the amendment is as shown in the statement filed 04 Nov 2019

Amendments

2015243051 **Weatherford Technology Holdings, LLC** The nature of the amendment is as shown in the statement filed 11 Oct 2019

2015348957 **Omrix Biopharmaceuticals Ltd.** The nature of the amendment is as shown in the statement filed 19 Nov 2019

2016

2016200180 **ASAHI SEIKO CO., LTD.** The nature of the amendment is: Amend the priority details to read JP2015-135749 07 Jul 2015 JP

2016217954 **Thermal Purification Technologies Limited** The nature of the amendment is: Amend the invention title to read Multistage distillation system, method for the operation thereof

2016227621 **Peter und Traudl Engelhorn-Stiftung zur Förderung der Lebenswissenschaften** The nature of the amendment is as shown in the statement filed 25 Nov 2019

2016230118 **NBC Meshtec Inc.** The nature of the amendment is: Amend the invention title to read Insect repellent fiber and insect repellent screen using same

2016256186 **BSN Medical GmbH** The nature of the amendment is: Amend the invention title to read Multi-step process for NO production

2016298471 **Newlink Genetics Corporation** The nature of the amendment is as shown in the statement filed 18 Nov 2019

2017

2017352992 **China Merchants Loscam (Asia Pacific) Co., Limited** The nature of the amendment is as shown in the statement filed 19 Feb 2020

2017426297 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Work vehicle and control method for work vehicle

2017431581 **Lee, S.** The nature of the amendment is: Amend the invention title to read Airless tire

2018

2018100800 **The Quick Flick Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2019

2018201754 **Casale SA** The nature of the amendment is: Amend the name of the inventor to read Filippi, Ermanno; Ostuni, Raffaele and Marzari Chiesa, Damiano

2018201801 **FWP IP APS** The nature of the amendment is: Amend the name of the inventor to read Terwey, Theis; Rupp, Roland and Andersen, Peter M.

2018202115 **AbbVie Biotechnology Ltd** The nature of the amendment is as shown in the statement filed 01 Nov 2019

2018202180 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is: Amend the priority details to read 201720333448.4 31 Mar 2017 CN

Amendments

2018226611 **4DX Limited; Cedars-Sinai Medical Centre** The nature of the amendment is: Amend the name of the inventor to read Samarage, Charminda Rajeev; Fouras, Andreas; Jones, Heather and Tapson, Victor

2018240375 **Genentech, Inc.; Ascendis Pharma A/S** The nature of the amendment is as shown in the statement filed 12 Feb 2020

2018242490 **Emblation Limited** The nature of the amendment is: Amend the name of the inventor to read McErlean, Eamon; Beale, Gary and Kidd, Matthew Donald

2018251811 **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAYES, Graham M.; TEUSCHER, Scott; MARCIANO, Edward Lawrence; FLOYD, Greg and FERRELL, Garrett Jacob

2018288868 **Pacesetter, Inc.** The nature of the amendment is as shown in the statement filed 14 Feb 2020

2018297710 **Biocon Limited** The nature of the amendment is as shown in the statement filed 07 Feb 2020

2018301381 **Cyteir Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 30 Jan 2020

2018304109 **Helix OpCo, LLC** The nature of the amendment is: Amend the name of the inventor to read LU, James; CHOU, Jim; LEE, William; WILLIAMS, Chris; WARREN, James and JIANG, Ruomu

2018307425 **Jeiko Innovations Oy** The nature of the amendment is as shown in the statement filed 13 Feb 2020

2018311701 **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement filed 17 Feb 2020

2018313810 **Orionis Biosciences Inc.; Orionis Biosciences NV** The nature of the amendment is: Amend the name of the inventor to read KLEY, Nikolai; TAVERNIER, Jan; ZABEAU, Lennart and DEPLA, Erik

2018315105 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Communication method and communications device

2018317463 **The Trustees of Columbia University in the City of New York** The nature of the amendment is: Amend the name of the inventor to read NUCKOLLS, Colin; HERNANDEZ SANCHEZ, Raul; YANG, Yuan; SISTO, Thomas; CHENG, Qian and MILTON, Margarita

2018317902 **Sera Prognostics, Inc.** The nature of the amendment is: Amend the name of the inventor to read BONIFACE, John Jay; KEARNEY, Paul Edward; BURCHARD, Julja; CRITCHFIELD, Gregory Charles; HICKOK, Durlin Edward; FLEISCHER, Tracey Cristine and POLPITIYA, Ashoka

2018326106 **Immunemed Inc.** The nature of the amendment is: Amend the invention title to read Composition For Preventing And Treating Skin Disease Comprising Material Specifically Binding To Vimentin-Derived Peptide

2018326380 **Bayer HealthCare LLC** The nature of the amendment is: Amend the name of the inventor to read McDermott, Michael; Marsh, Chelsea;

Amendments

Spohn, Michael; Barone, William; Taheri, Shahab; Thu, Han Min; Coleman, David; Yoo, Jee Hoon and Delbrugge, Vince

2018343781 **Nichiha Corporation** The nature of the amendment is: Amend the invention title to read MOUNTING MEMBER AND BUILDING WALL STRUCTURE

2019

2019200755 **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement filed 19 Nov 2019

2019202481 **Biosense Webster (Israel) Ltd.** The nature of the amendment is: Amend the name of the inventor to read ALGAWI, Yehuda; GOVARI, As-saf and SITNITSKY, Ilya

2019232209 **CJ Cheiljedang Corporation** The nature of the amendment is: Amend the invention title to read A Novel Promoter And A Method For Producing L-Amino Acid Using The Same

2019299864 **Nuctech Company Limited** The nature of the amendment is: Amend the invention title to read Shielding structure of safety inspection equipment and safety inspection channel

2020

2020200959 **OK Biotech Co. Ltd.** The nature of the amendment is: Amend the invention title to read Tour Bus

Alteration of Name(s) of Applicant(s)/Patentee(s)**2004**

2004214360 **Gelcore LLC** The name of the patentee has been altered to **CURRENT LIGHTING SOLUTIONS, LLC**

2010

2010245947 **Actuant Corporation** The name of the patentee has been altered to **Enerpac Tool Group Corp.**

2012

2012325760 **Nitta Casings Inc.** The name of the patentee has been altered to **Viscofan Collagen USA Inc.**

2013

2013206257 **Sigma Coachair Group Pty Ltd.** The name of the patentee has been altered to **Sigma Air Conditioning Pty Ltd**

2015

2015256507 **Noramco, Inc.** The name of the applicant has been altered to **Noramco, LLC**

2015410455 **JGC Corporation** The name of the applicant has been altered to **JGC Holdings Corporation**

2016

2016217655 **Huntsman P&A UK Limited** The name of the applicant has been altered to **Venator Materials UK Limited**

Amendments

2016238883 GE Lighting Solutions, LLC The name of the applicant has been altered to **Current Lighting Solutions, LLC**

2016249375 Nitta Casings Inc. The name of the applicant has been altered to **Viscofan Collagen USA Inc.**

2016255611 UCL Business plc The name of the applicant has been altered to **UCL Business Ltd**

2016393739 Evonik Degussa GmbH; ThyssenKrupp Steel Europe AG
The name of the applicant has been altered to **Evonik Operations GmbH; ThyssenKrupp Steel Europe AG**

2017

2017204655 GE Lighting Solutions, LLC The name of the applicant has been altered to **Current Lighting Solutions, LLC**

2017296095 BioNTech AG; Genmab A/S The name of the applicant has been altered to **BioNTech SE; Genmab A/S**

2017296129 Cristal Pigment UK Limited The name of the applicant has been altered to **Tronox Pigment UK Limited**

2017354941 Clarity Pharmaceuticals Pty Ltd The name of the applicant has been altered to **Clarity Pharmaceuticals Ltd**

2018

2018279941 Magnolia Medical Technologies, Inc.; Gregory J. Bullington ; Jay M. Miazga; Shan E. Gaw ; Timothy F. Ramsey The name of the applicant has been altered to **Magnolia Medical Technologies, Inc.**

2018304618 Aleph Farms The name of the applicant has been altered to **ALEPH FARMS LTD**

2018313767 Fluid Handling LLC The name of the applicant has been altered to **O.I. Corporation**

2018318695 Avalon Polytom (HK) Limited; Johnson Lau The name of the applicant has been altered to **Avalon Polytom (HK) Limited**

2018344098 FOLLICLE, LLC The name of the patentee has been altered to **Follicle, Inc.**

2019

2019282158 Illumina, Inc.; University of Washington; Jay Shendure ; Junyue Cao The name of the applicant has been altered to **Illumina, Inc.; University of Washington**

2019901716 Luoda Pharma Limited The name of the applicant has been altered to **Luoda Pharma Pty Ltd**

2020

2020200437 JVC Kenwood Corporation The name of the applicant has been altered to **JVCKENWOOD Corporation**

2020900389 Ezy Mining Solutions Pty Ltd The name of the applicant has been altered to **Ezy Mining Solutions Pty Ltd**

Amendments Made Under Section 105**Amendments**

Court Order by the Federal Court of Victoria, VID1127/2018
Australian Patent/Patent Application 2011268899 in the name of Intervet International B.V.

The amendments advertised in the Official Journal of Patents dated 23 May 2019 have been made in accordance with a Court Order 18 Feb 2020 .

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

(71) 10X Genomics, Inc.
 (11) AU-A-2020201117
 (21) 2020201117 (22) 17.02.2020
 (54) PROCESSES AND SYSTEMS FOR PREPARING NUCLEIC ACID SEQUENCING LIBRARIES AND LIBRARIES PREPARED USING SAME
 (51) Int. Cl.
B01J 19/00 (2006.01)
 (43) 05.03.2020
 (62) 2016207023
 (72) HARDENBOL, Paul; PATEL, Pranav; HINDSON, Benjamin; WYATT, Paul; BJORNSON, Keith; WU, Indira; BELHOCINE, Kamila
 (74) Houlihan² Pty Ltd

(71) 3M Innovative Properties Company
 (11) AU-A-2020201047
 (21) 2020201047 (22) 13.02.2020
 (54) Personal protective equipment system having analytics engine with integrated monitoring, alerting, and predictive safety event avoidance
 (51) Int. Cl.
G06Q 10/06 (2012.01)
 (43) 05.03.2020
 (62) 2017281894
 (72) AWISZUS, Steven T.; KANUKURTHY, Kiran S.; LOBNER, Eric C.; QUINTERO, Robert J.; JOHNSON, Micayla A.; FILLOUX, Madeleine E.
 (74) FPA Patent Attorneys Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019219717
 (21) 2019219717 (22) 19.08.2019
 (54) SYSTEM AND METHOD FOR ANALYZING PARTIAL UTTERANCES
 (51) Int. Cl.
G10L 15/22 (2006.01)
 (31) 16/105,578 (32) 20.08.18 (33) US
 (43) 05.03.2020
 (72) DEBNATH, Poulami; SENGUPTA, Shubhashis; WABGAONKAR, Harshawardhan Madhukar
 (74) Murray Trento & Associates Pty Ltd

Acclarent, Inc. see Biosense Webster (Israel) Ltd.
 (21) 2019216688

(71) AddOn Optics Ltd.
 (11) AU-A-2020201126
 (21) 2020201126 (22) 17.02.2020
 (54) Adhesive optical film to convert an eye-glass lens to a progressive lens
 (51) Int. Cl.

G02C 7/08 (2006.01)
G02B 3/10 (2006.01)
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 (62) 2015260773
 (72) ARIELI, Yoel; ENGLER, Haim; ERLICHMAN, Amir
 (74) Spruson & Ferguson

(71) Aerovironment
 (11) AU-A-2020201173
 (21) 2020201173 (22) 19.02.2020
 (54) Multimode unmanned aerial vehicle
 (51) Int. Cl.
F42B 15/01 (2006.01)
 (43) 05.03.2020
 (62) 2017279569
 (72) Miralles, Carlos
 (74) Shelston IP Pty Ltd.

(71) Aerovironment, Inc.
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 (21) 2020201213 (22) 20.02.2020
 (54) Supervisory safety system for controlling and limiting unmanned aerial system (UAS) operations
 (51) Int. Cl.
B64C 27/08 (2006.01)
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 (72) Thurling, Andrew Joseph; Mohos, Joseph F.
 (74) Shelston IP Pty Ltd.

(71) Agensys, Inc.; Seattle Genetics, Inc.
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 (21) 2020201153 (22) 18.02.2020
 (54) Antibody drug conjugates (ADC) that bind to 191P4D12 proteins
 (51) Int. Cl.
C07K 1/00 (2006.01)
A61K 31/7088 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
 (43) 05.03.2020
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 (72) Satpaev, DAulet; Morrison, Robert Kendall; Morrison, Karen Jane Meyrick; Gudas, Jean; Jakobovits, Aya; Torgov, Michael; An, Zili
 (74) FB Rice Pty Ltd

(71) Air Products and Chemicals, Inc.
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 (21) 2019213373 (22) 08.08.2019
 (54) NATURAL GAS LIQUEFACTION WITH INTEGRATED NITROGEN REMOVAL
 (51) Int. Cl.
C10L 3/10 (2006.01)
 (31) 16/103,479 (32) 14.08.18 (33) US

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 (72) Roberts, Mark Julian; Chen, Fei; Ott, Christopher Michael; Ott Weist, AnneMarie
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Altus NZ Limited
 (11) AU-A-2019216641
 (21) 2019216641 (22) 14.08.2019
 (54) Improvements In Or Relating To Window Stays
 (51) Int. Cl.
E05D 15/40 (2006.01)
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 (72) Wadia, Farrokh; Couzyn, Nolan Lloyd; Holden, Ronald
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 (11) AU-A-2020200420
 (21) 2020200420 (22) 29.01.2020
 (54) Enhancing autophagy or increasing longevity by administration of urolithins or precursors thereof
 (51) Int. Cl.
C07D 493/00 (2006.01)
A61K 31/00 (2006.01)
A61K 31/366 (2006.01)
A61K 45/06 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
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 (74) Shelston IP Pty Ltd.

(71) Amgen Inc.
 (11) AU-A-2020200659
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 (54) Injector and method of assembly
 (51) Int. Cl.
A61M 5/24 (2006.01)
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 (72) Tan-Malecki, Francisca; Forster, Ron; Nunn, Scott; Holt, Mark D.; Tran, Son; Moberg, Sheldon
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 (11) AU-A-2020201012
 (21) 2020201012 (22) 13.02.2020
 (54) Methods for treating homozygous familial hypercholesterolemia
 (51) Int. Cl.
 A61P 3/06 (2006.01)
 A61K 39/395 (2006.01)
 C07K 16/40 (2006.01)
 (43) 05.03.2020
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 (72) Wasserman, Scott; Scott, Robert Andrew Donald; Stein, Evan A.
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(71) Amgen Inc.
 (11) AU-A-2020201051
 (21) 2020201051 (22) 13.02.2020
 (54) A Method For Treating Melanoma Using A Herpes Simplex Virus And An Immune Checkpoint Inhibitor
 (51) Int. Cl.
 C07K 16/28 (2006.01)
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 (72) VANDERWALDE, Ari; SHABOOTI, Mohamed
 (74) WRAYS PTY LTD

(71) Angel Playing Cards Co., Ltd.
 (11) AU-A-2020201016
 (21) 2020201016 (22) 13.02.2020
 (54) Gaming chip and management system
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 A44C 21/00 (2006.01)
 B41M 3/14 (2006.01)
 B42D 25/20 (2014.01)
 B42D 25/30 (2014.01)
 B42D 25/382 (2014.01)
 B42D 25/455 (2014.01)
 B42D 25/46 (2014.01)
 G03B 29/00 (2006.01)
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 (72) SHIGETA, Yasushi
 (74) FB Rice Pty Ltd

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 (21) 2020201080 (22) 14.02.2020
 (54) CARD SHOOTER DEVICE AND CARD STORAGE METHOD
 (51) Int. Cl.
 A63F 1/10 (2006.01)
 (43) 05.03.2020
 (62) 2018200712
 (72) Shigeta, Yasushi
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020201019
 (21) 2020201019 (22) 13.02.2020
 (54) Devices and methods for accessing prevalent device functions
 (51) Int. Cl.
 G06F 1/32 (2006.01)
 G06F 3/0488 (2013.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020201023
 (21) 2020201023 (22) 13.02.2020
 (54) Adaptive transfer function for video encoding and decoding
 (51) Int. Cl.
 H04N 19/124 (2014.01)
 H04N 19/154 (2014.01)
 H04N 19/17 (2014.01)
 H04N 19/98 (2014.01)
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 (72) TOURAPIS, Alexis; SINGER, David
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
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 (21) 2020201030 (22) 13.02.2020
 (54) Intelligent digital assistant in a multi-tasking environment
 (51) Int. Cl.
 G06F 3/16 (2006.01)
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 (62) 2019213416
 (72) KUDURSHIAN, Aram D.; JONES, Bronwyn; CRANFILL, Elizabeth Caroline; SADDLER, Harry J.
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2020201129 (22) 17.02.2020
 (54) Unified communication application
 (51) Int. Cl.
 H04L 12/58 (2006.01)
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 (72) GUZMAN SUAREZ, Angela J.; WESTEN, Peter T.; BERNARDO, Jason A.; PAYNE, Jeremy D.; DE FILIPPIS, Pierre; COFFMAN, Patrick
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020201175
 (21) 2020201175 (22) 19.02.2020

(54) Application integration with a digital assistant
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 G06Q 99/00 (2006.01)
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 (62) 2018200183
 (72) RADEBAUGH, Carey E.; NEWEN-DORP, Brandon J.; PETERSON, Corey J.; DASARI, Rohit; TRAN, Trungtin; KHOSLA, Vineet
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020201187
 (21) 2020201187 (22) 19.02.2020
 (54) Aluminum alloys with high strength and cosmetic appeal
 (51) Int. Cl.
 C22C 21/10 (2006.01)
 C22F 1/053 (2006.01)
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 (72) Misra, Abhijeet; Wright, James A.; Jou, Heng-Jeng
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020201214
 (21) 2020201214 (22) 20.02.2020
 (54) Adaptive color space transform coding
 (51) Int. Cl.
 H04N 19/122 (2014.01)
 H04N 19/186 (2014.01)
 H04N 19/196 (2014.01)
 H04N 19/46 (2014.01)
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 (72) TOURAPIS, Alexandros
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2020201099
 (21) 2020201099 (22) 14.02.2020
 (54) Simulated dissectible tissue
 (51) Int. Cl.
 G09B 23/28 (2006.01)
 G09B 23/30 (2006.01)
 G09B 23/34 (2006.01)
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 (72) FELSINGER, Natasha; BLACK, Katie; BRESLIN, Tracy
 (74) Griffith Hack

(71) Aqseptence Group, Inc.
 (11) AU-A-2020201107
 (21) 2020201107 (22) 17.02.2020
 (54) Enhanced Shape Support Grid
 (51) Int. Cl.
 B01D 33/23 (2006.01)
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 (72) Saul, Garth Hayes; Norell, Robert Glen; Brabec, Dean Gerald; Schmitt, Benjamin; Visekruna, Dusan; Ekholm, Michael

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Richard; Eberhardt, Eugene; Wolfe, Edmund M.
(74) James & Wells Intellectual Property

(71) Archemix LLC
(11) AU-A-2020201145
(21) 2020201145 **(22)** 18.02.2020
(54) Complement binding aptamers and anti-C5 agents useful in the treatment of ocular disorders
(51) Int. Cl.
A61K 31/155 (2006.01)
A61K 31/64 (2006.01)
A61K 48/00 (2006.01)
C12N 15/115 (2010.01)
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(72) EPSTEIN, David; KURZ, Jeff C.
(74) Spruson & Ferguson

(71) Aristocrat Technologies Australia Pty Limited
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(21) 2020201010 **(22)** 12.02.2020
(54) A gaming system and a method of gaming
(51) Int. Cl.
A63F 13/00 (2006.01)
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(62) 2018201424
(72) Willis, John Vincent
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2020201125
(21) 2020201125 **(22)** 17.02.2020
(54) A GAMING SYSTEM
(51) Int. Cl.
A63F 13/52 (2014.01)
A63F 13/46 (2014.01)
G07F 17/32 (2006.01)
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(72) DEGENS, Erika; TRAN, Toan; CRISPINO, Oliver; MAYO, Marc
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2020201127
(21) 2020201127 **(22)** 17.02.2020
(54) A GAMING SYSTEM
(51) Int. Cl.
A63F 13/45 (2014.01)
(43) 05.03.2020
(62) 2018214061
(72) BENNETT, Nicholas
(74) Griffith Hack

(71) ASIERIS PHARMACEUTICAL TECHNOLOGIES CO., LTD.
(11) AU-A-2020201177
(21) 2020201177 **(22)** 19.02.2020
(54) USES OF DOPAMINE BETA-HYDROXYLASE (DBH) INHIBITORS AND SEROTONIN RECEPTOR (5-HT) ANT-

AGONISTS FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 31/415 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/417 (2006.01)
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(72) PAN, Ke; LI, Qiang
(74) AJ PARK

(71) Auspex Pharmaceuticals, Inc.
(11) AU-A-2020201091
(21) 2020201091 **(22)** 14.02.2020
(54) Methods of manufacturing benzoquinoline compounds
(51) Int. Cl.
C07C 231/02 (2006.01)
A61K 31/473 (2006.01)
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(62) 2014357518
(72) Zhang, Chengzhi
(74) Allens Patent & Trade Mark Attorneys

Austin, C. see Paxarms N.Z. Limited
(21) 2018219974

Austin, T.A. see Paxarms N.Z. Limited
(21) 2018219974

(71) Band-Lok, LLC
(11) AU-A-2020201123
(21) 2020201123 **(22)** 17.02.2020
(54) Tether clamp and implantation system
(51) Int. Cl.
A61B 17/70 (2006.01)
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(62) 2018200786
(72) LINDQUIST, Stuart; KAPITAN, John M.; ROOF, Randy; ALBERT, Michael
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(71) Battelle Memorial Institute
(11) AU-A-2020201199
(21) 2020201199 **(22)** 19.02.2020
(54) Method and apparatus for spatial compression and increased mobility resolution of ions
(51) Int. Cl.
B01D 59/44 (2006.01)
H01J 49/00 (2006.01)
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(72) Ibrahim, Yehia M.; Garimella, Sandilya; Smith, Richard D.
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(71) Becton, Dickinson and Company
(11) AU-A-2020201186
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(54) System and method for assuring patient medication and fluid delivery at the clinical point of use
(51) Int. Cl.
A61M 5/168 (2006.01)

G06T 7/00 (2006.01)
(43) 05.03.2020
(62) 2017258863
(72) Burkholz, Jonathan Karl; O'Bryan, Jeff
(74) FB Rice Pty Ltd

(71) BEIGENE, LTD.
(11) AU-A-2020201069
(21) 2020201069 **(22)** 14.02.2020
(54) Anti-PD1 antibodies and their use as therapeutics and diagnostics
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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(62) 2013400609
(72) SONG, Jing; LI, Kang; ZHANG, Tong; XU, Lanlan; LIU, Qi; PENG, Hao
(74) Griffith Hack

(71) BE Intellectual Property, Inc.
(11) AU-A-2020201068
(21) 2020201068 **(22)** 14.02.2020
(54) Aircraft interior lavatory
(51) Int. Cl.
B64D 11/02 (2006.01)
(43) 05.03.2020
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(72) Cook, Donald F.; Harrington, Liberty D.; Steiner, Philipp; Brauer, Robert K.
(74) Davies Collison Cave Pty Ltd

(71) Bioniz, LLC
(11) AU-A-2020201174
(21) 2020201174 **(22)** 19.02.2020
(54) Modulating gamma - c -cytokine activity
(51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/20 (2006.01)
C07K 14/55 (2006.01)
C12N 15/24 (2006.01)
C12N 15/26 (2006.01)
(43) 05.03.2020
(62) 2016334085
(72) Azimi, Nazli
(74) Davies Collison Cave Pty Ltd

(71) Biosense Webster (Israel) Ltd.
(11) AU-A-2019204293
(21) 2019204293 **(22)** 19.06.2019
(54) Determining a location and an orientation of a magnetic field sensor
(51) Int. Cl.
A61B 5/06 (2006.01)
A61B 5/05 (2006.01)
G01B 7/004 (2006.01)
(31) 16/103,176 **(32)** 14.08.18 **(33)** US
(43) 05.03.2020
(72) GOVARI, Assaf; GLINER, Vadim
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(71) Biosense Webster (Israel) Ltd.
(11) AU-A-2019205987
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Applications Open to Public Inspection - Name Index cont'd

- (51) Int. Cl.
A61B 5/053 (2006.01)
(31) 16/102,187 (32) 13.08.18 (33) US
(43) 05.03.2020
(72) ROTMAN, Eyal; LEVIN, Michael;
BONYAK, Yevgeny; VILENSKY, Alek;
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- (71) Biosense Webster (Israel) Ltd.
(11) AU-A-2019213297
(21) 2019213297 (22) 05.08.2019
(54) Improved heat transfer during ablation procedures
(51) Int. Cl.
A61N 1/05 (2006.01)
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(43) 05.03.2020
(72) BEECKLER, Christopher Thomas;
KEYES, Joseph Thomas
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- (71) Biosense Webster (Israel) Ltd.
(11) AU-A-2019216588
(21) 2019216588 (22) 12.08.2019
(54) A guidewire with an integrated optical fiber
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A61B 18/24 (2006.01)
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16/292,931 05.03.19 US
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(72) GOVARI, Assaf
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A61B 1/12 (2006.01)
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A61M 5/307 (2006.01)
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A61B 1/32 (2006.01)
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- huda; GOVARI, Assaf; DEAN, Marc; EB-RAHIMI, Babak; TROTT, Jordan R.
(74) Spruson & Ferguson
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- (71) Biosense Webster (Israel) Ltd.
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(21) 2019219704 (22) 19.08.2019
(54) Learned monitoring device correction
(51) Int. Cl.
A61B 5/00 (2006.01)
(31) 62/764,990 (32) 20.08.18 (33) US
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(43) 05.03.2020
(72) GOVARI, Assaf
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- (71) Biosense Webster (Israel) Ltd.
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(21) 2019219711 (22) 19.08.2019
(54) Remote biometric monitoring and communication system
(51) Int. Cl.
G06K 9/00 (2006.01)
(31) 62/764,990 (32) 20.08.18 (33) US
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(72) Assaf Govari; Amit Fuchs; Andres Claudio Altmann
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- (71) Boehringer Ingelheim Vetmedica GmbH
(11) AU-A-2020201168
(21) 2020201168 (22) 18.02.2020
(54) Treatment of metabolic disorders in canine animals
(51) Int. Cl.
A61K 31/7034 (2006.01)
A61K 9/02 (2006.01)
A61K 9/08 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61K 31/00 (2006.01)
A61K 38/28 (2006.01)
A61K 45/06 (2006.01)
A61P 3/06 (2006.01)
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(72) Kley, Saskia; Reiche, Dania Birte
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A61F 2/26 (2006.01)
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(72) DiLORETO, Mark Edward; JAGGER, Karl Alan; SKOOG, Thomas; BERKENES, Robert; PETERSON, Alex Alden
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(51) Int. Cl.
E04B 1/94 (2006.01)
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A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
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A61K 31/18 (2006.01)
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A61P 1/18 (2006.01)
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C07D 231/14 (2006.01)
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 A61K 31/5365 (2006.01)
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A61K 38/00 (2006.01)
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A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
C07K 7/08 (2006.01)
C07K 16/18 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/0784 (2010.01)
C12N 5/0786 (2010.01)
C12N 5/10 (2006.01)
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 (21) 2020201006 (22) 12.02.2020
 (54) TECHNIQUES FOR TRANSMITTING AND RECEIVING SYNCHRONIZATION SIGNALS OVER AN UNLICENSED RADIO FREQUENCY SPECTRUM BAND
 (51) Int. Cl.
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 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated
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 (54) FLEXIBLE MULTIPLEXING AND FEEDBACK FOR VARIABLE TRANSMISSION TIME INTERVALS
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 (74) Madderns Pty Ltd

(71) Rail Power Systems GmbH
 (11) AU-A-2019213319
 (21) 2019213319 (22) 06.08.2019
 (54) Voltage Limiting Device
 (51) Int. Cl.
H02H 1/00 (2006.01)
B60M 1/04 (2006.01)
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(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2020200892
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 (11) AU-A-2020201191
 (21) 2020201191 (22) 19.02.2020
 (54) Methods for inhibiting atherosclerosis by administering an inhibitor of PCSK9
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A61K 39/00 (2006.01)
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C12P 7/18 (2006.01)
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(71) Robert Bosch GmbH
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B60T 7/20 (2006.01)
B60T 8/172 (2006.01)
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 (21) 2020201086

(71) SANDVIK MINING AND CONSTRUCTION OY
 (11) AU-A-2019204374
 (21) 2019204374 (22) 21.06.2019
 (54) Device for noise damping and rock drilling rig
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E21B 7/02 (2006.01)
B25D 17/11 (2006.01)

(31) EP18189797.6 (32) 20.08.18 (33) EP
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 (74) Griffith Hack

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 (21) 2020201191

(71) Schlage Lock Company LLC
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 (21) 2020201194 (22) 19.02.2020
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 (51) Int. Cl.
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 (74) Phillips Ormonde Fitzpatrick

Seattle Genetics, Inc. see Agensys, Inc.
 (21) 2020201153

(71) Sebela VLC Limited
 (11) AU-A-2020201120
 (21) 2020201120 (22) 17.02.2020
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(71) Shire Human Genetic Therapies, Inc.
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 (21) 2020201079 (22) 14.02.2020
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C12N 9/16 (2006.01)
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(71) Smith & Nephew, Inc.; University of Massachusetts
 (11) AU-A-2020201058
 (21) 2020201058 (22) 13.02.2020
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(74) Griffith Hack
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- (71)** SoClean, Inc.
(11) AU-A-2020200931
(21) 2020200931 **(22)** 10.02.2020
(54) Systems, methods and devices for ozone sanitization of continuous positive airway pressure devices
(51) Int. Cl.
A61L 2/14 (2006.01)
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(72) Leyva, Timothy
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(11) AU-A-2020201118
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(54) Methods and systems for managing dialogs of a robot
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B25J 11/00 (2006.01)
G10L 15/22 (2006.01)
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(54) End effectors, surgical stapling devices, and methods of using same
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A61B 17/72 (2006.01)
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(54) Order management and processing using a distributed commerce platform
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(11) AU-A-2020201092
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(54) TISSUE RETRACTION AND VERTEBRAL DISPLACEMENT DEVICES, SYSTEMS, AND METHODS FOR POSTERIOR SPINAL FUSION
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A61F 2/46 (2006.01)
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- (71)** Terumo Kabushiki Kaisha
(11) AU-A-2020201033
(21) 2020201033 **(22)** 13.02.2020
(54) SYRINGE BARREL FOR PRE-FILLED SYRINGE, SYRINGE SYSTEM, AND PRE-FILLED SYRINGE
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A61M 5/31 (2006.01)
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(21) 2019210607 **(22)** 01.08.2019
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(51) Int. Cl.
G06Q 50/04 (2012.01)
G05B 1/01 (2006.01)
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(54) Automated supervision and inspection of assembly process
(51) Int. Cl.
G05B 1/01 (2006.01)
(31) 62/718,786 **(32)** 14.08.18 **(33)** US
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H04W 76/10 (2018.01)
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H04W 12/02 (2009.01)
(31) 16/105,686 **(32)** 20.08.18 **(33)** US
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(54) DETECTION OF GENETIC OR MOLECULAR ABERRATIONS ASSOCIATED WITH CANCER
(51) Int. Cl.
C12Q 1/6886 (2018.01)
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G16B 20/10 (2019.01)
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(51) Int. Cl.
A61K 38/17 (2006.01)
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(74) FB Rice Pty Ltd
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(21) 2020201190 **(22)** 19.02.2020
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(51) Int. Cl.
C12N 15/861 (2006.01)
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
C12N 9/10 (2006.01)
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- (71)** The United States of America, as represented by the Secretary, Department of Health and Human Services
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(21) 2020201140 **(22)** 18.02.2020
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F02M 41/02 (2006.01)
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(71) The Werc Shop, LLC
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 (54) IMPROVED TERPENE-BASED COMPOSITIONS, PROCESSES, METHODOLOGIES FOR CREATION AND PRODUCTS THEREBY

(51) Int. Cl.
A61K 31/045 (2006.01)
A23L 27/20 (2016.01)
A61K 31/05 (2006.01)
A61P 11/00 (2006.01)
 (43) 05.03.2020
 (62) 2018201704
 (72) ELZINGA, Sytze; RABER, Jeffrey C.
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

University of Kansas see ConocoPhillips Company
 (21) 2020201160

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 (21) 2020201058

(71) Vipac Engineers & Scientists Ltd
 (11) AU-A-2019208213
 (21) 2019208213 (22) 25.07.2019
 (54) A wire rope safety barrier tension monitoring system
 (51) Int. Cl.
E01F 15/06 (2006.01)
E01F 9/30 (2016.01)
G08G 1/00 (2006.01)
G08G 1/16 (2006.01)
 (31) 2018902938 (32) 13.08.18 (33) AU
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 (72) Powell, Mark
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(71) W. L. Gore & Associates, Inc.
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 (21) 2020201076 (22) 14.02.2020
 (54) Inflatable balloon and cover
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A61F 2/958 (2013.01)
A61M 25/10 (2006.01)
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 (21) 2019204684 (22) 01.07.2019
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H02S 20/23 (2014.01)
H02S 30/10 (2014.01)
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 (72) WANG, Chen Lu; WANG, Chao Kai
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Waymo LLC
 (11) AU-A-2020201093
 (21) 2020201093 (22) 14.02.2020
 (54) Limitation of noise on light detectors using an aperture

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G01J 1/44 (2006.01)
G01S 7/481 (2006.01)
 (43) 05.03.2020
 (62) 2017343976
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 (74) Spruson & Ferguson

(71) Waymo LLC
 (11) AU-A-2020201154
 (21) 2020201154 (22) 18.02.2020
 (54) A light detection and ranging (LIDAR) device having multiple receivers

(51) Int. Cl.
G01S 7/481 (2006.01)
G01S 17/93 (2006.01)
G05D 1/02 (2006.01)
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 (72) DROZ, Pierre-Yves; ONAL, Caner; McCANN, William; FIDRIC, Bernard; GUTNIK, Vadim; MATTOS, Laila; PARDHAN, Rahim
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(71) X Development LLC
 (11) AU-A-2020201122
 (21) 2020201122 (22) 17.02.2020
 (54) Collaborative inventory monitoring

(51) Int. Cl.
G05D 1/02 (2006.01)
G06Q 50/28 (2012.01)
G06T 1/00 (2006.01)
 (43) 05.03.2020
 (62) 2017301537
 (72) HANCE, Christopher; SHAFFER, Daniel
 (74) Spruson & Ferguson

(71) X Development LLC
 (11) AU-A-2020201162
 (21) 2020201162 (22) 18.02.2020
 (54) Identification information for warehouse navigation
 (51) Int. Cl.
G05D 1/02 (2006.01)

G06T 7/11 (2017.01)
 (43) 05.03.2020
 (62) 2017330339
 (72) HANCE, Christopher; SHAFFER, Daniel
 (74) Spruson & Ferguson

(71) Yuan Mei Corp.
 (11) AU-A-2020201103
 (21) 2020201103 (22) 16.02.2020
 (54) Gardening fluid connection device
 (51) Int. Cl.
F16L 37/12 (2006.01)
 (43) 05.03.2020
 (62) 2018201861
 (72) LO, Shun-Nan
 (74) A.P.T. Patent and Trade Mark Attorneys

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| 2018217212 | McDonald, C. | 2020201042 | Purdue Research Foundation |
| 2018217272 | Plithos Renewables Pty Ltd | 2020201044 | MasterCard International Incorporated |
| 2018217333 | Canon Kabushiki Kaisha | 2020201046 | Kelly Slater Wave Company, LLC |
| 2018217336 | Canon Kabushiki Kaisha | 2020201047 | 3M Innovative Properties Company |
| 2018219974 | Paxarms N.Z. Limited; Austin, C.; Austin, T.A. | 2020201048 | Memorial Sloan-Kettering Cancer Center |
| 2018220060 | Hatch Ltd. | 2020201049 | Stripe, Inc. |
| 2018241158 | Hyslop, J. | 2020201051 | Amgen Inc. |
| 2018386355 | Kunshan Zhenggong Mould Co., Ltd. | 2020201055 | Magenta Medical Ltd. |
| 2018425105 | China University of Mining and Technology | 2020201056 | Google LLC |
| 2018430608 | Nippon Steel Corporation | 2020201057 | Novartis AG |
| 2019201871 | Robert Bosch GmbH | 2020201058 | Smith & Nephew, Inc.; University of Massachusetts |
| 2019203161 | MP Hydro Pty Limited | 2020201059 | Hope Medical Enterprise, Inc. d.b.a. Hope Pharmaceuticals |
| 2019203196 | COMMHEALTH SYSTEMS PTY LIMITED | 2020201064 | Dali Systems Co. Ltd. |
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| 2019204374 | SANDVIK MINING AND CONSTRUCTION OY | 2020201069 | BEIGENE, LTD. |
| 2019204485 | CUP&CINO Kaffeestem-Vertrieb GmbH & Co. KG | 2020201070 | GENENTECH, INC. |
| 2019204684 | WANG, C.; WANG, C. | 2020201074 | NeRRe Therapeutics Limited |
| 2019204986 | CUP&CINO Kaffeestem-Vertrieb GmbH & Co. KG | 2020201076 | W. L. Gore & Associates, Inc. |
| 2019205971 | Deere & Company | 2020201077 | Nobel Biocare Services AG |
| 2019205987 | Biosense Webster (Israel) Ltd. | 2020201078 | The Regents of the University of California |
| 2019208213 | Vipac Engineers & Scientists Ltd | 2020201079 | Shire Human Genetic Therapies, Inc. |
| 2019208226 | Caterpillar Global Mining Europe GmbH | 2020201080 | Angel Playing Cards Co., Ltd. |
| 2019210607 | The Boeing Company | 2020201081 | THE CHINESE UNIVERSITY OF HONG KONG |
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| 2019213297 | Biosense Webster (Israel) Ltd. | 2020201086 | Deutsches Krebsforschungszentrum; Ruprecht-Karls-Universität Heidelberg |
| 2019213319 | Rail Power Systems GmbH | 2020201090 | FRESENIUS KABI DEUTSCHLAND GMBH |
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| 2019216619 | Primary Sales Australia Pty Ltd | 2020201106 | Gemalto SA |
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| 2019216645 | Invention Holdings Pty Ltd | 2020201108 | Foundation Medicine, Inc. |
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| 2020201190 | The Trustees of the University of Pennsylvania |
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| 2020201194 | Schlage Lock Company LLC |
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| 2020201199 | Battelle Memorial Institute |
| 2020201201 | MASTERCARD ASIA/PACIFIC PTE. LTD. |
| 2020201203 | Janssen Sciences Ireland UC |
| 2020201204 | MILWAUKEE ELECTRIC TOOL CORPORATION |
| 2020201205 | Ceddy Pty Ltd |
| 2020201207 | Google LLC |
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G06F 9/50 (2006.01)
G06F 12/06 (2006.01)
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A23L 2/60 (2006.01)
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 C12Q 1/68 (2018.01)
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 A61K 31/44 (2006.01)
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A43B 21/26 (2006.01)
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C10L 10/16 (2006.01)
C10M 145/14 (2006.01)
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C09D 11/02 (2014.01)
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A61K 31/5415 (2006.01)
A61K 31/5513 (2006.01)
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C07D 519/00 (2006.01)
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A61P 25/34 (2006.01)
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C02F 1/467 (2006.01)
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C07D 413/04 (2006.01)
A01N 43/80 (2006.01)
A61P 33/00 (2006.01)
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A61B 5/00 (2006.01)
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A61K 31/194 (2006.01)
A61K 31/235 (2006.01)
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A61P 31/04 (2006.01)
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B65G 15/32 (2006.01)
C08K 3/04 (2006.01)
C08K 3/06 (2006.01)
C08L 7/00 (2006.01)
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G06Q 10/00 (2012.01)
B60S 5/00 (2006.01)
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C07D 235/06 (2006.01)
C07C 233/41 (2006.01)
C07D 207/273 (2006.01)
C07D 487/04 (2006.01)
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A61M 25/00 (2006.01)
A61F 5/44 (2006.01)
B65D 69/00 (2006.01)
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A61K 36/61 (2006.01)
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A01N 37/18 (2006.01)
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A01P 7/04 (2006.01)
A01N 37/34 (2006.01)
A01N 37/48 (2006.01)
A01N 41/10 (2006.01)
A01N 43/836 (2006.01)
C07C 255/50 (2006.01)
C07D 271/06 (2006.01)
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C01B 21/26 (2006.01)
B01D 53/86 (2006.01)
B01D 53/94 (2006.01)
B01J 29/76 (2006.01)
B01J 35/00 (2006.01)
C01B 21/02 (2006.01)
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C07C 69/88 (2006.01)
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C07D 491/147 (2006.01)
A61K 49/00 (2006.01)
G01N 21/64 (2006.01)
G01N 33/483 (2006.01)
G01N 33/50 (2006.01)
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B01L 3/00 (2006.01)
G01N 30/26 (2006.01)
G01N 33/00 (2006.01)
G01N 33/06 (2006.01)
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A61K 39/39 (2006.01)
A61K 39/00 (2006.01)
A61K 39/12 (2006.01)
A61K 39/25 (2006.01)
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H04L 29/08 (2006.01)
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A61K 31/4178 (2006.01)
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A61P 19/00 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/55 (2006.01)
A61P 9/10 (2006.01)
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C12N 1/20 (2006.01)
A01N 63/10 (2020.01)
A23B 4/22 (2006.01)
C12R 1/225 (2006.01)
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G06F 12/02 (2006.01)
G06F 12/0871 (2016.01)
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G06Q 20/40 (2012.01)
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A41D 13/11 (2006.01)
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A61K 8/03 (2006.01)
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A61K 8/365 (2006.01)
A61K 8/368 (2006.01)
A61K 8/44 (2006.01)
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G06F 40/12 (2020.01)
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G16B 20/00 (2019.01)
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C12N 1/04 (2006.01)
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C07D 495/04 (2006.01)
A61K 31/495 (2006.01)
A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
C07D 239/00 (2006.01)
C07D 495/02 (2006.01)
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A01N 65/12 (2009.01)
A23K 10/30 (2016.01)
A61K 31/365 (2006.01)
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A61P 33/00 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
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C12N 5/0775 (2010.01)
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 (51) Int. Cl.

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A61B 5/113 (2006.01)
F24F 11/50 (2018.01)
F24F 11/89 (2018.01)
H01Q 1/42 (2006.01)
G01S 13/58 (2006.01)
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A41D 7/00 (2006.01)
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F42D 3/06 (2006.01)
E21B 47/00 (2012.01)
E21B 47/02 (2006.01)
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G06N 3/02 (2006.01)
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B29C 43/52 (2006.01)
H04R 1/10 (2006.01)
H04R 25/00 (2006.01)
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B63B 25/00 (2006.01)
B63B 27/00 (2006.01)
B63C 11/42 (2006.01)
B63G 8/00 (2006.01)
E02B 17/00 (2006.01)
E21B 33/00 (2006.01)
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B25J 18/00 (2006.01)
E04G 21/22 (2006.01)
G06T 7/246 (2017.01)
G06T 7/292 (2017.01)
G06T 7/55 (2017.01)
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A61K 38/10 (2006.01)
A61K 47/66 (2017.01)
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E01C 19/10 (2006.01)
G01N 11/14 (2006.01)
G01N 27/04 (2006.01)
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G06F 16/9535 (2019.01)
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H04W 12/06 (2009.01)
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A61K 31/4375 (2006.01)
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B42D 15/00 (2006.01)
B65C 3/00 (2006.01)
B65D 23/08 (2006.01)
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C08G 77/26 (2006.01)
C08K 5/544 (2006.01)
C08L 71/00 (2006.01)
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A61B 5/18 (2006.01)
A61B 3/113 (2006.01)
A61B 5/11 (2006.01)
A61B 5/16 (2006.01)
B60W 40/08 (2012.01)
B60W 50/08 (2012.01)
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 (21) 2018323087 (22) 26.08.2018
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G01N 30/00 (2006.01)
B01D 7/02 (2006.01)
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A23K 10/20 (2016.01)
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 (51) Int. Cl.
H05H 6/00 (2006.01)
A61K 51/02 (2006.01)
G21G 1/10 (2006.01)
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A61K 9/00 (2006.01)
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A61M 37/00 (2006.01)
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| 2019296636 | | <u>A43B 13 /-</u> | <u>A61B 16 /-</u> | | 2018331125 |
| | <u>A23K 10 /-</u> | 2018309426 | 2017424181 | <u>A61F 2 /-</u> | 2018333527 |
| <u>A01N 41 /-</u> | 2018314228 | <u>A43B 21 /-</u> | <u>A61B 17 /-</u> | 2018310841 | 2018340266 |
| 2019296636 | 2018327184 | 2018309426 | 2018303494 | 2018316389 | 2018350887 |
| | 2018328142 | | 2018310731 | 2018342222 | 2018352142 |
| <u>A01N 43 /-</u> | 2018333527 | <u>A43B 5 /-</u> | 2018313306 | 2018342223 | 2019291491 |
| 2018317520 | | 2018309426 | 2018316251 | <u>A61F 5 /-</u> | <u>A61K 33 /-</u> |
| 2018318945 | <u>A23K 20 /-</u> | | 2018316833 | 2018303494 | 2018318849 |
| 2018327734 | 2018327184 | <u>A43B 7 /-</u> | 2018321969 | 2018303841 | 2018321929 |
| 2018329158 | | 2018308806 | 2018322961 | 2018328840 | <u>A61K 35 /-</u> |
| 2019296636 | <u>A23K 40 /-</u> | | 2018400664 | | 2017431122 |
| | 2018328142 | <u>A46B 5 /-</u> | <u>A61F 6 /-</u> | <u>A61F 5 /-</u> | 2018303064 |
| <u>A01N 59 /-</u> | | 2018309426 | 2018304383 | 2018323788 | 2018320102 |
| 2018329158 | <u>A23K 50 /-</u> | | 2018324288 | 2018326339 | 2018323788 |
| | 2018328142 | <u>A46B 9 /-</u> | | 2018326705 | 2018326339 |
| <u>A01N 63 /-</u> | | 2018332505 | <u>A61F 9 /-</u> | 2018327184 | 201832705 |
| 2018322800 | <u>A23L 13 /-</u> | 2018332505 | 2018352182 | 2018327184 | 2018333272 |
| | 2018304618 | <u>A46D 1 /-</u> | <u>A61F 6 /-</u> | 2018333272 | <u>A61K 36 /-</u> |
| <u>A01N 65 /-</u> | | 2018332505 | 2018304383 | | 2017429596 |
| 2017429596 | <u>A23L 2 /-</u> | | 2018324288 | <u>A61F 9 /-</u> | 2018312823 |
| 2018333527 | 2018312823 | <u>A46B 9 /-</u> | | 2018327086 | 2018330807 |
| | 2018314249 | 2018332505 | <u>A61B 18 /-</u> | 2018327087 | 2018333527 |
| <u>A01P 1 /-</u> | 2018323788 | 2018316371 | 2018315551 | 2018352182 | <u>A61K 38 /-</u> |
| 2018341463 | 2018330713 | <u>A46D 9 /-</u> | <u>A61B 3 /-</u> | | 2018307222 |
| | | 2018316371 | 2018316010 | <u>A61J 1 /-</u> | 2018308692 |
| <u>A01P 3 /-</u> | <u>A23L 27 /-</u> | | | 2018304008 | 2018310629 |
| 2018317520 | 2017429743 | | | <u>A61K 31 /-</u> | 2018318695 |
| 2018327734 | | | | 2017428907 | 2018320102 |
| | | | | 2017429594 | 2018320865 |
| | | | | 2018297009 | 2018321260 |
| | | | | | 2018321405 |
| | | | | | 2018321825 |
| | | | | | 2018322305 |

PCT applications which have entered the National Phase - IPC Index cont'd

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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2018322679 | 2018326543 | | <u>A61P 27 /-</u> | 2018317401 | <u>B01D 65 /-</u> |
| 2018323043 | | <u>A61M 35 /-</u> | | 2018322452 | |
| 2018326106 | <u>A61K 8 /-</u> | 2018334419 | 2018303069 | 2018330423 | 2018341921 |
| 2018326556 | | | 2018322452 | 2018330633 | |
| 2018327184 | 2018326106 | | 2018376379 | 2018376379 | <u>B01D 7 /-</u> |
| 2018328015 | 2018332816 | <u>A61M 37 /-</u> | | | |
| 2018330172 | 2018334494 | | <u>A61P 29 /-</u> | <u>A61Q 17 /-</u> | 2018323087 |
| 2018330178 | 2018335555 | 2017428907 | | | |
| | 2018341463 | 2018334419 | 2018302026 | 2018333527 | <u>B01D 9 /-</u> |
| <u>A61K 39 /-</u> | 2018421446 | | | | |
| | | <u>A61M 5 /-</u> | <u>A61P 3 /-</u> | <u>A61Q 19 /-</u> | 2018323087 |
| 2018302767 | <u>A61K 9 /-</u> | 2018325299 | 2018302026 | 2018326106 | <u>B01F 15 /-</u> |
| 2018310629 | | 2018330172 | 2018308692 | 2018335555 | |
| 2018316522 | 2017428907 | 2018330178 | 2018311725 | 2018421446 | 2018316229 |
| 2018317120 | 2017429594 | | | | 2018322474 |
| 2018319671 | 2018297009 | | | | |
| 2018320069 | 2018308692 | <u>A61N 1 /-</u> | <u>A61P 31 /-</u> | <u>A62B 18 /-</u> | <u>B01F 9 /-</u> |
| 2018321825 | 2018318849 | 2018302101 | 2018304591 | 2018346998 | 2018322474 |
| 2018322452 | 2018324345 | 2018303841 | 2018305614 | | |
| 2018322475 | 2018330172 | 2018304079 | 2018321578 | <u>A62B 23 /-</u> | <u>B01J 2 /-</u> |
| 2018323043 | 2018330178 | 2018308734 | 2019291491 | | |
| 2018326106 | 2018334419 | 2018334419 | | 2018346998 | 2018331782 |
| 2018326877 | 2018340266 | | <u>A61P 33 /-</u> | | |
| 2018328015 | | <u>A61N 5 /-</u> | | <u>A62B 7 /-</u> | <u>B01J 20 /-</u> |
| 2018334171 | <u>A61L 15 /-</u> | 2018307739 | 2018318945 | 2018346998 | 2018302034 |
| 2018335828 | | | 2018333527 | | |
| 2018336519 | 2018321929 | | | <u>A62B 9 /-</u> | <u>B01J 29 /-</u> |
| 2018341244 | <u>A61L 2 /-</u> | <u>A61P 1 /-</u> | <u>A61P 35 /-</u> | 2018346998 | 2018376764 |
| 2018341959 | | 2018305614 | 2018302026 | | |
| 2018376379 | 2018338117 | 2018327184 | 2018302356 | <u>A63F 13 /-</u> | <u>B01J 35 /-</u> |
| <u>A61K 45 /-</u> | <u>A61L 27 /-</u> | 2018330633 | 2018303064 | | |
| | | 2018330807 | 2018303254 | 2018341829 | 2018376764 |
| 2018308692 | 2018304618 | 2018376379 | 2018311503 | | |
| 2018316536 | 2018321578 | | 2018313910 | <u>A63F 9 /-</u> | <u>B01L 3 /-</u> |
| 2018326877 | | <u>A61P 11 /-</u> | 2018314980 | | |
| 2018334171 | <u>A61L 29 /-</u> | 2018312823 | 2018316536 | 2018306133 | 2018323449 |
| <u>A61K 47 /-</u> | | 2018333272 | 2018317153 | | 2019261360 |
| | 2018321578 | 2018376379 | 2018318695 | <u>B01D 15 /-</u> | |
| 2018297009 | <u>A61L 31 /-</u> | | 2018319671 | | |
| 2018308692 | | <u>A61P 13 /-</u> | 2018320069 | 2018302034 | <u>B05B 1 /-</u> |
| 2018308734 | 2018321578 | | 2018322305 | 2018338117 | 2018323065 |
| 2018311503 | | | 2018322679 | | |
| 2018313940 | <u>A61L 9 /-</u> | 2018317401 | 2018331125 | <u>B01D 24 /-</u> | <u>B05D 1 /-</u> |
| 2018321260 | | 2018376379 | 2018336519 | | |
| 2018322305 | 2018313244 | <u>A61P 15 /-</u> | 2018342909 | 2018333007 | 2018321035 |
| 2018328015 | | | 2018352142 | <u>B01D 25 /-</u> | <u>B05D 5 /-</u> |
| 2018340266 | <u>A61M 1 /-</u> | 2018322305 | 2018357923 | | |
| 2018341463 | | 2018326556 | | 2017428648 | 2018321035 |
| 2018342909 | 2017430315 | <u>A61P 17 /-</u> | <u>A61P 37 /-</u> | | |
| 2018421446 | 2018327682 | | | <u>B01D 29 /-</u> | <u>B07C 5 /-</u> |
| <u>A61K 48 /-</u> | <u>A61M 16 /-</u> | 2018302026 | 2018310629 | 2017428648 | 2018333817 |
| | | 2018330633 | 2018330633 | | |
| 2018313940 | 2018324046 | 2018352142 | 2018352142 | <u>B01D 33 /-</u> | <u>B08B 7 /-</u> |
| 2018320849 | <u>A61M 21 /-</u> | <u>A61P 19 /-</u> | <u>A61P 43 /-</u> | 2017428648 | 2018303204 |
| 2018324345 | | | | | |
| <u>A61K 49 /-</u> | 2018302101 | 2018302026 | 2018322305 | 2017428648 | 2018303204 |
| | | 2018309566 | 2018322679 | <u>B01D 35 /-</u> | <u>B09B 3 /-</u> |
| 2018320601 | <u>A61M 25 /-</u> | 2018314980 | 2018323043 | | |
| <u>A61K 50 /-</u> | | <u>A61P 25 /-</u> | 2018328142 | 2018333007 | 2018305655 |
| | 2018328840 | | 2018376379 | | |
| 2018308734 | 2018336568 | 2018302026 | <u>A61P 5 /-</u> | <u>B01D 46 /-</u> | <u>B21C 37 /-</u> |
| | 2019261907 | 2018317372 | | 2018302176 | 2018318045 |
| <u>A61K 51 /-</u> | <u>A61M 27 /-</u> | 2018320849 | 2018308692 | 2018335572 | |
| | | 2018326339 | 2018330633 | | |
| 2018310769 | 2018320515 | 2018329430 | <u>A61P 9 /-</u> | <u>B01D 53 /-</u> | <u>B21D 5 /-</u> |
| <u>A61K 6 /-</u> | <u>A61M 31 /-</u> | 2018330423 | | 2018302176 | 2018318045 |
| | | 2018376379 | 2018302026 | 2018376764 | |
| 2018322801 | 2018334419 | | 2018303069 | | |
| | | | 2018308734 | | |

PCT applications which have entered the National Phase - IPC Index cont'd

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|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| <u>B21D 51 /-</u> | <u>B25J 9 /-</u> | <u>B41M 3 /-</u> | <u>B61D 27 /-</u> | <u>B65D 41 /-</u> | <u>C04B 12 /-</u> |
| 2018318045 | 2017424181 | 2018335214 | 2018321766 | 2018329155 | 2018318087 |
| <u>B21D 53 /-</u> | 2018306475 | <u>B42D 15 /-</u> | <u>B61L 5 /-</u> | <u>B65D 5 /-</u> | <u>C04B 14 /-</u> |
| 2018318045 | 2018317936 | 2018304201 | 2018337923 | 2018321542 | 2018322143 |
| <u>B21H 3 /-</u> | 2018317937 | <u>B42D 25 /-</u> | <u>B62J 11 /-</u> | <u>B65D 51 /-</u> | <u>C04B 16 /-</u> |
| 2018316519 | 2018334392 | 2018322924 | 2018319352 | 2018312186 | 2018322143 |
| <u>B23B 5 /-</u> | 2018334393 | 2018335214 | <u>B62J 6 /-</u> | <u>B65D 59 /-</u> | <u>C04B 18 /-</u> |
| 2018337351 | 2018424184 | 2018338768 | 2018319352 | 2018319055 | 2017436546 |
| <u>B23C 3 /-</u> | <u>B28B 1 /-</u> | <u>B60C 19 /-</u> | <u>B62K 19 /-</u> | <u>B65D 65 /-</u> | <u>C04B 22 /-</u> |
| 2018300549 | 2018314850 | 2018330560 | 2018319352 | 2018345211 | 2017436546 |
| <u>B23K 26 /-</u> | <u>B28C 5 /-</u> | <u>B60C 7 /-</u> | <u>B62K 3 /-</u> | <u>B65D 69 /-</u> | <u>C04B 24 /-</u> |
| 2018316371 | 2018314850 | 2017431581 | 2018319352 | 2018328840 | 2017436546 |
| <u>B23P 6 /-</u> | 2018316229 | <u>B60K 1 /-</u> | <u>B62M 6 /-</u> | <u>B65G 15 /-</u> | 2017436918 |
| 2018300549 | <u>B28C 7 /-</u> | 2018327518 | 2018319352 | 2018327183 | <u>C04B 26 /-</u> |
| <u>B23Q 17 /-</u> | <u>B29B 9 /-</u> | <u>B60K 15 /-</u> | <u>B62M 9 /-</u> | <u>B65G 54 /-</u> | 2018322143 |
| 2018300549 | 2018331782 | 2018311348 | 2018299208 | 2018331269 | <u>C04B 28 /-</u> |
| <u>B23Q 9 /-</u> | <u>B29C 33 /-</u> | <u>B60K 17 /-</u> | 2018299210 | <u>B65H 20 /-</u> | 2017436546 |
| 2018300549 | 2018321556 | 2018327518 | <u>B63B 25 /-</u> | 2017429845 | 2017436918 |
| <u>B25B 11 /-</u> | <u>B29C 43 /-</u> | <u>B60K 6 /-</u> | 2018303476 | <u>B66B 5 /-</u> | <u>C04B 40 /-</u> |
| 2018337819 | 2018321556 | 2018327518 | <u>B63B 27 /-</u> | 2018303320 | 2017436546 |
| <u>B25B 5 /-</u> | <u>B29C 63 /-</u> | <u>B60L 50 /-</u> | 2018303476 | <u>B66B 9 /-</u> | <u>C05C 9 /-</u> |
| 2018337819 | 2018303468 | 2018332954 | <u>B63C 11 /-</u> | 2018317641 | 2018313067 |
| <u>B25F 1 /-</u> | <u>B29C 64 /-</u> | <u>B60N 3 /-</u> | 2018303476 | 2018319105 | <u>C05F 3 /-</u> |
| 2018321843 | 2018314850 | 2018309544 | <u>B63G 8 /-</u> | <u>C01B 21 /-</u> | 2018305655 |
| <u>B25G 1 /-</u> | <u>B29C 65 /-</u> | <u>B60R 16 /-</u> | 2018303476 | <u>C01B 32 /-</u> | <u>C05F 7 /-</u> |
| 2018321843 | 2018316649 | 2018303353 | <u>B64C 13 /-</u> | 2018376764 | 2018305655 |
| <u>B25J 11 /-</u> | 2018337819 | <u>B60S 5 /-</u> | 2018307808 | 2018307573 | <u>C05F 9 /-</u> |
| 2017424181 | <u>B29L 23 /-</u> | 2018330560 | <u>B64C 39 /-</u> | <u>C02F 1 /-</u> | 2018305655 |
| <u>B25J 13 /-</u> | 2018337819 | <u>B60W 40 /-</u> | 2018303294 | 2018313244 | <u>C05G 3 /-</u> |
| 2018317941 | <u>B32B 15 /-</u> | 2018316010 | <u>B65C 3 /-</u> | 2018321042 | 2018313067 |
| <u>B25J 15 /-</u> | 2018320963 | <u>B60W 50 /-</u> | 2018304201 | <u>C02F 11 /-</u> | <u>C07C 11 /-</u> |
| 2018317936 | <u>B32B 27 /-</u> | 2018316010 | <u>B65D 23 /-</u> | 2018305655 | 2018333572 |
| <u>B25J 18 /-</u> | 2018320963 | <u>B61B 12 /-</u> | 2018304201 | <u>C02F 5 /-</u> | <u>C07C 229 /-</u> |
| 2018317936 | 2018345211 | 2018351941 | <u>B65D 25 /-</u> | 2018310569 | 2018317520 |
| <u>B25J 19 /-</u> | <u>B32B 29 /-</u> | <u>B61C 17 /-</u> | 2018304201 | <u>C04B 103 /-</u> | <u>C07C 233 /-</u> |
| 2017424181 | 2018345211 | 2018321766 | <u>B65D 33 /-</u> | 2017436546 | 2018304290 |
| <u>B25J 5 /-</u> | <u>B32B 7 /-</u> | 2018321766 | 2018312186 | 2017436918 | <u>C07C 237 /-</u> |
| 2018317937 | <u>B33Y 30 /-</u> | 2018321766 | 2018321542 | <u>C04B 111 /-</u> | 2018321548 |
| | 2018314850 | | | 2017436546 | 2019296636 |
| | | | | 2017436918 | |

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| <u>C07C 255 /-</u> | <u>C07D 317 /-</u> | <u>C07H 21 /-</u> | <u>C08F 20 /-</u> | <u>C08L 9 /-</u> | 2018324019 |
| 2019296636 | 2018311725 | 2018313149 | 2018327996 | | 2018324040 |
| <u>C07C 275 /-</u> | <u>C07D 327 /-</u> | <u>C07J 63 /-</u> | <u>C08F 36 /-</u> | 2018324288 | 2018324345 |
| 2018321548 | 2018311725 | 2018350887 | 2018324288 | 2018327183 | 2019232209 |
| <u>C07C 323 /-</u> | <u>C07D 401 /-</u> | <u>C07K 1 /-</u> | <u>C08G 18 /-</u> | <u>C09D 11 /-</u> | <u>C12N 5 /-</u> |
| 2018323043 | 2018302026 | 2018310629 | 2018307573 | 2018335214 | 2017431122 |
| <u>C07C 37 /-</u> | 2018303069 | 2018318695 | <u>C08G 77 /-</u> | <u>C09D 133 /-</u> | 2018304618 |
| 2018317939 | 2018305614 | 2018323043 | 2018335207 | 2018322143 | 2018304802 |
| <u>C07C 5 /-</u> | <u>C07D 403 /-</u> | <u>C07K 14 /-</u> | <u>C08J 3 /-</u> | <u>C09D 163 /-</u> | 2018333272 |
| 2018333572 | 2018302026 | 2018308692 | 2018307573 | | 2018376379 |
| | 2018314980 | 2018313940 | <u>C09D 171 /-</u> | <u>C12N 7 /-</u> | |
| <u>C07C 51 /-</u> | <u>C07D 405 /-</u> | 2018320865 | 2018324288 | | 2018303064 |
| 2018317935 | 2018305614 | 2018321359 | <u>C08J 5 /-</u> | 2018335207 | 2018321405 |
| 2018317939 | <u>C07D 413 /-</u> | 2018341244 | <u>C09D 183 /-</u> | <u>C12N 9 /-</u> | |
| <u>C07C 69 /-</u> | 2018318945 | <u>C07K 16 /-</u> | 2018345211 | 2018314249 | |
| 2018321548 | 2018330633 | 2017428934 | <u>C08K 3 /-</u> | 2018318695 | |
| <u>C07C 7 /-</u> | <u>C07D 471 /-</u> | 2018302356 | 2018327183 | 2018320865 | |
| 2018333572 | 2018302026 | 2018303254 | <u>C08K 5 /-</u> | <u>C09J 171 /-</u> | 2018321405 |
| <u>C07D 207 /-</u> | 2018303069 | 2018306463 | 2017431602 | 2018330172 | 2018330178 |
| 2018304290 | 2018314980 | 2018310859 | 2018335207 | 2019232209 | |
| <u>C07D 209 /-</u> | <u>C07D 487 /-</u> | 2018310860 | <u>C09J 183 /-</u> | <u>C12P 13 /-</u> | |
| 2018321548 | 2018303069 | 2018311503 | 2018335207 | 2019232209 | |
| 2018331125 | 2018304290 | 2018316522 | <u>C08K 9 /-</u> | <u>C12P 19 /-</u> | |
| <u>C07D 223 /-</u> | 2018317153 | 2018317372 | 2018307573 | 2018309664 | |
| 2018335073 | 2018317520 | 2018320257 | <u>C08L 19 /-</u> | <u>C12Q 1 /-</u> | |
| <u>C07D 233 /-</u> | <u>C07D 491 /-</u> | 2018321825 | 2018324288 | 2018301704 | |
| 2018335214 | 2018314980 | 2018322452 | <u>C08L 23 /-</u> | 2018303577 | |
| <u>C07D 235 /-</u> | 2018320601 | 2018322475 | 2018350843 | 2018308944 | |
| 2018304290 | <u>C07D 493 /-</u> | 2018326877 | <u>C08L 29 /-</u> | 2018314766 | |
| <u>C07D 239 /-</u> | 2018318945 | 2018327587 | 2018332189 | 2018316218 | |
| 2018325451 | <u>C07D 495 /-</u> | 2018334171 | <u>C08L 3 /-</u> | 2018317875 | |
| <u>C07D 271 /-</u> | 2018325451 | 2018335828 | 2017431602 | 2018317902 | |
| 2019296636 | <u>C07D 498 /-</u> | 2018336519 | <u>C08L 67 /-</u> | 2018318559 | |
| <u>C07D 277 /-</u> | 2018331456 | 2018341244 | 2017431602 | 2018318756 | |
| 2018311725 | <u>C07D 519 /-</u> | 2018341959 | <u>C10L 1 /-</u> | 2018324040 | |
| <u>C07D 307 /-</u> | 2018330423 | 2018345637 | 2018321370 | 2018329925 | |
| 2018311725 | <u>C07H 15 /-</u> | 2018357923 | <u>C10L 10 /-</u> | 2019261360 | |
| <u>C07D 311 /-</u> | 2018350887 | 2018376379 | 2018327996 | <u>C12R 1 /-</u> | |
| 2018317935 | <u>C07H 19 /-</u> | <u>C07K 19 /-</u> | <u>C10M 145 /-</u> | 2018330355 | |
| 2018317939 | 2018313910 | 2018320865 | 2018327996 | 2018333555 | |
| | | 2018322305 | <u>C12C 1 /-</u> | 2018330355 | |
| | | 2018323043 | <u>C12N 1 /-</u> | 2018330355 | |
| | | 2018323043 | 2018330355 | 2018330355 | |
| | | 2018342909 | 2018330355 | 2018330355 | |
| | | <u>C07K 5 /-</u> | 2018330355 | 2018330355 | |
| | | <u>C07K 7 /-</u> | 2018330355 | 2018330355 | |
| | | 2018313940 | 2018330355 | 2018330355 | |
| | | 2018322305 | 2018330355 | 2018330355 | |
| | | 2018323043 | 2018330355 | 2018330355 | |
| | | 2018342909 | 2018330355 | 2018330355 | |
| | | <u>C08B 37 /-</u> | 2018330355 | 2018330355 | |
| | | 2018329430 | 2018330355 | 2018330355 | |
| | | <u>C08F 2 /-</u> | 2018330355 | 2018330355 | |
| | | 2018327996 | 2018330355 | 2018330355 | |
| | | <u>C08L 89 /-</u> | 2018330355 | 2018330355 | |
| | | 2018308734 | 2018330355 | 2018330355 | |

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|--------------------------|--|--|--|--------------------------|--|
| <u>C22B 5/-</u> | <u>E02D 5/-</u> | <u>E21B 34/-</u> | <u>F03D 80/-</u> | <u>F17C 13/-</u> | <u>G01B 7/-</u> |
| 2017424119 | 2018425105 | 2017436084 2018316648 | 2018328628 | 2018341976 | 2018303344 |
| <u>C23C 18/-</u> | <u>E02F 3/-</u> | <u>E21B 37/-</u> | <u>F04B 53/-</u> | <u>F21V 8/-</u> | <u>G01B 9/-</u> |
| 2018326235 | 2018329397 | 2018351422 2018401713 | 2018318801 | 2018303204 | 2018317941 |
| <u>C23C 2/-</u> | <u>E02F 5/-</u> | <u>E21B 41/-</u> | <u>F15B 13/-</u> | <u>F24F 11/-</u> | <u>G01C 21/-</u> |
| 2018316519 | 2018329397 | 2018303476 2018351898 | 2018318209 | 2018311770 2018352399 | 2018313085 2018314148 |
| <u>C25B 1/-</u> | <u>E02F 9/-</u> | <u>E21B 43/-</u> | <u>F15B 20/-</u> | <u>F24F 5/-</u> | <u>G01D 11/-</u> |
| 2018321042 | 2018318700 | 2017436084 2018303476 2018351422 2018401713 | 2018318209 | 2018323065 | 2018336995 |
| <u>C25B 15/-</u> | <u>E04C 3/-</u> | <u>E21B 47/-</u> | <u>F16B 13/-</u> | <u>F24F 6/-</u> | <u>G01D 4/-</u> |
| 2018321042 | 2018316519 | 2018313298 | 2018356242 | 2018323065 | 2018330439 |
| <u>C25B 9/-</u> | <u>E04F 13/-</u> | <u>E21B 49/-</u> | <u>F16B 33/-</u> | <u>F24H 1/-</u> | <u>G01H 9/-</u> |
| 2018321042 | 2018343781 | 2018313298 | 2018316519 | 2018303334 | 2018303340 2018308894 |
| <u>C40B 30/-</u> | <u>E04G 21/-</u> | <u>E21D 11/-</u> | <u>F16F 1/-</u> | <u>F24S 23/-</u> | <u>G01L 1/-</u> |
| 2017428934 | 2018317936 2018319183 | 2018326373 | 2018319371 | 2018333807 | 2018303344 |
| <u>C40B 40/-</u> | <u>E04H 12/-</u> | <u>E21D 20/-</u> | <u>F16G 11/-</u> | <u>F24S 25/-</u> | <u>G01M 17/-</u> |
| 2017428737 2017428934 | 2018309443 | 2018326373 | 2018319183 | 2018333807 | 2018330560 |
| <u>C40B 50/-</u> | <u>E04H 17/-</u> | <u>E21F 7/-</u> | <u>F16H 19/-</u> | <u>F24S 30/-</u> | <u>G01M 9/-</u> |
| 2017428737 2017428934 | 2018302515 | 2018326373 | 2018329195 | 2018333807 | 2018329183 |
| <u>D21H 17/-</u> | <u>E05B 65/-</u> | <u>E21F 7/-</u> | <u>F16H 55/-</u> | <u>F25B 49/-</u> | <u>G01N 1/-</u> |
| 2018326340 | 2018319010 | 2018421568 | 2018299208 2018299210 | 2018309544 | 2018317654 2018329543 |
| <u>D21H 19/-</u> | <u>E06B 7/-</u> | <u>F01D 5/-</u> | <u>F16H 63/-</u> | <u>F25C 1/-</u> | <u>G01N 11/-</u> |
| 2018345211 | 2018319010 | 2018300549 | 2018299208 | 2018318045 | 2018316229 |
| <u>D21H 21/-</u> | <u>E21B 17/-</u> | <u>F01P 11/-</u> | <u>F16H 7/-</u> | <u>F25D 23/-</u> | <u>G01N 21/-</u> |
| 2018326340 | 2018351898 | 2018321766 | 2018329195 | 2018309544 | 2018317894 2018320601 2018325274 2018335517 |
| <u>D21H 27/-</u> | <u>E21B 19/-</u> | <u>F01P 5/-</u> | <u>F16H 9/-</u> | <u>F25D 29/-</u> | <u>G01N 23/-</u> |
| 2018345211 | 2018311062 | 2018321766 | 2018299208 2018299210 2018329195 | 2018309544 | 2018315828 |
| <u>E01C 19/-</u> | <u>E21B 21/-</u> | <u>F02D 19/-</u> | <u>F16K 1/-</u> | 2017424119 | <u>G01N 27/-</u> |
| 2018316229 | 2018351422 | 2018317200 | 2018316648 | <u>F27D 11/-</u> | 2018300549 2018310569 2018316229 2018319173 2018326175 2019261360 |
| <u>E01F 13/-</u> | <u>E21B 23/-</u> | <u>F02M 37/-</u> | 2018316648 | 2017424119 | <u>G01N 29/-</u> |
| 2018302515 2018302533 | 2018311062 | 2018311348 | <u>F16K 11/-</u> | <u>F28D 7/-</u> | 2019261360 |
| <u>E02B 15/-</u> | <u>E21B 29/-</u> | <u>F02N 11/-</u> | 2018338117 | 2018318045 | <u>G01N 30/-</u> |
| 2018306661 | 2018316648 | 2018336995 | <u>F16L 47/-</u> | <u>F28F 3/-</u> | 2018321370 |
| <u>E02B 17/-</u> | <u>E21B 33/-</u> | <u>F03B 15/-</u> | 2018337819 | 2018344272 | |
| 2018303476 | 2017436090 2018303476 2018308919 2018311062 2018319431 2018351422 2018421568 | 2018343760 | <u>F16L 55/-</u> | <u>F42D 3/-</u> | |
| <u>E02D 31/-</u> | | <u>F03D 1/-</u> | 2018319055 | 2018313298 | |
| 2018303344 | | 2018328628 | <u>F16L 57/-</u> | <u>G01B 11/-</u> | |
| | | | 2018319055 | 2018317941 | |

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| | | | | | |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 2018323087 | | | 2018326807 | <u>G16H 50/-</u> | <u>H02S 10/-</u> |
| 2018323449 | <u>G02C 7/-</u> | <u>G06N 3/-</u> | | | |
| 2018338117 | | | <u>G07D 7/-</u> | 2018318756 | 2017428308 |
| <u>G01N 33/-</u> | 2018321816 | 2018313298 | 2018335214 | <u>G21G 1/-</u> | <u>H04B 7/-</u> |
| | <u>G03F 7/-</u> | <u>G06N 5/-</u> | | | |
| 2017431122 | | | <u>G07F 17/-</u> | 2018310769 | 2018317591 |
| 2018308944 | 2017429631 | 2018297166 | 2018341829 | <u>H01L 21/-</u> | <u>H04L 1/-</u> |
| 2018310569 | | | | | |
| 2018316229 | <u>G05B 19/-</u> | <u>G06N 7/-</u> | <u>G08B 21/-</u> | 2017429631 | 2018315105 |
| 2018316551 | 2018300549 | 2018304109 | 2018304176 | <u>H01L 31/-</u> | 2018328948 |
| 2018317902 | 2018303353 | | | | |
| 2018319173 | 2018317937 | <u>G06N 99/-</u> | <u>G08C 17/-</u> | 2017428308 | <u>H04L 12/-</u> |
| 2018320601 | 2018334392 | | | | |
| 2018322452 | 2018334393 | 2017429630 | 2018329837 | <u>H01L 39/-</u> | 2018303353 |
| 2018323449 | | 2018304109 | | | 2018307808 |
| 2018324040 | <u>G05D 1/-</u> | 2018308378 | | | |
| 2018326175 | | | <u>G08G 1/-</u> | 2017429630 | <u>H04L 29/-</u> |
| 2018335517 | 2018307808 | <u>G06Q 10/-</u> | | 2017429631 | |
| 2018336519 | 2018316162 | | 2018314148 | | 2018304187 |
| 2018348296 | | 2017431149 | 2018337923 | <u>H01M 10/-</u> | 2018316619 |
| 2019261360 | <u>G05G 1/-</u> | 2018313085 | | | 2018325923 |
| <u>G01R 33/-</u> | 2018336995 | 2018316162 | <u>G09B 5/-</u> | 2018326235 | 2018333068 |
| | | 2018318694 | | | |
| 2018326834 | <u>G06F 12/-</u> | 2018322033 | 2018316619 | <u>H01M 4/-</u> | <u>H04M 1/-</u> |
| | | 2018330560 | | | |
| <u>G01S 13/-</u> | 2018306114 | 2018350900 | <u>G09F 3/-</u> | 2018326235 | 2018329837 |
| | 2018350897 | | | | 2018339943 |
| 2018311770 | 2018350900 | <u>G06Q 20/-</u> | 2018304201 | <u>H01M 8/-</u> | <u>H04N 19/-</u> |
| | | | | | |
| <u>G01S 17/-</u> | <u>G06F 16/-</u> | 2018306317 | <u>G10L 15/-</u> | 2018307740 | <u>H04N 19/-</u> |
| | | 2018321384 | | 2018350796 | 2018311237 |
| 2018317941 | 2018304108 | 2018322377 | 2018312989 | <u>H01P 11/-</u> | <u>H04N 21/-</u> |
| | 2018354105 | 2018333068 | | | |
| <u>G01S 7/-</u> | | <u>G06Q 30/-</u> | <u>G10L 19/-</u> | 2017429630 | 2018312989 |
| | <u>G06F 17/-</u> | | | 2018319556 | <u>H04N 5/-</u> |
| 2018311770 | | 2018297166 | 2018315436 | <u>H01Q 1/-</u> | |
| | 2018302104 | 2018303801 | 2018329187 | | <u>H04N 5/-</u> |
| <u>G01T 1/-</u> | 2018304109 | 2018308378 | <u>G16B 20/-</u> | 2018311770 | 2017424181 |
| | | 2018313085 | | | |
| 2018329661 | <u>G06F 3/-</u> | 2018313085 | 2018301704 | <u>H01R 13/-</u> | <u>H04Q 9/-</u> |
| | | 2018328186 | 2018304108 | | |
| <u>G01T 7/-</u> | 2018312989 | 2018330439 | 2018304109 | 2018317476 | 2018330439 |
| | 2018324085 | | | | |
| 2018329661 | 2018326807 | <u>G06Q 50/-</u> | <u>G16B 30/-</u> | 2018317476 | <u>H04R 1/-</u> |
| | 2018329478 | | | | |
| <u>G01V 1/-</u> | 2018329837 | 2017431149 | 2018301704 | <u>H01R 31/-</u> | 2018321556 |
| | | 2018304109 | 2018304108 | | |
| 2018308894 | <u>G06F 40/-</u> | 2018304176 | 2018304109 | 2018332954 | <u>H04R 25/-</u> |
| | | 2018308378 | | | |
| <u>G01V 5/-</u> | 2018322049 | 2018313085 | <u>G16B 40/-</u> | <u>H02J 1/-</u> | 2018321556 |
| | | 2018314148 | | | |
| 2019299864 | <u>G06F 8/-</u> | 2018321384 | 2018304108 | <u>H02J 3/-</u> | <u>H04R 3/-</u> |
| | | 2018322033 | | | |
| <u>G01V 8/-</u> | 2018322049 | 2018328186 | <u>G16B 45/-</u> | 2018307944 | 2018329478 |
| | | 2018330439 | | | |
| 2018303340 | <u>G06F 9/-</u> | <u>G06T 15/-</u> | 2018301704 | <u>H02J 7/-</u> | <u>H04W 12/-</u> |
| | | | | | |
| <u>G02B 1/-</u> | 2018304108 | 2018303842 | <u>G16B 50/-</u> | 2018336995 | 2018333068 |
| | 2018350897 | | | | |
| 2018303204 | 2018350900 | <u>G06T 19/-</u> | 2018304108 | <u>H02K 1/-</u> | <u>H04W 4/-</u> |
| | | | 2018304109 | | |
| <u>G02B 27/-</u> | <u>G06K 17/-</u> | 2018303842 | <u>G16C 10/-</u> | 2017431234 | 2018304176 |
| | | 2018324085 | | | 2018313085 |
| 2018324085 | 2018303801 | | 2018307739 | <u>H02M 1/-</u> | 2018314148 |
| 2018326807 | | <u>G06T 3/-</u> | | | 2018341772 |
| | <u>G06K 19/-</u> | | <u>G16H 20/-</u> | 2019204890 | <u>H04W 72/-</u> |
| <u>G02B 30/-</u> | 2018303801 | 2018326807 | | | |
| | | | 2018318756 | <u>H02P 9/-</u> | 2018308491 |
| 2018303842 | <u>G06K 9/-</u> | <u>G06T 7/-</u> | 2018325299 | | 2018315105 |
| | | | | 2018343760 | 2018317591 |
| <u>G02B 6/-</u> | 2017424181 | 2018317936 | | | 2018328948 |
| 2018308894 | | 2018324085 | | | |

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2018390050
2019207084

H04W 74 /-

2018346746
2018390050

H05B 45 /-

2018317644

H05H 6 /-

2018310769

H05K 1 /-

2018327682

H05K 5 /-

2018317476
2018339943

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A61P 9/10 (2006.01)
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A61K 31/7048 (2006.01)
A61K 47/10 (2006.01)
A61K 47/26 (2006.01)
A61K 47/32 (2006.01)
A61K 47/34 (2006.01)
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A61P 29/00 (2006.01)
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A01C 7/20 (2006.01)
B60D 1/145 (2006.01)
B60D 1/24 (2006.01)
B60T 8/18 (2006.01)

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A61M 37/00 (2006.01)
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A61M 99/00 (2012.01)
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C22F 1/047 (2006.01)
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C22C 21/08 (2006.01)
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| 2014308600 | Reata Pharmaceuticals, Inc. | 2015265596 | Teracloud SA |
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| 2014312184 | Amgen Inc. | 2015279192 | Paul Hettich GmbH & Co. KG |
| 2014317889 | Academia Sinica | 2015284719 | MJN U.S. Holdings LLC |
| 2014322632 | Megasoft Limited; Chow Tai Fook Jewellery Company Limited | 2015286218 | Dale & Meyers Operations Pty Ltd; The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry |
| 2014332236 | Ocuject, LLC | 2015287926 | ExploraMed NC7, Inc. |
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| 2014333954 | Ascendis Pharma A/S | 2015291805 | BS Co., Ltd. |
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| 2014339884 | Biomadison, Inc. | 2015295845 | Merck Patent GmbH |
| 2014343506 | Hypo-Stream Limited | 2015301071 | University of Miami |
| 2014343808 | Centre National de la Recherche Scientifique; Invectys | 2015301894 | Cytec Industries Inc. |
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| 2014345193 | Activus Pharma Co., Ltd. | 2015303883 | USG Interiors, LLC. |
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| 2014359422 | F. Hoffmann-La Roche AG | 2015308156 | 4iiii Innovations Inc. |
| 2014363694 | Defymed | 2015308350 | Tes Pharma S.r.l. |
| 2014368594 | Janssen Vaccines & Prevention B.V. | 2015311905 | Pharmacyclics LLC |
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| 2014405326 | APDS Originals B.V. | 2015315099 | KCI Licensing, Inc. |
| 2014410305 | Razer (Asia-Pacific) Pte. Ltd. | 2015315113 | Lumithera, Inc. |
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| 2015200152 | PGS Geophysical AS | 2015316286 | Norsk Hydro ASA |
| 2015202342 | The Mayo Group International Pty Ltd | 2015316666 | Teknologian Tutkimuskeskus VTT Oy |
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| 2015214447 | Optimedica Corporation | 2015333572 | Licella Pty Ltd.; Canfor Pulp Ltd |
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| | | 2015335613 | ConMed Corporation |
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| | | 2015341465 | Cgtecnic S.r.l. |
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| 2015346278 | Globus Medical, Inc. | 2016378560 | Ab Initio Technology LLC |
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| 2015360235 | Munchkin, Inc. | 2017206266 | R&V Developments Pty Ltd |
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| 2015364579 | Lubrizol Advanced Materials, Inc. | 2017218115 | Microvention, Inc. |
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| 2015408050 | Halliburton Energy Services, Inc. | 2017240035 | The Procter & Gamble Company |
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| 2016201021 | The Boeing Company | 2017245728 | Inventio AG |
| 2016201868 | Depuy Ireland Unlimited Company | 2017248168 | Conmed Corporation |
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| 2016206518 | University of Washington | 2017252117 | Nite Ize, Inc. |
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| 2016217955 | Chiesi Farmaceutici S.p.A. | 2017253938 | Qualcomm Incorporated |
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| 2016224903 | Agrinos AS | 2017268107 | 560 Holdings, LLC |
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| 2016245380 | BAE Systems plc | 2017280045 | YETI Coolers, LLC |
| 2016248892 | Crown Packaging Technology, Inc. | 2017282871 | Novartis AG |
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| 2016264034 | NeRRe Therapeutics Limited | 2017286499 | Nicoventures Holdings Limited |
| 2016264411 | Sharp Kabushiki Kaisha | 2017286760 | MEDACTA INTERNATIONAL SA |
| 2016264714 | Equinor Energy AS | 2017290061 | Wing Aviation LLC |
| 2016265037 | Lifting Point Pre-Form Pty Limited | 2017300786 | Proteus Digital Health, Inc. |
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| 2016334122 | Fluke Corporation | 2017329931 | GRST International Limited |
| 2016334149 | Telefonaktiebolaget LM Ericsson (publ) | 2017332867 | Novartis AG |
| 2016335574 | Children's National Medical Center | 2017336819 | Daikin Industries, Ltd. |
| 2016335680 | Elementis Specialties, Inc. | 2017337372 | Daikin Industries, Ltd. |
| 20163448953 | Qingdao Haier Joint Stock Co., Ltd | 2017337964 | LG Electronics Inc. |
| 2016359508 | Alibaba Group Holding Limited | 2017340730 | NEC Corporation |
| 2016361701 | Denso Corporation | | |

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|-------------------|--|-------------------|---|
| 2017342054 | Tyco Fire & Security GmbH | 2018217323 | Carbon Black, Inc. |
| 2017344125 | Ping An Technology (Shenzhen) Co., Ltd. | 2018220045 | Exelixis, Inc. |
| 2017350513 | Novelis Inc. | 2018220103 | Symbol Technologies, LLC |
| 2017350515 | Novelis Inc. | 2018222909 | LG ELECTRONICS INC. |
| 2017357124 | Sakura Finetek U.S.A., Inc. | 2018223043 | Samsung Electronics Co., Ltd. |
| 2017359463 | Specialty Fitness Systems, LLC | 2018229081 | OPTISCAN PTY LTD |
| 2017359677 | Elekta Limited | 2018229558 | Shire ViroPharma Incorporated |
| 2017374059 | Traeger Pellet Grills, LLC | 2018230405 | Flexicon Corporation |
| 2017376144 | Becton, Dickinson And Company | 2018232045 | Jiangsu SMTP Technology Co., Ltd. |
| 2017382466 | Colgate-Palmolive Company | 2018232920 | Digital Artefacts LLC |
| 2017384130 | Shell Internationale Research Maatschappij B.V. | 2018233882 | The Yokohama Rubber Co., Ltd. |
| 2017385661 | Industry-Academic Cooperation Foundation, Yonsei University; Cosmax NBT, Inc.; Cosmax NS, Inc. | 2018236816 | Showven Technologies Co., Ltd. |
| 2017386097 | Google LLC | 2018241172 | Intercept Pharmaceuticals, Inc. |
| 2017387935 | Hill's Pet Nutrition, Inc. | 2018241196 | Nevro Corporation |
| 2017387938 | Hill's Pet Nutrition, Inc. | 2018243796 | W.L. Gore & Associates, Inc. |
| 2017391885 | CRRC Dalian Co.,Ltd. | 2018246126 | Boston Scientific Scimed, Inc. |
| 2017396799 | Illumina, Inc. | 2018253075 | Memjet Technology Limited |
| 2017414697 | Bow River LLC | 2018256511 | The ESAB Group Inc. |
| 2017418814 | Nikken Lease Kogyo Co., Ltd. | 2018256551 | Intelligent Synthetic Biology Center |
| 2017430127 | Synergia Medical | 2018256561 | Ohr Pharmaceutical, Inc. |
| 2018200034 | CommScope Technologies LLC | 2018257256 | LG Electronics Inc. |
| 2018200249 | Microbix Biosystems Inc. | 2018260815 | Amgen Research (Munich) GmbH |
| 2018200290 | Simon Fraser University | 2018264124 | Vactronix Scientific, LLC |
| 2018200503 | Magenta Therapeutics, Inc. | 2018266949 | Vadakekuttu, T.; Sawant, A. |
| 2018200579 | METHVEN LIMITED | 2018267669 | Beth Israel Deaconess Medical Center, Inc.; Janssen Vaccines & Prevention B.V. |
| 2018200980 | Hoya Lens Thailand Ltd | 2018267671 | ResMed Pty Ltd |
| 2018201084 | Weir Minerals Australia Ltd | 2018267675 | Implantica Patent Ltd |
| 2018201120 | Novartis AG | 2018270685 | LegoChem Biosciences, Inc. |
| 2018201228 | Square, Inc. | 2018270778 | Massachusetts Institute of Technology |
| 2018201341 | View, Inc. | 2018271258 | Crowd Productions Pty Ltd |
| 2018201401 | Rhodia Operations | 2018271269 | OH DAE METAL Co., Ltd. |
| 2018201541 | Telefonaktiebolaget LM Ericsson (publ) | 2018271356 | Qualcomm Incorporated |
| 2018201601 | Snap-on Incorporated | 2018271379 | G2GBIO, INC. |
| 2018201635 | ESCO Group LLC | 2018271394 | Fuji Xerox Co., Ltd. |
| 2018201663 | AbbVie Inc. | 2018271406 | MedicalTree Patent Ltd |
| 2018201714 | ESCO Group LLC | 2018271420 | Bayer Healthcare LLC |
| 2018201888 | MILWAUKEE ELECTRIC TOOL CORPORATION | 2018276061 | The Princeton Group Inc - C40917 |
| 2018201889 | INCYTE HOLDINGS CORPORATION | 2018281095 | Daikin Industries, Ltd. |
| 2018201891 | Fisher & Paykel Healthcare Limited | 2018282297 | Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd. |
| 2018202086 | Schmidt, A.; Rueter, C. | 2018282299 | BLY IP Inc. |
| 2018202365 | Pure Storage, Inc. | 2018282395 | Bourgault Industries Ltd |
| 2018202466 | ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft | 2018285917 | Berlin, M. |
| 2018202775 | Liu, S. | 2018286978 | Fritsjurgens Holding B.V. |
| 2018202776 | Snap-on Incorporated | 2018289881 | China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd |
| 2018202796 | Apple Inc. | 2018312422 | Tyre Tuft Pty Ltd |
| 2018203053 | Cephea Valve Technologies, Inc. | 2018313170 | eBIO Nutritional Sciences LLC |
| 2018203163 | Monsanto Technology LLC | 2018326284 | English, D. |
| 2018203270 | Fiskars Finland Oy Ab | 2018343817 | Chowa Kogyo Co., Ltd.; Nippon Steel Corporation |
| 2018203471 | Amgen Inc. | 2018353939 | China University of Mining and Technology |
| 2018203603 | NZ Tube Mills Limited | 2019200221 | HYDRO INTERNATIONAL PLC |
| 2018203609 | Samsung Electronics Co., Ltd. | 2019200754 | Daon Holdings Limited |
| 2018203646 | Carl Zeiss Vision International GmbH | 2019201080 | Qualcomm Incorporated |
| 2018203899 | INCYTE HOLDINGS CORPORATION | 2019201323 | Hill-Rom Services, Inc. |
| 2018203993 | Profusa, Inc. | 2019201374 | Apple Inc. |
| 2018203995 | Allergan, Inc. | 2019201406 | Accenture Global Solutions Limited |
| 2018204015 | Elanco Tiergesundheit AG | 2019201737 | ArQule, Inc. |
| 2018204147 | EVANS, S.M.; SIMPSON, S. | 2019202230 | Zoetis Services LLC |
| 2018204257 | The United States of America, as represented by the Secretary, Department of Health and Human Services | 2019203452 | Washington University |
| 2018204597 | Janssen Sciences Ireland UC | 2019205997 | Xyleco, Inc. |
| 2018204680 | Nevro Corporation | 2019219748 | Heraeus Medical GmbH |
| 2018204850 | Baylor College of Medicine | 2019232950 | Lyft, Inc. |
| 2018205144 | TOWHAUL CORPORATION | 2019236658 | Colgate-Palmolive Company |
| 2018206784 | Ricon Corp. | 2019246897 | Monsanto Technology LLC |
| 2018206789 | Ricon Corp. | 2019264521 | Scinomix, Inc. |
| 2018213427 | NeuSpera Medical Inc. | 2019268102 | Carlsberg A/S |
| 2018213928 | The Procter & Gamble Company | 2019271958 | RedHill Biopharma Ltd. |
| 2018214139 | Allergan, Inc. | 2020200881 | Apple Inc. |
| 2018217197 | Yamaguchi University | 2020200924 | Third Pole, Inc. |
| 2018217207 | Breville Pty Limited | | |
| 2018217236 | Gilead Sciences, Inc. | | |

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| <u>A01B 59 /-</u> | <u>A01P 3 /-</u> | <u>A23L 7 /-</u> | <u>A47J 42 /-</u> | <u>A61B 9 /-</u> | 2014354643 |
| 2018282395 | 2016218108 | 2015352278 | 2015341465 | 2015245888 | 2014359422 |
| <u>A01C 1 /-</u> | <u>A23B 9 /-</u> | <u>A24F 47 /-</u> | <u>A47J 43 /-</u> | <u>A61C 7 /-</u> | 2015202575 |
| 2018201401 | 2018213928 | 2017286499 | 2018217207 | 2016308387 | 2015206629 |
| <u>A01C 7 /-</u> | <u>A23C 20 /-</u> | <u>A45C 11 /-</u> | <u>A47L 15 /-</u> | <u>A61F 13 /-</u> | 2015212613 |
| 2018282395 | 2016281722 | 2017252117 | 2015239925 | 2015255726 | 2015306261 |
| <u>A01G 17 /-</u> | <u>A23F 3 /-</u> | <u>A45C 13 /-</u> | 2017307902 | 2015315113 | 2015308350 |
| 2018203603 | 2014310655 | 2017252117 | <u>A47L 9 /-</u> | 2015370816 | 2015311905 |
| <u>A01H 5 /-</u> | 2016227395 | <u>A45F 5 /-</u> | 2017279571 | <u>A61F 2 /-</u> | 2015314007 |
| 2019246897 | <u>A23F 5 /-</u> | 2017252117 | <u>A61B 1 /-</u> | 2015203755 | 2015345054 |
| <u>A01K 43 /-</u> | 2016227395 | <u>A46B 9 /-</u> | 2018229081 | 2016370367 | 2015353077 |
| 2019202230 | <u>A23G 1 /-</u> | 2017275497 | <u>A61B 17 /-</u> | 2017286760 | 2016217955 |
| <u>A01K 63 /-</u> | 2018276061 | <u>A46D 1 /-</u> | 2015255726 | 2018203053 | 2016229101 |
| 2017418814 | <u>A23G 9 /-</u> | 2017275497 | 2015256024 | 2018246126 | 2016257338 |
| <u>A01M 1 /-</u> | 2015346101 | <u>A47B 53 /-</u> | 2015267061 | 2018264124 | 2016264034 |
| 2018213928 | <u>A23J 3 /-</u> | 2017268107 | 2015346278 | 2018267675 | 2016292863 |
| <u>A01M 17 /-</u> | 2017302381 | <u>A47B 77 /-</u> | 2015396219 | 2018271269 | 2017282871 |
| 2018213928 | <u>A23K 10 /-</u> | 2018271258 | 2016201868 | 2018271406 | 2017312102 |
| <u>A01N 25 /-</u> | 2017387935 | <u>A47B 88 /-</u> | 2016238269 | <u>A61F 5 /-</u> | 2017315863 |
| 2015360648 | 2017387938 | 2015279192 | 2017218115 | 2015370816 | 2017323584 |
| 2015378024 | <u>A23K 20 /-</u> | <u>A47B 96 /-</u> | 2017325993 | 2015401724 | 2017332867 |
| 2016218108 | 2014270306 | 2017268107 | 2018232045 | 2018267675 | 2017385661 |
| <u>A01N 35 /-</u> | 2017387935 | <u>A47C 19 /-</u> | 2018271269 | <u>A61F 9 /-</u> | 2017414697 |
| 2018200290 | 2017387938 | 2015259008 | 2019219748 | 2018203899 | 2018201889 |
| <u>A01N 41 /-</u> | <u>A23L 2 /-</u> | <u>A47F 5 /-</u> | <u>A61B 18 /-</u> | 2018203995 | 2018204015 |
| 2018200290 | 2016227395 | 2017268107 | 2015236341 | 2018204597 | 2018214139 |
| <u>A01N 43 /-</u> | 2016306247 | <u>A47G 29 /-</u> | 2015244327 | 2018217197 | 2018220045 |
| 2016218108 | 2018313170 | 2016202461 | 2018213427 | 2018241172 | 2018256561 |
| 2018200290 | <u>A23L 29 /-</u> | <u>A47J 27 /-</u> | <u>A61B 3 /-</u> | 2018270685 | 2018271379 |
| 2018266949 | 2017302381 | 2015352278 | 2015214447 | 2019201737 | 2019271958 |
| <u>A01N 59 /-</u> | 2017302381 | <u>A47G 29 /-</u> | 2015245888 | <u>A61G 11 /-</u> | <u>A61K 33 /-</u> |
| 2015378024 | <u>A23L 3 /-</u> | 2016202461 | 2015248888 | 2015273325 | 2014343506 |
| <u>A01N 63 /-</u> | 2018213928 | <u>A47J 31 /-</u> | 2016335574 | <u>A61G 3 /-</u> | <u>A61K 35 /-</u> |
| 2016224903 | <u>A23L 33 /-</u> | 2015320871 | 2018285917 | 2017224130 | 2014311968 |
| <u>A01P 1 /-</u> | 2017302381 | 2016220230 | <u>A61B 34 /-</u> | 2018206784 | 2014317889 |
| 2015378024 | 2017385661 | <u>A47J 36 /-</u> | 2015214447 | 2018206789 | 2014332856 |
| <u>A01P 19 /-</u> | <u>A23L 5 /-</u> | 2018217207 | 2015249257 | <u>A61G 5 /-</u> | 2015305386 |
| 2018200290 | 2015352278 | 2017374059 | 2015317613 | 2017224130 | 2018200503 |
| | | | 2016335574 | <u>A61G 7 /-</u> | <u>A61K 36 /-</u> |
| | | | 2017269150 | 2019201323 | 2014310655 |
| | | | 2017300786 | <u>A61H 3 /-</u> | 2014344740 |
| | | | 2017430127 | 2015316666 | 2017385661 |
| | | | 2018213427 | <u>A61J 1 /-</u> | <u>A61K 38 /-</u> |
| | | | 2018232920 | 2017376144 | 2014270306 |
| | | | 2019202230 | <u>A61K 31 /-</u> | 2014308751 |
| | | | | 2010311063 | 2014351607 |
| | | | | 2014292926 | 2014352843 |
| | | | | 2014308600 | 2014363694 |
| | | | | 2014317889 | 2015212613 |
| | | | | 2014337073 | 2015219339 |
| | | | | 2014343808 | 2015301071 |
| | | | | 2014344740 | 2015306608 |
| | | | | 2014345193 | 2018202086 |
| | | | | | 2018229558 |

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|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <u>A61K 39/-</u> | <u>A61L 24/-</u> | 2013406223 | 2015353077 | 2017249740 | 2018200579 |
| 2014236086 | 2018256551 | 2014332236 | 2017312102 | <u>B01D 24/-</u> | <u>B05B 17/-</u> |
| 2014312184 | 2019219748 | 2017269150 | 2018204597 | 2016240717 | 2015345130 |
| 2014333563 | | 2017376144 | 2018229558 | | |
| 2014351308 | <u>A61L 27/-</u> | <u>A61M 99/-</u> | 2019201737 | <u>B01D 29/-</u> | <u>B05C 17/-</u> |
| 2014352843 | 2018264124 | 2019219748 | | 2016240717 | 2019219748 |
| 2014363694 | | | <u>A61P 33/-</u> | | |
| 2014368594 | <u>A61L 9/-</u> | <u>A61N 1/-</u> | 2018204015 | <u>B01D 33/-</u> | <u>B05D 1/-</u> |
| 2018200503 | 2015360235 | 2015259008 | | 2016432109 | 2015266911 |
| 2018267669 | | 2017430127 | <u>A61P 35/-</u> | | |
| 2018271420 | <u>A61M 1/-</u> | 2018204680 | 2014308751 | <u>B01D 35/-</u> | <u>B05D 3/-</u> |
| | 2015255726 | 2018213427 | 2014351308 | 2018222909 | 2015288030 |
| <u>A61K 41/-</u> | 2015287926 | 2018241196 | 2014359422 | | |
| 2015271830 | 2015315099 | 2019203452 | 2015206629 | <u>B01D 53/-</u> | <u>B05D 5/-</u> |
| | 2015335613 | | 2015311905 | 2015249696 | 2015292702 |
| <u>A61K 45/-</u> | 2017248168 | <u>A61N 5/-</u> | 2015314007 | 2017235984 | 2016268515 |
| 2014359422 | 2017248169 | 2017359677 | 2015345054 | 2017274288 | |
| 2018217197 | 2017269150 | | 2016229101 | | |
| | 2018271406 | <u>A61P 1/-</u> | 2017282871 | | |
| <u>A61K 47/-</u> | | 2014311968 | 2019201737 | <u>B01F 13/-</u> | <u>B08B 17/-</u> |
| 2014333954 | <u>A61M 11/-</u> | 2018204597 | | 2019219748 | 2015200152 |
| 2014345193 | 2015345130 | 2018241172 | <u>A61P 37/-</u> | | |
| 2015202575 | 2017271493 | 2018256561 | 2017323584 | <u>B01F 15/-</u> | <u>B08B 3/-</u> |
| 2015206629 | 2017286499 | | 2018200503 | 2018217207 | 2015200152 |
| 2018201889 | | <u>A61P 11/-</u> | | 2019219748 | <u>B08B 9/-</u> |
| 2018214139 | <u>A61M 13/-</u> | 2016217955 | <u>A61P 5/-</u> | <u>B01F 3/-</u> | 2015200152 |
| 2018243796 | 2017271493 | | 2016264034 | 2019219748 | |
| 2018271379 | 2018201891 | <u>A61P 15/-</u> | 2018229558 | 2019219748 | <u>B21B 3/-</u> |
| | | 2014337073 | | | 2017350513 |
| <u>A61K 48/-</u> | <u>A61M 15/-</u> | <u>A61P 17/-</u> | <u>A61P 9/-</u> | <u>B01F 7/-</u> | <u>B22D 11/-</u> |
| 2014239309 | 2015345130 | 2010311063 | 2014308600 | 2018217207 | <u>B22F 9/-</u> |
| 2016206518 | 2017271493 | 2014311968 | 2014308751 | <u>B01J 19/-</u> | 2017350513 |
| | 2017286499 | 2014351607 | 2014344740 | 2017384130 | 2017350515 |
| <u>A61K 8/-</u> | <u>A61M 16/-</u> | 2018202086 | | | |
| 2014310655 | 2017271493 | <u>A61P 19/-</u> | <u>A61Q 11/-</u> | <u>B01J 23/-</u> | <u>B23D 21/-</u> |
| 2014378413 | 2017276262 | 2014333953 | 2017240035 | 2015365613 | 2018201888 |
| 2016227395 | 2018201891 | 2017332867 | 2017382466 | <u>B01J 32/-</u> | <u>B23Q 7/-</u> |
| 2017240035 | 2018267671 | | 2019236658 | 2015365613 | 2015205837 |
| 2017382466 | 2020200924 | <u>A61P 25/-</u> | | 2015365613 | 2017253764 |
| 2019236658 | | 2015202575 | <u>A61Q 13/-</u> | <u>B01J 35/-</u> | <u>B24B 1/-</u> |
| | | 2015212613 | 2017240035 | 2015365613 | 2017316484 |
| <u>A61K 9/-</u> | <u>A61M 25/-</u> | 2016292863 | <u>A61Q 19/-</u> | <u>B01J 37/-</u> | <u>B24B 41/-</u> |
| 2014292926 | 2016280443 | 2018271379 | 2014378413 | 2015365613 | 2017316484 |
| 2014337073 | 2017218115 | | <u>A62B 9/-</u> | <u>B01J 39/-</u> | <u>B24B 49/-</u> |
| 2014345193 | | <u>A61P 27/-</u> | 2017276262 | 2019264521 | 2017316484 |
| 2014351607 | <u>A61M 27/-</u> | 2014332856 | <u>A62C 2/-</u> | <u>B01L 9/-</u> | <u>B24B 55/-</u> |
| 2014363694 | 2015255726 | 2018217197 | 2016309986 | 2017307902 | |
| 2014368594 | | <u>A61P 29/-</u> | | | |
| 2014368594 | <u>A61M 3/-</u> | 2014311968 | <u>A62C 31/-</u> | <u>B02C 13/-</u> | |
| 2015202575 | 2015287989 | 2014345193 | 2015266911 | 2015321378 | |
| 2015295845 | 2018201120 | 2019201737 | <u>A63B 21/-</u> | <u>B02C 15/-</u> | |
| 2018201889 | <u>A61M 37/-</u> | <u>A61P 3/-</u> | 2017359463 | <u>B02C 15/-</u> | |
| 2018203899 | 2017269150 | 2018256561 | <u>A63B 69/-</u> | 2017238142 | |
| 2018203995 | 2018201891 | <u>A61P 31/-</u> | 2014305702 | <u>B05B 1/-</u> | |
| 2018214139 | 2019219748 | 2014343506 | <u>A63H 33/-</u> | 2017307902 | |
| 2018220045 | | 2014345193 | | | |
| 2018243796 | <u>A61M 39/-</u> | 2013406223 | | | |
| 2018271379 | 2019219748 | 2014332236 | | | |
| | <u>A61M 5/-</u> | 2017269150 | | | |
| <u>A61L 101/-</u> | | 2017376144 | | | |
| 2018256551 | | 2018204680 | | | |
| | | 2018213427 | | | |
| <u>A61L 15/-</u> | | 2018241196 | | | |
| 2014351607 | | 2019203452 | | | |

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| B25B 13 /- | 2016268515 | B63B 1 /- | 2017268107 | C04B 14 /- | C07C 67 /- |
| 2018202776 | B44C 3 /- | 2017267884 | B65G 17 /- | 2016270744 | 2015306741 |
| B25B 27 /- | 2017249740 | B64C 19 /- | 2016250180 | C04B 20 /- | 2017384130 |
| 2018201601 | B60C 11 /- | 2015200083 | B65G 21 /- | 2016270744 | C07C 69 /- |
| B25C 1 /- | 2017255556 | B64C 39 /- | 2016250180 | 2016270744 | 2015306741 |
| 2017269831 | B60D 1 /- | 2017290061 | B65G 23 /- | 2016270744 | 2017384130 |
| B25J 15 /- | 2018282395 | B64D 45 /- | 2018230405 | C04B 40 /- | C07C 71 /- |
| 2019264521 | B60K 35 /- | 2015200083 | B65G 43 /- | 2016270744 | 2015306741 |
| B25J 18 /- | 2019232950 | B65B 1 /- | 2018230405 | C05C 9 /- | C07D 209 /- |
| 2018270778 | B60N 2 /- | 2015268980 | B65G 53 /- | 2015323953 | 2014354643 |
| B25J 19 /- | 2018206784 | B65B 11 /- | 2015316286 | C05F 1 /- | C07D 213 /- |
| 2018270778 | 2018206789 | 2015268980 | B65G 65 /- | 2016224903 | 2018204015 |
| B25J 9 /- | B60Q 11 /- | 2015268980 | 2015316286 | 2016224903 | 2018217236 |
| 2018270778 | 2014203535 | B65B 31 /- | 2017253764 | C07C 11 /- | C07D 231 /- |
| B26B 13 /- | B60R 25 /- | 2015268980 | B65H 75 /- | 2017384130 | 2015306261 |
| 2016428531 | 2019232950 | B65B 43 /- | 2018203270 | C07C 205 /- | 2017332867 |
| B28C 7 /- | B60T 13 /- | 2015268980 | B66B 31 /- | 2018204015 | 2018204597 |
| 2016270744 | 2018282395 | B65D 25 /- | 2016219925 | C07C 213 /- | C07D 233 /- |
| B29C 33 /- | B60T 7 /- | 2015268980 | B66B 5 /- | 2018217236 | 2015308350 |
| 2015315099 | 2018282395 | B65D 41 /- | 2017245728 | C07C 235 /- | C07D 241 /- |
| B29C 70 /- | B60T 8 /- | 2016248892 | B66F 15 /- | 2018217236 | C07D 257 /- |
| 2015205837 | 2018282395 | B65D 43 /- | 2018201601 | C07C 237 /- | 2015352426 |
| B29C 73 /- | B60W 30 /- | 2015268980 | B66F 9 /- | 2015353077 | C07D 265 /- |
| 2018312422 | 2019232950 | 2017280045 | 2017253764 | 2018217236 | 2016229101 |
| B32B 13 /- | B60W 40 /- | 2018217207 | B67D 1 /- | C07C 269 /- | C07D 295 /- |
| 2016268364 | 2019232950 | B65D 47 /- | 2014405326 | 2018217236 | 2018204597 |
| B32B 5 /- | B60W 50 /- | 2015259105 | B67D 3 /- | C07C 311 /- | C07D 307 /- |
| 2016201021 | 2019232950 | 2017280045 | 2014405326 | 2018204015 | 2015311905 |
| 2016268364 | B61B 13 /- | 2015268980 | 2018222909 | 2018204597 | C07D 309 /- |
| B32B 7 /- | 2018270778 | 2016248892 | B82Y 5 /- | C07C 43 /- | 2018204597 |
| 2016201021 | B61C 17 /- | 2017280045 | 2014292926 | 2015323953 | 2018217236 |
| B41J 2 /- | 2017391885 | B65D 77 /- | C01B 21 /- | 2016335680 | C07D 319 /- |
| 2018253075 | B61H 13 /- | 2016309986 | 2020200924 | C07C 5 /- | 2018217236 |
| B41M 1 /- | 2017269147 | B65D 8 /- | C01B 7 /- | 2017384130 | C07D 333 /- |
| 2015292702 | 2017272016 | 2015284719 | 2016240368 | C07C 51 /- | 2018204597 |
| B43L 19 /- | 2017269147 | B65D 81 /- | C02F 1 /- | 2015306741 | C07D 401 /- |
| 2017249740 | 2017272016 | 2017280045 | 2014203770 | 2016240368 | 2014333954 |
| B44C 1 /- | B61L 25 /- | 2015360235 | 2018222909 | 2017384130 | 2016217955 |
| 2014203535 | B65G 1 /- | 2018222909 | C02F 103 /- | 2015306741 | 2016292863 |
| | | | | 2017384130 | 2017312102 |
| | | | | | C07D 403 /- |
| | | | | | 2015308350 |

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|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| 2016217955 | 2014308751 | <u>C08J 5/-</u> | 2019268102 | |
| <u>C07D 405/-</u> | 2014350104 | | <u>C10B 49/-</u> | <u>C22C 29/-</u> |
| | 2015301071 | 2018233882 | | 2018201084 |
| 2015314007 | 2015306608 | <u>C08J 9/-</u> | 2015333572 | <u>C12N 5/-</u> |
| 2019201737 | 2015366305 | | | 2014236086 |
| <u>C07D 407/-</u> | 2016206518 | 2017249740 | <u>C10B 53/-</u> | <u>C22F 1/-</u> |
| | 2018203471 | | 2015333572 | 2017350513 |
| 2015308350 | 2018229558 | <u>C08K 3/-</u> | 2017240574 | 2017350515 |
| | <u>C07K 16/-</u> | 2018233882 | <u>C10G 1/-</u> | <u>C12N 7/-</u> |
| <u>C07D 409/-</u> | 2014308141 | <u>C08K 5/-</u> | 2015333572 | <u>D03D 15/-</u> |
| | 2014308751 | | 2017240574 | 2015301894 |
| 2015308350 | 2014333563 | 2017249740 | <u>C10G 2/-</u> | <u>D06F 37/-</u> |
| <u>C07D 453/-</u> | 2014363694 | 2018200980 | | 2015239925 |
| | 2015209233 | <u>C08L 1/-</u> | 2015333572 | <u>D06F 39/-</u> |
| 2016217955 | 2017225374 | | <u>C10G 3/-</u> | 2015239925 |
| <u>C07D 471/-</u> | 2017225375 | 2015320328 | | <u>D21C 11/-</u> |
| | 2017225376 | <u>C08L 101/-</u> | 2015333572 | 2015333547 |
| 2015314007 | 2018200503 | | <u>C10L 1/-</u> | <u>D21C 7/-</u> |
| 2016257338 | 2018203471 | 2018200980 | | 2015333547 |
| 2016292863 | 2018204257 | <u>C08L 21/-</u> | 2015333572 | <u>D21C 9/-</u> |
| 2017323584 | 2018260815 | | 2015378024 | 2015333547 |
| 2018270685 | <u>C07K 19/-</u> | <u>C08L 27/-</u> | <u>C10L 5/-</u> | <u>D21C 9/-</u> |
| <u>C07D 487/-</u> | 2014308751 | | | 2015289430 |
| | 2018256551 | 2018233882 | <u>C11D 1/-</u> | 2015333572 |
| 2015345054 | <u>C07K 7/-</u> | <u>C08L 31/-</u> | | 2016361701 |
| 2016292863 | | | 2015333572 | <u>C12Q 1/-</u> |
| 2017282871 | 2014270306 | 2015364579 | <u>C11D 11/-</u> | 2015321378 |
| 2017315863 | <u>C08B 1/-</u> | <u>C08L 33/-</u> | | <u>D21F 1/-</u> |
| 2018201663 | | | 2015333572 | 2015291805 |
| 2018203993 | 2015320328 | <u>C08L 51/-</u> | 2016361701 | <u>D21F 9/-</u> |
| 2019201737 | <u>C08B 15/-</u> | | <u>C11D 3/-</u> | 2015291805 |
| <u>C07D 491/-</u> | | 2019219748 | | <u>D21H 25/-</u> |
| | 2015320328 | <u>C08L 79/-</u> | 2017286168 | 2015288030 |
| 2016292863 | <u>C08F 14/-</u> | | <u>C12C 5/-</u> | <u>E01H 1/-</u> |
| <u>C07D 498/-</u> | | 2018233882 | | 2015371524 |
| | 2015364579 | <u>C09D 11/-</u> | 2014270306 | <u>E02D 5/-</u> |
| 2018217236 | <u>C08F 220/-</u> | | 2017267050 | 2015286218 |
| <u>C07D 519/-</u> | | 2018233882 | <u>C12G 3/-</u> | 2018343817 |
| | 2015339679 | <u>C09D 175/-</u> | | <u>E02D 7/-</u> |
| 2017315863 | <u>C08F 236/-</u> | | 2016306247 | 2018343817 |
| <u>C07F 9/-</u> | | 2018253075 | <u>C12G 3/-</u> | <u>E02F 3/-</u> |
| | 2015339679 | <u>C09D 175/-</u> | | 2018201635 |
| 2015323953 | 2015339679 | 2017311195 | <u>C12N 1/-</u> | 2018201714 |
| <u>C07H 21/-</u> | <u>C08F 8/-</u> | | | <u>E02F 9/-</u> |
| | | <u>C09J 175/-</u> | 2016224903 | 2018201635 |
| 2016206518 | 2014300980 | | 2016361701 | 2018343817 |
| <u>C07J 41/-</u> | 2015364579 | 2017311195 | 2016368075 | <u>E02D 7/-</u> |
| | <u>C08G 18/-</u> | <u>C09J 189/-</u> | <u>C12N 15/-</u> | 2018343817 |
| 2018256561 | | | | <u>E02F 3/-</u> |
| <u>C07J 51/-</u> | 2017311195 | 2018256551 | 2014229994 | 2018201635 |
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| 2014310480 | | | 2018203163 | <u>C22C 21/-</u> |
| <u>C07K 14/-</u> | 2017240574 | 2017240574 | 2018256551 | 2018201635 |
| | | | 2018267669 | 2018201714 |
| | | | 2019246897 | <u>E03F 5/-</u> |
| | | | | 2015341983 |

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| 2018202466 | <u>E21B 23</u> /- | <u>F15B 15</u> /- | | <u>G01B 11</u> /- | |
| 2019200221 | | | <u>F21V 31</u> /- | | <u>G02B 1</u> /- |
| <u>E04B 1</u> /- | 2017325575 | 2018270778 | 2016220264 | 2018220103 | 2018200980 |
| | <u>E21B 33</u> /- | <u>F16B 23</u> /- | | <u>G01B 21</u> /- | |
| 2016265037 | | | <u>F21V 8</u> /- | | <u>G02B 13</u> /- |
| 2016268364 | 2015318725 | 2015356977 | 2017325418 | 2015308156 | 2015256320 |
| 2018204147 | 2016264714 | <u>F16B 39</u> /- | | <u>G01C 15</u> /- | |
| <u>E04B 2</u> /- | <u>E21B 34</u> /- | 2015356977 | <u>F21W 131</u> /- | 2015203031 | <u>G02B 26</u> /- |
| | | | 2016220264 | | 2018229081 |
| 2018204147 | 2016264714 | <u>F16B 41</u> /- | <u>F23D 14</u> /- | <u>G01F 23</u> /- | |
| <u>E04B 7</u> /- | <u>E21B 43</u> /- | 2015356977 | 2018256511 | 2015213850 | <u>G02B 3</u> /- |
| | | | | | 2018229081 |
| 2018204147 | 2015252820 | <u>F16B 7</u> /- | <u>F24C 15</u> /- | <u>G01L 5</u> /- | |
| | 2017325575 | | 2015239925 | | <u>G02B 5</u> /- |
| <u>E04B 9</u> /- | <u>E21B 49</u> /- | 2015356977 | | 2015308156 | |
| | | | | 2019264521 | 2018200980 |
| 2015303883 | 2015252820 | <u>F16H 25</u> /- | <u>F24D 3</u> /- | <u>G01N 1</u> /- | <u>G02B 6</u> /- |
| <u>E04C 2</u> /- | <u>E21C 27</u> /- | 2018230405 | 2015305689 | 2017357124 | 2018200034 |
| | | | | | |
| 2018202466 | 2018202775 | <u>F16H 41</u> /- | <u>F24F 1</u> /- | <u>G01N 11</u> /- | <u>G02C 7</u> /- |
| <u>E04C 5</u> /- | <u>E21C 35</u> /- | 2018205144 | 2017336819 | 2015252820 | 2018203646 |
| | | | 2018281095 | | |
| 2016265037 | 2018289881 | <u>F16H 7</u> /- | <u>F24F 13</u> /- | <u>G01N 15</u> /- | <u>G02F 1</u> /- |
| <u>E04F 11</u> /- | 2018353939 | | | | |
| | | 2018230405 | 2017336819 | 2018200249 | 2016245376 |
| 2017206266 | <u>E21D 15</u> /- | <u>F16K 1</u> /- | | | 2016245380 |
| <u>E04G 17</u> /- | | | | <u>G01N 21</u> /- | 2017325418 |
| | 2017222565 | 2015330867 | <u>F24S 25</u> /- | | |
| | | | 2015230661 | 2015213850 | <u>G03B 37</u> /- |
| 2016265037 | <u>F02B 43</u> /- | <u>F16K 11</u> /- | | 2017357124 | |
| <u>E04G 21</u> /- | | | | 2018203993 | 2015256320 |
| | 2016299746 | 2016240717 | <u>F25B 49</u> /- | 2019202230 | |
| 2016265037 | <u>F02D 19</u> /- | 2016432109 | | | <u>G05D 1</u> /- |
| <u>E04H 12</u> /- | | | 2017337372 | <u>G01N 33</u> /- | |
| | 2016299746 | <u>F16K 17</u> /- | 2018281095 | | 2015200083 |
| | | | | 2014308141 | 2016204478 |
| 2015286218 | <u>F02M 25</u> /- | 2018256511 | <u>F25B 5</u> /- | 2014312026 | 2017344125 |
| <u>E04H 17</u> /- | | | | 2017225374 | |
| | 2016299746 | <u>F16K 3</u> /- | 2015302830 | 2017225375 | <u>G05D 23</u> /- |
| | | | 2017337372 | 2017225376 | |
| 2015356977 | <u>F03B 13</u> /- | 2015330867 | <u>F25B 7</u> /- | 2019202230 | 2015352278 |
| 2017206266 | | | | 2019264521 | 2017240574 |
| 2018203603 | 2018326284 | <u>F16K 31</u> /- | | | |
| | | | 2015302830 | <u>G01P 5</u> /- | <u>G05D 7</u> /- |
| <u>E05B 47</u> /- | <u>F03B 17</u> /- | 2016240717 | | | |
| | | | <u>F25D 25</u> /- | 2015308156 | 2016235278 |
| 2015239925 | 2018326284 | <u>F16K 51</u> /- | | | |
| | | | 2016348953 | <u>G01S 13</u> /- | <u>G06F 1</u> /- |
| <u>E05F 3</u> /- | <u>F03D 80</u> /- | 2015330867 | <u>F25J 1</u> /- | 2015316666 | 2016229829 |
| | | | | | |
| 2018286978 | 2018282297 | <u>F16L 47</u> /- | 2015302830 | <u>G01S 7</u> /- | <u>G06F 11</u> /- |
| <u>E06B 5</u> /- | <u>F04C 23</u> /- | 2015364579 | | | |
| | | | <u>F41H 11</u> /- | 2016245376 | 2015265596 |
| 2018201341 | 2016225795 | <u>F16L 55</u> /- | | 2016245380 | 2016378560 |
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| <u>E21B 1</u> /- | <u>F04C 29</u> /- | 2018270778 | <u>F41H 13</u> /- | <u>G01V 1</u> /- | <u>G06F 12</u> /- |
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| <u>E21B 17</u> /- | <u>F04D 13</u> /- | 2017269831 | <u>F41H 3</u> /- | 2015218939 | 2018217323 |
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| <u>E21B 21</u> /- | <u>F04D 29</u> /- | 2015264344 | | | |
| | | | <u>F42B 4</u> /- | 2015200152 | 2018201228 |
| 2016264714 | 2015268751 | <u>F21V 23</u> /- | | <u>G01V 3</u> /- | 2018271394 |
| | | | 2018236816 | | |
| | | 2016220264 | | 2015200152 | <u>G06F 17</u> /- |

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| 2014277620 2016378560 | <u>G08B 23 /-</u> | <u>H03M 7 /-</u> | <u>H04N 21 /-</u> | 2016229829 |
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| 2018217323 | <u>G08B 29 /-</u> | <u>H04B 1 /-</u> | <u>H04N 5 /-</u> | |
| <u>G06F 3 /-</u> | 2017342054 | 2020200881 | 2015256320 | |
| 2017290061 2018202796 2018203609 2018223043 | <u>G08B 3 /-</u> | <u>H04B 7 /-</u> | <u>H04N 7 /-</u> | |
| <u>G06F 9 /-</u> | 2018202796 | 2016209308 | 2014203535 2015400184 2016204478 | |
| 2016359508 2017321075 | <u>G08B 6 /-</u> | <u>H04L 1 /-</u> | <u>H04R 1 /-</u> | |
| <u>G06K 17 /-</u> | 2018202796 | 2017337964 2018257256 2018271356 | 2014410305 | |
| 2014322632 | <u>G08G 5 /-</u> | <u>H04L 12 /-</u> | <u>H04R 9 /-</u> | |
| <u>G06K 9 /-</u> | 2015200083 | 2016204478 2016334122 2017321075 2018202796 | 2014410305 | |
| 2019200754 | <u>G10L 13 /-</u> | <u>H04L 25 /-</u> | <u>H04W 12 /-</u> | |
| <u>G06N 20 /-</u> | 2017386097 | 2018271356 | 2018217323 | |
| 2019201406 | <u>G10L 15 /-</u> | <u>H04L 27 /-</u> | <u>H04W 16 /-</u> | |
| <u>G06Q 10 /-</u> | 2017386097 | 2017284729 2017337964 | 2017253938 | |
| 2014202853 2017290061 2018201228 2019201406 | <u>G10L 19 /-</u> | <u>H04L 29 /-</u> | <u>H04W 36 /-</u> | |
| <u>G06Q 20 /-</u> | 2017208575 | 2015359182 2016218981 2017321075 2019201374 | 2018201541 | |
| 2017206035 | <u>G16H 30 /-</u> | <u>H04L 5 /-</u> | <u>H04W 4 /-</u> | |
| <u>G06Q 30 /-</u> | 2017359677 | 2017284729 2017337964 2018257256 2018271356 | 2016209308 2019201374 | |
| 2014322632 | <u>H01H 85 /-</u> | <u>H04L 9 /-</u> | <u>H04W 52 /-</u> | |
| <u>G06Q 40 /-</u> | 2015202342 | 2015373174 2016218981 2016228528 2017340730 | 2016317140 | |
| 2018201228 | <u>H01L 21 /-</u> | <u>H04M 1 /-</u> | <u>H04W 56 /-</u> | |
| <u>G06Q 50 /-</u> | 2017204547 2017396799 | 2017252117 2017259647 2018202796 2018223043 | 2017228738 | |
| 2014202853 2017290061 2018201714 | <u>H01M 10 /-</u> | <u>H04M 19 /-</u> | <u>H04W 68 /-</u> | |
| <u>G06Q 99 /-</u> | 2017262678 2017329931 | 2018202796 | 2017253938 | |
| 2018220103 | <u>H01M 2 /-</u> | <u>H04N 13 /-</u> | <u>H04W 72 /-</u> | |
| <u>G06T 7 /-</u> | 2016407566 2017259647 | 2018220103 | 2017284729 2018257256 | |
| 2015250748 2017315684 2018220103 | <u>H01R 13 /-</u> | <u>H04N 19 /-</u> | <u>H04W 74 /-</u> | |
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| | 2015408050 | | | |

Certified Innovation Patents

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

(71) Fuller Family Holdings Pty Ltd
 (11) AU-B-2019100606
 (21) 2019100606 (22) 05.06.2019
 (54) A display support strip
 (51) Int. Cl.
 A47F 5/08 (2006.01)
 (45) 05.03.2020
 (62) 2018204559
 (72) Fuller, Peter Ronald
 (74) Intellepro

(71) Infinity Retractable Screens Pty Ltd
 (11) AU-B-2019100649
 (21) 2019100649 (22) 17.06.2019
 (54) A FRAME ASSEMBLY
 (51) Int. Cl.
 E06B 9/42 (2006.01)
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 (31) 2019900511 (32) 18.02.19 (33) AU
 (45) 05.03.2020
 (72) ROBERTS, Anthony Gerard; RODD,
 Aaron
 (74) IP GATEWAY PATENT & TRADE
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(71) SHOWER MANIFESTATIONS PTY LTD
 (11) AU-B-2019100945
 (21) 2019100945 (22) 22.08.2019
 (54) Shower Information Display System
 (51) Int. Cl.
 A47G 1/17 (2006.01)
 A47K 17/00 (2006.01)
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 G09F 7/12 (2006.01)
 (45) 05.03.2020
 (72) REYNOLDS, Shane
 (74) Wallington-Dummer

(71) The trustee for Rofraus Trust
 (11) AU-B-2016100996
 (21) 2016100996 (22) 04.07.2016
 (54) VUESS (VEHICLE'S ULTIMATE EMER-
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 (51) Int. Cl.
 B60T 1/14 (2006.01)
 (31) 2015902644 (32) 04.07.15 (33) AU
 (45) 05.03.2020
 (72) COCIUBAN, MIRCEA
 (74) Phillips Ormonde Fitzpatrick

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| 2010248022 | 2013363989 | 2014200699 | 2014218621 |
| 2014228343 | 2014229822 | 2014230530 | 2014235464 |
| 2014236747 | 2014243240 | 2014248208 | 2014255617 |
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| 2014338575 | 2014340176 | 2014348371 | 2014349150 |
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| 2014368770 | 2014369782 | 2014373973 | 2014381693 |
| 2014381768 | 2014385317 | 2014401966 | 2014414346 |
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| 2016218641 | 2016219265 | 2016222692 | 2016223409 |
| 2016225324 | 2016226340 | 2016226408 | 2016226411 |
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| 2016233648 | 2016233747 | 2016237099 | 2016258913 |
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| 2016266460 | 2016267286 | 2016280804 | 2016285300 |
| 2016286647 | 2016304596 | 2016309096 | 2016310501 |
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| 2017294218 | 2017298457 | 2017300629 | 2017304471 |
| 2017305440 | 2017305865 | 2017308024 | 2017311495 |
| 2017313619 | 2017321079 | 2017321721 | 2017332322 |
| 2017339755 | 2017349141 | 2017360068 | 2017373672 |

Patents Granted

Standard Patents

| | | | |
|------------|------------|------------|------------|
| 2017382967 | 2017407364 | 2018200052 | 2018200111 |
| 2018200308 | 2018200406 | 2018200737 | 2018200914 |
| 2018201082 | 2018201209 | 2018202056 | 2018202322 |
| 2018202429 | 2018202443 | 2018202492 | 2018202573 |
| 2018202805 | 2018203006 | 2018203096 | 2018203257 |
| 2018203821 | 2018204041 | 2018204099 | 2018204174 |
| 2018204204 | 2018204252 | 2018204380 | 2018204531 |
| 2018204541 | 2018204576 | 2018204877 | 2018219980 |
| 2018220000 | 2018222913 | 2018222994 | 2018223826 |
| 2018225566 | 2018226410 | 2018226411 | 2018227131 |
| 2018229496 | 2018232948 | 2018236882 | 2018241118 |
| 2018241141 | 2018247266 | 2018250349 | 2018250535 |
| 2018256509 | 2018275541 | 2018278960 | 2018282443 |
| 2018282456 | 2018283901 | 2018353938 | 2019200002 |
| 2019200169 | 2019200648 | 2019200874 | 2019201167 |
| 2019246830 | | | |

Innovation Patents

| | | | |
|------------|------------|------------|------------|
| 2015101981 | 2018102156 | 2018102157 | 2018102159 |
| 2018102160 | 2019101678 | 2019101719 | 2020100018 |
| 2020100089 | 2020100103 | 2020100105 | 2020100106 |
| 2020100127 | 2020100129 | 2020100130 | 2020100133 |
| 2020100144 | 2020100150 | 2020100155 | 2020100159 |
| 2020100161 | 2020100163 | 2020100165 | 2020100166 |
| 2020100167 | | | |

Assignments Registered

| | | |
|------------|--|---|
| 2000068911 | APBI Holdings, LLC | The patent has been assigned to Allergan Sales, LLC |
| 2000072374 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2001031338 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2001051891 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2002256209 | Intel Corporation | The patent has been assigned to Apple Inc. |
| 2002311099 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2003224820 | Intel Corporation | The patent has been assigned to Apple Inc. |
| 2003249762 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2004203269 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2004222736 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2004242516 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2004250982 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2005204554 | Intel Corporation | The patent has been assigned to Apple Inc. |
| 2005209591 | Intel Corporation | The patent has been assigned to Apple Inc. |
| 2005250050 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |
| 2006200991 | Gainsborough Hardware Industries Limited | The patent has been assigned to Allegion (Australia) Pty Ltd |

Assignments Registered

2006202474 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2006240057 Intel Corporation The patent has been assigned to **Apple Inc.**

2006303873 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2007200720 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2007202054 Intel Corporation The patent has been assigned to **Apple Inc.**

2007284477 Intel Corporation The patent has been assigned to **Apple Inc.**

2007316065 Dropsy, Philippe; Dropsy, Marie-Claude The patent has been assigned to **P. Van de Velde**

2007317191 Celermajer, David The patent has been assigned to **Corvia Medical, Inc.**

2008200924 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2008202107 Intel Corporation The patent has been assigned to **Apple Inc.**

2008202457 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2008203300 Intel Corporation The patent has been assigned to **Apple Inc.**

2008203504 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2008238603 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2008258144 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2008317473 SARcode Bioscience Inc. The patent has been assigned to **Novartis AG**

2008339611 Lytix Biopharma AS The patent has been assigned to **Peptide Patents AS**

2008361120 Power-One Italy S.P.A. The patent has been assigned to **ABB Schweiz AG**

2009201703 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2009202988 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2009203068 Intel Corporation The patent has been assigned to **Apple Inc.**

2009212876 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2009233658 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2009237663 NLAB Solar AB The patent has been assigned to **Exeger Operations AB**

2009245825 Intel Corporation The patent has been assigned to **Apple Inc.**

2009248435 Olsson, Nathanael; Olsson, Kieran; Olsson, Ashley; Olsson, Ashley; Olsson, Stafford The patent has been assigned to **Clipex IP Limited**

2009250999 Intel Corporation The patent has been assigned to **Apple Inc.**

Assignments Registered

2009268680 Control4 Corporation The patent has been assigned to **Wire-path Home Systems, LLC**

2009270415 Biomod Concepts Inc. The patent has been assigned to **NNTT TECH INC**

2009295285 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2009336506 Power-One Italy S.P.A. The patent has been assigned to **ABB Schweiz AG**

2010234206 Crearene Ltd. The patent has been assigned to **Crearene AG**

2010275752 Crearene Ltd. The patent has been assigned to **Crearene AG**

2010284227 Control4 Corporation The patent has been assigned to **Wire-path Home Systems, LLC**

2010284232 Control4 Corporation The patent has been assigned to **Wire-path Home Systems, LLC**

2010295254 Olsson, Ashley The patent has been assigned to **Clipex IP Limited**

2010317646 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2011257028 Lux Innovate Limited The patent has been assigned to **Omnica Limited**

2011257943 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2011276943 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2011276958 Olsson, Ashley The patent has been assigned to **Clipex IP Limited**

2011279531 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2011372512 Intel Corporation The patent has been assigned to **Apple Inc.**

2011374906 Intel Corporation The patent has been assigned to **Apple Inc.**

2012200312 Intel Corporation The patent has been assigned to **Apple Inc.**

2012201347 Intel Corporation The patent has been assigned to **Apple Inc.**

2012208956 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2012211032 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2012225189 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2012229869 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2012241117 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2012254976 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2012272514 Olsson, Nathanael; Olsson, Stafford; Olsson, Ashley Dean; Olsson, Ashley The patent has been assigned to **Clipex IP Limited**

2012278904 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

Assignments Registered

2012279365 Intel Corporation The patent has been assigned to **Apple Inc.**

2012283731 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2012316021 Intel Corporation The patent has been assigned to **Apple Inc.**

2012333172 Intel Corporation The patent has been assigned to **Apple Inc.**

2012333237 Intel Corporation The patent has been assigned to **Apple Inc.**

2013100248 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2013100577 LOUVRE SYSTEMS AUSTRALIA PTY LTD The patent has been assigned to **DIAMOND LOUVRES AUSTRALIA PTY LTD**

2013200645 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2013200882 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2013201991 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2013202403 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2013203896 Olsson, Ashley; Olsson, Nathanael; Olsson, Stafford; Olsson, Ashley The patent has been assigned to **Clipex IP Limited**

2013212088 Intel Corporation The patent has been assigned to **Apple Inc.**

2013212110 Intel Corporation The patent has been assigned to **Apple Inc.**

2013216690 Olsson, Ashley; Olsson, Nathanael; Olsson, Stafford; Olsson, Ashley The patent has been assigned to **Clipex IP Limited**

2013232287 Intel Corporation The patent has been assigned to **Apple Inc.**

2013232616 Intel Corporation The patent has been assigned to **Apple Inc.**

2013232618 Intel Corporation The patent has been assigned to **Apple Inc.**

2013232628 Intel Corporation The patent has been assigned to **Apple Inc.**

2013245908 Intel Corporation The patent has been assigned to **Apple Inc.**

2013246041 Intel Corporation The patent has been assigned to **Apple Inc.**

2013251441 Intel Corporation The patent has been assigned to **Apple Inc.**

2013259173 Intel Corporation The patent has been assigned to **Apple Inc.**

2013259726 Intel Corporation The patent has been assigned to **Apple Inc.**

2013267841 Intel Corporation The patent has been assigned to **Apple Inc.**

2013270616 Intel Corporation The patent has been assigned to **Apple Inc.**

2013286893 Intel Corporation The patent has been assigned to **Apple Inc.**

2013287185 Intel Corporation The patent has been assigned to **Apple Inc.**

2013288507 Dropsy, Philippe; Dropsy, Marie-Claude The patent has been assigned to **P. Van de Velde**

2013296976 Intel Corporation The patent has been assigned to **Apple Inc.**

2013296977 Intel Corporation The patent has been assigned to **Apple Inc.**

2013296991 Intel Corporation The patent has been assigned to **Apple Inc.**

2013297032 Intel Corporation The patent has been assigned to **Apple Inc.**

Assignments Registered

2013297042 Intel Corporation The patent has been assigned to **Apple Inc.**

2013323321 Intel Corporation The patent has been assigned to **Apple Inc.**

2013323624 Intel Corporation The patent has been assigned to **Apple Inc.**

2013323978 Intel Corporation The patent has been assigned to **Apple Inc.**

2013334019 Intel Corporation The patent has been assigned to **Apple Inc.**

2014100364 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2014200216 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2014202328 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2014227523 Intel Corporation The patent has been assigned to **Apple Inc.**

2014228640 Umea University; ConocoPhillips Company The patent has been assigned to **ConocoPhillips Company**

2014264445 Cancer Vaccine Institute The patent has been assigned to **LDN Pharma Limited**

2014277611 Olsson, Ashley; Olsson, Nathanael; Olsson, Stafford; Olsson, Ashley Dean The patent has been assigned to **Clipex IP Limited**

2014277838 Olsson, Nathanael; Trethewey, Reginald; Olsson, Stafford; Olsson, Ashley; Olsson, Ashley; Olsson, Kieran The patent has been assigned to **Clipex IP Limited; Trethewey, Reginald**

2014355109 Intel Corporation The patent has been assigned to **Apple Inc.**

2015202724 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2015205829 Intel Corporation The patent has been assigned to **Apple Inc.**

2015210779 Intel Corporation The patent has been assigned to **Apple Inc.**

2015229021 Intel Corporation The patent has been assigned to **Apple Inc.**

2015230860 Intel Corporation The patent has been assigned to **Apple Inc.**

2015245923 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2015245925 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2015249093 Intel Corporation The patent has been assigned to **Apple Inc.**

2015261557 Intel Corporation The patent has been assigned to **Apple Inc.**

2015347429 Synvina C.V. The patent has been assigned to **FURANIX TECHNOLOGIES B.V.**

2016101870 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2016200154 Intel Corporation The patent has been assigned to **Apple Inc.**

2016200252 Intel Corporation The patent has been assigned to **Apple Inc.**

2016200331 Intel Corporation The patent has been assigned to **Apple Inc.**

2016200389 Intel Corporation The patent has been assigned to **Apple Inc.**

2016200390 Intel Corporation The patent has been assigned to **Apple Inc.**

2016200440 Intel Corporation The patent has been assigned to **Apple Inc.**

Assignments Registered

2016202678 Intel Corporation The patent has been assigned to **Apple Inc.**

2016203175 Intel Corporation The patent has been assigned to **Apple Inc.**

2016203284 Intel Corporation The patent has been assigned to **Apple Inc.**

2016203351 Intel Corporation The patent has been assigned to **Apple Inc.**

2016203409 Intel Corporation The patent has been assigned to **Apple Inc.**

2016204096 Intel Corporation The patent has been assigned to **Apple Inc.**

2016204187 Gainsborough Hardware Industries Limited The patent has been assigned to **Allegion (Australia) Pty Ltd**

2016204197 Intel Corporation The patent has been assigned to **Apple Inc.**

2016210694 Intel Corporation The patent has been assigned to **Apple Inc.**

2016219696 Intel Corporation The patent has been assigned to **Apple Inc.**

2016259432 Intel Corporation The patent has been assigned to **Apple Inc.**

2016269450 Intel Corporation The patent has been assigned to **Apple Inc.**

2016277717 Intel Corporation The patent has been assigned to **Apple Inc.**

2017200813 Intel Corporation The patent has been assigned to **Apple Inc.**

2017202995 Intel Corporation The patent has been assigned to **Apple Inc.**

2017203569 Intel Corporation The patent has been assigned to **Apple Inc.**

2017203587 EXEGER Sweden AB The patent has been assigned to **Exeger Operations AB**

2017203697 Intel Corporation The patent has been assigned to **Apple Inc.**

2017203829 Intel Corporation The patent has been assigned to **Apple Inc.**

2017203841 Intel Corporation The patent has been assigned to **Apple Inc.**

2017208206 Umea University; ConocoPhillips Company The patent has been assigned to **ConocoPhillips Company**

2017210634 Intel Corporation The patent has been assigned to **Apple Inc.**

2017219013 Intel Corporation The patent has been assigned to **Apple Inc.**

2017261510 Intel Corporation The patent has been assigned to **Apple Inc.**

2017276394 Guangdong University Of Technology The patent has been assigned to **Guangdong Boye Thermal Energy Supply Limited Liability Company**

2017305901 Nisshin Steel Co., Ltd. The patent has been assigned to **Nippon Steel Nisshin Co., Ltd.**

Mortgages Registered - Section 187, Reg. 19

(The name in the parentheses is that of the mortgagee)

2014203772 Sirtex Medical Limited (Bank of China Limited Macau Branch)

2015208666 Sirtex Medical Limited (Bank of China Limited Macau Branch)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2004210161 **Ironwood Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 18 Jun 2019

For the goods CONSTELLA linaclotide

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2004253870 **UCB Pharma S.A.**

The earliest first regulatory approval date provided by the patentee 01 Jul 2019

For the goods EVENITY romosozumab

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2006242431 **UCB Pharma S.A.; Amgen, Inc.**

The earliest first regulatory approval date provided by the patentee 01 Jul 2019

For the goods EVENITY romosozumab

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2009235993 **Ironwood Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 18 Jun 2019

For the goods CONSTELLA linaclotide

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009282446 **Ironwood Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 18 Jun 2019

For the goods CONSTELLA linaclotide

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011250920 **Amgen Inc.**

The earliest first regulatory approval date provided by the patentee 01 Jul 2019

For the goods EVENITY romosozumab

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012285987 **Merck Sharp & Dohme B.V.**

The earliest first regulatory approval date provided by the patentee 21 Nov 2019

For the goods CALQUENCE acalabrutinib

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions granted

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

2011265050 **Eli Lilly and Company**

The earliest first regulatory approval date provided by the patentee 28 May 2019

For the goods **EMGALITY galcanezumab**

Extension of Term of patent pursuant to Section 77 expires on 28 May 2034

Corrigenda

In Vol 33 , No 46 , Page(s) 6489 under the heading **Amendments - Application for Amendments** Please delete all reference to Patent No. 2006200845

In Vol 33 , No 48 , Page(s) 6771 under the heading **Extensions of Time, Section 223 - Amendments Received** Under the name Carboni, Michele, Application No. 2012389957 correct the Extension of Time - New Date to read 28 Mar 2020

In Vol 34 , No 2 , Page(s) 170 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019201825.

In Vol 34 , No 5 , Page(s) 779 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sami Labs Limited., Application No. 2018290219, under INID (54) correct the title to read Process for the preparation of standardized composition of Arjunoglucoside from the bark of Terminalia arjuna

Specifications Republished

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

2013400609 **BeiGene, Ltd.**
 2013400609 **BeiGene, Ltd.**
 2014351069 **Blrt Pty Ltd**
 2017210621 **CiDRA Corporate Services Inc.**
 2017352992 **China Merchants Loscam (Asia Pacific) Co., Limited**
 2018202299 **Genetic Technologies Limited**
 2018339781 **Husqvarna AB**