



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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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.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Vuly Pty Ltd v Wei Yang [2020] APO 13

Patent Applications: 2017216515, 2014268206 and PCT/CN2015/085447

Titles: A type of frame structure for trampolines and the trampolines (2017216515 and 2014268206)
Frame for trampoline and trampoline (PCT/CN2015/085447)

Patent Applicant: Wei Yang

Requestor: Vuly Pty Ltd

Delegate: O L Haggar

Decision Date: 28 February 2020

Hearing Date: 6 November 2019 in Canberra

Catchwords: **PATENTS** – request under section 36 – whether the requestor is an eligible person – change to the requestor – change not prejudicial to the applicant – whether the requestor is impermissibly seeking to revisit the merits of a previous decision by the Commissioner that it is not an eligible person – section 36 request found to introduce evidence not previously made available to the Commissioner – nature of the inventive concept – whether the inventive concept was communicated to the applicant when employed by the requestor – whether the applicant subconsciously benefitted from this information after ceasing employment with the requestor – requestor found to be the sole eligible person – no award of costs – requestor asked to file further information

Representation: Patent attorney for the applicant: Jogias Patent and Trade Mark Attorneys
Counsel for the requestor: Jesmini Ambikapathy
Patent attorney for the requestor: Lachlan Mullane and Nick Salmon of IP Solved (ANZ) Pty Ltd

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 25 Feb 2020 .

| | | |
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| <p>Abraham, C. see Abraham, O. (21) 2020900608</p> | <p>(71) Atone Australia Pty Ltd (21) 2020900584 (22) 28.02.2020 (54) Multimodal sensory augmentation virtual reality apparatus</p> | <p>(71) Betts, P.; Betts, C.; Gillen, P. (21) 2020900596 (22) 28.02.2020 (54) Coaching Aid for improving Technique in Sports using a Ball and Bat</p> |
| <p>(71) Abraham, O.; Abraham, C. (21) 2020900608 (22) 01.03.2020 (54) DUAL BED SYSTEM</p> | <p>(71) Aucentra Therapeutics Pty Ltd (21) 2020900536 (22) 25.02.2020 (54) TREATMENT OF PROLIFERATIVE DISEASES OF THE CNS</p> | <p>(71) Beyond Architectural Pty Ltd (21) 2020900548 (22) 26.02.2020 (54) Hinge</p> |
| <p>(71) Akaal Pharma Pty Ltd (21) 2020900580 (22) 28.02.2020 (54) Methods of Treatment</p> | <p>(71) Auckland UniServices Limited (21) 2020900589 (22) 28.02.2020 (54) MULTIPLEX IMMUNOFLUORESCENCE DETECTION OF TARGET ANTIGENS</p> | <p>(71) BIOMEDTECH AUSTRALIA PTY LTD (21) 2020900549 (22) 26.02.2020 (54) PERSONAL GAS SUPPLY APPARATUS AND METHODS OF USE THEREOF</p> |
| <p>(71) Anaxis Pharma Pty Ltd (21) 2020900562 (22) 27.02.2020 (54) Inhibitors of necroptosis</p> | <p>(71) Bailey, G. (21) 2020900531 (22) 25.02.2020 (54) SYSTEM AND METHOD FOR FACILITATING COMMUNICATION BETWEEN USERS WHILST TRAVELLING</p> | <p>Blatchford, S. see OTM SPORTS FISHING PTY. LIMITED (21) 2020900623</p> |
| <p>(71) Anaxis Pharma Pty Ltd (21) 2020900563 (22) 27.02.2020 (54) Benzimidazoles and uses thereof</p> | <p>(71) Barge's Belting Solutions Pty Ltd (21) 2020900588 (22) 28.02.2020 (54) Conveyor Belt Rip Detection Method & System</p> | <p>(71) Boulton, M. (21) 2020900560 (22) 26.02.2020 (54) BarSoc2 - Shorter cap, installed prior to dispatch, stays on bar end after pour, permits impalement protection caps to be installed where required.</p> |
| <p>(71) Anderson, D. (21) 2020900566 (22) 27.02.2020 (54) Internal thermal jacketing for heat transfer reduction for an internal combustion engine chamber</p> | <p>(71) BATTERY PV PTY LTD (21) 2020900554 (22) 26.02.2020 (54) Solar Hot Water System</p> | <p>(71) Breville Pty Limited (21) 2020900579 (22) 28.02.2020 (54) Juicer</p> |
| <p>(71) Arnol, T. (21) 2020900540 (22) 25.02.2020 (54) Scoobie Tube – Rapid Deployment, Tactical Sleeping System.</p> | <p>(71) Behi, R. (21) 2020900542 (22) 26.02.2020 (54) BIOSENSING PLATFORM AND TARGET BIOMARKER DETECTION</p> | <p>(71) Butcher, K. (21) 2020900615 (22) 02.03.2020 (54) System to produce precipitation</p> |
| <p>(71) Artrya Pty Ltd (21) 2020900593 (22) 28.02.2020 (54) A METHOD OF AND SYSTEM FOR CALCIUM SCORING OF CORONARY ARTERIES</p> | <p>Betts, C. see Betts, P. (21) 2020900596</p> | <p>(71) Cameron, A. (21) 2020900574 (22) 27.02.2020 (54) An inflatable foot pump to exercise legs while in a sitting position for the prevention of deep veined thrombosis (DVT).</p> |
| <p>(71) Ascend Biopharmaceuticals Ltd (21) 2020900586 (22) 28.02.2020 (54) METHODS OF TREATMENT AND RELATED COMPOSITIONS</p> | <p>(71) Camm Head Protection Pty Ltd (21) 2020900587 (22) 28.02.2020 (54) Safety helmet</p> | |

Provisional Applications Filed - Name Index cont'd

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| <p>(71) Changzhou Le Sun Pharmaceuticals Limited (21) 2020900610 (22) 02.03.2020 (54) METHOD OF TREATING VIRAL INFECTIONS</p> | <p>(71) Digispectro Pty Ltd (21) 2020900551 (22) 26.02.2020 (54) SYSTEM AND METHOD FOR COSMETIC MATCHING</p> | <p>(71) INFINITY DRAGON STUDIOS PTY. LIMITED (21) 2020900619 (22) 02.03.2020 (54) Method and Process for Dynamic Reel Spin Control and Performance Optimization in Video Slot Machines</p> |
| <p>(71) Chappell, J. (21) 2020900544 (22) 26.02.2020 (54) DEVICE FOR MANIPULATING BEDDING</p> | <p>(71) Eco Ice Australia Pty Ltd (21) 2020900534 (22) 25.02.2020 (54) REFRIGERATOR</p> | <p>(71) Jansen, D. (21) 2020900570 (22) 27.02.2020 (54) Business card with flexible screen</p> |
| <p>(71) Children's Medical Research Institute (21) 2020900529 (22) 25.02.2020 (54) Adeno-associated virus capsid polypeptides and vectors</p> | <p>(71) Flehan Pty Ltd (21) 2020900618 (22) 02.03.2020 (54) METHOD FOR MAKING A PIZZA</p> | <p>Johnson, A. see Johnson, C. (21) 2020900518</p> |
| <p>(71) Christensen, M. (21) 2020900598 (22) 29.02.2020 (54) Native Stingless Bee Honey-Super Isolation Unit</p> | <p>(71) Gardner, A. (21) 2020900571 (22) 27.02.2020 (54) Household waste and recycling system.</p> | <p>(71) Johnson, C.; Holdsworth, K.; Johnson, A. (21) 2020900518 (22) 24.02.2020 (54) A DEVICE FOR MONITORING THE FLOW OF WATER</p> |
| <p>(71) Coglitore, C. (21) 2020900577 (22) 28.02.2020 (54) bizblockchain for businesses</p> | <p>(71) Gardner, A. (21) 2020900599 (22) 29.02.2020 (54) Household waste and recycling system.</p> | <p>(71) Kat Concrete Pumping Pty Ltd (21) 2020900572 (22) 27.02.2020 (54) STABILISATION SAFETY SYSTEM AND DEVICE</p> |
| <p>Commonwealth Scientific and Industrial Research Organisation see Monash University (21) 2020900532</p> | <p>(71) Gardner, A. (21) 2020900600 (22) 29.02.2020 (54) Household waste and recycling system.</p> | <p>(71) KINALTEK PTY. LTD. (21) 2020900514 (22) 23.02.2020 (54) A low-temperature reduction process and products</p> |
| <p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020900582 (22) 28.02.2020 (54) Carbon dioxide capture process using hydrogels</p> | <p>Gillen, P. see Betts, P. (21) 2020900596</p> | <p>(71) KING, M. (21) 2020900616 (22) 02.03.2020 (54) TURBINE ARRANGEMENT, SHELTER AND CONTROLLER THEREFOR</p> |
| <p>(71) Complete Steering Australia Pty Ltd (21) 2020900575 (22) 27.02.2020 (54) Bevel Gear Box</p> | <p>(71) Gomez, R. (21) 2020900594 (22) 28.02.2020 (54) High Conductivity Electrodes in the Electrolysis of Water to Produce Hydrogen</p> | <p>(71) Lastavec, S. (21) 2020900546 (22) 26.02.2020 (54) Ember attack resistant wall transitions</p> |
| <p>(71) Crain, S. (21) 2020900611 (22) 02.03.2020 (54) Car Capability and Control Factor (C3F) – Self Improving Assessment Method</p> | <p>(71) Greenbio IP Holdings Pty Ltd (21) 2020900539 (22) 25.02.2020 (54) Plant Growing Units</p> | <p>(71) Lawson, R. (21) 2020900535 (22) 25.02.2020 (54) An Article of Furniture</p> |
| <p>(71) CSR Building Products Limited (21) 2020900556 (22) 26.02.2020 (54) Coloured Fibre-Cement Panels</p> | <p>(71) Hanes Innerwear Australia Pty Ltd (21) 2020900547 (22) 26.02.2020 (54) Protective garment</p> | <p>(71) LIFESPAN ENERGY PTY LTD (21) 2020900537 (22) 25.02.2020 (54) DEVICE, SYSTEM & METHOD FOR DETECTING PARTICULATE MATTER ON A SURFACE</p> |
| <p>(71) cuggi, j. (21) 2020900601 (22) 01.03.2020 (54) wireless smoke alarm with inbuilt phone calling function of up to 10 phone no's stored in device, via wi-fi or mobile sim card fitted to alert of fire.</p> | <p>(71) Hannay Douglas Pty Ltd (21) 2020900595 (22) 28.02.2020 (54) PRODUCE CONTAINER FOR USE WITH VAPOUR HEAT TREATMENT</p> | <p>(71) Martschinke, T. (21) 2020900538 (22) 25.02.2020 (54) A GAME DEVICE</p> |
| <p>(71) Imagine Intelligent Materials Limited (21) 2020900569 (22) 27.02.2020 (54) GEOSYNTHETIC CEMENTITIOUS COMPOSITE MAT WITH ELECTRICALLY CONDUCTIVE PROPERTIES</p> | <p>(71) Hardcastle, P. (21) 2020900576 (22) 28.02.2020 (54) TriboFuge Water From Air Harvester</p> | <p>(71) McElligott, T. (21) 2020900567 (22) 27.02.2020 (54) A disconnectable pull action toggle clamp latch</p> |

Provisional Applications Filed - Name Index cont'd

(71) McElrea, D.
(21) 2020900545 (22) 26.02.2020
(54) Improved burger packaging

(71) Minelab Electronics Pty. Limited
(21) 2020900585 (22) 28.02.2020
(54) A MAGNETIC FIELD TRANSMITTER OF A METAL DETECTOR

(71) Mitygo Pty Ltd
(21) 2020900578 (22) 28.02.2020
(54) A telemetry system for automated bush fire detection

(71) MMG Limited
(21) 2020900592 (22) 28.02.2020
(54) Sequential ferrous and ferric leach process

(71) Monash University; Commonwealth Scientific and Industrial Research Organisation
(21) 2020900532 (22) 25.02.2020
(54) A microfluidic device for investigating transport across a cellular barrier

(71) Morozov, I.
(21) 2020900591 (22) 28.02.2020
(54) AN IMPROVED ADJUSTABLE WALL STUD

(71) NewSouth Innovations Pty Limited
(21) 2020900520 (22) 24.02.2020
(54) Iron alloys

(71) NewSouth Innovations Pty Limited
(21) 2020900573 (22) 27.02.2020
(54) Fast graphics processing unit meshing for volumetric visualization

(71) NTHALMIC HOLDING PTY LTD
(21) 2020900604 (22) 01.03.2020
(54) A Single Vision Lens

(71) NTHALMIC HOLDING PTY LTD
(21) 2020900605 (22) 01.03.2020
(54) A Lens for myopia

(71) NTHALMIC HOLDING PTY LTD
(21) 2020900606 (22) 01.03.2020
(54) Ophthalmic Lens

(71) NTHALMIC HOLDING PTY LTD
(21) 2020900607 (22) 01.03.2020
(54) Contact lens apparatus

(71) O'Halloran, T.
(21) 2020900620 (22) 02.03.2020
(54) Transient Eye Mask

(71) Ocean Rogue Pty Ltd
(21) 2020900557 (22) 26.02.2020
(54) Mooring Ring

(71) OTM SPORTS FISHING PTY. LIMITED; Blatchford, S.
(21) 2020900623 (22) 03.03.2020
(54) Gum Repair Mouthpiece

(71) OZRAN SCIENTIFIC PTY LTD
(21) 2020900543 (22) 26.02.2020
(54) System and Method For airborne Particulate Matter Agglomeration

(71) Perkins, B.
(21) 2020900614 (22) 02.03.2020
(54) Paddle Mechanism

(71) Pinkard, J.
(21) 2020900558 (22) 26.02.2020
(54) Water Tank Shutdown Device

(71) PLAY SAFE TRAMPOLINES PTY LTD
(21) 2020900552 (22) 26.02.2020
(54) Encased spring concealment and wheelchair friendly mat for the Play safe trampoline air jumper system. Invention provides Low rebound, durable solution for wheelchair friendly air jumper (trampoline).

(71) PM Williamson Nominees Pty Ltd
(21) 2020900568 (22) 27.02.2020
(54) Image Capturing System

(71) Power, R.
(21) 2020900553 (22) 26.02.2020
(54) Powerspinner reaction turbine

(71) Prenario Pty Ltd
(21) 2020900581 (22) 28.02.2020
(54) SYSTEM AND METHOD FOR DECISION MAKING

(71) prendergast, j.
(21) 2020900603 (22) 01.03.2020
(54) one sided hammock stand with insect/rain shelter to suit

(71) REGENX SYSTEMS PTY LTD
(21) 2020900564 (22) 27.02.2020
(54) Magnetically assisted mechanical gear with power regeneration

(71) RESMED LIMITED
(21) 2020900565 (22) 27.02.2020
(54) Methods and apparatus for regenerating gas separation adsorbent

(71) ResMed Pty Ltd
(21) 2020900590 (22) 28.02.2020
(54) Patient Interface

(71) Richardson, R.
(21) 2020900561 (22) 27.02.2020
(54) Caravan with lowering floor and rear entrance for ease of disabled access. Whole centre section of floor drops down to ground level along length of caravan, prototype uses manual mechanical winch, full scale model would work with electric motor winch. This design will help people with disabilities avoid using steps up into the caravan, without the need for an aftermarket ramp or lift of any kind. The floor simply lifts and locks into position for travel. Another advantage is the lower roof height, making it suitable to be towed by smaller vehicles and is easy to garage.

(71) Rogers, P.
(21) 2020900609 (22) 02.03.2020
(54) GYM WEIGHT LOADING SYSTEM

(71) Sattler, J.
(21) 2020900597 (22) 28.02.2020
(54) A fishing tackle attachment mechanism

(71) ScreenAway Holdings Limited
(21) 2020900621 (22) 02.03.2020
(54) SPRING ASSIST SYSTEM

(71) Sevriukov, S.
(21) 2020900602 (22) 01.03.2020
(54) Engagement Software Platform (ESP) is a set of software platforms collected as a house of brands. The solution designed to stimulate and improve user engagements, help businesses in communication with target audiences, and provide tools for creators and influencers. ESP consists of 3 major modules: Engagement Platform, Audience Communication Solution, and Creators Platform.

(71) SLK Mate Pty Ltd
(21) 2020900533 (22) 25.02.2020
(54) SYSTEM AND METHOD FOR DETERMINING ATTRIBUTES OF A TRAVEL ROUTE INVOLVING SLK LOCATION(S)

(71) SOLIN TECH PTY LTD
(21) 2020900613 (22) 02.03.2020
(54) A MULTI-STAGE MEMBRANE SOLAR DISTILLATION SYSTEM

(71) STENMAR ENTERPRISES PTY LTD
(21) 2020900555 (22) 26.02.2020
(54) Fluid Isolator

Provisional Applications Filed - Name Index cont'd

(71) Tengiz, C.
 (21) 2020900541 (22) 25.02.2020
 (54) Online software system (with interface) to extract, collate and download utility asset plans and information from user's e-mail

(71) van ek, g.
 (21) 2020900583 (22) 28.02.2020
 (54) Electronic Nose system featuring a volatile organic compounds sensor array and Machine Learning software for the early detection of diseases in honey bee hives

(71) Walker, P.
 (21) 2020900617 (22) 02.03.2020
 (54) System for forming lightweight concrete

(71) Weiss Nominees Pty Ltd
 (21) 2020900530 (22) 25.02.2020
 (54) MOTOR VEHICLE CONTROL

(71) Xing, L.
 (21) 2020900550 (22) 26.02.2020
 (54) Method, system and an unmanned aerial vehicle for repelling a marine animal

(71) Young, J.
 (21) 2020900559 (22) 26.02.2020
 (54) DEVICES METHODS AND SYSTEMS FOR RESISTANCE TRAINING AND MEASUREMENT

(71) Yuuwa Ventures Pty Ltd
 (21) 2020900622 (22) 02.03.2020
 (54) Topical wound treatment

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|-------------------|---|-------------------|---|
| 2020900514 | KINALTEK PTY. LTD. | 2020900592 | MMG Limited |
| 2020900518 | Johnson, C.; Holdsworth, K.; Johnson, A. | 2020900593 | Artrya Pty Ltd |
| 2020900520 | NewSouth Innovations Pty Limited | 2020900594 | Gomez, R. |
| 2020900529 | Children's Medical Research Institute | 2020900595 | Hannay Douglas Pty Ltd |
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| 2020900531 | Bailey, G. | 2020900597 | Sattler, J. |
| 2020900532 | Monash University; Commonwealth Scientific and Industrial Research Organisation | 2020900598 | Christensen, M. |
| 2020900533 | SLK Mate Pty Ltd | 2020900599 | Gardner, A. |
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| 2020900535 | Lawson, R. | 2020900601 | cuggi, j. |
| 2020900536 | Aucentra Therapeutics Pty Ltd | 2020900602 | Sevriukov, S. |
| 2020900537 | LIFESPAN ENERGY PTY LTD | 2020900603 | prendergast, j. |
| 2020900538 | Martschinke, T. | 2020900604 | NTHALMIC HOLDING PTY LTD |
| 2020900539 | Greenbio IP Holdings Pty Ltd | 2020900605 | NTHALMIC HOLDING PTY LTD |
| 2020900540 | Arnol, T. | 2020900606 | NTHALMIC HOLDING PTY LTD |
| 2020900541 | Tengiz, C. | 2020900607 | NTHALMIC HOLDING PTY LTD |
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| 2020900543 | OZRAN SCIENTIFIC PTY LTD | 2020900609 | Rogers, P. |
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| 2020900546 | Lastavec, S. | 2020900613 | SOLIN TECH PTY LTD |
| 2020900547 | Hanes Innerwear Australia Pty Ltd | 2020900614 | Perkins, B. |
| 2020900548 | Beyond Architectural Pty Ltd | 2020900615 | Butcher, K. |
| 2020900549 | BIOMEDTECH AUSTRALIA PTY LTD | 2020900616 | KING, M. |
| 2020900550 | Xing, L. | 2020900617 | Walker, P. |
| 2020900551 | Digispectro Pty Ltd | 2020900618 | Flehan Pty Ltd |
| 2020900552 | PLAY SAFE TRAMPOLINES PTY LTD | 2020900619 | INFINITY DRAGON STUDIOS PTY. LIMITED |
| 2020900553 | Power, R. | 2020900620 | O'Halloran, T. |
| 2020900554 | BATTERY PV PTY LTD | 2020900621 | ScreenAway Holdings Limited |
| 2020900555 | STENMAR ENTERPRISES PTY LTD | 2020900622 | Yuuwa Ventures Pty Ltd |
| 2020900556 | CSR Building Products Limited | 2020900623 | OTM SPORTS FISHING PTY. LIMITED; Blatchford, S. |
| 2020900557 | Ocean Rogue Pty Ltd | | |
| 2020900558 | Pinkard, J. | | |
| 2020900559 | Young, J. | | |
| 2020900560 | Boulton, M. | | |
| 2020900561 | Richardson, R. | | |
| 2020900562 | Anaxis Pharma Pty Ltd | | |
| 2020900563 | Anaxis Pharma Pty Ltd | | |
| 2020900564 | REGENX SYSTEMS PTY LTD | | |
| 2020900565 | RESMED LIMITED | | |
| 2020900566 | Anderson, D. | | |
| 2020900567 | McElligott, T. | | |
| 2020900568 | PM Williamson Nominees Pty Ltd | | |
| 2020900569 | Imagine Intelligent Materials Limited | | |
| 2020900570 | Jansen, D. | | |
| 2020900571 | Gardner, A. | | |
| 2020900572 | Kat Concrete Pumping Pty Ltd | | |
| 2020900573 | NewSouth Innovations Pty Limited | | |
| 2020900574 | Cameron, A. | | |
| 2020900575 | Complete Steering Australia Pty Ltd | | |
| 2020900576 | Hardcastle, P. | | |
| 2020900577 | Coglitore, C. | | |
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| 2020900584 | Atone Australia Pty Ltd | | |
| 2020900585 | Minelab Electronics Pty. Limited | | |
| 2020900586 | Ascend Biopharmaceuticals Ltd | | |
| 2020900587 | Camm Head Protection Pty Ltd | | |
| 2020900588 | Barge's Belting Solutions Pty Ltd | | |
| 2020900589 | Auckland UniServices Limited | | |
| 2020900590 | ResMed Pty Ltd | | |
| 2020900591 | Morozov, I. | | |

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 25 Feb 2020 .

. (*) Title not in Roman characters

. (**) Title not given

| | | |
|---|--|--|
| (71) AbbVie Inc. (21) 2020201390 (22) 26.02.2020 (54) Novel tricyclic compounds (62) 2018201663 | degenerative diseases and cognitive disorders (62) 2018204108 | (71) Aristocrat Technologies Australia Pty Limited (21) 2020201414 (22) 27.02.2020 (54) An electronic gaming machine with base games and upgraded free feature games with multiple versions displayed (62) 2018204797 |
| (71) Acceleron Pharma Inc. (21) 2020201526 (22) 02.03.2020 (54) ActRII receptor polypeptides, methods and compositions (62) 2017208295 | (71) ANTONY, B. (21) 2020201462 (22) 28.02.2020 (54) A process to enhance the bioactivity of Ashwagandha extracts (62) 2018260852 | (71) Aristocrat Technologies Australia Pty Limited (21) 2020201451 (22) 27.02.2020 (54) METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM (62) 2018202346 |
| (71) Alexander, Z. (21) 2020201515 (22) 01.03.2020 (54) Tackling Smoking Software, used to help battle smoking and other health related areas. | (71) APO-T B.V. (21) 2020201525 (22) 02.03.2020 (54) Binding molecules targeting pathogens (62) 2018202038 | (71) Aristocrat Technologies Australia Pty Limited (21) 2020201468 (22) 28.02.2020 (54) DIGITAL LOBBY AND MULTI-GAME METAMORPHICS (31) 16/290,838 (32) 01.03.19 (33) US |
| (71) Alkermes, Inc. (21) 2020201499 (22) 28.02.2020 (54) SINGLE CHAIN FC FUSION PROTEINS (62) 2018247255 | (71) Apple Inc. (21) 2020201388 (22) 26.02.2020 (54) Multi-interface transponder device (31) 62/810,492 (32) 26.02.19 (33) US 16/800,424 25.02.20 US 16/800,523 25.02.20 US | (71) Aristocrat Technologies Australia Pty Limited (21) 2020201472 (22) 28.02.2020 (54) INDIVIDUAL METAMORPHIC LINKED JACKPOTS (31) 16/290,833 (32) 01.03.19 (33) US |
| (71) Alkermes Pharma Ireland Limited (21) 2020201426 (22) 27.02.2020 (54) PRODRUGS OF NH-ACIDIC COMPOUNDS (62) 2018205087 | (71) Apple Inc. (21) 2020201425 (22) 27.02.2020 (54) Spatially ducking audio produced through a beamforming loudspeaker array (62) 2018203165 | (71) Aristocrat Technologies Australia Pty Limited (21) 2020201478 (22) 28.02.2020 (54) CONTROLLING AN ELECTRONIC GAMING MACHINE TO PROVIDE A BONUS FEATURE OPPORTUNITY (31) 16/290,836 (32) 01.03.19 (33) US |
| (71) Allflex Australia Pty Limited (21) 2020201382 (22) 26.02.2020 (54) ANIMAL IDENTIFICATION SYSTEMS (62) 2018213987 | (71) Apple Inc. (21) 2020201445 (22) 27.02.2020 (54) Vertically stacked image sensor (62) 2018217216 | (71) Aristocrat Technologies Australia Pty Limited (21) 2020201482 (22) 28.02.2020 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A PRIZE CONTROLLER (62) 2018202519 |
| (71) Alnylam Pharmaceuticals, Inc. (21) 2020201441 (22) 27.02.2020 (54) PCSK9 iRNA compositions and methods of use thereof (62) 2013355237 | (71) Apple Inc. (21) 2020201464 (22) 28.02.2020 (54) Systems and methods for integrating third party services with a digital assistant (62) 2018204661 | (71) Aristocrat Technologies Australia Pty Limited (21) 2020201492 (22) 28.02.2020 (54) AN ELECTRONIC METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM (62) 2018200883 |
| (71) ALSTOM Transport Technologies; Institut de Recherche Technologique SystemX (21) 2020201518 (22) 02.03.2020 (54) Method and system for a geographical hot redundancy (31) 19 02344 (32) 07.03.19 (33) FR | (71) Apple Inc. (21) 2020201470 (22) 28.02.2020 (54) Far-field extension for digital assistant services (62) 2019203392 | (71) Armstrong World Industries, Inc. (21) 2020201532 (22) 02.03.2020 |
| (71) Amazentis SA (21) 2020201476 (22) 28.02.2020 (54) Compositions and methods for improving mitochondrial function and treating neuro- | (71) Applied Medical Resources Corporation (21) 2020201543 (22) 03.03.2020 (54) Electrosurgical system (62) 2015258819 | |

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| | | |
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| <p>(54) Ceiling system (62) 2015324259</p> <hr/> <p>(71) August, D. (21) 2020201469 (22) 28.02.2020 (54) An apparatus and method for the assessment of skin injuries (31) 2019900648 (32) 28.02.19 (33) AU</p> <hr/> <p>(71) Azura Ophthalmics Ltd. (21) 2020201548 (22) 03.03.2020 (54) Compositions and methods for the treatment of meibomian gland dysfunction (62) 2015334586</p> <hr/> <p>BALDWIN, B. see INDYME SOLUTIONS, LLC (21) 2020201381</p> <hr/> <p>(71) Barge's Belting Solutions Pty Ltd (21) 2020201504 (22) 28.02.2020 (54) Conveyor Belt Rip Detection Method & System (61) 2009206205</p> <hr/> <p>(71) Bayer CropScience; Bayer CropScience LP (21) 2020201507 (22) 28.02.2020 (54) Methods and means for modulating flowering time in monocot plants (62) 2014286296</p> <hr/> <p>Bayer CropScience LP see Bayer CropScience (21) 2020201507</p> <hr/> <p>(71) BeulahWorks, LLC (21) 2020201503 (22) 28.02.2020 (54) Knowledge Capture and Discovery System (62) 2017272146</p> <hr/> <p>(71) Beyond Architectural Pty Ltd (21) 2020201452 (22) 27.02.2020 (54) Frameless Glass Fencing Component (62) 2018203498</p> <hr/> <p>(71) BGC Partners, Inc. (21) 2020201530 (22) 02.03.2020 (54) INTERPROGRAM COMMUNICATION USING MESSAGES RELATED TO EVENTS AND ACTIONS ON AN EXCHANGE (62) 2017216503</p> <hr/> <p>(71) Biocompatibles UK Ltd. (21) 2020201495 (22) 28.02.2020 (54) Radiopaque polymers (62) 2014316839</p> <hr/> <p>(71) Biomet 3i, LLC (21) 2020201437 (22) 27.02.2020</p> | <p>(54) PACKAGING FOR DENTAL IMPLANT COMPONENTS (31) 62/812,206 (32) 28.02.19 (33) US</p> <hr/> <p>(71) Biskup, S. (21) 2020201364 (22) 25.02.2020 (54) A waste-less cut-less composed wooden panel for a wooden timber buildings construction (31) PV 2019-124 (32) 28.02.19 (33) CZ</p> <hr/> <p>(71) Blackhawk Network, Inc. (21) 2020201463 (22) 28.02.2020 (54) Open Payment Network (62) 2014306607</p> <hr/> <p>(71) Blockchain IT Solutions Pty Ltd (21) 2020201461 (22) 28.02.2020 (54) A System and Method for Implementing a Private Computer Network (62) 2018386714</p> <hr/> <p>(71) Bluebird Bio, Inc. (21) 2020201489 (22) 28.02.2020 (54) Improved T cell compositions (62) 2018274888</p> <hr/> <p>(71) BM Group Holding S.p.A. (21) 2020201383 (22) 26.02.2020 (54) APPARATUS FOR TRANSPORTING AGGREGATES OR SIMILAR (31) 102019000003025 (32) 01.03.19 (33) IT</p> <hr/> <p>(71) Boehringer Ingelheim Vetmedica GmbH (21) 2020201551 (22) 03.03.2020 (54) Treatment of metabolic disorders in feline animals (62) 2014364999</p> <hr/> <p>(71) Borealis AG (21) 2020201399 (22) 26.02.2020 (54) POLYMER COMPOSITION FOR ADHESIVE APPLICATIONS (62) 2017273755</p> <hr/> <p>(71) Bouygues Travaux Publics (21) 2020201411 (22) 27.02.2020 (54) Unclogging of a discharge opening of a tunnel boring machine by ultrasonic waves (31) 1902023 (32) 27.02.19 (33) FR</p> <hr/> <p>(71) BrightGene Bio-Medical Technology Co., Ltd. (21) 2020201527 (22) 02.03.2020 (54) Phosphoramidate compound and preparation method and crystal thereof (62) 2016322373</p> <hr/> <p>(71) British American Tobacco (Investments) Limited (21) 2020201368 (22) 25.02.2020</p> | <p>(54) Article for use in apparatus for heating smokable material (62) 2017267294</p> <hr/> <p>BUDANO, J. see INDYME SOLUTIONS, LLC (21) 2020201381</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2020201422 (22) 27.02.2020 (54) Ultrafine bubble generating method, ultrafine bubble generating apparatus, and ultrafine bubble-containing liquid (31) 2019-035814 (32) 28.02.19 (33) JP</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2020201423 (22) 27.02.2020 (54) Ultrafine bubble generating method, ultrafine bubble generating apparatus, and ultrafine bubble-containing liquid (31) 2019-035906 (32) 28.02.19 (33) JP</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2020201427 (22) 27.02.2020 (54) Ultrafine bubble generating method, ultrafine bubble generating apparatus, and ultrafine bubble-containing liquid (31) 2019-035776 (32) 28.02.19 (33) JP 2020-019019 06.02.20 JP</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2020201430 (22) 27.02.2020 (54) Ultrafine bubble generating apparatus (31) 2019-035937 (32) 28.02.19 (33) JP</p> <hr/> <p>(71) Cargotec Patenter AB (21) 2020201413 (22) 27.02.2020 (54) Vehicle accessory arrangement (31) 19161092.2 (32) 06.03.19 (33) EP</p> <hr/> <p>(71) Cargotec Patenter AB (21) 2020201420 (22) 27.02.2020 (54) A vehicle comprising a vehicle accessory arrangement (31) 19161093.0 (32) 06.03.19 (33) EP</p> <hr/> <p>(71) Cashmere Connections Pty Ltd (21) 2020201367 (22) 25.02.2020 (54) Compact Scour (31) 2019900614 (32) 26.02.19 (33) AU</p> <hr/> <p>(71) Castel Innovations, LLC (21) 2020201443 (22) 27.02.2020 (54) Tailgate and door adjustors (62) 2016304694</p> <hr/> <p>(71) CFPH, LLC (21) 2020201393 (22) 26.02.2020 (54) AMUSEMENT DEVICES AND GAMES INVOLVING PROGRESSIVE JACKPOTS (62) 2017276309</p> |
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| | | |
|--|--|--|
| (71) Colgate-Palmolive Company; Omron Healthcare Co., Ltd (21) 2020201539 (22) 03.03.2020 (54) Electric toothbrush, brush unit, and method for operating an electric toothbrush (62) 2019200195 | (21) 2020201381 (71) DePuy Synthes Products, Inc. (21) 2020201466 (22) 28.02.2020 (54) Customized patient-specific revision surgical instruments and method (62) 2018256596 | (71) FDK Corporation (21) 2020201412 (22) 27.02.2020 (54) BATTERY SPACER (62) 2016331337 |
| (71) Cosmo Technologies Ltd. (21) 2020201446 (22) 27.02.2020 (54) 17a,21-diesters of cortexolone for use in the treatment of tumors (62) 2015329999 | (71) Digits Financial, Inc. (21) 2020201454 (22) 28.02.2020 (54) SYSTEM AND METHOD FOR REGULAR EXPRESSION GENERATION FOR IMPROVED DATA TRANSFER (31) 16/506,012 (32) 09.07.19 (33) US | (71) Fisher & Paykel Healthcare Limited (21) 2020201428 (22) 27.02.2020 (54) ACTIVE SMOKE FILTRATION FOR INSUFFLATION (62) 2015259946 |
| (71) Covidien LP (21) 2020201371 (22) 25.02.2020 (54) Surgical stapler anvil with directionally biased staple pockets (31) 62/817,854 (32) 13.03.19 (33) US 16/788,669 12.02.20 US | (71) Dolby International AB (21) 2020201419 (22) 27.02.2020 (54) Method and device for decoding an audio soundfield representation (62) 2018201133 | (71) Fisher & Paykel Healthcare Limited (21) 2020201432 (22) 27.02.2020 (54) GASES MIXING AND MEASURING FOR A MEDICAL DEVICE (62) 2015268171 |
| (71) Covidien LP (21) 2020201436 (22) 27.02.2020 (54) Apparatus for endoscopic procedures (62) 2018241210 | (71) Ecolab USA, Inc. (21) 2020201438 (22) 27.02.2020 (54) Methods for forming peroxyformic acid and uses thereof (62) 2018260977 | (71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2020201523 (22) 02.03.2020 (54) HEADGEAR FOR RESPIRATORY INTERFACES (62) 2015242237 |
| (71) CREO MEDICAL LIMITED (21) 2020201396 (22) 26.02.2020 (54) AN RF AND/OR MICROWAVE ENERGY CONVEYING STRUCTURE, AND AN INVASIVE ELECTROSURGICAL SCOPING DEVICE INCORPORATING THE SAME (62) 2015332594 | (71) Electrolux Appliances Aktiebolag (21) 2020201474 (22) 28.02.2020 (54) WASHING DRUM FOR A LAUNDRY WASHING MACHINE AND LAUNDRY WASHING MACHINE EQUIPPED WITH SUCH DRUM (31) 19165272.6 (32) 26.03.19 (33) EP | (71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2020201553 (22) 03.03.2020 (54) HEADGEAR FOR PATIENT INTER-FACE (62) 2018217307 |
| (71) Crossroads Extremity Systems, LLC (21) 2020201392 (22) 26.02.2020 (54) Bone plates with dynamic elements (62) 2019208253 | (71) ENDO GI MEDICAL LTD. (21) 2020201370 (22) 25.02.2020 (54) DEPLOYMENT OF MULTIPLE BILIARY STENTS (31) 62/956,294 (32) 01.01.20 (33) US (62) PCT/IL2019/050713 | (71) Flyingtee Tech, LLC (21) 2020201531 (22) 02.03.2020 (54) Two-environment game play system (62) 2014284410 |
| (71) Crystalgenomics, Inc. (21) 2020201431 (22) 27.02.2020 (54) 2,3-dihydro-isoindol-1-on derivative as BTK kinase suppressant, and pharmaceutical composition including same (62) 2018214134 | (71) Ergomotion Inc. (21) 2020201394 (22) 26.02.2020 (54) Articulating bed with adjustable articulating lumbar support (62) 2016257464 | (71) FMC CORPORATION (21) 2020201494 (22) 28.02.2020 (54) FOAM FORMULATIONS AND APPARATUS FOR DELIVERY (62) 2018229499 |
| (71) Cytec Industries Inc. (21) 2020201502 (22) 28.02.2020 (54) Stabilizer compositions and methods for using same for protecting organic materials from UV light and thermal degradation (62) 2015349771 | (71) ESS Engineering Services & Supplies Pty Limited (21) 2020201424 (22) 27.02.2020 (54) Conveyor belt scraper blade with zirconium oxide tiles (31) 2019900630 (32) 27.02.19 (33) AU | (71) GENEVANT SCIENCES GMBH (21) 2020201384 (22) 26.02.2020 (54) BLOCK COPOLYMERS AND THEIR CONJUGATES OR COMPLEXES WITH OLIGONUCLEOTIDES (62) 2014296278 |
| (71) CytomX Therapeutics, Inc. (21) 2020201405 (22) 26.02.2020 (54) Compositions and methods for conjugating activatable antibodies (62) 2014274982 | (71) F. Hoffmann-La Roche AG (21) 2020201429 (22) 27.02.2020 (54) Human FcRn-binding modified antibodies and methods of use (62) 2019200635 | (71) Gilead Science, Inc. (21) 2020201369 (22) 25.02.2020 (54) Synthesis of polycyclic-carbamoylpyridone compounds (62) 2018217236 |
| | | (71) Godo Kaisha IP Bridge 1 (21) 2020201448 (22) 27.02.2020 (54) Control channel signalling for triggering the independent transmission of a channel quality indicator (62) 2017279772 |

DEAL, S. see INDYME SOLUTIONS, LLC

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(71) Goldman Sachs & Co. LLC
 (21) 2020201520 (22) 02.03.2020
 (54) GENERAL-PURPOSE PARALLEL COMPUTING ARCHITECTURE
 (62) 2016264100

(71) Google LLC
 (21) 2020201421 (22) 27.02.2020
 (54) END-TO-END TEXT-TO-SPEECH CONVERSION
 (62) 2018244917

(71) Graeme, D.
 (21) 2020201534 (22) 02.03.2020
 (54) Lifting Device
 (31) 2019900670 (32) 01.03.19 (33) AU

(71) GrainFrac Inc.
 (21) 2020201455 (22) 28.02.2020
 (54) System and Method for Fractionating Grain
 (62) 2015263799

(71) GSW Creative Corporation
 (21) 2020201552 (22) 03.03.2020
 (54) A VAPORIZATION DEVICE, METHOD OF USING THE DEVICE, A CHARGING CASE, A KIT, AND A VIBRATION ASSEMBLY
 (62) 2018264051

Guiyang Plateau Machinery Company Limited
 see **Taiyuan University of Technology**
 (21) 2020201467

(71) Hagie Manufacturing Company
 (21) 2020201508 (22) 28.02.2020
 (54) Drop-down applicators for an agricultural sprayer
 (31) 16/295,853 (32) 07.03.19 (33) US

(71) Hanifin, A.
 (21) 2020201549 (22) 03.03.2020
 (54) APPARATUS FOR SCREENING OVERFLOW
 (31) 2019900711 (32) 05.03.19 (33) AU

(71) Heraeus Electro-Nite International N.V.
 (21) 2020201458 (22) 28.02.2020
 (54) Improved molten metal sampler
 (62) 2019202988

(71) Hewlett-Packard Development Company, L.P.
 (21) 2020201487 (22) 28.02.2020
 (54) XML file condensing
 (62) 2015415125

(71) HONEYWELL INTERNATIONAL INC.
 (21) 2020201513 (22) 28.02.2020

(54) DEVICE FOR IMPROVED GAS DETECTION IN A PHOTOIONIZATION DETECTOR
 (31) 201920254732.1 (32) 28.02.19 (33) CN

(71) HQ Wood Pty Ltd
 (21) 2020201533 (22) 02.03.2020
 (54) Engineered Composite Flooring and Wall Covering Planks
 (31) 2019902497 (32) 15.07.19 (33) AU

(71) Hunter Mining Methods Pty Ltd
 (21) 2020201434 (22) 27.02.2020
 (54) IMPROVED COMPONENTS AND METHODS FOR LONG WALL MINING
 (31) 2019902704 (32) 30.07.19 (33) AU

(71) Hunter Mining Methods Pty Ltd
 (21) 2020201435 (22) 27.02.2020
 (54) IMPROVED COMPONENTS AND METHODS FOR LONG WALL MINING
 (31) 2019902704 (32) 30.07.19 (33) AU

(71) Husqvarna AB
 (21) 2020201460 (22) 28.02.2020
 (54) INTELLIGENT WATERING SYSTEM
 (62) 2019200239

(71) HUYNH, C.
 (21) 2020201517 (22) 02.03.2020
 (54) USE OF GEMSTONES WITH EMBEDDED NEAR FIELD COMMUNICATION CHIPS FOR COMMUNICATION WITH NFC ENABLED DEVICES
 (62) 2014262277

(71) IGT
 (21) 2020201410 (22) 27.02.2020
 (54) SYSTEM AND METHOD FOR STREAMING WAGERING GAMES
 (31) 16/356,510 (32) 18.03.19 (33) US

(71) Illinois Tool Works Inc.
 (21) 2020201536 (22) 02.03.2020
 (54) Linking device
 (31) 2019900766 (32) 07.03.19 (33) AU

(71) Immunolight, LLC
 (21) 2020201439 (22) 27.02.2020
 (54) METHODS AND SYSTEMS FOR TREATING CELL PROLIFERATION DISORDERS
 (62) 2018201384

(71) INDYME SOLUTIONS, LLC; KING, G.; MORIKAWA, D.; BALDWIN, B.; KEPNER, B.; BUDANO, J.; DEAL, S.
 (21) 2020201381 (22) 26.02.2020
 (54) MERCHANDISE ACTIVITY SENSOR SYSTEM AND METHODS OF USING SAME
 (62) 2018201808

Institut de Recherche Technologique SystemX
 see **ALSTOM Transport Technologies**
 (21) 2020201518

(71) Intervention Technology Pty Ltd
 (21) 2020201440 (22) 27.02.2020
 (54) Free space optical communications system
 (62) 2015349000

(71) Intervet International B.V.
 (21) 2020201442 (22) 27.02.2020
 (54) Manufacturing of semi-plastic pharmaceutical dosage units
 (62) 2018220125

(71) J.C. Bamford Excavators Limited
 (21) 2020201471 (22) 28.02.2020
 (54) A WORKING MACHINE AND A CONTROLLER
 (31) 1902826.5 (32) 01.03.19 (33) GB
 1902827.3 01.03.19 GB
 1903399.2 12.03.19 GB
 1904474.2 29.03.19 GB

(71) J.C. Bamford Excavators Ltd
 (21) 2020201475 (22) 28.02.2020
 (54) WORKING MACHINE
 (31) 1902827.3 (32) 01.03.19 (33) GB

(71) J.C. Bamford Excavators Ltd
 (21) 2020201477 (22) 28.02.2020
 (54) WORKING MACHINE
 (31) 1902826.5 (32) 01.03.19 (33) GB

(71) Jayaram, N.
 (21) 2020201514 (22) 29.02.2020
 (54) METHOD OF ENERGY RECOVERY USING WAVE MOTION INDUCED ELECTRIC GENERATORS

(71) Johnson & Johnson Consumer Companies, Inc.
 (21) 2020201510 (22) 28.02.2020
 (54) Device for delivery of skin care composition
 (62) 2015267496

(71) JOHNSTON, S.
 (21) 2020201406 (22) 26.02.2020
 (54) REUSABLE FOOD STORAGE POUCH AND METHOD OF PRODUCTION THEREOF
 (31) 2019901564 (32) 08.05.19 (33) AU

(71) Jusand Nominees Pty Ltd
 (21) 2020201501 (22) 28.02.2020
 (54) Retainer Device for a Rock Anchor, Rock Anchor System and Associated Installation Method
 (62) 2019202151

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KEPNER, B. see INDYME SOLUTIONS, LLC
(21) 2020201381

KING, G. see INDYME SOLUTIONS, LLC
(21) 2020201381

(71) Knight, R.
(21) 2020201547 (22) 03.03.2020
(54) A Roof Overflow
(62) 2018201229

(71) Langston Companies, Inc.
(21) 2020201391 (22) 26.02.2020
(54) APPARATUS FOR BAGGING A BALE
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BALE
(31) 16/417,108 (32) 20.05.19 (33) US

Lauri, T. see Lauri, L.
(21) 2020201512

Lauri, F. see Lauri, L.
(21) 2020201512

(71) Lauri, L.; Lauri, T.; Lauri, F.
(21) 2020201512 (22) 28.02.2020
(54) Method of Processing an Intact Animal
Carcass
(31) 3,043,088 (32) 10.05.19 (33) CA

(71) Manitou Italia S.r.l.
(21) 2020201400 (22) 26.02.2020
(54) Telehandler with improved cab
(31) 10201900002935 (32) 28.02.19 (33) IT

(71) Mankind Pharma Ltd.
(21) 2020201450 (22) 27.02.2020
(54) Thiazolopyridine derivatives as GPR119
agonists
(62) 2017246996

(71) Massachusetts Institute of Technology
(21) 2020201387 (22) 26.02.2020
(54) AMINO ACID DERIVATIVES FUNC-
TIONALIZED ON THE N-TERMINUS
CAPABLE OF FORMING DRUG EN-
CAPSULATING MICROSPHERES AND
USES THEREOF
(62) 2017265103

(71) Medrobotics Corporation
(21) 2020201509 (22) 28.02.2020
(54) Articulating surgical tools and tool sheaths,
and methods of deploying the same
(62) 2018206688

(71) MFA Financial Holdings Pty Ltd
(21) 2020201490 (22) 28.02.2020

(54) Systems and Methods for Managing Data
Related to a Vehicle

(71) Mist Systems, Inc.
(21) 2020201459 (22) 28.02.2020
(54) Method for conveying AP error codes over
BLE advertisements
(31) 16/296,902 (32) 08.03.19 (33) US

**MORIKAWA, D. see INDYME SOLUTIONS,
LLC**
(21) 2020201381

(71) Nippon Suisan Kaisha, Ltd.
(21) 2020201555 (22) 03.03.2020
(54) Free polyunsaturated fatty acid-containing
composition and manufacturing method
therefor
(62) 2016317523

(71) Northern Tool & Equipment Company, Inc.
(21) 2020201522 (22) 02.03.2020
(54) Pump system with leak damage protection
(31) 62/828,457 (32) 02.04.19 (33) US

(71) Novartis AG
(21) 2020201556 (22) 03.03.2020
(54) IL-18 binding molecules
(62) 2017272201

(71) NTT DOCOMO, INC.
(21) 2020201373 (22) 25.02.2020
(54) Image prediction encoding device, image
prediction encoding method, image predic-
tion encoding program, image prediction
decoding device, image prediction decod-
ing method, and image prediction decoding
program
(62) 2018206832

(71) NTT DOCOMO, INC.
(21) 2020201374 (22) 25.02.2020
(54) Image prediction encoding device, image
prediction encoding method, image predic-
tion encoding program, image prediction
decoding device, image prediction decod-
ing method, and image prediction decoding
program
(62) 2018206833

(71) NTT DOCOMO, INC.
(21) 2020201375 (22) 25.02.2020
(54) Image prediction encoding device, image
prediction encoding method, image predic-
tion encoding program, image prediction
decoding device, image prediction decod-
ing method, and image prediction decoding
program
(62) 2018206834

(71) NTT DOCOMO, INC.
(21) 2020201376 (22) 25.02.2020

(54) Video prediction encoding device, video
prediction encoding method, video predic-
tion encoding program, video prediction de-
coding device, video prediction decoding
method, and video prediction decoding pro-
gram
(62) 2018208737

(71) NTT DOCOMO, INC.
(21) 2020201377 (22) 25.02.2020
(54) Video prediction encoding device, video
prediction encoding method, video predic-
tion encoding program, video prediction de-
coding device, video prediction decoding
method, and video prediction decoding pro-
gram
(62) 2018208737

(71) NTT DOCOMO, INC.
(21) 2020201379 (22) 25.02.2020
(54) Video prediction encoding device, video
prediction encoding method, video predic-
tion encoding program, video prediction de-
coding device, video prediction decoding
method, and video prediction decoding pro-
gram
(62) 2018208737

(71) Okta, Inc.
(21) 2020201528 (22) 02.03.2020
(54) Automated password generation and
change
(62) 2015296487

(71) Omeros Corporation; University of
Leicester
(21) 2020201500 (22) 28.02.2020
(54) Methods for treating conditions associated
with MASP-2 dependent complement activ-
ation
(62) 2016354117

**Omron Healthcare Co., Ltd see Colgate-Pal-
molive Company**
(21) 2020201539

(71) Pacific Blue VIC Pty Ltd
(21) 2020201449 (22) 27.02.2020
(54) CONTROL SYSTEM
(62) 2019236622

(71) PakPot Pty Ltd
(21) 2020201519 (22) 02.03.2020
(54) A Food Cup
(31) 2019900726 (32) 06.03.19 (33) AU

(71) PARIS, J.
(21) 2020201537 (22) 02.03.2020
(54) ASSEMBLY FOR IMPROVING REMOV-
AL FROM A PIPE OF DEBRIS SUCH A
ROOTS AND SCALE USING A WATER
JET NOZZLE
(62) 2017268682

Complete Applications Filed - Name Index cont'd

(71) Pentair Water Pool and Spa, Inc.
 (21) 2020201395 (22) 26.02.2020
 (54) Water quality monitor system and method
 (31) 62/810,489 (32) 26.02.19 (33) US

(71) Permaform Australia Pty Ltd
 (21) 2020201453 (22) 27.02.2020
 (54) Formwork system
 (62) 2018202971

(71) Plano Molding Company
 (21) 2020201385 (22) 26.02.2020
 (54) UTILITY BAG WITH WORKSTATION
 (31) 62/811,897 (32) 28.02.19 (33) US

(71) Powercast Corporation
 (21) 2020201417 (22) 27.02.2020
 (54) WIRELESS SENSOR SYSTEM, METHOD AND APPARATUS WITH SWITCH AND OUTLET CONTROL
 (62) 2017258941

(71) Precision Planting LLC
 (21) 2020201505 (22) 28.02.2020
 (54) Agricultural trench depth sensing systems, methods, and apparatus
 (62) 2017248423

(71) Pride Mobility Products Corporation
 (21) 2020201545 (22) 03.03.2020
 (54) ELEVATED HEIGHT WHEELCHAIR
 (62) 2014365851

(71) Pro-Team Buns, LLC
 (21) 2020201433 (22) 27.02.2020
 (54) Vegetable product food holders
 (62) 2018203987

(71) PTC Therapeutics, Inc.
 (21) 2020201380 (22) 25.02.2020
 (54) Methods for treating Huntington's disease
 (62) 2016366694

(71) QINGDAO UNIVERSITY OF TECHNOLOGY
 (21) 2020201554 (22) 03.03.2020
 (54) System and method for robot teaching based on RGB-D images and teach pendant
 (31) 201910665326.9 (32) 23.07.19 (33) CN

(71) Qualcomm Incorporated
 (21) 2020201402 (22) 26.02.2020
 (54) DRX FOR NARROWBAND TRANSMISSIONS
 (62) 2016346918

(71) Rearden, LLC
 (21) 2020201408 (22) 27.02.2020

(54) SYSTEMS AND METHODS FOR RADIO FREQUENCY CALIBRATION EXPLOITING CHANNEL RECIPROcity IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS
 (62) 2018201553

(71) Rearden, LLC
 (21) 2020201409 (22) 27.02.2020
 (54) SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS
 (62) 2018253582

(71) Recurium IP Holdings, LLC
 (21) 2018329815 (22) 06.09.2018
 (54) Continuous flow processes for making bicyclic compounds
 (86) PCT/US2018/049680
 (31) 62/556,897 (32) 11.09.17 (33) US

(71) Royal Caribbean Cruises Ltd.
 (21) 2020201542 (22) 03.03.2020
 (54) Distributed muster for ocean-going vessels
 (31) 16/569,627 (32) 12.09.19 (33) US

(71) Sanofi
 (21) 2020201403 (22) 26.02.2020
 (54) MicroRNA compounds and methods for modulating miR-21 activity
 (62) 2017219156

(71) Signal Pharmaceuticals, LLC
 (21) 2020201486 (22) 28.02.2020
 (54) Substituted aminopurine compounds, compositions thereof, and methods of treatment therewith
 (62) 2015328414

(71) SiO2 Medical Products, Inc.
 (21) 2020201401 (22) 26.02.2020
 (54) Three-position plungers, film coated plungers and related syringe assemblies
 (62) 2015315849

(71) SmartComms SC Limited
 (21) 2020201415 (22) 27.02.2020
 (54) DOCUMENT TAMPER DETECTION
 (62) 2014242683

(71) Smart Industries Corporation
 (21) 2020201480 (22) 28.02.2020
 (54) Arcade game with RFID reader and option to redeem points for additional plays
 (62) 2018203406

(71) SourceCode Technology Holdings, Inc
 (21) 2020201418 (22) 27.02.2020

(54) METHODS AND SYSTEMS FOR EXTENDING ROW-LEVEL SECURITY POLICIES
 (31) 16/286,979 (32) 27.02.19 (33) US

(71) Staar Surgical Company
 (21) 2020201473 (22) 28.02.2020
 (54) Ophthalmic implants with extended depth of field and enhanced distance visual acuity
 (62) 2015315342

(71) Surgimatix, Inc.
 (21) 2020201404 (22) 26.02.2020
 (54) Tissue approximator device
 (62) 2015277407

(71) Syngenta Crop Protection AG
 (21) 2020201398 (22) 26.02.2020
 (54) Tetraploid watermelon line 51WA009
 (31) 16/527,276 (32) 31.07.19 (33) US

(71) Taiyuan University of Technology; Guiyang Plateau Machinery Company Limited
 (21) 2020201467 (22) 28.02.2020
 (54) Permanent magnet outer rotor hoist
 (31) 201911348950.2 (32) 24.12.19 (33) CN

(71) Tata Consultancy Services Limited
 (21) 2020201491 (22) 28.02.2020
 (54) Grouping of entities for delivery of tangible assets
 (62) 2018201626

(71) Tate Access Floors, Inc
 (21) 2020201481 (22) 28.02.2020
 (54) ELONGATED CEILING GRID MEMBER AND CEILING GRID ASSEMBLY INCLUDING A PLURALITY OF THE ELONGATED CEILING GRID MEMBER
 (31) 16/354,915 (32) 15.03.19 (33) US

(71) Tela Innovations, Inc.
 (21) 2020201521 (22) 02.03.2020
 (54) CIRCUITS WITH LINEAR FINFET STRUCTURES
 (62) 2018200549

(71) Terragen Holdings Limited
 (21) 2020201488 (22) 28.02.2020
 (54) MICROBIAL FEED SUPPLEMENT COMPOSITION AND METHOD

(71) Thales Management & Services Deutschland GmbH
 (21) 2020201541 (22) 03.03.2020
 (54) A method for safely and autonomously determining a position information of a train on a track
 (31) 19168971.0 (32) 12.04.19 (33) EP

Complete Applications Filed - Name Index cont'd

- (71) The Boeing Company
(21) 2020201444 (22) 27.02.2020
(54) Multi-rotor vehicle with edge computing systems
(31) 62/814,349 (32) 06.03.19 (33) US
16/388,356 18.04.19 US
-
- (71) The Boeing Company
(21) 2020201456 (22) 28.02.2020
(54) Operational flight envelope management system
(31) 16/353,557 (32) 14.03.19 (33) US
-
- (71) The Boeing Company
(21) 2020201483 (22) 28.02.2020
(54) Multijunction solar cell having a fused silica cover glass
(31) 16/372,114 (32) 01.04.19 (33) US
16/702,821 04.12.19 US
-
- (71) The Boeing Company
(21) 2020201498 (22) 28.02.2020
(54) Autonomous distress tracking using automatic dependent surveillance-broadcast
(31) 16/362,413 (32) 22.03.19 (33) US
-
- (71) The Boeing Company
(21) 2020201524 (22) 02.03.2020
(54) Thermographic inspection for tape layup machines
(31) 16/291,974 (32) 04.03.19 (33) US
-
- (71) The Boeing Company
(21) 2020201544 (22) 03.03.2020
(54) Supporting a contoured sheet of material during machining operations
(31) 16/297,578 (32) 08.03.19 (33) US
-
- (71) The General Hospital Corporation
(21) 2020201465 (22) 28.02.2020
(54) USING TRUNCATED GUIDE RNAS (TRU-GRNAS) TO INCREASE SPECIFICITY FOR RNA-GUIDED GENOME EDITING
(62) 2014228981
-
- (71) The Procter & Gamble Company
(21) 2020201372 (22) 25.02.2020
(54) Filament for an oral care implement and oral care implement
(62) 2017273725
-
- (71) Third Pole, Inc.
(21) 2020201511 (22) 28.02.2020
(54) Systems And Methods For Ambulatory Generation Of Nitric Oxide
(62) 2018224329
-
- (71) Tillotts Pharma AG
(21) 2020201365 (22) 25.02.2020
(54) A delayed release drug formulation
(62) 2013404367
-
- (71) ToolGen Incorporated
(21) 2020201485 (22) 28.02.2020
(54) Composition For Cleaving A Target DNA Comprising A Guide RNA Specific For The Target DNA And Cas Protein-Encoding Nucleic Acid Or Cas Protein, And Use Thereof
(62) 2017254854
-
- (71) TROPICANA BANANA PTY LIMITED
(21) 2020201538 (22) 03.03.2020
(54) Bananas wrapped in recyclable paper banding
(62) 2017254854
-
- Unigen, Inc. see Unigen, Inc.**
(21) 2020201457
-
- (71) Unigen, Inc.; Unigen, Inc.
(21) 2020201457 (22) 28.02.2020
(54) Compositions and methods for managing or improving bone disorders, cartilage disorders, or both
(62) 2018203795
-
- University of Leicester see Omeros Corporation**
(21) 2020201500
-
- (71) University of Virginia Patent Foundation
(21) 2020201546 (22) 03.03.2020
(54) Tracking changes in average glycemia in diabetics
(62) 2014218785
-
- (71) V.O.T. Pty Ltd
(21) 2020201389 (22) 26.02.2020
(54) SPORTING OR AMUSEMENT APPARATUS
(62) 2018202421
-
- (71) Valspar Sourcing, Inc.
(21) 2020201397 (22) 26.02.2020
(54) COATING COMPOSITIONS FOR CONTAINERS AND OTHER ARTICLES AND METHODS OF COATING
(62) 2018200522
-
- (71) Vapotherm, Inc.
(21) 2020201493 (22) 28.02.2020
(54) SYSTEMS AND METHODS FOR PROVIDING RESPIRATORY THERAPY
(62) 2017251790
-
- (71) VASICEK, H.R.
(21) 2020201497 (22) 28.02.2020
(54) Charm Bracelet Connector
(31) 2019900642 (32) 28.02.19 (33) AU
-
- (71) Wang, J.
(21) 2020201506 (22) 28.02.2020
-
- (54) A kind of composite hose
(31) 201910148160.3 (32) 28.02.19 (33) CN
-
- (71) Waymo LLC
(21) 2020201378 (22) 25.02.2020
(54) Radar mounting estimation with unstructured data
(62) 2017222240
-
- (71) WIDES LIMITED
(21) 2020201386 (22) 26.02.2020
(54) ADVERTISEMENT INFORMATION SHARING SYSTEM
(62) 2014332884
-
- (71) Wilcox Industries Corp.
(21) 2020201416 (22) 27.02.2020
(54) Modular sighting assembly and method
(62) 2015201060
-
- (71) X-CHEM, INC.
(21) 2020201447 (22) 27.02.2020
(54) Benzhydrol-pyrazole derivatives having kinase inhibitory activity and uses thereof
(62) 2018201295
-
- (71) YEH, T.I.
(21) 2020201529 (22) 02.03.2020
(54) APPARATUS FOR TYING A BOARD TO A VEHICLE ROOF
(31) 108145604 (32) 12.12.19 (33) TW
-
- (71) Young Ching Pty Ltd
(21) 2020201479 (22) 28.02.2020
(54) Cutlery storage device
-
- (71) Zimmer Biomet CMF and Thoracic, LLC
(21) 2020201496 (22) 28.02.2020
(54) STERNAL CLOSURE CERCLAGE, PLATE IMPLANT AND INSTRUMENTATION
(62) 2015231821

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| 2020201381 | INDYME SOLUTIONS, LLC; KING, G.; MORIKAWA, D.; BALDWIN, B.; KEPNER, B.; BUDANO, J.; DEAL, S. | 2020201449 | Pacific Blue VIC Pty Ltd |
| 2020201382 | Allflex Australia Pty Limited | 2020201450 | Mankind Pharma Ltd. |
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| 2020201391 | Langston Companies, Inc. | 2020201459 | Mist Systems, Inc. |
| 2020201392 | Crossroads Extremity Systems, LLC | 2020201460 | Husqvarna AB |
| 2020201393 | CFPH, LLC | 2020201461 | Blockchain IT Solutions Pty Ltd |
| 2020201394 | Ergomotion Inc. | 2020201462 | ANTONY, B. |
| 2020201395 | Pentair Water Pool and Spa, Inc. | 2020201463 | Blackhawk Network, Inc. |
| 2020201396 | CREO MEDICAL LIMITED | 2020201464 | Apple Inc. |
| 2020201397 | Valspar Sourcing, Inc. | 2020201465 | The General Hospital Corporation |
| 2020201398 | Syngenta Crop Protection AG | 2020201466 | DePuy Synthes Products, Inc. |
| 2020201399 | Borealis AG | 2020201467 | Taiyuan University of Technology; Guiyang Plateau Ma- chinery Company Limited |
| 2020201400 | Manitou Italia S.r.l. | 2020201468 | Aristocrat Technologies Australia Pty Limited |
| 2020201401 | SiO2 Medical Products, Inc. | 2020201469 | August, D. |
| 2020201402 | Qualcomm Incorporated | 2020201470 | Apple Inc. |
| 2020201403 | Sanofi | 2020201471 | J.C. Bamford Excavators Limited |
| 2020201404 | Surgimatix, Inc. | 2020201472 | Aristocrat Technologies Australia Pty Limited |
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| 2020201406 | JOHNSTON, S. | 2020201474 | Electrolux Appliances Aktiebolag |
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| 2020201412 | FDK Corporation | 2020201479 | Young Ching Pty Ltd |
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| 2020201414 | Aristocrat Technologies Australia Pty Limited | 2020201481 | Tate Access Floors, Inc |
| 2020201415 | SmartComms SC Limited | 2020201482 | Aristocrat Technologies Australia Pty Limited |
| 2020201416 | Wilcox Industries Corp. | 2020201483 | The Boeing Company |
| 2020201417 | Powercast Corporation | 2020201485 | ToolGen Incorporated |
| 2020201418 | SourceCode Technology Holdings, Inc | 2020201486 | Signal Pharmaceuticals, LLC |
| 2020201419 | Dolby International AB | 2020201487 | Hewlett-Packard Development Company, L.P. |
| 2020201420 | Cargotec Patenter AB | 2020201488 | Terragen Holdings Limited |
| 2020201421 | Google LLC | 2020201489 | Bluebird Bio, Inc. |
| 2020201422 | Canon Kabushiki Kaisha | 2020201490 | MFA Financial Holdings Pty Ltd |
| 2020201423 | Canon Kabushiki Kaisha | 2020201491 | Tata Consultancy Services Limited |
| 2020201424 | ESS Engineering Services & Supplies Pty Limited | 2020201492 | Aristocrat Technologies Australia Pty Limited |
| 2020201425 | Apple Inc. | 2020201493 | Vapotherm, Inc. |
| 2020201426 | Alkermes Pharma Ireland Limited | 2020201494 | FMC CORPORATION |
| 2020201427 | Canon Kabushiki Kaisha | 2020201495 | Biocompatibles UK Ltd. |
| 2020201428 | Fisher & Paykel Healthcare Limited | 2020201496 | Zimmer Biomet CMF and Thoracic, LLC |
| 2020201429 | F. Hoffmann-La Roche AG | 2020201497 | VASICEK, H.R. |
| 2020201430 | Canon Kabushiki Kaisha | 2020201498 | The Boeing Company |
| 2020201431 | Crystalgenomics, Inc. | 2020201499 | Alkermes, Inc. |

Complete Applications Filed - Numerical Index cont'd

2020201500 Omeros Corporation; University of Leicester
2020201501 Jusand Nominees Pty Ltd
2020201502 Cytec Industries Inc.
2020201503 BeulahWorks, LLC
2020201504 Barge's Belting Solutions Pty Ltd
2020201505 Precision Planting LLC
2020201506 Wang, J.
2020201507 Bayer CropScience; Bayer CropScience LP
2020201508 Hagie Manufacturing Company
2020201509 Medrobotics Corporation
2020201510 Johnson & Johnson Consumer Companies, Inc.
2020201511 Third Pole, Inc.
2020201512 Lauri, L.; Lauri, T.; Lauri, F.
2020201513 HONEYWELL INTERNATIONAL INC.
2020201514 Jayaram, N.
2020201515 Alexander, Z.
2020201517 HUYNH, C.
2020201518 ALSTOM Transport Technologies; Institut de Recherche
Technologique SystemX
2020201519 PakPot Pty Ltd
2020201520 Goldman Sachs & Co. LLC
2020201521 Tela Innovations, Inc.
2020201522 Northern Tool & Equipment Company, Inc.
2020201523 FISHER & PAYKEL HEALTHCARE LIMITED
2020201524 The Boeing Company
2020201525 APO-T B.V.
2020201526 Acceleron Pharma Inc.
2020201527 BrightGene Bio-Medical Technology Co., Ltd.
2020201528 Okta, Inc.
2020201529 YEH, T.I.
2020201530 BGC Partners, Inc.
2020201531 Flyingtee Tech, LLC
2020201532 Armstrong World Industries, Inc.
2020201533 HQ Wood Pty Ltd
2020201534 Graeme, D.
2020201536 Illinois Tool Works Inc.
2020201537 PARIS, J.
2020201538 TROPICANA BANANA PTY LIMITED
2020201539 Colgate-Palmolive Company; Omron Healthcare Co., Ltd
2020201541 Thales Management & Services Deutschland GmbH
2020201542 Royal Caribbean Cruises Ltd.
2020201543 Applied Medical Resources Corporation
2020201544 The Boeing Company
2020201545 Pride Mobility Products Corporation
2020201546 University of Virginia Patent Foundation
2020201547 Knight, R.
2020201548 Azura Ophthalmics Ltd.
2020201549 Hanifin, A.
2020201551 Boehringer Ingelheim Vetmedica GmbH
2020201552 GSW Creative Corporation
2020201553 FISHER & PAYKEL HEALTHCARE LIMITED
2020201554 QINGDAO UNIVERSITY OF TECHNOLOGY
2020201555 Nippon Suisan Kaisha, Ltd.
2020201556 Novartis AG

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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Feb 2020 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

| | | |
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| <hr/> <p>(71) AnBao Environmental Protection Technology Co., Ltd. (21) 2020100286 (22) 26.02.2020 (54) BIODEGRADABLE COATED PAPER AND DEVICE FOR PRODUCING SAME (62) PCT/CN2017/102420</p> <hr/> <p>(71) AnHui Sheng Xuan Vehicle Parts Co., Ltd. (21) 2020100271 (22) 25.02.2020 (54) MOUNTING AND FIXING STRUCTURE OF OUTER FRAME AND INNER FRAME OF WINDOW (31) 202020014913.X (32) 06.01.20 (33) CN</p> <hr/> <p>(71) Apple Inc. (21) 2020100243 (22) 19.02.2020 (54) Watchbands with hook and loop fasteners (62) PCT/US2018/041652</p> <hr/> <p>(71) Apple Inc. (21) 2020100281 (22) 26.02.2020 (54) Concentric architecture for optical sensing (62) PCT/US2018/050300</p> <hr/> <p>(71) Apple Inc. (21) 2020100285 (22) 26.02.2020 (54) User interfaces for subscription applications (31) 62/820,130 (32) 18.03.19 (33) US 62/822,944 24.03.19 US 16/585,542 27.09.19 US 16/585,555 27.09.19 US 16/585,569 27.09.19 US</p> <hr/> <p>(71) Apple Inc. (21) 2020100298 (22) 28.02.2020 (54) Optical image stabilization with voice coil motor for moving image sensor (62) 2019101055</p> <hr/> <p>(71) Apple Inc. (21) 2020100303 (22) 02.03.2020 (54) User interfaces for viewing live video feeds and recorded video (62) 2019100523</p> <hr/> <p>(71) Beijing SMTP Technology Co., Ltd. (21) 2020100304 (22) 02.03.2020 (54) ULTRASONIC OSTEOTOME BIT (62) PCT/CN2018/100141</p> <hr/> <p>BIAN, Y. see WU, D. (21) 2020100269</p> | <p>BIAN, Y. see WU, D. (21) 2020100270</p> <hr/> <p>(71) BISSELL Inc. (21) 2020100305 (22) 02.03.2020 (54) Air purifier in a furniture article (31) 16/299,561 (32) 12.03.19 (33) US</p> <hr/> <p>Chengdu Fenglan Technology Co.,Ltd see Sichuan New Hope Animal Husbandry Technology Co., Ltd. (21) 2020100242</p> <hr/> <p>Chengdu Fenglan Technology Co.,Ltd. see Sichuan New Hope Animal Husbandry Technology Co., Ltd. (21) 2020100252</p> <hr/> <p>(71) Chengdu University of Information Technology (21) 2020100261 (22) 24.02.2020 (54) THE QUANTUM SECRET INFORMATION DIRECT COMMUNICATION METHOD WITH MUTUAL AUTHENTICATION (31) 202010025033.7 (32) 10.01.20 (33) CN</p> <hr/> <p>(71) Chengdu University of Information Technology (21) 2020100264 (22) 24.02.2020 (54) A PRACTICAL ONE-WAY QUANTUM PRIVATE QUERY METHOD (31) 202010078271.4 (32) 03.02.20 (33) CN</p> <hr/> <p>(71) Chengdu University of Information Technology (21) 2020100265 (22) 24.02.2020 (54) A TWO-WAY QUANTUM PRIVATE QUERY METHOD BASED ON BELL STATES (31) 202010078254.0 (32) 03.02.20 (33) CN</p> <hr/> <p>(71) CHINA UNIVERSITY OF GEOSCIENCES (WUHAN) (21) 2020100250 (22) 20.02.2020 (54) Indoor stimulation test system for carbon dioxide blast cracking of hot dry rock (31) 201910481068.9 (32) 04.06.19 (33) CN</p> <hr/> <p>(71) CHINA UNIVERSITY OF GEOSCIENCES (WUHAN) (21) 2020100283 (22) 26.02.2020 (54) While-drilling type vibration energy harvester (31) CN201910145639.1(32) 27.02.19 (33) CN</p> | <hr/> <p>(71) CHINA UNIVERSITY OF GEOSCIENCES (WUHAN) (21) 2020100296 (22) 28.02.2020 (54) Wave displacement compensation device (31) CN201910338869.X(32) 25.04.19 (33) CN</p> <hr/> <p>(71) Dali University (21) 2020100292 (22) 27.02.2020 (54) A NANOGOLD DETECTION KIT FOR EARLY DIAGNOSIS OF TRICHINA INFECTION</p> <hr/> <p>(71) DaVinci II CSJ, LLC (21) 2020100259 (22) 24.02.2020 (54) Hinged shelf container (62) PCT/US2019/021835</p> <hr/> <p>de Richter, R. see Macdonald, J. (21) 2020100258</p> <hr/> <p>(71) EOS-ENVIRO/EOS Import and Export Ltd. (21) 2020100257 (22) 24.02.2020 (54) Denture Sterilization & Storage Device with mercury-free UVC LED</p> <hr/> <p>Ford, S. see Siemerink, R. (21) 2020100295</p> <hr/> <p>(71) FUDAN UNIVERSITY (21) 2020100279 (22) 25.02.2020 (54) Device and Method for Rapidly Removing Algal Blooms in Water Body</p> <hr/> <p>(71) FUZHOU AUTRAN INDUSTRIAL CO.,LTD (21) 2020100262 (22) 24.02.2020 (54) HINGE WITH AUTOMATIC TENSION ADJUSTMENT (31) 201920231287.7 (32) 25.02.19 (33) CN</p> <hr/> <p>(71) Geosentinel Holdings Pty Ltd (21) 2020100290 (22) 26.02.2020 (54) MOBILE WASHING APPARATUS FOR TRADES EQUIPMENT</p> <hr/> <p>(71) Hangzhou Baihe Clariant Pigments Co., Ltd.; Zhejiang Sci-Tech University (21) 2020100263 (22) 24.02.2020 (54) METHOD FOR PREPARING HYBRID ORGANIC PIGMENT POWDER WITH</p> |
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(54) Process to extract olive leaf's antioxidants, plus its anti-viral, anti-fungal and anti-bacterial compounds to manufacture either an olive leaf tincture, hand-wash gel, no-rinse hand sanitiser, and/or a hand soap.

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(71) Jiangsu Champion Technology Group Co., Ltd.
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(54) EXEMPT SOLVENT AND PREPARATION METHOD AND APPLICATION THEREOF

(71) Leming, G.
(21) 2020100288 (22) 26.02.2020
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(21) 2020100260 (22) 24.02.2020
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(71) Macdonald, J.; de Richter, R.; Tulip, R.
(21) 2020100258 (22) 24.02.2020

(54) Offshore wind turbines as a cooling mechanism for albedo enhancement

(71) MAX & WILS PTY. LTD.
(21) 2020100237 (22) 19.02.2020
(54) APPARATUS TO CREATE STEP LEVEL CHANGES IN CONCRETE BUILDING SLABS
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(71) Qilu University of Technology
(21) 2020100238 (22) 19.02.2020
(54) PROCESS FOR PREPARING PAPER-BASED MATERIAL BY ULTRASONIC-ASSISTED IONIC LIQUID TREATMENT OF ECF BLEACHED KRAFT PULP

(71) Qilu University of Technology
(21) 2020100246 (22) 19.02.2020
(54) METHOD FOR PREPARING ENRICHED XYLOBIOSE TO XYLOTETRAOSE FROM EUCALYPTUS HYDROTHERMAL PRETREATMENT LIQUID
(31) 201910151583.0 (32) 28.02.19 (33) CN

(71) Qilu University of Technology
(21) 2020100277 (22) 25.02.2020
(54) CELLULOSE NANOFIBRIL-BASED HYDROPHOBIC COMPOSITE FILM MATERIAL AND METHOD FOR PREPARING THE SAME
(31) 201910481635.0 (32) 04.06.19 (33) CN

(71) Qilu University of Technology
(21) 2020100293 (22) 27.02.2020
(54) MODIFIED NANO CELLULOSE FIBER AND PREPARATION METHOD AS WELL AS APPLICATION IN CATALYZING DEGRADATION OF METHYLENE BLUE
(31) 201910646538.2 (32) 17.07.19 (33) CN

(71) Qingdao Agricultural University
(21) 2020100291 (22) 27.02.2020
(54) PRECISION FERTILIZATION SYSTEM
(31) 201910186876.2 (32) 13.03.19 (33) CN

(71) Razer (Asia-Pacific) Pte. Ltd.
(21) 2020100266 (22) 24.02.2020
(54) Headphone driver

(71) Research Institute of Subtropical Forestry, Chinese Academy of Forestry
(21) 2020100239 (22) 19.02.2020
(54) METHOD FOR EVALUATING RESIN VALUE OF PINUS ELLIOTTII STAND BY USING NEAR-INFRARED SPECTROSCOPY
(31) 201911274422.7 (32) 12.12.19 (33) CN

(71) Roubanova, T.; Rubanov, A.
(21) 2020100273 (22) 25.02.2020
(54) IMPROVED FRAME WITH INBUILT STORAGE FOR TINY HOUSE ON WHEELS

Rubanov, A. see Roubanova, T.
(21) 2020100273

(71) SAS Systems Australia IP Pty Ltd
(21) 2020100244 (22) 19.02.2020
(54) IMPROVEMENTS IN SNAP FIT POSTS FOR FENCE PANELS BALUSTRADES AND THE LIKE
(62) 2016218930

(71) SAS Systems Australia IP Pty Ltd
(21) 2020100245 (22) 19.02.2020
(54) IMPROVEMENTS IN SNAP FIT POSTS FOR FENCE PANELS BALUSTRADES AND THE LIKE
(62) 2016218930

(71) Sattler, J.
(21) 2020100294 (22) 27.02.2020
(54) An improved fish hook
(31) 2019900720 (32) 05.03.19 (33) AU

(71) Shandong University of Science and Technology
(21) 2020100241 (22) 19.02.2020
(54) MULTI-SECTION-ANCHORING ROCK BOLT FOR MINING

(71) Shanghai Academy of Agricultural Sciences
(21) 2020100249 (22) 20.02.2020
(54) METHOD AND DEVICE FOR PREDICTING PRODUCT PRICE AND COMPUTER MEDIUM
(31) 201910347191.1 (32) 26.04.19 (33) CN

(71) Shanghai Ocean University
(21) 2020100306 (22) 02.03.2020
(54) Environmental Factors-based Forecasting Method for Cephalopod Fishing Grounds in Sea Area in North West Africa
(62) 2018325013

(71) ShangHai Ocean University
(21) 2020100301 (22) 29.02.2020
(54) METHOD AND SYSTEM FOR RECOGNIZING AND TRACING RIVER CRAB

Innovation Patent Applications Filed - Name Index cont'd

BASED ON COMPUTER IMPLEMENTED IMAGE RECOGNITION

(71) SHEN, W.
(21) 2020100254 (22) 21.02.2020
(54) A ride-booking vehicle signage holder for ride-booking vehicles

(71) Sichuan New Hope Animal Husbandry Technology Co., Ltd.; New Hope Liuhe Limited Liability Company; Chengdu Fenglan Technology Co.,Ltd
(21) 2020100242 (22) 19.02.2020
(54) WET-BASE FERMENTED FEED FOR PERINATAL SOW AND PREPARATION METHOD THEREOF
(31) 201910132863.7 (32) 22.02.19 (33) CN

(71) Sichuan New Hope Animal Husbandry Technology Co., Ltd.; New Hope Liuhe Limited Liability Company; Chengdu Fenglan Technology Co.,Ltd.
(21) 2020100252 (22) 21.02.2020
(54) METHOD FOR PRODUCING WET-BASE FERMENTED SOYBEAN MEAL BY USING MOVABLE PLATFORM, AND USE THEREOF IN FEED
(31) 201910131348.7 (32) 22.02.19 (33) CN

(71) Siemerink, R.; Ford, S.
(21) 2020100295 (22) 27.02.2020
(54) Colouring agents
(31) 2019901613 (32) 12.05.19 (33) AU
2019903267 05.09.19 AU

SONG, J. see WU, D.
(21) 2020100269

(71) SOUL & WOLF PTY LTD
(21) 2020100253 (22) 21.02.2020
(54) Automation of CMS Development for a Website or Web Application

(71) Southwest Petroleum University
(21) 2020100280 (22) 25.02.2020
(54) Testing Device for Measuring Rock Drillability

(71) SRG Global IP Pty Ltd
(21) 2020100268 (22) 24.02.2020
(54) FIBRE-IMBUED POST-TENSIONED SUSPENDED CONCRETE
(31) 2019900575 (32) 22.02.19 (33) AU

(71) The Water & Carbon Group Pty Ltd
(21) 2020100282 (22) 26.02.2020
(54) Testing Sludge Prior to Treatment and Re-use
(31) 2019900623 (32) 27.02.19 (33) AU

(71) Think Enterprises Limited
(21) 2020100255 (22) 21.02.2020
(54) GOALPOST LIGHTING POWER SUPPLY SYSTEM
(31) 751477 (32) 08.03.19 (33) NZ

(71) Think Enterprises Limited
(21) 2020100256 (22) 21.02.2020
(54) GOALPOST CLADDING
(31) 751477 (32) 08.03.19 (33) NZ

(71) Tooltries Pty Ltd
(21) 2020100300 (22) 28.02.2020
(54) ELASTOMERIC HOLDER
(62) 2016327445

Tulip, R. see Macdonald, J.
(21) 2020100258

(71) University of Science and Technology Beijing
(21) 2020100278 (22) 25.02.2020
(54) All-Solid Waste Filler for Stabilizing Dioxin-containing Incineration Fly Ash and Method for Preparing the Same

(71) University of Science and Technology of China
(21) 2020100284 (22) 26.02.2020
(54) Enrichment and Purification Device for Single Gas in Mixed Gas

(71) University of Science and Technology of China
(21) 2020100287 (22) 26.02.2020
(54) Sample Feed Device

(71) Uthanumallian, K.
(21) 2020100297 (22) 28.02.2020
(54) AI driven approach to evaluate and compare SaaS based enterprise CRM applications with industry specific data models to determine their fit for an organisation.

(71) VANADIA PTY LTD
(21) 2020100276 (22) 25.02.2020
(54) This is an extraction process which maximises resource utilisation by pre-concentrating vanadium oxides from overburden above a metal deposit and from vanadium-bearing iron ore deposits.
(62) 2019100569

(71) Vision Composite Products, LLC
(21) 2020100248 (22) 20.02.2020
(54) TWO PIECE WHEEL
(62) 2018313812

Wu, X. see Yang, Y.
(21) 2020100275

(71) WU, D.; SONG, J.; BIAN, Y.
(21) 2020100269 (22) 25.02.2020
(54) The SYSTEM AND PLATFORM OF WATER ECOLOGICAL COMPREHENSIVE COMPENSATION

(71) WU, D.; BIAN, Y.
(21) 2020100270 (22) 25.02.2020
(54) DYNAMIC SYSTEM FOR EPIDEMIC DISEASE OUTBREAK CONTROL WITH APPLICATION TO SPREADING PATTERNS SIMULATION AND EVALUATION

(71) Yang, Y.; Li, H.; Huang, S.
(21) 2020100274 (22) 25.02.2020
(54) A Multi-Scale Feature Fusion Network based on GANs for Haze Removal

(71) Yang, Y.; Wu, X.; Huang, S.
(21) 2020100275 (22) 25.02.2020
(54) Remote sensing image super-resolution based on multi-dictionary sparse representation with fractal classification

(71) Youg, G.
(21) 2020100247 (22) 20.02.2020
(54) Fishing Rod Accessory
(31) 2019900647 (32) 28.02.19 (33) AU

Zhejiang Sci-Tech University see Hangzhou Baihe Clariant Pigments Co., Ltd.
(21) 2020100263

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| 2020100237 | MAX & WILS PTY. LTD. | 2020100269 | WU, D.; SONG, J.; BIAN, Y. |
| 2020100238 | Qilu University of Technology | 2020100270 | WU, D.; BIAN, Y. |
| 2020100239 | Research Institute of Subtropical Forestry, Chinese Academy of Forestry | 2020100271 | AnHui Sheng Xuan Vehicle Parts Co., Ltd. |
| 2020100240 | Jiangsu Champion Technology Group Co., Ltd. | 2020100272 | Hurst, M. |
| 2020100241 | Shandong University of Science and Technology | 2020100273 | Roubanova, T.; Rubanov, A. |
| 2020100242 | Sichuan New Hope Animal Husbandry Technology Co., Ltd.; New Hope Liuhe Limited Liability Company; Chengdu Fenglan Technology Co.,Ltd | 2020100274 | Yang, Y.; Li, H.; Huang, S. |
| 2020100243 | Apple Inc. | 2020100275 | Yang, Y.; Wu, X.; Huang, S. |
| 2020100244 | SAS Systems Australia IP Pty Ltd | 2020100276 | VANADIA PTY LTD |
| 2020100245 | SAS Systems Australia IP Pty Ltd | 2020100277 | Qilu University of Technology |
| 2020100246 | Qilu University of Technology | 2020100278 | University of Science and Technology Beijing |
| 2020100247 | Youg, G. | 2020100279 | FUDAN UNIVERSITY |
| 2020100248 | Vision Composite Products, LLC | 2020100280 | Southwest Petroleum University |
| 2020100249 | Shanghai Academy of Agricultural Sciences | 2020100281 | Apple Inc. |
| 2020100250 | CHINA UNIVERSITY OF GEOSCIENCES (WUHAN) | 2020100282 | The Water & Carbon Group Pty Ltd |
| 2020100251 | ICM Airport Technics Australia Pty Ltd | 2020100283 | CHINA UNIVERSITY OF GEOSCIENCES (WUHAN) |
| 2020100252 | Sichuan New Hope Animal Husbandry Technology Co., Ltd.; New Hope Liuhe Limited Liability Company; Chengdu Fenglan Technology Co.,Ltd. | 2020100284 | University of Science and Technology of China |
| 2020100253 | SOUL & WOLF PTY LTD | 2020100285 | Apple Inc. |
| 2020100254 | SHEN, W. | 2020100286 | AnBao Environmental Protection Technology Co., Ltd. |
| 2020100255 | Think Enterprises Limited | 2020100287 | University of Science and Technology of China |
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| 2020100257 | EOS-ENVIRO/EOS Import and Export Ltd. | 2020100290 | Geosentinel Holdings Pty Ltd |
| 2020100258 | Macdonald, J.; de Richter, R.; Tulip, R. | 2020100291 | Qingdao Agricultural University |
| 2020100259 | DaVinci II CSJ, LLC | 2020100292 | Dali University |
| 2020100260 | LIN, J. | 2020100293 | Qilu University of Technology |
| 2020100261 | Chengdu University of Information Technology | 2020100294 | Sattler, J. |
| 2020100262 | FUZHOU AUTRAN INDUSTRIAL CO.,LTD | 2020100295 | Siemerink, R.; Ford, S. |
| 2020100263 | Hangzhou Baihe Clariant Pigments Co., Ltd.; Zhejiang Sci-Tech University | 2020100296 | CHINA UNIVERSITY OF GEOSCIENCES (WUHAN) |
| 2020100264 | Chengdu University of Information Technology | 2020100297 | Uthanumallian, K. |
| 2020100265 | Chengdu University of Information Technology | 2020100298 | Apple Inc. |
| 2020100266 | Razer (Asia-Pacific) Pte. Ltd. | 2020100299 | Hannay Douglas Pty Ltd |
| 2020100267 | Lewis Group Holdings Pty Ltd | 2020100300 | Tooletries Pty Ltd |
| 2020100268 | SRG Global IP Pty Ltd | 2020100301 | ShangHai Ocean University |
| | | 2020100302 | Hinson, B. |
| | | 2020100303 | Apple Inc. |
| | | 2020100304 | Beijing SMTP Technology Co., Ltd. |
| | | 2020100305 | BISSELL Inc. |
| | | 2020100306 | Shanghai Ocean University |

Applications with amended filing dates Reg 3.5(A).

2020200420 **Amazentis SA** The filing date has been amended to 29.01.2020

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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2004201630 (14) 2004202828 (14) 2004203051 (14)
2004203589 (14) 2004205217 (14)

2005
2005200237 (14) 2005201681 (14)

2013
2013101690 (22)

2014
2014100364 (22) 2014100838 (22) 2014100845 (22)
2014201191 (5C) 2014201741 (5C) 2014202264 (5C)
2014212439 (5C) 2014237597 (5C) 2014238118 (5C)
2014238160 (5C) 2014248972 (5C) 2014249370 (5C)
2014249388 (5C) 2014250772 (5C) 2014253675 (5C)
2014262647 (5C) 2014265471 (5C) 2014268476 (5C)
2014304079 (5C) 2014305883 (5C) 2014315620 (25D)
2014337121 (5C) 2014357518 (5C)

2015
2015100885 (22) 2015200861 (5C) 2015201167 (5C)
2015202458 (5C) 2015203171 (5C) 2015203396 (5C)
2015210416 (5C) 2015236516 (5C) 2015266901 (5C)
2015270334 (5C) 2015277142 (5C) 2015289591 (5C)
2015300971 (5C) 2015330399 (5C) 2015361064 (5C)
2015372436 (5C) 2015382374 (1B) 2015415755 (5C)

2016
2016201446 (1B) 2016202584 (5C) 2016228331 (1B)
2016228599 (1B) 2016228888 (1B) 2016229060 (1B)
2016229087 (1B) 2016231259 (1B) 2016233595 (1B)
2016236831 (1B) 2016236908 (1B) 2016236915 (1B)
2016240395 (1B) 2016242884 (25D) 2016254680 (5C)
2016266806 (12C) 2016269149 (12C) 2016291241 (5C)
2016291242 (5C) 2016305549 (5C) 2016307408 (5C)
2016308161 (5C) 2016310593 (1B) 2016312408 (1B)
2016318559 (5C) 2016327335 (5C) 2016331660 (1B)
2016331908 (1B) 2016332704 (1B) 2016334863 (5C)
2016337227 (5C) 2016346538 (5C) 2016355723 (1B)
2016361412 (1B) 2016361414 (1B) 2016361428 (1B)
2016369623 (5C) 2016374017 (5C) 2016376843 (5C)
2016385386 (5C) 2016386030 (1B) 2016386036 (5C)
2016393065 (5C)

2017
2017204780 (5C) 2017205701 (1B) 2017207540 (1B)
2017208044 (1B) 2017218945 (5C) 2017219030 (5C)
2017228661 (5C) 2017229287 (5C) 2017238200 (5C)
2017244072 (5C) 2017245259 (5C) 2017245330 (5C)
2017256308 (5C) 2017258912 (5C) 2017259506 (25D)
2017265139 (5C) 2017276219 (5C) 2017276353 (5C)
2017281894 (5C) 2017299295 (25D) 2017374056 (25D)
2017377670 (5C)

2018
2018200283 (5C) 2018200417 (5C) 2018200446 (5C)
2018201147 (5C) 2018201174 (5C) 2018201424 (5C)
2018201599 (5C) 2018201654 (5C) 2018201704 (5C)
2018201790 (5C) 2018201877 (5C) 2018202007 (5C)
2018202051 (5C) 2018202777 (5C) 2018203074 (5C)
2018203201 (5C) 2018203369 (5C) 2018204533 (5C)
2018204580 (5C) 2018204666 (5C) 2018205083 (5C)
2018205169 (5C) 2018206780 (5C) 2018213995 (5C)
2018214119 (5C) 2018214130 (25D) 2018217244 (5C)
2018220108 (5C) 2018226486 (5C) 2018232934 (5C)
2018267605 (5C)

2019
2019100478 (21F) 2019101122 (16AN) 2019101595 (18AN)
2019229337 (1B) 2019279899 (1B) 2019279908 (1B)
2019279918 (1B) 2019279922 (1B) 2019279925 (1B)

2019900627 (12AN) 2019900754 (12AN)

2020

2020900346 (12AN) 2020900507 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2020

2020100201 **Benson, D.; Benson, L.** Provisional Number:
2020900612

Assignments before Grant, Section 113

2014

2014375404 **CureVac AG** The application has been assigned to **CureVac Real Estate GmbH**

2015

2015266897 **Insys Pharma, Inc.** The application has been assigned to **Fresh Cut Development, LLC**

2015273933 **CureVac AG** The application has been assigned to **CureVac Real Estate GmbH**

2015359590 **Innovations4Flooring Holding N.V.** The application has been assigned to **I4F LICENSING NV**

2016

2016241383 **Attar, Ishay** The application has been assigned to **Biochange Ltd**

2016267585 **Insys Development Company, Inc.** The application has been assigned to **Fresh Cut Development, LLC**

2016335888 **Union Carbide Chemicals & Plastics Technology LLC; Rohm and Haas Company** The application has been assigned to **Union Carbide Corporation; Rohm and Haas Company**

2016386385 **Santos, Rita Josefina M.; Mendoza, Wendell G.; Dee, Kennie U.** The application has been assigned to **Novex Science PTE Limited**

2017

2017219994 **Orsus Medical Limited** The application has been assigned to **Afon Technology Limited**

2017223831 **Smart-Edge.com, Inc.** The application has been assigned to **Intel Corporation**

2017227332 **Tohoku University; RenaScience Co., Ltd.** The application has been assigned to **RenaScience Co., Ltd.**

2017248522 **Zabloski, Matthew** The application has been assigned to **Kelo Designs Inc.**

2017265723 **Japan Science and Technology Agency** The application has been assigned to **OriCiro Genomics, Inc.**

Assignments before Grant, Section 113

2017367569 **Union Carbide Chemicals & Plastics Technology LLC; Rohm and Haas Company** The application has been assigned to **Union Carbide Corporation; Rohm and Haas Company**

2017428907 **ZP Opco, Inc.** The application has been assigned to **Zosano Pharma Corporation**

2018

2018203180 **Borkholder, Carl** The application has been assigned to **GEN-Y CREATIONS, LLC**

2018203184 **Borkholder, Carl** The application has been assigned to **GEN-Y CREATIONS, LLC**

2018203224 **Borkholder, Carl** The application has been assigned to **GEN-Y CREATIONS, LLC**

2018204943 **Greyrock Energy, Inc.** The application has been assigned to **Greyrock Technology, LLC**

2018230528 **Mandak Holdings, LLC** The application has been assigned to **Nitrocrete IP, LLC**

2019

2019203049 **Innovations4Flooring Holding N.V.** The application has been assigned to **I4F LICENSING NV**

2019900515 **Clipex IP Limited** The application has been assigned to **Olson, Dean**

2019901586 **Pareezer, Stephen** The application has been assigned to **Safe Case Technologies Pty Ltd**

2020

2020200552 **Anderson, Jed; Lundgreen, David; Harper, Jason** The application has been assigned to **Progress Mfg. Inc.**

Extensions of Time, Section 223

Applications Received

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

2006

2006238727 **Welch, R.** An application to extend the time from 31 Mar 2018 to 31 Aug 2019 in which to pay a renewal fee has been filed . Address for service - Smoorenburg Patent and Trade Mark Attorneys PO Box 515 RINGWOOD VIC 3134 AU

2010

2010325968 **Vidyo, Inc.** An application to extend the time from 02 Dec 2018 to 02 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

Extensions of Time, Section 223

2011

2011276939 **Manrex Pty. Ltd.** An application to extend the time from 04 Jul 2019 to 04 Mar 2020 in which to pay a renewal fee has been filed . Address for service - H J Rantzen 85 John Street Woollahra NSW 2025 AU

2011303420 **Advinus Therapeutics Limited** An application to extend the time from 09 Sep 2018 to 09 Dec 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011306358 **Advinus Therapeutics Limited** An application to extend the time from 22 Sep 2018 to 22 Dec 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013

2013101089 **Watchman, A.** An application to extend the time from 13 Aug 2019 to 13 Mar 2020 in which to pay a renewal fee has been filed . Address for service - Alan Watchman 1 Ross CT Coromandel Valley SA 5051 AU

2015

2015201503 **IVR Group Pty Ltd** An application to extend the time from 23 Mar 2019 to 23 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

2016

2016100856 **The Trustee for MY GREAT IDEA TRUST** An application to extend the time from 11 Jun 2019 to 11 Jan 2020 in which to pay a renewal fee has been filed . Address for service - The Trustee for MY GREAT IDEA TRUST 29B Archibald Road Balcatta WA 6021 AU

2018

2018204068 **Hatzikakidis, D.** An application to extend the time from 11 Jun 2019 to 11 Mar 2020 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2012

2012101872 **Jones, P.** The time in which to gain certification has been extended to 12 Apr 2020 . Address for service - Patrick Xavier Jones 310 Nambour-Mapleton Road Nambour QLD 4560 AU

2015

2015100880 **Lin, P.** The time in which to pay a renewal fee has been extended to 02 Sep 2019 . Address for service - Collison & Co 117 King William St Adelaide SA 5000 AU

2015200207 **Tapre, V.** The time in which to gain acceptance and pay the continuation fee has been extended to 18 Mar 2020 . Address for service - Vishal Tapre 50 Northampton Drive Glenfield NSW 2167 AU

2015233498 **Ocado Innovation Limited** The time in which to gain acceptance and pay the continuation fee has been extended to 18 Jul 2020 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

Extensions of Time, Section 223

2017

2017100309 **Fred IT Group Pty Ltd** The time in which to pay a renewal fee has been extended to 17 Oct 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017101733 **BILBOROUGH, C.R.** The time in which to pay a renewal fee has been extended to 11 Dec 2019 . Address for service - Stellar Law Pty Ltd Level 5 115 Pitt Street Sydney NSW 2000 AU

2017230721 **Conocophillips Company; Jin, Ge; Swan, Herbert W.; Roy, Baishali; Krueger, Kyle R.** Th time in which to enter the National Phase has been extended to 09 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017230727 **Conocophillips Company; Jin, Ge; Mosher, Charles C.; Filice, Frank P.; Krueger, Kyle R.; Tura, Ali; Roy, Baishali; Jurick, Dana M.** The time in which to enter the National Phase has been extended to 09 Nov 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017259506 **Memjet Technology Limited** The time in which to pay the acceptance fee has been extended to 07 Mar 2020 . Address for service - Memjet Technology Limited 6-8 Lyon Park Road North Ryde NSW 2113 AU

2017345719 **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

2018220150 **NovImmune S.A.** The time in which to pay a continuation fee has been extended to 03 Nov 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018229501 **Excalibur IP, LLC** The time in which to pay a continuation fee has been extended to 14 Oct 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019229337 **Reading Doctor Pty Ltd** The time in which to request Examination has been extended to 18 Dec 2019 . Address for service - Stephen Worthley 15 Trent St Glen Iris VIC 3146 AU

2019264570 **Evolve Skateboards Pty Ltd** The time in which to comply with a direction under Reg 3.2A has been extended to 15 Feb 2020 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

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

Amendments

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

2010

2010223134 Friction bolt **Sandvik Intellectual Property AB** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2020 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2012

2012202670 Plant Treatment Material **NINE IP LIMITED** The nature of the amendment is as shown in the statement(s) filed 18 Feb 2020 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2014

2014201866 A FISH STOCK PROTECTION SYSTEM **Huon Aquaculture Group Limited** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2020 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2014202615 LIGHT WEIGHT BOOSTER SEAT IMPROVEMENTS **Britax Childcare Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2020 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2014215622 In-line tie articles and methods of manufacture and use **Bedford Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2020 . Address for service - Acacia Law PO BOX 1279 Milton QLD 4064 AU

2015

2015274297 Flame resistant fabric having high tenacity long staple yarns **Southern Mills, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2016

2016203233 CASSETTE SYSTEM INTEGRATED APPARATUS **DEKA Products Limited Partnership** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2016238269 Force actuated gripping device for an implantable prosthesis **C.R. Bard, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Feb 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016304440 GDF-15 as a haematological toxicity biomarker **Novartis AG** 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

2016305103 Single-molecule sequencing of plasma DNA **The Chinese University of Hong Kong** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2020 . Address for service - Griffith Hack Level 29 Northpoint 100 Miller Street Sydney NSW 2060 AU

2016314546 Pharmaceutical composition used for reducing localised fat and use of pharmaceutical composition **Caliway Biopharmaceuticals Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 26

Amendments

Feb 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016382055 Single-stranded nucleic acid molecule inhibiting expression of prerenin gene or prerenin receptor gene, and use thereof **National University Corporation Hokkaido University ; Tokyo Medical University ; Bonac Corporation** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018

2018201073 Therapeutic nuclease compositions and methods **University of Washington** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

Amendments Made

2005

2005218018 **Trail, M.** The nature of the amendment is as shown in the statement filed 19 Sep 2019

2006

2006207859 **CRUISEMASTER AUSTRALIA PTY LTD** The nature of the amendment is as shown in the statement filed 12 Oct 2018

2012

2012283387 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statements filed 23 Sep 2019 and 04 Nov 2019

2014

2014369446 **Astex Therapeutics Limited** The nature of the amendment is as shown in the statement filed 23 Oct 2019

2015

2015203395 **Chessor, C.** The nature of the amendment is as shown in the statement filed 17 Jul 2019

2015204037 **The Coca-Cola Company** The nature of the amendment is: Amend the name of the inventor to read Sawhney, Davinder and Snowden, Christopher Paul

2015333576 **Conveyor Manufacturers Australia Pty Ltd** The nature of the amendment is as shown in the statement filed 05 Dec 2019

2015371136 **Rhodia Operations** The nature of the amendment is as shown in the statement filed 29 Nov 2019

2015374063 **ServiceNow, Inc.** The nature of the amendment is as shown in the statement filed 23 Oct 2019

2016

2016265729 **Subsea 7 Limited** The nature of the amendment is as shown in the statement filed 21 Feb 2020

2016265734 **Hozelock Limited** The nature of the amendment is as shown in the statement filed 03 Dec 2019

Amendments

2016334378 **3M Innovative Properties Company; Radius Health, Inc.** The nature of the amendment is: Amend the name of the inventor to read Hattersley, Gary; Harris, Alan; Saeh, Jamal; Hamed, Ehab; Brown, Kenneth; Dohmeier, Daniel; Moseman, Joan; Zhang, Yang and Dick, Lisa

2017

2017253674 **3M Innovative Properties Company; Radius Health, Inc.** The nature of the amendment is: Amend the name of the inventor to read Hattersley, Gary; Harris, Alan; Saeh, Jamal; Hamed, Ehab; Brown, Kenneth; Dohmeier, Daniel; Moseman, Joan; Zhang, Yang and Dick, Lisa

2017315414 **Sangamo Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 27/28 Feb 2019

2017316709 **Cancer Research Technology Limited** The nature of the amendment is: Amend the name of the inventor to read Burn, John; Alhilal, Mohammed Ghanim Mehdi; Santibanez-Koref, Francisco Mauro; Redford, Lisa and Jackson, Michael Stewart

2017369030 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2017101876

2017382441 **Icahn School of Medicine at Mount Sinai** The nature of the amendment is: Amend the name of the inventor to read Sinclair, Catherine F.; Ulkatan, Sedat and Tellez Garbayo, Maria Jose

2018

2018200850 **Bayer Pharma Aktiengesellschaft** The nature of the amendment is as shown in the statement filed 28 Nov 2019

2018201891 **Fisher & Paykel Healthcare Limited** The nature of the amendment is: Amend the invention title to read PRESSURE RELIEF ARRANGEMENT FOR OPEN SURGERY INSUFFLATION SYSTEM

2018202694 **Global Esprit Inc.** The nature of the amendment is: Amend the invention title to read Nose Clip Structure

2018207658 **PPG Industries Ohio, Inc.** The nature of the amendment is: Amend the name of the inventor to read Witt-Sanson, Christelle and Kondziolka, Grzegorz

2018211811 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Metallic Coated Steel Product

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

2018245331 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Control system for a work vehicle, method for setting trajectory of work implement, and work vehicle

2018260998 **Voyager Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 25 Feb 2020

2018261790 **Voyager Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 25 Feb 2020

Amendments

2018275568 **The Coca-Cola Company** The nature of the amendment is: Amend the name of the inventor to read Prakash, Indra; Ma, Gil; Higiro, Juvonal and Tan, Xiaoliang

2018279787 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Dye, Alan C.; Ive, Jonathan P.; Souza Dos Santos, Andre; Behzadi, Arian; Manzari, Behkish J.; Sorrentino III, Billy; Hermans, Caroline; Irani, Cyrus Daniel; Preston, Daniel Trent; Harris, Elliott; Kim, Emilie; Cao, Frederic; Johnson, Garrett; Paul, Grant; Brasket, Jeffrey A.; Malia, Joseph A.; Bereza, Marek and Pivonka, Pavel

2018289490 **Evoqua Water Technologies LLC** The nature of the amendment is: Amend the name of the inventor to read Griffis, Joshua; Dukes, Simon Paul; Liang, Li-Shiang; William, Lane and Lim, Kris Wy Loon

2018297667 **Evolucare Technologies** The nature of the amendment is: Amend the invention title to read System, device and process for the personalised health monitoring of one or more patients at risk

2018298136 **Technip Process Technology, Inc.** The nature of the amendment is as shown in the statement filed 20 Feb 2020

2018299826 **Amadeus SAS** The nature of the amendment is: Amend the name of the inventor to read LOPEZ RUIZ, Eduardo Rafael; GUILLON, Nicolas; KRION, Paul; OESTERLE, Jürgen; STÄMMLER, Martin; VON SCHLEDORN, Martin; BILDNER, Sebastian and STARK, Thomas

2018300963 **Hirotsu Bio Science Inc.; Nanpuh Hospital** The nature of the amendment is: Amend the name of the inventor to read HIROTSU, Takaaki and YOSHINAGA, Takuma

2018315436 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read TIME-DOMAIN STEREO ENCODING AND DECODING METHOD AND RELATED PRODUCT

2018316918 **Ishida Co., Ltd.** The nature of the amendment is: Amend the invention title to read PRODUCT PROCESSING APPARATUS

2018318386 **Medtrade Products Limited** The nature of the amendment is as shown in the statement filed 19 Feb 2020

2018327734 **Ishihara Sangyo Kaisha, Ltd.; Sumitomo Chemical Company, Limited** The nature of the amendment is: Amend the invention title to read Fungicide composition and method for controlling disease of crop

2018336236 **NEC Corporation** The nature of the amendment is: Amend the invention title to read COLLATION SYSTEM

2018338030 **NEC Corporation** The nature of the amendment is: Amend the invention title to read COLLATION SYSTEM

2018402914 **Qingdao Haier Co., Ltd.** The nature of the amendment is: Amend the invention title to read Refrigerator, duct assembly and duct fixture

2018402915 **Qingdao Haier Co., Ltd.** The nature of the amendment is: Amend the invention title to read Recessed refrigerator

2018403930 **Qingdao Haier Co., Ltd.** The nature of the amendment is: Amend the invention title to read Refrigerator, refrigerator door and rotatable storage rack

Amendments

2019

2019100891 **Intex Holdings Pty Ltd** The nature of the amendment is as shown in the statement filed 27 Nov 2019

2019202153 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is as shown in the statement filed 19 Feb 2020

2019243241 **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

2019243242 **CJ Cheiljedang Corporation** The nature of the amendment is: Amend the invention title to read Microorganism Having Increased Glycine Productivity And Method For Producing Fermented Composition Using The Same

2019246771 **Wright Medical Technology, Inc.** The nature of the amendment is: Amend the name of the inventor to read LUTTRELL, Paul; MULLER, Erin; FREE, Daniel E.; WOODARD, Joseph Ryan and MOORE, Jesse

2019246867 **Juul Labs, Inc.** The nature of the amendment is: Amend the name of the inventor to read MONSEES, James; BOWEN, Adam; HATTON, Cole; CHRISTENSEN, Steven; ATKINS, Ariel; LOMELI, Kevin; HIBMACRONAN, Christopher Nicholas and MORENSTEIN, Joshua

2020

2020201110 **Iconic Fan Company Pty Ltd** The nature of the amendment is: Amend the invention title to read Air Circulation Apparatus with Light

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

2005

2005201611 Amcor Packaging (New Zealand) Limited The name of the patentee has been altered to **Orora Packaging New Zealand Limited**

2005258137 Scientific-Atlanta, Inc. The name of the patentee has been altered to **Scientific-Atlanta, LLC.**

2010

2010238851 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2010339379 Caliber Therapeutics, Inc. The name of the patentee has been altered to **Caliber Therapeutics, LLC**

2011

2011221218 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2012

2012101300 THE LIDO GROUP PTY LTD The name of the patentee has been altered to **HRS AUSTRALASIA PTY LTD**

2013

2013101137 BSP Enterprises Pty Ltd The name of the patentee has been altered to **BSP Enterprises Pty Ltd**

Amendments

2013205133 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2013205147 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2013230564 Actuant Corporation The name of the patentee has been altered to **Enerpac Tool Group Corp.**

2013258396 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2014

2014100132 Amcor Packaging (New Zealand) Limited The name of the patentee has been altered to **Orora Packaging New Zealand Limited**

2014100133 Amcor Packaging (New Zealand) Limited The name of the patentee has been altered to **Orora Packaging New Zealand Limited**

2014202452 Caliber Therapeutics, Inc. The name of the patentee has been altered to **Caliber Therapeutics, LLC**

2014204451 CoDa Therapeutics, Inc. The name of the patentee has been altered to **Ocunexus Therapeutics, Inc.**

2014205084 Actuant Corporation The name of the patentee has been altered to **Enerpac Tool Group Corp.**

2014292216 Evonik Degussa GmbH ; Magotteaux International S.A. The name of the patentee has been altered to **Magotteaux International S.A.; Evonik Operations GmbH**

2014363601 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2014363890 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2014366513 Lubrizol Specialty Products, Inc. The name of the patentee has been altered to **LiquidPower Specialty Products Inc.**

2015

2015217822 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2015280078 Actuant Corporation The name of the patentee has been altered to **Enerpac Tool Group Corp.**

2015314514 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2015318578 Actuant Corporation The name of the patentee has been altered to **Enerpac Tool Group Corp.**

2015346657 Forge Life Science, LLC The name of the applicant has been altered to **Evrys Bio, LLC**

Amendments

- 2015353391 Actuant Corporation The name of the patentee has been altered to **Enerpac Tool Group Corp.**
- 2015366559 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**
- 2015371376 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2015371457 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**

2016

- 2016202636 Caliber Therapeutics, Inc. The name of the patentee has been altered to **Caliber Therapeutics, LLC**
- 2016202710 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**
- 2016257593 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2016262715 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2016319066 UCL Business plc The name of the applicant has been altered to **UCL BUSINESS LTD**
- 2016333440 Evonik Degussa GmbH ; DSM IP Assets B.V. The name of the applicant has been altered to **Evonik Operations GmbH; DSM IP Assets B.V.**
- 2016354296 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2016354298 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2016360386 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2016387829 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2017**
- 2017225072 Caliber Therapeutics, Inc. The name of the patentee has been altered to **Caliber Therapeutics, LLC**
- 2017290407 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2017297752 Evonik Degussa GmbH ; DSM IP Assets B.V. The name of the applicant has been altered to **Evonik Operations GmbH; DSM IP Assets B.V.**
- 2017297760 Evonik Degussa GmbH ; DSM IP Assets B.V. The name of the applicant has been altered to **Evonik Operations GmbH; DSM IP Assets B.V.**

Amendments**2018**

- 2018200326 CoDa Therapeutics, Inc. The name of the applicant has been altered to **Ocunexus Therapeutics, Inc.**
- 2018222353 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2018222981 Actuant Corporation The name of the applicant has been altered to **Enerpac Tool Group Corp.**
- 2018231364 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2018231369 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2018231370 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**
- 2018241199 Actuant Corporation The name of the applicant has been altered to **Enerpac Tool Group Corp.**
- 2018247352 Actuant Corporation The name of the patentee has been altered to **Enerpac Tool Group Corp.**
- 2018260194 4JET Microtech GmbH & Co. KG The name of the applicant has been altered to **4JET microtech GmbH**
- 2018308379 Sea Tel, Inc. (d/b/a) Cobham SATCOM The name of the applicant has been altered to **Sea Tel, Inc. (D/B/A Cobham Satcom)**
- 2018311054 TrellisWare Technologies, Inc.; Marcus T. Urie ; Ryan P. McCourt ; Cenk Köse; Ketih M. Chugg The name of the applicant has been altered to **TrellisWare Technologies, Inc.**
- 2018311059 Vitro Flat Glass LCC The name of the applicant has been altered to **Vitro Flat Glass LLC**
- 2018313312 CO2Gro, Inc. The name of the applicant has been altered to **CO2 GRO Inc.**
- 2019**
- 2019202426 Optos PCL The name of the applicant has been altered to **Optos PLC**
- 2019202994 Caliber Therapeutics, Inc. The name of the applicant has been altered to **Caliber Therapeutics, LLC**
- 2019904758 Patio Link Pty Ltd The name of the applicant has been altered to **Veronika, K.**
- 2020**
- 2020900248 Smith, Mark David The name of the applicant has been altered to **Smith, M.**
- 2020900427 Packaged Dangerous Goods Pty Ltd The name of the applicant has been altered to **Packaged Dangerous Goods Guide Pty Ltd**

Amendments

2020900452 THEOAN ENERGY PTY LTD The name of the applicant
has been altered to **Dobson, R.**

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

(71) AbbVie Inc.
 (11) AU-A-2020201390
 (21) 2020201390 (22) 26.02.2020
 (54) Novel tricyclic compounds
 (51) Int. Cl.
C07D 487/14 (2006.01)
A01N 43/58 (2006.01)
 (43) 12.03.2020
 (62) 2018201663
 (72) WISHART, Neil; ARGIRIADI, Maria A.; CALDERWOOD, David J.; ERICSSON, Anna M.; FIAMENGO, Bryan A.; FRANK, Kristine E.; FRIEDMAN, Michael; GEORGE, Dawn M.; GOEDKEN, Eric R.; JOSEPHSOHN, Nathan S.; LI, Biqin C.; MORYTKO, Michael J.; STEWART, Kent D.; VOSS, Jeffrey W.; WALLACE, Grier A.; WANG, Lu; WOLLER, Kevin R.
 (74) Spruson & Ferguson

(71) Abrahmsohn, G.
 (11) AU-A-2020201256
 (21) 2020201256 (22) 21.02.2020
 (54) HYPERTONIC ANTIMICROBIAL THERAPEUTIC COMPOSITIONS
 (51) Int. Cl.
A61K 8/43 (2006.01)
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A61Q 19/00 (2006.01)
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 (72) Abrahmsohn, Glenn
 (74) Madderns Pty Ltd

(71) Accenture Global Solutions Limited
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 (21) 2019210617 (22) 01.08.2019
 (54) INTELLIGENT CASE MANAGEMENT PLATFORM
 (51) Int. Cl.
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 (31) 16/107,520 (32) 21.08.18 (33) US
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 (72) GUPTA, Anshul; THOMAS, Annie; GHOSH, Subhajit
 (74) Murray Trento & Associates Pty Ltd

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 (54) AUTOMATION PLAN GENERATION AND TICKET CLASSIFICATION FOR AUTOMATED TICKET RESOLUTION
 (51) Int. Cl.
G06Q 10/06 (2012.01)
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 (72) GHOSH, Bhaskar; SEKHAR, Mohan; PRASAD, Rajendra T.; HIGGINS, Luke; VIJAYARAGHAVAN, Koushik; NAGARAJAN, Rajesh; JAGANATHAN, Purnima; SHAFFI, Niyaz; VENKATESWARAN, Balaji; MOHAMMED YUSUF, Syed; JANA, Koustuv; SENAPATI, Pradeep
 (74) Murray Trento & Associates Pty Ltd

(71) Adams IP Pty Ltd
 (11) AU-A-2018220113
 (21) 2018220113 (22) 23.08.2018
 (54) BATTERY HOLDER
 (51) Int. Cl.
H01M 2/02 (2006.01)
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 (72) Adams, Darren Barry; Adams, Annette Marie
 (74) Watermark Intellectual Property Pty Ltd

(71) Adhesive Construction Technology Australia Pty Ltd
 (11) AU-A-2019219811
 (21) 2019219811 (22) 22.08.2019
 (54) Tile Positioning Device
 (51) Int. Cl.
E04F 21/00 (2006.01)
 (31) 2018903124 (32) 24.08.18 (33) AU
 (43) 12.03.2020
 (72) Morrow, Colin
 (74) Michael Buck IP

Aegea Biotechnologies see Biocept, Inc.
 (21) 2020201291

(71) Allflex Australia Pty Limited
 (11) AU-A-2020201382
 (21) 2020201382 (22) 26.02.2020
 (54) ANIMAL IDENTIFICATION SYSTEMS
 (51) Int. Cl.
A01K 11/00 (2006.01)
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 (72) Wilkinson, Benjamin Thomas John; Gunston, Patrick Bernard; Clayton, Brian Antony; Finlayson, Frank John
 (74) Ellis Terry

(71) Altro Building Systems
 (11) AU-A-2020201315
 (21) 2020201315 (22) 21.02.2020
 (54) MOUNT ASSEMBLY FOR DOOR JAMBS
 (51) Int. Cl.
E06B 1/56 (2006.01)
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 (72) Horsfall, Gregory David
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 (54) Methods of treating or preventing cholesterol related disorders
 (51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
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 (74) Shelston IP Pty Ltd.

(71) Amgen Inc.
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 (54) Combination therapy including an MDM2 inhibitor and one or more additional pharmaceutically active agents for the treatment of cancers
 (51) Int. Cl.
A61K 31/437 (2006.01)
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A61K 31/506 (2006.01)
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 (74) Shelston IP Pty Ltd.

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 (54) Assembly method for a printed circuit board electrical connector
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 (74) Griffith Hack

(71) Apple Inc.
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 (21) 2020201211 (22) 20.02.2020
 (54) Portable computer unified top case

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G06F 1/16 (2006.01)
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 (72) Theobald, Matthew; Ive, Jonathan P.; Andre, Bartly K.; Stringer, Christopher; Coster, Daniel J.; Raff, John; Hopkinson, Ron; Brock, John; Ligtenberg, Chris; Goldberg, Michelle Rae
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020201212
 (21) 2020201212 (22) 20.02.2020
 (54) Adaptive color space transform coding
 (51) Int. Cl.
H04N 19/122 (2014.01)
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H04N 19/196 (2014.01)
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 (72) TOURAPIS, Alexandros
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020201306
 (21) 2020201306 (22) 21.02.2020
 (54) Implementation of biometric authentication
 (51) Int. Cl.
G06K 9/00 (2006.01)
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 (62) 2018279788
 (72) VAN OS, Marcel; ABBASIAN, Reza; ANTON, Peter D.; BEHZADI, Arian; BERNSTEIN, Jeffrey Traer; DASCOLA, Jonathan R.; DEVINE, Lynne; DRYER, Allison; FOSS, Christopher Patrick; GRIFFIN, Bradley W.; LEMMENS, Cas; MALIA, Joseph A.; MARI, Pedro; MOHSENI, Daamun; MOUILLESEAUX, Jean-Pierre M.; MOUSSETTE, Camille; PAUL, Grant; PRESTON, Daniel Trent; PUGH, Chelsea E.; SHARMA, Praveen; TYLER, William M.; VERWEIJ, Hugo; YING, Charles H.; YERKES, Giancarlo; DYE, Alan C.; IVE, Jonathan P.
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2020201357
 (21) 2020201357 (22) 25.02.2020
 (54) Multifunctional surgical access system
 (51) Int. Cl.
A61B 17/34 (2006.01)
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 (43) 12.03.2020
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 (72) ALBRECHT, Jeremy J.; NGUYEN, Eric; JOHNSON, Gary M.; BECERRA, Matthew M.; BRUSTAD, John R.; SAKAKINE, Ghassan
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2019219795

(21) 2019219795 (22) 22.08.2019
 (54) GAMING MACHINE AND METHOD FOR EVALUATING PLAYER REACTIONS
 (51) Int. Cl.
G06K 9/46 (2006.01)
A63F 13/40 (2014.01)
 (31) 16/109,298 (32) 22.08.18 (33) US
 (43) 12.03.2020
 (72) SCHWARTZ, Gregory
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2019219796
 (21) 2019219796 (22) 22.08.2019
 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING GESTURE-BASED PLAYER CONSTRUCTED SYMBOL COMBINATIONS
 (51) Int. Cl.
A63F 13/40 (2014.01)
A63F 13/30 (2014.01)
G07F 17/32 (2006.01)
 (31) 16/109,362 (32) 22.08.18 (33) US
 (43) 12.03.2020
 (72) CASH-SILVA, Jana
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2020201269
 (21) 2020201269 (22) 21.02.2020
 (54) ZERO WEIGHT ARTICULATING ACCESS DOOR
 (51) Int. Cl.
E05D 7/08 (2006.01)
E05D 13/00 (2006.01)
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G07F 17/32 (2006.01)
 (43) 12.03.2020
 (62) 2018204322
 (72) BARBOUR, Timothy Francis; BIONDO, Dominic S.
 (74) Griffith Hack

(71) AstraZeneca AB
 (11) AU-A-2020201277
 (21) 2020201277 (22) 21.02.2020
 (54) METHODS FOR INCREASING FORCED EXPIRATORY VOLUME IN ASTHMATICS USING BENRALIZUMAB
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
G01N 33/48 (2006.01)
 (43) 12.03.2020
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 (72) Ward, Christine; Roskos, Lorin; Wang, Bing; Raible, Donald
 (74) Phillips Ormonde Fitzpatrick

(71) AstraZeneca AB
 (11) AU-A-2020201327
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(54) METHODS FOR REDUCING EXACERBATION RATES OF ASTHMA USING BENRALIZUMAB
 (51) Int. Cl.
A61K 39/00 (2006.01)
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G01N 33/48 (2006.01)
 (43) 12.03.2020
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 (72) Ward, Christine; Roskos, Lorin; Wang, Bing; Raible, Donald
 (74) Phillips Ormonde Fitzpatrick

(71) Becton, Dickinson and Company
 (11) AU-A-2020201285
 (21) 2020201285 (22) 21.02.2020
 (54) Scanning real-time microfluidic thermocycler and methods for synchronized thermocycling and scanning optical detection
 (51) Int. Cl.
G01N 35/02 (2006.01)
 (43) 12.03.2020
 (62) 2017265124
 (72) Gubatayao, Thomas Catalino; Handique, Kalyan; Ganesan, Karthik; Drummond, Daniel M.
 (74) FB Rice Pty Ltd

(71) Bell, S.
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 (54) AN APPARATUS FOR LOADING A UTILITY VEHICLE TRAY
 (51) Int. Cl.
B66F 9/075 (2006.01)
B65G 7/04 (2006.01)
B66F 9/12 (2006.01)
 (43) 12.03.2020
 (72) Bell, Steven Bruce
 (74) Michael Buck IP

(71) Biocept, Inc.; Aegea Biotechnologies
 (11) AU-A-2020201291
 (21) 2020201291 (22) 21.02.2020
 (54) Methods for detecting nucleic acid sequence variants
 (51) Int. Cl.
C12Q 1/68 (2006.01)
C12N 15/11 (2006.01)
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 (72) LYLE, Arnold
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(71) BioNano Genomics, Inc.
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 (54) Methods for single-molecule analysis
 (51) Int. Cl.
C12Q 1/68 (2006.01)
C07H 21/00 (2006.01)
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 (72) Cao, Han; Xiao, Ming; Hastie, Alex R.; Saghbini, Michael G.; Sadowski, Henry B.
 (74) Watermark Intellectual Property Pty Ltd

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BioNTech AG see Ganymed Pharmaceuticals GmbH

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(71) BioNTech Research and Development, Inc.
 (11) AU-A-2020201225
 (21) 2020201225 (22) 20.02.2020
 (54) Nucleic acids encoding human antibodies to Sialyl-Lewis_x
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
C12N 15/13 (2006.01)
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 (72) SAWADA, Ritsuko; SUN, Shu-man; SCHOLZ, Wolfgang
 (74) FB Rice Pty Ltd

(71) Biosense Webster (Israel) Ltd.
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 (21) 2019219707 (22) 19.08.2019
 (54) Post-mapping automatic identification of pulmonary veins
 (51) Int. Cl.
A61B 5/06 (2006.01)
G06T 7/60 (2017.01)
 (31) 16/109,018 (32) 22.08.18 (33) US
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 (72) COHEN, Assaf; DORON, Itai; MASSAR-WI, Fady; ILAN, Ido; ZOABI, Akram
 (74) Spruson & Ferguson

(71) Biosense Webster (Israel) Ltd.
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 (21) 2019219785 (22) 21.08.2019
 (54) Automatic identification of abnormal LAT differences
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A61B 5/042 (2006.01)
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 (72) Katz, Natan Sharon; Cohen, Benjamin; Zar, Lior; Roger, Vincent Alexandre
 (74) Spruson & Ferguson

(71) Biosense Webster (Israel) Ltd.; Pappone, C.
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 (54) Atrial fibrillation mapping using atrial fibrillation cycle length (AFCL) gradients
 (51) Int. Cl.
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A61B 5/0402 (2006.01)
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 (72) Zeidan, Ziyad; Turgeman, Aharon; Cohen, Benjamin; Bar-Tal, Meir; Bar-on, Tal Haim; Pappone, Carlo
 (74) Spruson & Ferguson

(71) Board of Regents, the University of Texas System; Soliton, Inc.
 (11) AU-A-2020201293
 (21) 2020201293 (22) 21.02.2020
 (54) Rapid pulse electrohydraulic shockwave generator
 (51) Int. Cl.
A61N 7/00 (2006.01)
A61B 17/225 (2006.01)
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 (54) POLYMER COMPOSITION FOR ADHESIVE APPLICATIONS
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C08L 23/08 (2006.01)
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 (72) FAGRELL, Ola; YALALOV, Denis; EK, Carl-Gustaf; SÖNMEZ, Anil
 (74) Golja Haines & Friend

(71) Bowey, C.
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 (54) ARRANGEMENT FOR MOVEABLE BARRIER
 (51) Int. Cl.
E06B 7/20 (2006.01)
E05D 15/06 (2006.01)
 (31) 2018903154 (32) 27.08.18 (33) AU
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 (72) Bowey, Chris
 (74) IP Sentinels Patent and Trademark Attorneys

(71) Brigham and Women's Hospital, Inc.; President and Fellows of Harvard College; Vilnius University
 (11) AU-A-2020201355
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 (54) SYSTEMS AND METHODS FOR BIOMIMETIC FLUID PROCESSING
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C12M 1/00 (2006.01)
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 (72) Thon, Jonathan N.; Italiano, Joseph E.; Mazutis, Linas; Weitz, David A.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2020201368
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 (54) Article for use in apparatus for heating smokable material

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A24D 1/00 (2006.01)
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 (72) England, Will; Woodman, Tom; Phillips, Jeremy; Gomez, Javier Ballesteros Gomez
 (74) Shelston IP Pty Ltd.

(71) Canon Kabushiki Kaisha
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 (54) Method and system for reproducing visual content
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 (72) Chong, Eric Wai Shing; Calisa, Rajanish Ananda Rao
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(71) Capnia, Inc.
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 (54) SELECTION, SEGMENTATION AND ANALYSIS OF EXHALED BREATH FOR AIRWAY DISORDERS ASSESSMENT
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A61B 5/08 (2006.01)
A61B 5/097 (2006.01)
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 (72) Wondka, Anthony D.; Bhatnagar, Anish
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Castle Wall Pty Ltd
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 (54) DENTAL SURGERY METHOD AND DEVICE
 (51) Int. Cl.
A61C 3/04 (2006.01)
A61C 1/08 (2006.01)
A61C 3/14 (2006.01)
 (43) 12.03.2020
 (62) PCT/AU2019/050112
 (72) Castle, Cameron Glenn; Ogle, David; Castle, Glen Alan
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Caterpillar Global Mining Equipment LLC
 (11) AU-A-2019216640
 (21) 2019216640 (22) 14.08.2019
 (54) ASSIST CYLINDER FOR NEGATIVE ANGLE DRILLING MAST
 (51) Int. Cl.
E21B 15/04 (2006.01)
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 (72) HUDSON, Charles Taylor; LAREAU, Richard J.
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2020201249
 (21) 2020201249 (22) 20.02.2020
 (54) Stable liquid pharmaceutical preparation
 (51) Int. Cl.
 A61K 9/08 (2006.01)
 A61K 9/00 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/10 (2006.01)
 A61K 47/14 (2006.01)
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 (72) Lee, Joon Won; Han, Won Yong; Kim, Su Jung; Oh, Jun Seok; Kim, So Young; Hong, Su Hyeon; Shin, Yeon Kyeong
 (74) Shelston IP Pty Ltd.

(71) Centre for Addiction and Mental Health; Memotext Corporation
 (11) AU-A-2018220089
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 (54) Tool for Identifying Occurrence of Acute Incident Symptomatic of Mental Condition or Disorder
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 (72) Kidd, Sean Andrew; Adler, Amos; Nekouei, Hesamaldin; Kaleis, Linda
 (74) Walker IP

(71) CFPH, LLC
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 (54) AMUSEMENT DEVICES AND GAMES INVOLVING PROGRESSIVE JACKPOTS
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 A63F 13/00 (2006.01)
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 (72) TARA, Sunny
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) A method and a device for fast entry and storage of parcels
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 (31) 16/206,322 (32) 30.11.18 (33) US
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 (72) KÜTT, Arno; LÖSSOV, Remi; MUST, Tarmo; NUUDI, Harry; NOORKÖIV,

Mikk; KOPPEL, Anu; SAETALU, Rein; ILP, Mihkel
 (74) Griffith Hack

(71) CoLabs Medical, Inc.
 (11) AU-A-2020201241
 (21) 2020201241 (22) 20.02.2020
 (54) Apparatus and method for improved assisted ventilation
 (51) Int. Cl.
 A61M 16/00 (2006.01)
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 (62) 2015230977
 (72) Nolan, Clay
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(71) ConforMIS, Inc.
 (11) AU-A-2020201305
 (21) 2020201305 (22) 21.02.2020
 (54) Patient selectable joint arthroplasty devices and surgical tools
 (51) Int. Cl.
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 (72) Lang, Philipp; Fitz, Wolfgang; Bojarski, Raymond A.; Steines, Daniel; Burdulis, Albert G. Jr.; Vargas-Voracek, Rene
 (74) FB Rice Pty Ltd

(71) ConMed Corporation
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 (21) 2020201301 (22) 21.02.2020
 (54) Cannula assembly for robotically assisted pressure regulated laparoscopic surgical procedures
 (51) Int. Cl.
 A61B 17/34 (2006.01)
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 (43) 12.03.2020
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 A61B 18/18 (2006.01)
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A47C 20/04 (2006.01)

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G06Q 20/00 (2006.01)

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C07C 213/02 (2006.01)
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C07C 269/06 (2006.01)
C07D 213/82 (2006.01)
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E01C 19/00 (2006.01)
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F16B 1/00 (2006.01)
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A61K 48/00 (2006.01)
A61L 31/10 (2006.01)
A61P 31/00 (2006.01)
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 prediction encoding method, image predic-
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 decoding device, image prediction decod-
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 prediction encoding method, image predic-
 tion encoding program, image prediction
 decoding device, image prediction decod-
 ing method, and image prediction decoding
 program
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 prediction encoding method, image predic-
 tion encoding program, image prediction
 decoding device, image prediction decod-
 ing method, and image prediction decoding
 program
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 coding device, video prediction decoding
 method, and video prediction decoding pro-
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 prediction encoding method, video predic-
 tion encoding program, video prediction de-
 coding device, video prediction decoding
 method, and video prediction decoding pro-
 gram
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 prediction encoding method, video predic-
 tion encoding program, video prediction de-
 coding device, video prediction decoding
 method, and video prediction decoding pro-
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G06Q 10/00 (2006.01)

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A63H 33/28 (2006.01)
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A01B 45/02 (2006.01)

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B60D 1/173 (2006.01)
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B60D 5/00 (2006.01)
B62D 47/02 (2006.01)

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B64C 27/26 (2006.01)
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A01C 5/06 (2006.01)

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A61K 31/353 (2006.01)
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G02B 6/44 (2006.01)
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C07D 405/12 (2006.01)

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A61P 25/00 (2006.01)

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A23L 2/56 (2006.01)

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H04L 1/18 (2006.01)
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 B65G 69/30 (2006.01)
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 G21G 4/08 (2006.01)
 A61K 51/00 (2006.01)
 A61K 51/06 (2006.01)
 A61K 51/12 (2006.01)
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 A01C 7/08 (2006.01)
 A01B 73/02 (2006.01)
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 B25B 7/10 (2006.01)
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 F21V 23/04 (2006.01)
 A47B 67/04 (2006.01)
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B25C 1/04 (2006.01)
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B25J 18/06 (2006.01)

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 for a radiating printed circuit board, and
 methods therefor
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H01Q 13/02 (2006.01)
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 YALANIS, Georgia
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 us with safety protection
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H02J 7/14 (2006.01)
B60R 16/00 (2006.01)
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H02J 1/00 (2006.01)
H02J 7/00 (2006.01)
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 hill, Derek Michael
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 (51) Int. Cl.
H02J 7/14 (2006.01)
B60R 16/00 (2006.01)
B60R 16/03 (2006.01)
H02J 1/00 (2006.01)
H02J 7/00 (2006.01)
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 (54) Portable vehicle battery jump start apparatus with safety protection
 (51) Int. Cl.
H02J 7/14 (2006.01)
B60R 16/00 (2006.01)
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A46D 1/00 (2006.01)
A46D 1/08 (2006.01)
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 (54) METHODS OF PREPARING NICOTINAMIDE RIBOSIDE AND DERIVATIVES THEREOF
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 (51) Int. Cl.
C12N 15/113 (2010.01)
C12Q 1/68 (2006.01)
G01N 33/574 (2006.01)
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G06Q 30/02 (2012.01)
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C12N 15/09 (2006.01)
A61K 35/76 (2006.01)
A61K 38/00 (2006.01)
A61K 38/43 (2006.01)
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C12N 15/864 (2006.01)
C12Q 1/68 (2006.01)
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C12R 1/93 (2006.01)

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(71) Thomas Moloney Pty Limited
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 (54) Handle assembly
 (51) Int. Cl.
E05B 65/46 (2017.01)
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 (74) Allens Patent & Trade Mark Attorneys

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 (21) 2020201255 (22) 21.02.2020
 (54) Graphical User Interface for a Robotic Surgical System
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A61B 34/20 (2016.01)
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(21) 2020201267 **(22)** 21.02.2020
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(71) Touchtunes Music Corporation
(11) AU-A-2020201288
(21) 2020201288 **(22)** 21.02.2020
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TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see Ganymed Pharmaceuticals GmbH
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(71) V.O.T. Pty Ltd
(11) AU-A-2020201389
(21) 2020201389 **(22)** 26.02.2020
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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

Vilnius University see Brigham and Women's Hospital, Inc.
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(71) Vista Outdorr Operations LLC
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(21) 2020201257 **(22)** 21.02.2020
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F41A 3/26 (2006.01)
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(74) Michael Buck IP

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B60R 21/0134 (2006.01)
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(54) Programming and reprogramming of cells
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(21) 2020201268

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(21) 2020201386 **(22)** 26.02.2020
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(51) Int. Cl.
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(11) AU-A-2018220164
(21) 2018220164 **(22)** 25.08.2018
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B05B 15/52 (2018.01)
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Eric
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(71) X Development LLC
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(21) 2020201348 (22) 25.02.2020
(54) Autonomous condensing of pallets of items
in a warehouse
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B65G 1/04 (2006.01)
B25J 9/16 (2006.01)
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(62) 2017315306
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(71) Zebra Technologies Corporation
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(21) 2019219821 (22) 22.08.2019
(54) Automatic form data reading
(51) Int. Cl.
G06K 9/82 (2006.01)
(31) 16/109,359 (32) 22.08.18 (33) US
(43) 12.03.2020
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FAHMI, Lindsay M.; KOCH, David S.;
CHEN, Dongqing
(74) Spruson & Ferguson

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| 2019222808 | Lockpost Holdings Pty Ltd | 2020201285 | Becton, Dickinson and Company |
| 2019222814 | Qarshi Brands (SMC) (pvt) Ltd. | 2020201286 | Malcolm, A.; Patterson, M. |
| 2019222829 | Bowey, C. | 2020201287 | Koninklijke Douwe Egberts B.V. |
| 2019284068 | Standard Bariatrics, Inc | 2020201288 | Touchtunes Music Corporation |
| 2019303422 | Institute of Cotton Research of the Chinese Academy of Agricultural Sciences | 2020201289 | Mayo Foundation for Medical Education and Research |
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| 2020201219 | Amgen Inc. | 2020201298 | ServiceNow, Inc. |
| 2020201221 | Corning Incorporated; Public University Corporation Yokohama City University | 2020201299 | Perfect Flight Assessoria e Controle de Pulverizacao Ltda |
| 2020201222 | The NOCO Company | 2020201300 | Samsung Electronics Co., Ltd. |

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| <u>A47B 88 /-</u> 2019219721 | | | <u>A61M 17 /-</u> 2020201242 | <u>B25J 18 /-</u> 2018220014 | <u>B66F 9 /-</u> 2018220094 |
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A61M 35/00 (2006.01)
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C10M 175/00 (2006.01)
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F28C 1/00 (2006.01)
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B29C 64/10 (2017.01)
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C07H 21/02 (2006.01)
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B05B 1/12 (2006.01)
F15C 1/22 (2006.01)
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VERHAEGEN, Damien Nicole Freddy;
BECKERS, Robert; MICHOTTE, Paul;
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F42B 39/08 (2006.01)
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VERHAEGEN, Damien Nicole Freddy;
BECKERS, Robert; MICHOTTE, Paul;
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(54) Machine gun
(51) Int. Cl.
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F42B 39/08 (2006.01)
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(51) Int. Cl.
A01N 1/02 (2006.01)
A61D 7/00 (2006.01)
A61M 1/14 (2006.01)
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B01D 59/36 (2006.01)
G05B 19/02 (2006.01)
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use in treating and/or preventing a condi-
tion linked to loss of muscle mass and/or
strength
(51) Int. Cl.
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A23L 2/66 (2006.01)
A23L 33/00 (2016.01)
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GANZEVLES, Renate Antonia; VER-
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Henriëtte
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F24F 13/14 (2006.01)
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F24F 1/00 (2019.01)
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C22C 1/04 (2006.01)
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F21S 8/02 (2006.01)
F21V 21/005 (2006.01)
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C07K 14/755 (2006.01)
C07K 19/00 (2006.01)
C12N 5/071 (2010.01)
C12N 5/073 (2010.01)
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C12N 9/64 (2006.01)
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C07K 14/315 (2006.01)
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C07K 4/04 (2006.01)
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H04W 72/08 (2009.01)
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G09G 3/20 (2006.01)
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G01L 11/02 (2006.01)
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G02B 6/02 (2006.01)
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B29C 70/54 (2006.01)
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H02J 7/00 (2006.01)
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C08B 15/00 (2006.01)
F26B 3/12 (2006.01)
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C08G 63/183 (2006.01)
C08G 63/78 (2006.01)
C08J 5/18 (2006.01)
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C08G 63/183 (2006.01)
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E04B 5/10 (2006.01)
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C07K 16/30 (2006.01)
A61K 38/10 (2006.01)
A61K 47/55 (2017.01)
A61P 35/00 (2006.01)
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A47J 31/46 (2006.01)
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F24H 1/16 (2006.01)
F28D 7/04 (2006.01)
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A61K 9/16 (2006.01)
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A61K 31/704 (2006.01)
A61K 45/06 (2006.01)
A61K 48/00 (2006.01)
A61K 49/00 (2006.01)
A61L 24/00 (2006.01)

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D03D 1/00 (2006.01)
D01F 2/00 (2006.01)
D03D 15/00 (2006.01)
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(51) Int. Cl.
D04B 21/00 (2006.01)
D01F 2/00 (2006.01)
D02G 3/04 (2006.01)
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D03D 1/00 (2006.01)
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D02G 3/44 (2006.01)

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B66C 15/06 (2006.01)
F16G 13/12 (2006.01)
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F25C 5/20 (2018.01)
F25C 5/04 (2006.01)
F25D 23/02 (2006.01)
H02K 7/116 (2006.01)
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C08G 18/66 (2006.01)
A61K 8/87 (2006.01)
A61Q 5/00 (2006.01)
C08G 18/08 (2006.01)
C08G 18/32 (2006.01)

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C08G 18/66 (2006.01)
A61Q 5/06 (2006.01)
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A61K 36/06 (2006.01)
A61P 31/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
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A61B 17/00 (2006.01)
A61F 2/02 (2006.01)
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F01K 3/14 (2006.01)
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F28D 20/00 (2006.01)
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F04B 3/00 (2006.01)
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A61B 5/00 (2006.01)
A61B 17/00 (2006.01)
A61M 1/00 (2006.01)
A61M 39/00 (2006.01)
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A01N 1/02 (2006.01)
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E05D 7/08 (2006.01)
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A61K 39/395 (2006.01)
A61K 47/54 (2017.01)
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B29C 65/00 (2006.01)
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B29C 65/02 (2006.01)
B23B 5/08 (2006.01)
B23C 3/12 (2006.01)
B26D 3/16 (2006.01)
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A61B 17/02 (2006.01)
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A61K 31/135 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
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H04W 12/08 (2009.01)
H04W 76/11 (2018.01)
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H02K 1/18 (2006.01)

F04B 39/00 (2006.01)
F04C 29/00 (2006.01)
H02K 1/14 (2006.01)
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B67D 1/00 (2006.01)
G06F 3/00 (2006.01)
G06F 13/00 (2006.01)
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H04L 29/06 (2006.01)
G06F 16/00 (2019.01)
G06F 40/20 (2020.01)
H04W 4/08 (2009.01)
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C12N 5/0775 (2010.01)
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A01N 37/02 (2006.01)
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 methods of treating subjects suffering from
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E04G 5/00 (2006.01)
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G06K 19/07 (2006.01)
G06K 19/077 (2006.01)
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B32B 5/02 (2006.01)
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B23Q 11/08 (2006.01)
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C07K 14/56 (2006.01)
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H04N 5/655 (2006.01)
F16M 11/04 (2006.01)
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C07K 1/00 (2006.01)
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 (51) Int. Cl.
G01M 5/00 (2006.01)
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F21S 8/08 (2006.01)
F21V 21/10 (2006.01)
H01Q 1/12 (2006.01)
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H01Q 1/12 (2006.01)
H01Q 1/42 (2006.01)
H02B 1/38 (2006.01)
F21W 111/02 (2006.01)
F21Y 115/10 (2016.01)
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 Lachlan
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(71) TLC Biopharmaceuticals, Inc.; Taiwan
 Liposome Co., Ltd.
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(21) 2018323436 **(22)** 28.08.2018
(54) Sustained-release anesthetic compositions
 and methods of preparation thereof
(51) Int. Cl.
A61K 9/00 (2006.01)
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A61K 31/167 (2006.01)
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 Yi-Yu; GUO, Luke S.s.
(74) WRAYS PTY LTD

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(21) 2018333982 **(22)** 14.09.2018
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 mentation liquid
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C12P 7/08 (2006.01)
C12N 1/00 (2006.01)
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 Takashi; HIGASA, Masashi; SAWADA,
 Shinjiro
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(51) Int. Cl.
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C12N 5/078 (2010.01)
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 LANGLEY, Emma
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 Guodong
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 al de la recherche scientifique; ENSCM -
 Ecole Nationale Supérieure de Chimie
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 method
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A62D 101/41 (2007.01)
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 BON, Martine
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 Incorporated; Editas Medicine, Inc.
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 cone-rod retinal dystrophy
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C12N 15/85 (2006.01)
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 MAEDER, Morgan
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 neys Pty Ltd

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 toring system
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A61B 5/00 (2006.01)
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 CHEONG, Ying
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 ty acoustical tiles
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C04B 26/06 (2006.01)
E04B 1/86 (2006.01)

E04B 9/00 (2006.01)
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 BAKKEN, Scott C.
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 spatially localizing a sound event
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H04R 1/10 (2006.01)
H04R 1/26 (2006.01)
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 ICI BELTRAMI, Andrea; GMEIN-
 ER, Thomas; POMBERGER, Hannes;
 SONTACCHI, Alois
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 Co., Ltd.
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 tures
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A01N 43/54 (2006.01)
C07D 239/54 (2006.01)
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 R.
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 potentiators, compositions, and methods of
 treating neurological dysfunction
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C07D 407/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4523 (2006.01)
A61P 25/00 (2006.01)
C07D 409/14 (2006.01)
C07D 471/04 (2006.01)
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 FELTS, Andrew; NISWENDER, Colleen
 M.; CAPSTICK, Rory A.; SPEARING,
 Paul K.; BOLLINGER, Sean
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 (21) 2018341716 (22) 04.06.2018
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 (51) Int. Cl.
A61B 34/30 (2016.01)
B25J 5/00 (2006.01)
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- (71) VMware, Inc.
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H04L 12/46 (2006.01)
G06F 9/455 (2018.01)
H04L 12/24 (2006.01)
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 (74) FB Rice Pty Ltd
-
- (71) VR Coaster GmbH & Co. KG
 (11) AU-A-2018362997
 (21) 2018362997 (22) 03.09.2018
 (54) Fairground ride, in particular roller coaster, and method and computer program for operating a fairground ride of this type
 (51) Int. Cl.
A63G 7/00 (2006.01)
A63G 31/16 (2006.01)
 (87) WO2019/091620
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- (71) W. L. Gore & Associates, Inc.
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 (21) 2018336924 (22) 31.05.2018
 (54) Multiple inflation endovascular medical device
 (51) Int. Cl.
- A61L 29/04** (2006.01)
A61L 29/14 (2006.01)
A61L 29/16 (2006.01)
A61M 25/10 (2013.01)
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 (74) Griffith Hack
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- (71) Wagner Group GmbH
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 (54) Control and monitoring module
 (51) Int. Cl.
G08B 29/12 (2006.01)
G08B 17/06 (2006.01)
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 (43) 14.02.2019
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- (71) Waymo LLC
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 (21) 2018313701 (22) 02.08.2018
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 (51) Int. Cl.
G01S 7/486 (2006.01)
G01J 1/44 (2006.01)
G01S 7/487 (2006.01)
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E21B 19/16 (2006.01)
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 (72) ZIMBELMANN, Georg; CLASEN, Ditmar; THIEMANN, Bjoern
 (74) WRAYS PTY LTD
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 (21) 2018320550 (22) 15.08.2018
 (54) Echovirus for treating tumor
 (51) Int. Cl.
C12N 7/00 (2006.01)
A61K 31/711 (2006.01)
A61K 35/768 (2015.01)
A61P 35/00 (2006.01)
C12N 7/01 (2006.01)
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 (31) 201710734483.1 (32) 24.08.17 (33) CN
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- (43) 28.02.2019
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 (74) Davies Collison Cave Pty Ltd
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- (71) Zynerva Pharmaceuticals, Inc.
 (11) AU-A-2018337933
 (21) 2018337933 (22) 18.09.2018
 (54) Synthetic transdermal cannabidiol for the treatment of focal epilepsy in adults
 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/352 (2006.01)
A61P 25/08 (2006.01)
 (87) WO2019/058261
 (31) 62/593,575 (32) 01.12.17 (33) US
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 (43) 28.03.2019
 (72) GUTTERMAN, Donna; SEBREE, Terri; SMITH, Ted; MESSENHEIMER, John
 (74) Davies Collison Cave Pty Ltd

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| 2017390111 | General Electric Company | 2018309101 | The University of Melbourne |
| 2017425067 | NTT DoCoMo, Inc. | 2018309169 | Trutino Biosciences Inc. |
| 2017425235 | Metalogenia Research & Technologies, S.L. | 2018309420 | Mind Medicine, Inc. |
| 2017426131 | Electrical Engineering Solutions Pty Limited | 2018309532 | LG Electronics Inc. |
| 2017426300 | NTT DoCoMo, Inc. | 2018309556 | DMAC IP Pty Ltd |
| 2017426414 | Hajare, B.; Bhokse, S. | 2018309599 | Fanplayr Inc. |
| 2017426847 | Sun Yat-Sen University | 2018310374 | Shanghai Hongyan Returnable Transit Packagings Co., Ltd. |
| 2017426877 | Razer (Asia-Pacific) Pte. Ltd. | 2018310375 | Shanghai Hongyan Returnable Transit Packagings Co., Ltd. |
| 2017429324 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018310410 | Tsinghua University; Beijing Protgen Ltd. |
| 2017430148 | Kimberly-Clark Worldwide, Inc. | 2018310489 | Chengdu Qianniucao Information Technology Co., LTD. |
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| 2017430154 | Kimberly-Clark Worldwide, Inc.; The Board of Trustees of the University of Illinois | 2018310666 | Instraction GmbH |
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| 2017430229 | Kimberly-Clark Worldwide, Inc.; Shanghai University | 2018310750 | Lewis, M. |
| 2017430791 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018310830 | University of Southampton |
| 2017431013 | Essity Hygiene and Health Aktiebolag | 2018310847 | Eden Innovations Ltd.; Zhu, Z.; Hernandez, B.; Tang, X.; Truss, R.; Solomon, G. |
| 2017431197 | Iobed Inc. | 2018311261 | All Weather Sportscover Limited; Doig, M. |
| 2017431705 | Entekno Endustriyel Teknolojik Ve Nano Malzemeler Sanayi Ve Ticaret Anonim Sirketi | 2018311375 | Cidara Therapeutics, Inc. |
| 2017431850 | Huawei Technologies Co., Ltd. | 2018311504 | Reflection Biotechnologies Limited |
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| 2017435612 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | 2018311608 | GD Midea Air-Conditioning Equipment Co., Ltd. |
| 2017436757 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2018311609 | GD Midea Air-Conditioning Equipment Co., Ltd. |
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| 2017442107 | Halliburton Energy Service, Inc. | 2018311884 | Sharp Kabushiki Kaisha |
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| 2018304716 | Schlage Lock Company LLC | 2018312015 | Chengdu Qianniucao Information Technology Co., LTD. |
| 2018304949 | Sportable Technologies Ltd. | 2018312101 | Egg Medical, Inc. |
| 2018305148 | Albert-Ludwigs-Universität Freiburg; Queen Mary University of London | 2018312516 | Lumenion GmbH |
| 2018305559 | Chengdu Qianniucao Information Technology Co., Ltd. | 2018312563 | City of Hope |
| 2018305652 | Odin & Thor ApS | 2018312763 | LG Electronics Inc. |
| 2018305878 | FDX Fluid Dynamix GmbH | 2018313286 | Atila Biosystems Incorporated |
| 2018306015 | Sumitomo Metal Mining Co., Ltd. | 2018313701 | Waymo LLC |
| 2018306149 | FTF Pharma Private Limited | 2018313921 | Bioverativ Therapeutics Inc. |
| 2018306257 | Mitsubishi Heavy Industries Thermal Systems, Ltd. | 2018313933 | Piedmont Animal Health, Inc. |
| 2018306299 | TARIS Biomedical LLC | 2018313995 | Cherwell Software, LLC |
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| 2018306839 | Patterson, R.; Patterson, D. | 2018315106 | Huawei Technologies Co., Ltd. |
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| 2018308393 | Panoramic Power Ltd. | 2018317224 | Huawei Technologies Co., Ltd. |
| 2018308527 | Chengdu Qianniucao Information Technology Co., LTD. | 2018317274 | Huawei Technologies Co., Ltd. |
| 2018308528 | Chengdu Qianniucao Information Technology Co., Ltd. | 2018317403 | Vanderbilt University |
| 2018308799 | Chengdu Qianniucao Information Technology Co., LTD. | 2018317851 | BNSF Railway Company |
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| 2018308923 | Collectis | 2018318126 | Starbucks Corporation |
| 2018308925 | Inalco S.R.L. | 2018318230 | Alnylam Pharmaceuticals, Inc. |
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| | | 2018318922 | Citrix Systems, Inc. |
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| 2018319491 | Tecnoform S.p.A. | 2018325493 | COSMOGAS S.R.L. |
| 2018319529 | Dishman Carbogen Amcis Ltd. | 2018325513 | Attenti Electronic Monitoring Ltd. |
| 2018319625 | Innatoss Laboratories B.V. | 2018325818 | Suntory Holdings Limited |
| 2018319635 | Paragon Inspection Limited | 2018325983 | Rothenberger AG |
| 2018319637 | Synpromics Limited | 2018326229 | Koninklijke Douwe Egberts B.V. |
| 2018319919 | Hirotsu Bio Science Inc.; National University Corporation Kumamoto University | 2018326391 | Mammoth Industries Pty Ltd |
| 2018319977 | IHI Corporation | 2018326415 | Siamons International Inc. |
| 2018320021 | Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Centaurus Biopharma Co., Ltd.; Lianyungang Runzhong Pharmaceutical Co., Ltd. | 2018326447 | Schreder S.A. |
| 2018320262 | Enlivex Therapeutics Ltd. | 2018326448 | Schreder S.A. |
| 2018320505 | Fisher & Paykel Healthcare Limited | 2018326619 | Pirouette Medical LLC |
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| 2018320655 | Dräger Safety AG & Co. KGAA | 2018326831 | 3M Innovative Properties Company |
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| 2018320867 | Pentair Water Pool and Spa, Inc. | 2018327170 | Daiichi Sankyo Company, Limited |
| 2018320942 | Evapco, Inc. | 2018327187 | Honda Motor Co., Ltd. |
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| 2018321059 | Université de Montpellier; Centre national de la recherche scientifique; ENSCM - Ecole Nationale Supérieure de Chimie | 2018327339 | Phosplatin Therapeutics LLC |
| 2018321114 | Newclip International | 2018327592 | OVD Kinogram AG |
| 2018321148 | Innova Patent GmbH | 2018327612 | Metso Denmark A/S |
| 2018321150 | BP Exploration Operating Company Limited | 2018327694 | Hexcel Reinforcements UK Limited |
| 2018321163 | Stora Enso Oyj | 2018328001 | Roadtec, Inc. |
| 2018321276 | Weatherford Technology Holdings, LLC | 2018328046 | FN Herstal S.A. |
| 2018321476 | Taylor Commercial Foodservice Inc. | 2018328047 | FN Herstal S.A. |
| 2018321896 | JRSK, Inc. | 2018328049 | FN Herstal S.A. |
| 2018321926 | The Regents of the University of California | 2018328050 | FN Herstal S.A. |
| 2018321976 | Perthou, P. | 2018328131 | Eagle Pharmaceuticals, Inc. |
| 2018321981 | Agnetix, Inc. | 2018328193 | Spitzley, J. |
| 2018322021 | Steeped, Inc. | 2018328223 | GLAdiator Biosciences, Inc. |
| 2018322032 | Omeros Corporation | 2018328273 | Revolution Medicines, Inc. |
| 2018322060 | The Johns Hopkins University | 2018328312 | Consolidated Metco, Inc. |
| 2018322155 | Valent U.S.A. LLC; Sumitomo Chemical Co., Ltd. | 2018328759 | Australian Mud Company Pty Ltd |
| 2018322317 | Mallinckrodt Hospital Products IP Limited | 2018328768 | Propellon Therapeutics Inc. |
| 2018322361 | 3M Innovative Properties Company | 2018328812 | Bayer Pharma Aktiengesellschaft; Bayer Consumer Care AG |
| 2018322455 | Amphenol Corporation | 2018329047 | Hutchison MediPharma Limited |
| 2018322485 | Griffith University | 2018329060 | Huawei Technologies Co., Ltd. |
| 2018322489 | Baraja Pty Ltd | 2018329244 | Farmers Edge Inc. |
| 2018322498 | MacDon Industries Ltd. | 2018329432 | CR Development AB |
| 2018322692 | Gerard Lighting Pty Ltd | 2018329467 | Medos International Sàrl |
| 2018322748 | Novozymes A/S | 2018329468 | Medos International Sàrl |
| 2018322776 | PsiOxus Therapeutics Limited | 2018329671 | Scarab Genomics, LLC |
| 2018322831 | Inprother ApS | 2018329815 | Recurium IP Holdings, LLC |
| 2018322923 | LODE Group Limited | 2018329874 | Baraja Pty Ltd |
| 2018323000 | 8 Rivers Capital, LLC | 2018330171 | The Regents of the University of Colorado, a body corporate |
| 2018323394 | Daikin Industries, Ltd. | 2018330329 | Insignis Therapeutics, Inc. |
| 2018323436 | TLC Biopharmaceuticals, Inc.; Taiwan Liposome Co., Ltd. | 2018330584 | Daiichi Sankyo Company, Limited |
| 2018323443 | The United States of America, as represented by The Secretary, Department of Health and Human Services; University of Maryland, Baltimore | 2018330730 | K-KAPS International Ltd |
| 2018323473 | University of Florida Research Foundation, Incorporated; Editas Medicine, Inc. | 2018330784 | PI Industries Ltd. |
| 2018323492 | Canon Kabushiki Kaisha | 2018330848 | Keio University; BiomX Ltd.; Yeda Research And Development Co. Ltd. At The Weitzmann Institute Of Science |
| 2018323964 | Separation Technologies LLC | 2018331172 | Sunshine Lake Pharma Co., Ltd.; North & South Brother Pharmacy Investment Company Limited |
| 2018324024 | I-V Access Technology, Inc. | 2018331251 | Rezolute, Inc. |
| 2018324070 | East Carolina University | 2018331263 | Motorola Solutions, Inc. |
| 2018324097 | Cytomx Therapeutics, Inc. | 2018331431 | Bendix Commercial Vehicle Systems LLC |
| 2018324118 | Boehringer Ingelheim Animal Health USA Inc. | 2018331433 | Bendix Commercial Vehicle Systems LLC |
| 2018324134 | Daikin Industries, Ltd. | 2018331439 | Evoqua Water Technologies LLC |
| 2018324135 | Daikin Industries, Ltd. | 2018332187 | Glass to Power S.p.A. |
| 2018324192 | Netflix, Inc. | 2018332238 | Haskoli Islands |
| 2018324521 | Baltimore Aircoil Company, Inc. | 2018332581 | APL Technology AS |
| 2018324670 | Daikin Industries, Ltd. | 2018332820 | Living Proof, Inc. |
| 2018325154 | Samsung Electronics Co., Ltd. | 2018333024 | Peri GmbH |
| 2018325276 | Chevron U.S.A. Inc. | 2018333058 | GOJO Industries, Inc. |
| 2018325283 | Oregon State University | 2018333271 | The TSS Group of Companies Pty Ltd |
| 2018325433 | Intelligent Play Ltd | 2018333276 | ImmuneSignatures Pty Ltd |
| | | 2018333278 | Reflex Instruments Asia Pacific Pty Ltd |
| | | 2018333383 | GD Midea Air-Conditioning Equipment Co., Ltd. |
| | | 2018333498 | BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH |
| | | 2018333797 | Buind, K. |

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| 2018333932 | Living Proof, Inc. | 2018366371 | Halliburton Energy Services, Inc. |
| 2018333982 | Toray Industries, Inc. | 2018369022 | Ojai Retinal Technology, LLC |
| 2018334039 | Nomad Bioscience GmbH | 2018370717 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. |
| 2018334042 | British American Tobacco (Investments) Limited | 2018372138 | Reliance Industries Limited |
| 2018334138 | Magnolia Medical Technologies, Inc. | 2018372440 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. |
| 2018334212 | Aladdin Manufacturing Corporation | 2018372452 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. |
| 2018334502 | Amgen Inc. | 2018372453 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. |
| 2018335098 | Siemens Aktiengesellschaft | 2018375093 | DuPont Safety & Construction, Inc. |
| 2018335160 | Oklahoma Medical Research Foundation | 2018379448 | F. Hoffmann-La Roche AG |
| 2018335254 | Novadip Biosciences | 2018379824 | Chevron U.S.A. Inc. |
| 2018335397 | S. C. Johnson & Son, Inc. | 2018381333 | Macnaught Pty Limited |
| 2018335571 | AgroSpheres, Inc. | 2018386132 | Qingdao Haier Co., Ltd. |
| 2018335587 | McElroy Manufacturing, Inc. | 2018390558 | Q.E.D. Environmental Systems, Inc. |
| 2018335752 | Hinderer, C.; The Trustees Of The University Of Pennsylvania | 2018390816 | Q.E.D. Environmental Systems, Inc. |
| 2018335754 | Rhodia Operations | 2018390826 | Purdue Pharma L.P. |
| 2018335854 | Novadip Biosciences | 2018401815 | Fresenius Medical Care Holdings, Inc. |
| 2018336171 | Jubilant Epipad LLC | 2018402914 | Qingdao Haier Co., Ltd. |
| 2018336236 | NEC Corporation | 2018402915 | Qingdao Haier Co., Ltd. |
| 2018336623 | Regeneron Pharmaceuticals Inc. | 2018403930 | Qingdao Haier Co., Ltd. |
| 2018336791 | Massachusetts Institute of Technology | 2018413069 | Taiyuan University of Technology |
| 2018336871 | Illinois Tool Works Inc. | 2019217861 | Astec, Inc.; Municipal Enterprises Ltd. |
| 2018336881 | Roadtec, Inc. | 2019226990 | Golden Homes Holdings Limited |
| 2018336924 | W. L. Gore & Associates, Inc. | 2019226991 | Apex Valves Limited |
| 2018337624 | McElroy Manufacturing, Inc. | 2019232621 | Frimline Private Limited |
| 2018337760 | Hippocratic Oligo Medicine Corporation Pty Ltd | 2019243241 | CJ Cheiljedang Corporation |
| 2018337815 | pH Pharma Co., Ltd. | 2019243242 | CJ Cheiljedang Corporation |
| 2018337933 | Zynerba Pharmaceuticals, Inc. | 2019303422 | Institute of Cotton Research of the Chinese Academy of Agricultural Sciences |
| 2018338030 | NEC Corporation | 2019314583 | Qingdao Haier Co., Ltd. |
| 2018338184 | Merck Sharp & Dohme Corp. | | |
| 2018338433 | Fluid Equipment Development Company, LLC | | |
| 2018339091 | Seminis Vegetable Seeds, Inc. | | |
| 2018340865 | Alfred Health; Peking University Third Hospital | | |
| 2018341136 | Novartis AG | | |
| 2018341154 | Novartis AG | | |
| 2018341716 | Verb Surgical Inc. | | |
| 2018341922 | Omniceil, Inc. | | |
| 2018341961 | Illinois Tool Works Inc. | | |
| 2018343239 | Novartis AG | | |
| 2018344309 | Lenzing Aktiengesellschaft | | |
| 2018344417 | Covagen AG | | |
| 2018344469 | Borealis AG | | |
| 2018345306 | Depuy Ireland Unlimited Company | | |
| 2018345580 | Lenzing Aktiengesellschaft | | |
| 2018345581 | Lenzing Aktiengesellschaft | | |
| 2018345729 | VMware, Inc. | | |
| 2018345806 | Prothena Biosciences Limited | | |
| 2018345807 | Prothena Biosciences Limited | | |
| 2018346452 | Lenzing Aktiengesellschaft | | |
| 2018346586 | MTD Products Inc | | |
| 2018346758 | Bernstein, A.; Levine, J.; Edwards, P. | | |
| 2018348429 | Numab Therapeutics AG | | |
| 2018348430 | Numab Therapeutics AG | | |
| 2018348431 | Numab Therapeutics AG | | |
| 2018348907 | Schenck Process Europe GmbH | | |
| 2018349961 | Eisai R&D Management Co., Ltd. | | |
| 2018350086 | CommScope Connectivity Belgium BVBA | | |
| 2018350693 | F. Hoffmann-La Roche AG | | |
| 2018351481 | CureVac AG | | |
| 2018351586 | Biotage AB | | |
| 2018351858 | Raytheon Company | | |
| 2018353291 | SWISS KRONO Tec AG | | |
| 2018354090 | Epitacker, Inc. | | |
| 2018354181 | Cerebral Therapeutics LLC | | |
| 2018354407 | Boston Scientific Scimed, Inc. | | |
| 2018357175 | Kingfa Sci. & Tech. Co., Ltd. | | |
| 2018357176 | Kingfa Sci. & Tech. Co., Ltd. | | |
| 2018361465 | FrieslandCampina Nederland B.V. | | |
| 2018361705 | Commonwealth Scientific and Industrial Research Organisation | | |
| 2018362997 | VR Coaster GmbH & Co. KG | | |
| 2018363333 | Guangdong Oppo Mobile Telecommunications Corp., Ltd. | | |

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| 2018329244 | | | | 2018310410 | 2018340865 |
| | <u>A01P 13 /-</u> | 2018305652 | <u>A61B 34 /-</u> | 2018313933 | 2018345806 |
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| 2018322498 | 2018314490 | <u>A44B 11 /-</u> | 2018316092 | 2018317403 | 2019232621 |
| 2018346586 | | | 2018341716 | 2018318692 | <u>A61K 39 /-</u> |
| | <u>A01P 3 /-</u> | 2018322923 | <u>A61B 5 /-</u> | 2018320021 | 2017426847 |
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| 2018339091 | | | 2018306713 | 2018320562 | 2018309169 |
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| 2018339091 | | | 2018315630 | 2018323443 | 2018322032 |
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| 2018339091 | | | 2018329432 | 2018327170 | 2018322776 |
| 2019303422 | <u>A23F 5 /-</u> | 2018319491 | 2018328768 | 2018328131 | 2018327170 |
| | | | 2018328273 | 2018328768 | 2018330584 |
| <u>A01K 67 /-</u> | 2018318126 | <u>A47C 27 /-</u> | 2018329047 | 2018330171 | 2018336623 |
| 2018328193 | 2018328193 | | 2018330171 | 2018330329 | 2018336791 |
| | | 2017431197 | 2018331172 | 2018330329 | 2018344417 |
| 2018345806 | <u>A23J 1 /-</u> | <u>A47C 31 /-</u> | 2018335160 | 2018331172 | 2018345806 |
| | 2018323964 | | 2018336171 | 2018335160 | 2018348429 |
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| 2018322317 | 2018323964 | | 2018337933 | 2018337815 | 2018308332 |
| 2018401815 | | 2017431197 | 2018341136 | 2018337933 | 2018322032 |
| | <u>A23J 3 /-</u> | <u>A47C 7 /-</u> | 2018341154 | 2018341136 | 2018322032 |
| <u>A01N 25 /-</u> | 2018361465 | | 2018343239 | 2018341154 | 2018324070 |
| 2018314488 | | 2018333271 | 2018343239 | 2018343239 | 2018328131 |
| 2018314490 | <u>A23K 10 /-</u> | <u>A47J 31 /-</u> | 2018345806 | 2018345806 | 2018328273 |
| 2018333058 | 2018323964 | | 2018345807 | 2018345807 | 2018337933 |
| 2018335754 | | 2018308355 | 2018349961 | 2018349961 | 2018354181 |
| | <u>A23L 11 /-</u> | 2018318126 | 2018350693 | 2018350693 | <u>A61K 47 /-</u> |
| <u>A01N 31 /-</u> | 2018323964 | 2018326229 | 2018354090 | 2018354090 | 2018306149 |
| 2018333058 | | 2018328193 | 2018354181 | 2018354181 | 2018307794 |
| | <u>A23L 13 /-</u> | <u>A47J 37 /-</u> | 2018379448 | 2018379448 | 2018311375 |
| <u>A01N 33 /-</u> | 2018323964 | | 2018390826 | 2018390826 | 2018324097 |
| 2018310666 | | 2018321476 | <u>A61F 11 /-</u> | <u>A61K 33 /-</u> | 2018327170 |
| | <u>A23L 17 /-</u> | 2018321976 | 2018326831 | 2018325283 | 2018328812 |
| <u>A01N 37 /-</u> | 2018323964 | <u>A47K 10 /-</u> | 2018326832 | 2018327339 | 2018330584 |
| 2018314488 | | | <u>A61F 13 /-</u> | <u>A61K 35 /-</u> | 2018334502 |
| 2018314490 | <u>A23L 2 /-</u> | 2017430148 | 2017431013 | 2018304703 | 2018336623 |
| 2018333058 | 2018361465 | <u>A47L 15 /-</u> | <u>A61F 2 /-</u> | 2018320262 | 2018336791 |
| 2018337760 | | | 2018320550 | 2018320550 | 2018341136 |
| | <u>A23L 25 /-</u> | 2018336871 | 2018322776 | 2018322776 | 2018341154 |
| <u>A01N 43 /-</u> | 2018323964 | 2018341961 | 2018330584 | 2018330584 | 2018343239 |
| 2018322155 | | <u>A61B 1 /-</u> | 2018330848 | 2018330848 | 2018390826 |
| 2018330784 | <u>A23L 27 /-</u> | 2018346758 | <u>A61F 7 /-</u> | <u>A61K 36 /-</u> | <u>A61K 48 /-</u> |
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| 2018310666 | <u>A23L 33 /-</u> | 2018311972 | | 2018310410 | <u>A61K 49 /-</u> |
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| <u>A61K 8/-</u> | <u>A61M 5/-</u> | 2018322776 2018324097 2018327170 2018327339 2018328273 2018328768 2018329047 2018330329 2018330584 2018335160 2018337815 2018344417 2018348429 2018348430 2018349961 | <u>B01D 11/-</u> | <u>B06B 1/-</u> | <u>B27N 1/-</u> |
| 2017431705 2018309026 2018332820 | 2018326619 2018401815 | | 2018308925 2019217861 | 2018326667 | 2018353291 |
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| | <u>A61P 11/-</u> | | <u>B01D 3/-</u> | <u>B08B 9/-</u> | <u>B27N 9/-</u> |
| | 2018330329 2018330584 | | 2019217861 | 2018306839 | 2018353291 |
| | <u>A61P 13/-</u> | | <u>B01D 33/-</u> | <u>B09B 3/-</u> | <u>B28B 7/-</u> |
| | 2018306299 2018330584 | <u>A61P 37/-</u> | 2018328193 | 2018321059 | 2018333024 |
| | <u>A61P 15/-</u> | 2018320262 2018330329 | <u>B01D 39/-</u> | <u>B21D 35/-</u> | <u>B29B 11/-</u> |
| | 2018330584 | <u>A61P 39/-</u> | 2018310666 | 2018363333 | 2018327694 |
| | <u>A61P 21/-</u> | 2018328131 | <u>B01D 59/-</u> | <u>B21D 39/-</u> | <u>B29B 17/-</u> |
| | 2018328131 2018361465 | <u>A61P 43/-</u> | 2018401815 | 2018325983 | 2018334212 |
| | <u>A61P 25/-</u> | 2018330584 2018354181 | <u>B01D 61/-</u> | <u>B22F 9/-</u> | <u>B29B 7/-</u> |
| | 2018309420 2018317403 2018325283 2018328131 2018330584 2018337933 2018354181 2019232621 | <u>A61P 9/-</u> | 2018338433 | 2017390111 | 2018334212 |
| <u>A61L 2/-</u> | | 2018330584 2018341154 2018343239 | <u>B01J 13/-</u> | <u>B23B 5/-</u> | <u>B29C 48/-</u> |
| 2018323492 | | <u>A61Q 17/-</u> | 2018331251 | 2018337624 | 2018334212 |
| <u>A61L 24/-</u> | <u>A61P 27/-</u> | 2017431705 | <u>B01J 20/-</u> | <u>B23C 3/-</u> | <u>B29C 53/-</u> |
| 2018308332 | 2018311504 2018321926 | <u>A61Q 5/-</u> | 2018310666 2018351586 | 2018337624 | 2018319223 |
| <u>A61L 27/-</u> | | 2018332820 2018333932 | <u>B01J 23/-</u> | <u>B23Q 11/-</u> | <u>B29C 64/-</u> |
| 2018335854 | <u>A61P 29/-</u> | | 2018319625 | 2018336881 | 2018346758 |
| <u>A61L 29/-</u> | 2018313933 2018320021 2018336171 | <u>A62D 101/-</u> | <u>B01J 23/-</u> | <u>B25B 27/-</u> | <u>B29C 65/-</u> |
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| <u>A61M 16/-</u> | | 2018304949 | <u>B02C 21/-</u> | <u>B25J 5/-</u> | 2018319223 2018327694 |
| 2018320505 | <u>A61P 35/-</u> | 2018311261 | <u>B03C 7/-</u> | 2018341716 | <u>B31D 5/-</u> |
| <u>A61M 25/-</u> | 2017426847 2018306299 2018307752 2018307794 2018310410 2018316620 2018318692 2018320550 2018320562 2018322060 | <u>A63F 13/-</u> | 2018323964 | <u>B26D 1/-</u> | 2018307357 |
| 2018324024 2018336924 | | 2017426877 | <u>B05B 1/-</u> | <u>B26D 3/-</u> | <u>B32B 27/-</u> |
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| 2018306299 | | 2018362997 | <u>B05B 7/-</u> | <u>B26D 5/-</u> | <u>B32B 3/-</u> |
| <u>A61M 39/-</u> | | <u>A63G 7/-</u> | 2018323492 2018326415 | 2018307357 | 2018322021 |
| 2018334138 | | 2018362997 | <u>B05D 5/-</u> | <u>B26D 7/-</u> | <u>B32B 37/-</u> |
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| | | 2018309556 | <u>B05D 7/-</u> | <u>B27D 1/-</u> | <u>B32B 38/-</u> |
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| B42D 25 /- | B65D 5 /- | 2018316196 | 2018329047 | C07F 15 /- | C08G 18 /- |
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| 2018328312 | 2017430148 | C07B 61 /- | C07D 401 /- | C07H 21 /- | C08G 63 /- |
| B60B 3 /- | B65D 88 /- | 2018327170 | 2018322155 | 2018329671 | 2018357175 |
| 2018328312 | 2018310374 | C07C 1 /- | 2018328768 | 2018350693 | 2018357176 |
| B60R 13 /- | 2018310375 | 2018329815 | 2018329047 | C07K 1 /- | C08J 3 /- |
| 2018320511 | B65D 90 /- | C07C 11 /- | 2018322155 | 2018329671 | 2018306015 |
| B60T 7 /- | 2018310374 | 2018323000 | 2018328768 | C07K 14 /- | C08J 5 /- |
| 2018331431 | 2018310375 | 2018323000 | 2018329047 | 2018307752 | 2018357175 |
| 2018331433 | B65G 11 /- | C07C 13 /- | 2018328768 | 2018308923 | C08K 3 /- |
| B60T 8 /- | 2018317931 | 2018329815 | 2018329047 | 2018313921 | 2017431705 |
| 2018331431 | B65G 15 /- | C07C 231 /- | C07D 407 /- | 2018322485 | 2018306015 |
| 2018331433 | 2018413069 | 2018327170 | 2018317403 | 2018322776 | 2018310847 |
| B61H 9 /- | B66C 15 /- | C07C 233 /- | C07D 409 /- | 2018328223 | 2018344469 |
| 2018321148 | 2018310750 | 2018327170 | 2018330171 | 2018329671 | C08K 5 /- |
| B61K 9 /- | B67D 1 /- | C07C 235 /- | 2018330584 | 2018330171 | 2018344469 |
| 2018317851 | 2018308355 | 2018324070 | 2018333498 | 2018330171 | 2018344469 |
| B63B 21 /- | B67D 7 /- | C07C 37 /- | 2018338184 | 2018330171 | C08L 101 /- |
| 2018332581 | 2018381333 | 2018308925 | 2019243241 | 2018330171 | 2018306015 |
| B64D 47 /- | C01B 32 /- | C07C 39 /- | 2019243242 | C07K 16 /- | C08L 77 /- |
| 2018346758 | 2018310847 | 2018308925 | 2018328768 | 2018307752 | 2018310847 |
| B65B 29 /- | C01B 35 /- | C07C 405 /- | C07D 417 /- | 2018307794 | C09B 11 /- |
| 2018322021 | 2018307393 | 2018324070 | 2018328768 | 2018308364 | 2018319529 |
| B65B 31 /- | | | 2018329047 | 2018312563 | C09C 1 /- |
| 2018322021 | | | 2018330784 | 2018322032 | |
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| | | | | 2018322485 | |
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| | | | | 2018327170 | |
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| | | | | 2018336171 | |
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|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <u>C09C 3/-</u> | <u>C12N 5/-</u> | <u>D01F 1/-</u> | <u>E02F 9/-</u> | <u>E21B 17/-</u> | <u>F04B 9/-</u> |
| 2018307393 | 2018309169 | | | | 2018390816 |
| <u>C09D 101/-</u> | 2018311504 | 2018334212 | 2017425235 | 2017433747 | <u>F04C 29/-</u> |
| | 2018328223 | 2018346452 | 2018319977 | | |
| 2017430154 | 2018330584 | <u>D01F 2/-</u> | <u>E03C 1/-</u> | <u>E21B 19/-</u> | 2018306257 |
| <u>C09D 11/-</u> | 2018333498 | | | 2018321276 | <u>F04D 15/-</u> |
| | 2018335254 | 2018344309 | 2018306839 | <u>E21B 21/-</u> | |
| 2018306015 | 2018335854 | 2018345580 | | 2018328759 | 2018381333 |
| 2018307393 | <u>C12N 7/-</u> | 2018345581 | <u>E03F 9/-</u> | 2018333278 | <u>F15C 1/-</u> |
| | | 2018346452 | | 2019217861 | |
| <u>C09D 123/-</u> | 2018320550 | <u>D01F 6/-</u> | 2018306839 | <u>E21B 33/-</u> | 2018305878 |
| | 2018330848 | | <u>E04B 1/-</u> | | <u>F16D 65/-</u> |
| 2017430150 | <u>C12N 9/-</u> | 2018334212 | 2018316196 | 2017433747 | 2018328312 |
| 2017430154 | | <u>D02G 3/-</u> | 2018330730 | | |
| <u>C09D 17/-</u> | 2018313921 | | <u>E04B 5/-</u> | <u>E21B 34/-</u> | <u>F16G 13/-</u> |
| | 2018322748 | 2018345580 | | 2017442107 | 2018310750 |
| 2018307393 | 2018328223 | 2018346452 | 2018330730 | | |
| <u>C09D 191/-</u> | 2019243241 | <u>D03D 1/-</u> | <u>E04B 9/-</u> | <u>E21B 41/-</u> | <u>F16K 1/-</u> |
| | 2019243242 | | | 2019217861 | 2018311714 |
| 2017430154 | <u>C12P 13/-</u> | 2018344309 | 2018316196 | <u>E21B 43/-</u> | 2018390558 |
| <u>C09D 5/-</u> | | 2018345581 | <u>E04C 3/-</u> | | 2019226991 |
| | 2019243241 | <u>D03D 15/-</u> | | 2017433747 | <u>F16K 15/-</u> |
| 2017430150 | 2019243242 | | 2018330730 | 2018321150 | |
| 2017430154 | <u>C12P 19/-</u> | 2018344309 | | <u>E21B 47/-</u> | 2019226991 |
| <u>C09J 7/-</u> | | 2018345581 | <u>E04F 11/-</u> | | |
| | 2018313286 | 2018346452 | | 2018321150 | <u>F16K 17/-</u> |
| 2018322361 | <u>C12P 21/-</u> | <u>D04B 1/-</u> | 2018307791 | <u>E21B 49/-</u> | 2018390558 |
| <u>C09K 3/-</u> | | | <u>E04F 13/-</u> | | <u>F16K 27/-</u> |
| | 2018330584 | 2018345580 | 2019226990 | 2018328759 | 2018390558 |
| 2017430150 | <u>C12P 7/-</u> | <u>D04B 21/-</u> | | 2018333278 | |
| 2018307393 | | | <u>E04F 15/-</u> | | <u>F16K 31/-</u> |
| <u>C10M 175/-</u> | 2018333982 | 2018345580 | | <u>F01K 3/-</u> | 2019226991 |
| | <u>C12Q 1/-</u> | <u>D04H 3/-</u> | 2018307791 | | <u>F16L 11/-</u> |
| 2019217861 | | | <u>E04F 17/-</u> | 2018312516 | 2018319223 |
| <u>C11C 1/-</u> | 2018313286 | 2018327694 | | <u>F01M 13/-</u> | <u>F16L 55/-</u> |
| | 2018318230 | <u>D06F 33/-</u> | 2018317931 | | 2018319635 |
| 2018354090 | 2018339091 | | <u>E04F 19/-</u> | 2018327187 | <u>F16M 11/-</u> |
| <u>C12N 1/-</u> | <u>C22B 34/-</u> | 2018312763 | | <u>F02M 35/-</u> | 2018325154 |
| | | <u>D06F 34/-</u> | 2019226990 | | <u>F21K 2/-</u> |
| 2018329671 | 2017345609 | | <u>E04G 17/-</u> | 2018327187 | |
| 2018330584 | 2017390111 | 2018312763 | | <u>F03D 9/-</u> | 2018322692 |
| 2018333982 | <u>C22C 1/-</u> | <u>D06F 39/-</u> | 2018333024 | | <u>F21S 2/-</u> |
| <u>C12N 15/-</u> | | | <u>E04G 5/-</u> | 2017426414 | 2018322692 |
| | 2017390111 | 2018312763 | | <u>F04B 3/-</u> | |
| 2018308923 | <u>C22C 14/-</u> | <u>D06F 58/-</u> | 2018333024 | | <u>F21K 9/-</u> |
| 2018309026 | | | <u>E04H 12/-</u> | 2018381333 | 2018308111 |
| 2018311504 | 2017390111 | 2018312763 | | <u>F04B 39/-</u> | |
| 2018313921 | <u>C25B 1/-</u> | | 2018310683 | | <u>F21K 9/-</u> |
| 2018318230 | | <u>E01C 19/-</u> | <u>E04H 5/-</u> | 2018306257 | 2018322692 |
| 2018319637 | 2018332238 | 2018328001 | | <u>F04B 49/-</u> | |
| 2018322776 | 2018335098 | <u>E01C 23/-</u> | 2018324521 | | <u>F21S 4/-</u> |
| 2018323473 | <u>C25B 11/-</u> | | <u>E05D 15/-</u> | 2018390558 | |
| 2018330584 | | 2018336881 | | <u>F04B 53/-</u> | 2018322692 |
| 2018334039 | 2018332238 | <u>E01H 5/-</u> | 2018315627 | | |
| 2018335571 | | | 2018326391 | 2018390558 | 2018322692 |
| 2018335752 | <u>C25B 9/-</u> | <u>E02D 27/-</u> | <u>E05D 7/-</u> | 2018390816 | |
| 2018350693 | | | | | 2018322692 |
| 2018351481 | 2018335098 | 2018327187 | 2018315627 | | |
| 2019243241 | <u>D01D 1/-</u> | | 2018326391 | | |
| 2019243242 | | 2018310683 | 2018315627 | | |
| | 2018334212 | | 2018326391 | | |

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| F21S 8 /- | F25D 11 /- | 2018328049 2018328050 | G01N 1 /- | 2018350086 2018366371 | G06K 15 /- |
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| | F25D 17 /- | F41H 5 /- | G01N 19 /- | G02B 7 /- | G06K 19 /- |
| | 2018386132 | 2018375093 | 2018306438 | 2017431850 | 2018333024 |
| F21V 21 /- | | F42B 39 /- | G01N 3 /- | G03H 1 /- | G06K 9 /- |
| 2018322692 2018326447 | F25D 19 /- | 2018328046 2018328047 2018328049 2018328050 | 2018306438 2018375093 | 2018327592 | 2018306438 2018325433 |
| | 2018402915 | | G01N 30 /- | G05B 19 /- | |
| F21V 23 /- | F25D 21 /- | G01B 11 /- | 2018336881 2018401815 | 2018336881 2018401815 | G06Q 10 /- |
| 2018326448 | 2018402914 | 2018346758 | 2018351586 | | 2018305559 2018312015 2018324118 |
| F21V 29 /- | F25D 23 /- | G01B 3 /- | G01N 33 /- | G05D 1 /- | |
| 2018321981 2018326448 | 2018309532 2018402915 | 2018319635 | 2018319919 2018320655 2018333276 2018340865 | 2018316850 2018320964 | G06Q 20 /- |
| | F25D 25 /- | G01B 5 /- | | G05G 1 /- | 2018306445 |
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| F21Y 115 /- | F25D 3 /- | 2018321148 | G01P 13 /- | 2018319977 | G06Q 40 /- |
| 2018326448 | 2018320726 | | 2018325513 | | 2018308856 |
| F24F 1 /- | F25D 5 /- | G01C 3 /- | G01R 21 /- | G05G 5 /- | G06Q 50 /- |
| 2018311608 2018311609 2018333383 | 2018320726 | 2018320867 | 2018308393 | 2017426877 | 2017431197 2018324118 2018329244 |
| | F26B 11 /- | G01D 5 /- | G01R 33 /- | 2018319977 | |
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| 2018323394 2018324134 2018324135 2018324670 | F26B 17 /- | G01F 1 /- | | 2018372440 | 2018346758 |
| | 2018333278 | 2018326667 | G01S 15 /- | G06F 13 /- | G06T 7 /- |
| F24F 13 /- | F26B 3 /- | G01J 1 /- | 2018326667 | 2018308355 | 2018316381 2018320964 2018336236 2018338030 |
| 2018311607 2018311608 2018311609 2018323394 2018324134 2018324135 2018333383 | 2017430229 2018333278 | 2018313701 | G01S 17 /- | G06F 16 /- | |
| | F28C 1 /- | G01L 1 /- | 2018322489 2018329874 | 2018327331 2018331263 | G07C 9 /- |
| F24F 140 /- | 2018324521 | 2018306438 2018366371 | G01S 7 /- | G06F 21 /- | 2018304715 |
| 2018323394 2018324135 | F28D 20 /- | G01L 11 /- | 2018313701 2018322489 | 2018305559 2018306445 2018310489 | G07F 11 /- |
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| F24F 7 /- | F28D 7 /- | G01L 5 /- | 2018379824 | G06F 3 /- | G08B 17 /- |
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| F24H 1 /- | 2018325493 | 2018319635 | 2018321148 | G06F 40 /- | 2018315462 |
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| F24H 8 /- | F41A 3 /- | G01M 5 /- | G02B 5 /- | G06F 9 /- | |
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| F25C 5 /- | F41A 9 /- | G01M 7 /- | G02B 6 /- | | 2018317851 |
| 2018309532 | 2018328046 2018328047 | 2018348907 | 2018306438 2018329874 2018346758 | | G09B 23 /- 2018318791 |

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| <u>G09B 9 /-</u> | <u>H01R 43 /-</u> | <u>H04L 5 /-</u> | <u>H04W 76 /-</u> |
| 2018318791 | 2018322455 | 2018317274 | 2018316617 |
| | <u>H02B 1 /-</u> | <u>H04L 7 /-</u> | 2018317224 |
| <u>G09F 3 /-</u> | 2018326448 | 2018308393 | 2018317274 |
| 2018333024 | | | 2018329060 |
| | <u>H02G 1 /-</u> | <u>H04L 9 /-</u> | <u>H04W 84 /-</u> |
| <u>G09G 3 /-</u> | 2018307791 | 2018304716 | 2018317274 |
| 2018370717 | | 2018308527 | |
| | <u>H02G 3 /-</u> | 2018312014 | <u>H05F 3 /-</u> |
| <u>G10K 11 /-</u> | 2018319223 | | 2018307791 |
| 2018326832 | | <u>H04M 1 /-</u> | <u>H05G 1 /-</u> |
| | <u>H02J 7 /-</u> | 2018372440 | 2018312101 |
| <u>G16B 20 /-</u> | 2018321896 | 2018372452 | |
| 2018327331 | | 2018372453 | |
| | <u>H02K 1 /-</u> | <u>H04N 19 /-</u> | |
| <u>G16B 40 /-</u> | 2018306257 | 2018311926 | |
| 2018327331 | | 2018315106 | |
| | <u>H02K 7 /-</u> | | |
| <u>G16H 40 /-</u> | 2018309532 | <u>H04N 5 /-</u> | |
| 2018315630 | | 2018325154 | |
| | <u>H02K 9 /-</u> | | |
| <u>H01B 1 /-</u> | 2018321981 | <u>H04R 1 /-</u> | |
| 2018307791 | | 2018319201 | |
| | <u>H03K 17 /-</u> | 2018326830 | |
| <u>H01B 3 /-</u> | 2018321148 | <u>H04R 25 /-</u> | |
| 2018344469 | | | |
| | <u>H04B 15 /-</u> | 2018326832 | |
| <u>H01B 7 /-</u> | 2018321148 | <u>H04R 5 /-</u> | |
| 2018326830 | | 2018319201 | |
| | <u>H04B 5 /-</u> | | |
| <u>H01H 37 /-</u> | 2018321148 | <u>H04W 12 /-</u> | |
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| | <u>H04J 14 /-</u> | | |
| <u>H01L 31 /-</u> | 2018329874 | <u>H04W 36 /-</u> | |
| 2018332187 | | | |
| | <u>H04L 1 /-</u> | 2017429324 | |
| <u>H01M 10 /-</u> | 2017436757 | 2018311884 | |
| 2018361705 | | <u>H04W 4 /-</u> | |
| | <u>H04L 12 /-</u> | 2018325513 | |
| <u>H01M 8 /-</u> | 2017426131 | 2018331263 | |
| 2018361705 | 2017430163 | | |
| | 2018308527 | <u>H04W 48 /-</u> | |
| <u>H01Q 1 /-</u> | 2018308799 | 2018317274 | |
| 2018326447 | 2018310489 | | |
| 2018326448 | 2018312014 | <u>H04W 52 /-</u> | |
| | 2018345729 | | |
| <u>H01Q 13 /-</u> | <u>H04L 29 /-</u> | 2017425067 | |
| 2018333024 | 2017430791 | <u>H04W 68 /-</u> | |
| | 2018304716 | 2017437925 | |
| <u>H01Q 3 /-</u> | 2018308528 | | |
| 2018326447 | 2018308799 | <u>H04W 72 /-</u> | |
| | 2018309599 | | |
| <u>H01R 13 /-</u> | 2018310489 | 2017425067 | |
| 2018322455 | 2018314454 | 2017426300 | |
| | 2018318922 | 2017435612 | |
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A61C 13/00 (2006.01)
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B29C 67/00 (2006.01)
B33Y 10/00 (2015.01)
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C10G 29/20 (2006.01)
B01J 29/08 (2006.01)
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B01J 35/10 (2006.01)
B01J 37/02 (2006.01)
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A61K 31/167 (2006.01)
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C03B 37/04 (2006.01)
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| 2014279568 | Corning Incorporated; Public University Corporation Yokohama City University | 2015269412 | Excicure, Inc. |
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| 2014284124 | ImmuneXpress Pty Ltd | 2015279216 | Haldor Topsoe A/S |
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| 2014306603 | Northwestern University | 2015286798 | Albemarle Europe SPRL |
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| 2014313753 | Evogene Ltd. | 2015287992 | Hollister Incorporated |
| 2014314053 | Takeda GmbH | 2015287994 | Prophylaxis, LLC |
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| 2014328458 | Allergan Pharmaceuticals International Limited | 2015293548 | Suez Groupe |
| 2014330933 | NDM Technologies Limited | 2015294942 | Société des Produits Nestlé S.A. |
| 2014331841 | Cedars-Sinai Medical Center | 2015298281 | Caterpillar Inc. |
| 2014331909 | Beth Israel Deaconess Medical Center, Inc. | 2015300258 | OncoTherapy Science, Inc. |
| 2014332458 | IGM Biosciences, Inc. | 2015303724 | CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd. |
| 2014337047 | Omeros Corporation; University of Leicester | 2015303798 | National Health Research Institutes |
| 2014343231 | Cybergym Control Ltd | 2015305570 | President and Fellows of Harvard College |
| 2014346682 | Aeromics, Inc. | 2015309018 | Ferag AG |
| 2014354726 | Illumina, Inc. | 2015311626 | Griffith University |
| 2014363270 | Roquette Freres | 2015311751 | ArQule, Inc. |
| 2014364599 | Chuter, T. | 2015317321 | Forma Therapeutics, Inc. |
| 2014373735 | LifeSci Pharmaceuticals, Inc. | 2015318063 | Coleman, A. |
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| 2014383918 | Watanabe Oyster Laboratory Co., Ltd. | 2015320338 | Tate & Lyle Custom Ingredients LLC |
| 2014405896 | Westinghouse Air Brake Technologies Corporation | 2015320349 | Novartis AG |
| 2014414434 | Electrolux Appliances Aktiebolag | 2015320751 | Panavision International, L.P. |
| 2015200544 | PGS Geophysical AS | 2015323575 | SPEX Corporate Holdings Limited |
| 2015202294 | ProductVisionaries, LLC | 2015323702 | OGEDA SA |
| 2015203411 | SharkNinja Operating LLC | 2015326989 | Koninklijke Philips N.V. |
| 2015211150 | Bluebeam Software, Inc. | 2015329767 | NuCan plc |
| 2015213681 | Respivant Sciences GmbH | 2015330645 | Prometic Pharma SMT Limited |
| 2015217535 | GE Global Sourcing LLC | 2015330923 | Vertex Pharmaceuticals Incorporated |
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| 2015228545 | Redhill BioPharma Ltd. | 2015334509 | Killassy, N. |
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| 2015233498 | Ocado Innovation Limited | 2015339721 | Cytec Industries Inc. |
| 2015235864 | Flexible Steel Lacing Company | 2015340613 | ApoGlyX AB |
| 2015237279 | Mask Solutions LLC | 2015343004 | Ab Initio Technology LLC |
| 2015237315 | Nanyang Technological University | 2015343427 | Syngenta Participations AG |
| 2015240863 | Tyco Fire Products LP | 2015343451 | Wm. Wrigley Jr. Company |
| 2015243359 | Lysando AG | 2015344788 | Trane International Inc. |
| 2015243882 | Seattle Children's Hospital (dba Seattle Children's Research Institute) | 2015346342 | Niagara Bottling, LLC; Hanan, J. |
| 2015244228 | BP Corporation North America, Inc. | 2015354868 | Rousselot B.V. |
| 2015246030 | Nanoceutica Laboratories Pvt. Ltd | 2015356923 | Hager-Electro SAS (Societe par Actions Simplifree) |
| 2015249182 | Hunter Douglas Inc. | 2015359222 | Fibroline |
| 2015250636 | Elementz LLC | 2015359424 | Syngenta Participations AG |
| 2015253178 | ColonyConcepts LLC | 2015360513 | Sweetwater Energy, Inc. |
| 2015256331 | Auromedics Pharma LLC | 2015361261 | The United States of America, as represented by the Secretary, Department of Health and Human Services |
| 2015256742 | Fisher & Paykel Healthcare Limited | 2015362045 | Seth, R. |
| 2015258733 | PageCloud Inc. | 2015362724 | Dow Global Technologies LLC; Rohm and Haas Company |
| 2015258831 | Qualcomm Incorporated | 2015365826 | Société des Produits Nestlé S.A. |

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| 2015367383 | Industrie De Nora S.p.A. | 2016300964 | Fuelsave GmbH |
| 2015369651 | Genomatica, Inc. | 2016310398 | Solenis Technologies, L.P. |
| 2015370427 | National Research Council of Canada; Bank of Canada | 2016311179 | SA Photonics, Inc. |
| 2015370757 | SEB S.A. | 2016315627 | Qualcomm Incorporated |
| 2015372508 | General Electric Company | 2016317195 | Qualcomm Incorporated |
| 2015374294 | Seale, J.; Sloan, W. | 2016317990 | Avantium Knowledge Centre B.V. |
| 2015381090 | Fuji Seiko Co.,Ltd.; Fuji Shoji Co.,Ltd. | 2016318434 | Fresenius Medical Care Holdings, Inc. |
| 2015382434 | Biomet Manufacturing, LLC | 2016326714 | C. R. Bard, Inc. |
| 2015383615 | Bluewater Energy Services B.V. | 2016329890 | Nicoventures Holdings Limited |
| 2015398361 | Teleste Oyj | 2016337397 | Fluke Corporation |
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| 2016201984 | Allen-Vanguard Corporation | 2016346752 | Samsung Electronics Co., Ltd. |
| 2016204607 | Tata Consultancy Services Limited | 2016346918 | Qualcomm Incorporated |
| 2016208275 | Eaton Intelligent Power Limited | 2016354029 | Boehringer Ingelheim Animal Health USA Inc. |
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| 2016210991 | Medtrade Products Limited | 2016363679 | DownUnder GeoSolutions Pty Ltd |
| 2016211327 | Qualcomm Incorporated | 2016368494 | Shell Internationale Research Maatschappij B.V. |
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| 2016211551 | VISA International Service Association | 2016386438 | USG Interiors, LLC |
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| 2016215503 | Honeywell International Inc. | 2016400807 | Komatsu Ltd. |
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| 2016222869 | Carbonfree Chemicals Holdings, LLC | 2016416457 | Hewlett-Packard Development Company, L.P. |
| 2016223487 | La Marzocco S.r.l. | 2016422051 | China Tobacco Hunan Industrial Co., Ltd. |
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| 2016225278 | Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited | 2016423756 | New York Air Brake, LLC |
| 2016228408 | Kronos International, Inc. | 2016428163 | Sunman (Hong Kong) Limited |
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| 2016232241 | NGMedical GmbH | 2017205019 | Chengdu Auli Ecological Technology Development Co., Ltd. |
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| 2016238473 | Gnosis S.p.A. | 2017207200 | Telefonaktiebolaget LM Ericsson (publ) |
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| 2016263510 | Integrative Research Laboratories Sweden AB | 2017246564 | Callaway Golf Company |
| 2016264465 | Finite State Research LLC | 2017251685 | Hangzhou Great Star Tools Co., Ltd.; Ratchet Solutions, Inc. |
| 2016265058 | Huntsman P&A Germany GmbH | 2017254921 | Attractive Surgical, LLC |
| 2016270634 | Qualcomm Incorporated | 2017255547 | Shenzhen Kyd Biomedical Technology Co.Ltd |
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| 2016272258 | Teijin Pharma Limited | 2017261477 | Regeneron Pharmaceuticals, Inc. |
| 2016273987 | Progress Profiles SpA | 2017262690 | Welltec Oilfield Solutions AG |
| 2016276292 | Stucchi S.p.A. | 2017263739 | Momentive Performance Materials Korea Co., Ltd |
| 2016276641 | Schaeffler Technologies AG & Co. KG | 2017263740 | Momentive Performance Materials Korea Co., Ltd |
| 2016282821 | EuroChem Agro GmbH | 2017264880 | Hensley Industries, Inc. |
| 2016282944 | Single Buoy Moorings Inc. | 2017266662 | Lenz Ges.m.b.H. |
| 2016285870 | Novus International Inc. | 2017268161 | Intarcia Therapeutics, Inc. |
| 2016287582 | Civitas Therapeutics, Inc. | 2017269850 | Unilever PLC |
| 2016288694 | Ecomed Solutions LLC | 2017270959 | Lee, C. |
| 2016291669 | Inscape Data, Inc. | 2017271330 | Inventio AG |
| 2016291767 | Avintiv Specialty Materials Inc. | 2017276712 | Lysatpharma GmbH |
| 2016293538 | Young, Y. | 2017279563 | Dyson Technology Limited |
| 2016293616 | Blast Motion Inc. | 2017279564 | The Trustees of the University of Pennsylvania |
| 2016295426 | Commonwealth Scientific And Industrial Research Organisation | 2017279579 | Dyson Technology Limited |
| 2016296556 | Sharp Kabushiki Kaisha | 2017279689 | Neste Oyj |
| 2016297821 | Intercept Pharmaceuticals, Inc. | 2017279749 | The Board of Trustees of the Leland Stanford Junior University |
| | | 2017279804 | NovImmune S.A. |
| | | 2017280384 | Alibaba Group Holding Limited |

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| 2017281562 | Inventio AG | 2018203413 | Hayward Industries, Inc. |
| 2017293458 | Golden Renewable Energy, LLC | 2018203508 | Seattle Genetics, Inc. |
| 2017294105 | Goshawk Communications Limited | 2018203586 | Orbis Health Solutions, LLC |
| 2017297610 | Etubics Corporation | 2018203837 | FISHER & PAYKEL HEALTHCARE LIMITED |
| 2017305944 | 3M Innovative Properties Company | 2018203877 | Jarraff Industries, Inc. |
| 2017307628 | W. L. Gore & Associates, Inc. | 2018203942 | Butterfly Network, Inc. |
| 2017310380 | Netflix, Inc. | 2018203978 | Channel Medsystems, Inc. |
| 2017314579 | LG Electronics Inc. | 2018204045 | ConvaTec Technologies Inc. |
| 2017314838 | Amazon Technologies, Inc. | 2018204086 | Janssen Pharmaceutica NV |
| 2017316203 | Tran, D. | 2018204102 | Titan Trailers Inc. |
| 2017320870 | ALTIUM PACKAGING LP; Milacron LLC | 2018204203 | Vertex Pharmaceuticals Incorporated |
| 2017324934 | Boston Scientific Neuromodulation Corporation | 2018204211 | HOWMEDICA OSTEONICS CORP. |
| 2017326964 | Exxonmobil Upstream Research Company | 2018204265 | Apple Inc. |
| 2017331940 | AstraZeneca AB | 2018204286 | Apple Inc. |
| 2017332777 | Apple Inc. | 2018204331 | Five Prime Therapeutics, Inc. |
| 2017335677 | Novelis Inc. | 2018204338 | Polytech GmbH |
| 2017337061 | Amazon Technologies, Inc. | 2018204445 | CommScope Connectivity Belgium BVBA |
| 2017342185 | Palfinger AG | 2018204528 | Monsanto Technology LLC |
| 2017342738 | Roadtec, Inc. | 2018204577 | Monsanto Technology LLC |
| 2017343056 | Wei, J. | 2018204596 | Meso Scale Technologies, LLC |
| 2017350235 | Dainichiseika Color & Chemicals MFG. Co., Ltd. | 2018204630 | Samsung Electronics Co., Ltd. |
| 2017352105 | Triad National Security, LLC; Chevron U.S.A. Inc. | 2018204633 | Tonix Pharmaceuticals, Inc. |
| 2017355932 | Telefonaktiebolaget LM Ericsson (publ) | 2018204759 | VISA International Service Association |
| 2017358571 | British American Tobacco (Investments) Limited | 2018204867 | Mars, Incorporated |
| 2017359582 | Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd. | 2018204891 | Max-Delbrück-Centrum für Molekulare Medizin (MDC) Berlin-Buch |
| 2017371381 | JKP Marine Pty Ltd | 2018205130 | Lonza Cologne GmbH |
| 2017375790 | Novelis Inc. | 2018206741 | LIFETRACK MEDICAL SYSTEMS PRIVATE LTD. |
| 2017376486 | Jarosz, K. | 2018206825 | Velos Media International Limited |
| 2017376532 | Qingdao Haier Joint Stock Co., Ltd | 2018208643 | Trade Conqueror Co., Ltd. Taiwan |
| 2017378364 | CooperVision International Holding Company, LP | 2018208686 | DePuy Products, Inc. |
| 2017379684 | Exxonmobil Upstream Research Company | 2018213793 | Geobruugg AG |
| 2017379685 | ExxonMobil Upstream Research Company | 2018214002 | MasterCraft Boat Company, LLC |
| 2017382566 | Colgate-Palmolive Company | 2018214053 | Janssen Pharmaceutica NV |
| 2017387790 | Arity International Limited | 2018214102 | Ecolab USA Inc. |
| 2017388174 | JFE Steel Corporation | 2018214134 | Crystalgenomics, Inc. |
| 2017395902 | Nikken Lease Kogyo Co., Ltd. | 2018217213 | Washington University; Sage Therapeutics, Inc. |
| 2017396590 | Mitsubishi Electric Corporation | 2018217273 | GW Pharma Limited |
| 2017400227 | Scheppach Fabrikation von Holzbearbeitungsmaschinen GmbH | 2018217805 | Zimmer Biomet CMF and Thoracic, LLC |
| 2017416200 | Henan Longcheng Coal High Efficiency Technology Application Co., Ltd. | 2018219984 | MASTERCARD INTERNATIONAL INCORPORATED |
| 2017418982 | Wright Medical Technology, Inc. | 2018222960 | Sudelac Limited |
| 2017433092 | Nippon Steel & Sumitomo Metal Corporation | 2018223580 | Kawasaki Jukogyo Kabushiki Kaisha |
| 2018200324 | Omeros Corporation; University of Leicester | 2018225111 | Colgate-Palmolive Company |
| 2018200542 | Inovio Pharmaceuticals, Inc.; The Trustees of The University of Pennsylvania | 2018229433 | Swiss Reinsurance Company Ltd. |
| 2018200747 | Apple Inc. | 2018230861 | Becton, Dickinson and Company |
| 2018200929 | GEN-PROBE INCORPORATED | 2018236818 | Gravity Power LLC |
| 2018200955 | Dow AgroSciences LLC | 2018237050 | Cardiac Pacemakers, Inc. |
| 2018201010 | President and Fellows of Harvard College | 2018241117 | Accenture Global Solutions Limited |
| 2018201392 | ImmunoGen, Inc. | 2018241173 | Rheavendors Services S.p.A. |
| 2018201487 | Tata Consultancy Services Limited | 2018245278 | The Yokohama Rubber Co., Ltd. |
| 2018201492 | PGS Geophysical AS | 2018247242 | Agios Pharmaceuticals, Inc. |
| 2018201631 | ESCO Group LLC | 2018247341 | Kabushiki Kaisha Toyota Jidoshokki |
| 2018201677 | Spectrum Brands, Inc. | 2018251565 | Hazelett Strip-Casting Corporation |
| 2018201735 | ESCO Group LLC | 2018253533 | Novopyxis, Inc. |
| 2018201768 | Children's Medical Center Corporation | 2018253543 | Ottawa Heart Institute Research Corporation |
| 2018201861 | Yuan Mei Corp. | 2018254119 | Hoya Corporation |
| 2018202016 | Janssen Biotech, Inc. | 2018256458 | Baylor University |
| 2018202372 | Depuy Ireland Unlimited Company | 2018256630 | Maggiore, L. |
| 2018202763 | iXensor Co., Ltd. | 2018256659 | Weatherford Technology Holdings, LLC |
| 2018202831 | Société des Produits Nestlé S.A. | 2018256660 | ACTV8, Inc. |
| 2018202837 | GIGA KOREA Co., Ltd. | 2018257311 | Wood One Co., Ltd. |
| 2018202879 | Grünenthal GmbH | 2018260842 | HANSEN DEVELOPMENTS LIMITED |
| 2018203012 | 10X Genomics, Inc. | 2018264116 | Anacor Pharmaceuticals, Inc. |
| 2018203087 | Regeneron Pharmaceuticals, Inc. | 2018264119 | Implantica Patent Ltd |
| 2018203164 | Monsanto Technology LLC | 2018269863 | ClearStream Technologies Limited |
| 2018203205 | Keryx Biopharmaceuticals, Inc. | 2018271306 | Vivi B.V. |
| 2018203222 | Ferring BV | 2018271382 | Infineum International Limited |
| 2018203318 | Magic Leap, Inc. | 2018275013 | Palm Nutraceuticals Sdn Bhd |
| 2018203352 | Weber-Stephen Products LLC | 2018282406 | Optimedica Corporation |
| | | 2018282474 | Chaei Hsin Enterprise Co., Ltd. |
| | | 2018301332 | Superbolt, Inc. |
| | | 2018301902 | Zhongshan Powtek Appliances Mfg., Ltd. |

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2018307710 Uber Technologies, Inc.
2018308962 Alfons Haar, Inc.
2018323652 Samsung Electronics Co., Ltd.
2018346901 Adeka Corporation
2018353927 Taiyuan University of Technology
2018353937 North China University of Technology
2018388932 Qilu University of Technology
2018391746 Canon Kabushiki Kaisha
2019200151 OMS INVESTMENTS, INC.
2019200159 Macrogenics, Inc.
2019200239 Husqvarna AB
2019200395 Oren Technologies, LLC
2019200600 Covidien LP
2019200679 GSW Creative Corporation
2019200821 Equinix, Inc.
2019201004 Covidien LP
2019201036 Graco Minnesota Inc.
2019201219 Apple Inc.
2019201234 Singapore Health Services Pte. Ltd.
2019201268 Zazzle Inc.
2019201523 Hufcor, Inc.
2019201552 Apple Inc.
2019201990 The Regents of the University of California
2019202874 Mexichem Fluor S.A. de C.V.
2019202875 Mexichem Fluor S.A. de C.V.
2019202937 McCloskey International Limited
2019203014 Monsanto Technology LLC
2019203015 Monsanto Technology LLC
2019203021 Monsanto Technology LLC
2019203025 Monsanto Technology LLC
2019203695 TouchPoint Medical, Inc.
2019203790 Mallinckrodt Hospital Products IP Limited
2019203965 Crossroads Extremity Systems, LLC
2019204152 Snap-on Incorporated
2019206096 Shaanxi University of Technology
2019208272 THE CHEMOURS COMPANY FC, LLC
2019229390 IsoLynx, LLC
2019246905 Monsanto Technology LLC
2019246911 The University of Sydney
2019258504 Fibriant B.V.
2019268103 Carlsberg A/S
2020200377 Edwards Lifesciences Corporation
2020200787 YAN, C.Y.; YAN, A.A.
2020200795 Apple Inc.

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| 2019246911 | 2017205019 | 2015365826 | 2015331047 | 2019201552 | 2016287582 |
| <u>A01D 43 /-</u> | <u>A01N 59 /-</u> | <u>A23L 5 /-</u> | <u>A47J 31 /-</u> | 2019203790 | 2017239348 |
| 2019246911 | 2016285870 | 2015294942 | 2016223487 | <u>A61B 6 /-</u> | 2017331940 |
| <u>A01G 13 /-</u> | <u>A01N 63 /-</u> | <u>A24B 15 /-</u> | 2017231093 | 2018253543 | 2018200324 |
| 2018271306 | 2015359424 | 2017358571 | 2018241173 | <u>A61B 90 /-</u> | 2018202879 |
| <u>A01G 25 /-</u> | <u>A01N 65 /-</u> | <u>A24B 3 /-</u> | <u>A47J 37 /-</u> | 2016271045 | 2018203205 |
| 2016263299 | 2016249864 | 2017358571 | 2015370757 | <u>A61C 13 /-</u> | 2018204086 |
| 2019200239 | <u>A01P 5 /-</u> | <u>A24D 3 /-</u> | 2018203352 | 2017305944 | 2018204203 |
| <u>A01G 27 /-</u> | 2015359424 | 2017358571 | <u>A47J 43 /-</u> | <u>A61F 13 /-</u> | 2018204633 |
| 2018271306 | 2016249864 | <u>A24F 47 /-</u> | 2015203411 | 2016291767 | 2018214134 |
| <u>A01G 31 /-</u> | <u>A01P 7 /-</u> | 2016329890 | <u>A47J 44 /-</u> | <u>A61F 2 /-</u> | 2018217213 |
| 2015381090 | 2015359424 | 2016422051 | 2015203411 | 2014364599 | 2018217273 |
| <u>A01H 5 /-</u> | <u>A23B 4 /-</u> | 2017358571 | <u>A47L 5 /-</u> | 2015288309 | 2018247242 |
| 2014313753 | 2015370757 | 2019200679 | 2017314579 | 2016210692 | 2018264116 |
| 2018200955 | <u>A23D 9 /-</u> | <u>A41B 11 /-</u> | <u>A47L 9 /-</u> | 2016371525 | 2019201990 |
| 2019246905 | 2015365826 | 2017266662 | 2016216750 | 2017255547 | 2019202874 |
| <u>A01K 67 /-</u> | <u>A23G 1 /-</u> | <u>A41D 13 /-</u> | 2017279563 | 2017258851 | 2019202875 |
| 2017261477 | 2015365826 | 2015221952 | 2017279579 | 2017307628 | <u>A61K 33 /-</u> |
| 2017279749 | <u>A23G 3 /-</u> | 2017266662 | 2017314579 | 2017343056 | 2018256458 |
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| 2016250566 | 2015365826 | 2018282474 | 2015284810 | 2018264119 | 2014218290 |
| <u>A01M 21 /-</u> | <u>A23J 3 /-</u> | <u>A45D 34 /-</u> | 2018254119 | 2018269863 | 2014383918 |
| 2019246911 | 2018202831 | 2015250636 | <u>A61B 17 /-</u> | 2020200377 | 2015300258 |
| <u>A01M 27 /-</u> | <u>A23J 7 /-</u> | <u>A45D 40 /-</u> | 2015284810 | <u>A61F 5 /-</u> | 2015303798 |
| 2018256630 | 2018202831 | 2015250636 | 2018254119 | 2018204045 | 2017276712 |
| <u>A01M 3 /-</u> | <u>A23K 20 /-</u> | <u>A45F 3 /-</u> | <u>A61B 18 /-</u> | <u>A61F 7 /-</u> | 2017279564 |
| 2018256630 | 2018204867 | 2015318063 | 2014201877 | 2018203837 | 2018200324 |
| <u>A01N 25 /-</u> | <u>A23K 40 /-</u> | <u>A47B 21 /-</u> | 2015382434 | <u>A61F 9 /-</u> | 2018201768 |
| 2015343427 | 2018204867 | 2019203695 | 2016211398 | 2018282406 | 2015243359 |
| 2016354029 | <u>A23K 50 /-</u> | <u>A47C 1 /-</u> | 2016232241 | <u>A61K 31 /-</u> | 2015300258 |
| <u>A01N 27 /-</u> | 2015294942 | 2020200787 | 2016255349 | 2014236559 | 2015303798 |
| 2014236559 | 2018204867 | <u>A47C 11 /-</u> | 2016271045 | 2014273946 | 2016379403 |
| <u>A01N 37 /-</u> | <u>A23L 2 /-</u> | <u>A47C 17 /-</u> | 2017343056 | 2014306366 | 2017268161 |
| 2014331841 | 2016225278 | 2015331047 | 2017418982 | 2014346682 | 2017279564 |
| 2016285870 | 2017316203 | <u>A47C 3 /-</u> | 2018202372 | 2014363270 | 2018200324 |
| <u>A01N 43 /-</u> | <u>A23L 29 /-</u> | 2015331047 | 2018208686 | 2014363270 | 2018203222 |
| 2015343427 | 2014306366 | <u>A47C 7 /-</u> | 2018217805 | 2014373735 | 2019258504 |
| 2015359424 | 2017316203 | 2019203965 | 2018269863 | 2015213681 | <u>A61K 39 /-</u> |
| 2017205019 | 2018256458 | <u>A47C 11 /-</u> | 2019201004 | 2015228545 | 2014274840 |
| | | <u>A47C 17 /-</u> | 2019203965 | 2015256331 | 2014306603 |
| | | 2020200787 | <u>A61B 18 /-</u> | 2015291203 | 2014312086 |
| | | <u>A47C 3 /-</u> | 2018203978 | 2015303724 | 2014314053 |
| | | 2020200787 | 2019200600 | 2015311626 | 2014318615 |
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| | | | 2016229868 | 2015317321 | 2014331909 |
| | | | <u>A61B 5 /-</u> | 2015318233 | 2015263286 |
| | | | 2015372508 | 2015320349 | 2015269412 |
| | | | 2016326714 | 2015330645 | 2015300258 |
| | | | 2017294105 | 2015340613 | 2017205453 |
| | | | 2018202763 | 2015366636 | 2017297610 |
| | | | 2018206741 | 2016238473 | 2018200324 |
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| 2018204891 | A61M 15 /- | 2015300258 | A61P 33 /- | | |
| 2019200159 | | 2017279564 | | A62D 1 /- | B01J 29 /- |
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| | 2018253533 | A61P 11 /- | | 2019208272 | 2015286798 |
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| 2015291203 | | 2015300258 | | A63B 24 /- | B01J 31 /- |
| 2017205453 | A61M 16 /- | 2016272258 | 2015300258 | | |
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| A61K 47 /- | 2015213681 | | 2015317321 | | |
| | 2015237279 | A61P 13 /- | 2015318233 | A63B 53 /- | B01J 35 /- |
| 2015256331 | 2015256742 | | 2015366636 | | |
| 2015281149 | 2018203837 | 2015300258 | 2016272258 | 2017246564 | 2015286798 |
| 2018256458 | 2019203790 | 2015340613 | 2017239348 | | 2016265058 |
| | | 2018203205 | 2018204086 | A63B 71 /- | |
| A61K 48 /- | A61M 21 /- | | 2018204891 | | B01J 37 /- |
| | | A61P 15 /- | 2018214134 | 2017376486 | |
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| 2015300258 | | 2015300258 | 2019201990 | A63B 9 /- | |
| 2017279564 | A61M 25 /- | | | | B01J 38 /- |
| 2018200542 | | A61P 17 /- | A61P 37 /- | 2017376486 | |
| | 2014364599 | | | | 2015286798 |
| A61K 49 /- | 2017229111 | 2017279564 | | A63F 13 /- | |
| | 2018230861 | | 2015213681 | | B01L 3 /- |
| 2014316839 | | A61P 19 /- | 2015300258 | 2015362045 | |
| | A61M 29 /- | | 2015340613 | 2017239504 | 2018200929 |
| A61K 51 /- | | 2015300258 | 2017205019 | | |
| | 2020200377 | 2015330645 | 2017279564 | A63F 9 /- | B05B 1 /- |
| 2018253543 | | 2016272258 | 2018200324 | | |
| | A61M 3 /- | 2017279564 | 2018203087 | 2018256660 | 2015281149 |
| A61K 8 /- | | 2018204331 | | | |
| | 2015287992 | | A61P 43 /- | A63H 33 /- | B05B 11 /- |
| 2016354029 | | A61P 21 /- | | | |
| 2017382566 | A61M 31 /- | | 2016272258 | 2017316203 | 2018253533 |
| 2018214102 | | 2017279564 | | | 2019201036 |
| 2018225111 | 2015287994 | 2018200324 | A61P 5 /- | B01D 25 /- | |
| | 2018253533 | | | | B05B 9 /- |
| A61K 9 /- | | A61P 25 /- | 2017279564 | 2017236293 | |
| | A61M 35 /- | | 2018203222 | | 2019200151 |
| 2014330933 | | 2014363270 | A61P 7 /- | B01D 33 /- | |
| 2015228545 | 2018253533 | 2015300258 | | | B06B 1 /- |
| 2015246030 | | 2016248969 | 2017279564 | 2017236293 | |
| 2015269412 | A61M 37 /- | 2016263510 | 2018203205 | | 2018203942 |
| 2015281149 | | 2016272258 | | B01D 46 /- | |
| 2015291203 | 2014330933 | 2016379403 | A61P 9 /- | | B21D 13 /- |
| 2016287582 | | 2017279564 | | 2017379684 | |
| 2018203012 | A61M 39 /- | 2018202879 | 2014363270 | | 2018308962 |
| 2018203205 | | 2018204633 | 2016272258 | B01D 53 /- | |
| 2018256458 | 2016200305 | 2018214134 | 2017279564 | | B21D 51 /- |
| 2019202874 | 2018230861 | 2018217213 | 2018200324 | 2016222869 | |
| 2019202875 | | | | 2016265058 | 2018308962 |
| | A61M 5 /- | A61P 29 /- | A61Q 11 /- | 2016317990 | |
| A61L 15 /- | | | | 2017326964 | B22D 11 /- |
| | 2018230861 | 2016272258 | 2017382566 | 2017379684 | |
| 2016210991 | 2018253533 | 2017279564 | 2018225111 | 2017379685 | 2018251565 |
| | 2018253543 | 2018204086 | | | |
| A61L 24 /- | 2019201234 | 2018204331 | A61Q 19 /- | B01D 61 /- | B22D 18 /- |
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| 2015354868 | A61N 1 /- | A61P 3 /- | 2016354029 | 2015237315 | 2017246564 |
| | | | 2018214102 | 2015264168 | |
| A61M 1 /- | 2017324934 | 2014306366 | | | B22D 21 /- |
| | 2018205130 | 2015291203 | A61Q 5 /- | B01D 65 /- | |
| | 2018237050 | 2015340613 | | | 2017246564 |
| 2016288694 | | 2016248969 | 2016354029 | 2015264168 | |
| 2016318434 | A61N 2 /- | 2017279564 | | | B22D 25 /- |
| 2017276712 | | 2018203205 | A62C 3 /- | B01J 20 /- | |
| 2018204045 | 2017254921 | | | | 2017246564 |
| | | A61P 31 /- | 2015240863 | 2017379684 | |
| A61M 11 /- | A61N 5 /- | | | 2017379685 | B22F 3 /- |
| | | 2015243359 | A62C 35 /- | | |
| 2015281149 | 2017279749 | 2015311626 | | B01J 21 /- | 2017379684 |
| 2018253533 | | 2017205019 | 2015240863 | | 2018204211 |
| | A61P 1 /- | 2019201990 | | 2016265058 | |
| A61M 13 /- | | 2019258504 | A62C 37 /- | | B23P 19 /- |
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| 2018301332 | 2017305944 2018204211 | 2018204102 | 2015346342 2017320870 | 2018353927 | 2015330645 |
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| 2017251685 | 2017305944 | 2017225056 | 2017320870 | 2017342185 | 2015330645 |
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| 2018301332 | 2017379684 | 2017225056 | 2015268984 2015343451 | 2018203942 | 2016263510 |
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| 2018301332 | 2016416457 2017350235 | 2016282944 | 2015343451 | 2018201010 | 2016287582 2017239348 |
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| 2016216750 | 2015370427 | 2017371381 | 2015268984 | 2016222869 | 2015311751 |
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| 2017400227 | 2018245278 | 2017225056 | 2015320338 | 2017242014 | 2015330923 |
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| <u>B27G 19 /-</u> | <u>B60P 3 /-</u> | <u>B63B 32 /-</u> | <u>B65G 1 /-</u> | <u>C03B 37 /-</u> | <u>C07D 239 /-</u> |
| 2017400227 | 2016400807 | 2016223927 | 2015233498 | 2016386438 | 2015303724 |
| <u>B28B 1 /-</u> | <u>B60P 7 /-</u> | <u>B63B 35 /-</u> | <u>B65G 17 /-</u> | <u>C03B 5 /-</u> | <u>C07D 241 /-</u> |
| 2017379684 | 2018204102 | 2016282944 | 2015309018 | 2017221255 | 2015323702 |
| <u>B29B 15 /-</u> | <u>B60Q 1 /-</u> | <u>B63B 7 /-</u> | <u>B65G 19 /-</u> | <u>C04B 26 /-</u> | <u>C07D 263 /-</u> |
| 2015359222 | 2017387790 | 2016240283 | 2015309018 | 2016386438 | 2016233227 2018214053 |
| <u>B29C 64 /-</u> | <u>B60T 13 /-</u> | <u>B63C 9 /-</u> | <u>B65G 21 /-</u> | <u>C05F 17 /-</u> | <u>C07D 265 /-</u> |
| 2017379684 2018204211 | 2016423756 | 2016240283 | 2019202937 | 2018208643 | 2015339721 |
| <u>B29C 67 /-</u> | <u>B60T 15 /-</u> | <u>B63H 25 /-</u> | <u>B65G 3 /-</u> | <u>C05G 3 /-</u> | <u>C07D 311 /-</u> |
| 2017305944 2017379684 | 2016423756 | 2018214002 | 2019200395 | 2016282821 | 2018275013 |
| <u>B29D 11 /-</u> | <u>B60T 17 /-</u> | <u>B63H 5 /-</u> | <u>B65G 33 /-</u> | <u>C07B 45 /-</u> | <u>C07D 401 /-</u> |
| 2017378364 | 2016423756 2017387790 | 2018214002 | 2015360513 | 2015320349 | 2014373735 2015317321 2016260784 2018247242 |
| <u>B32B 19 /-</u> | <u>B60W 10 /-</u> | <u>B64C 21 /-</u> | <u>B65G 45 /-</u> | <u>C07C 2 /-</u> | <u>C07D 403 /-</u> |
| 2016386438 | 2018247341 | 2016201149 | 2015235864 | 2015286798 | 2015303724 2017239348 2018214134 |
| <u>B32B 21 /-</u> | <u>B61B 10 /-</u> | <u>B64C 27 /-</u> | <u>B65G 9 /-</u> | <u>C07C 231 /-</u> | <u>C07D 405 /-</u> |
| 2018257311 | 2015309018 | 2015374294 | 2015309018 | 2015323702 | 2015311626 2015317321 |
| <u>B32B 25 /-</u> | <u>B61D 43 /-</u> | <u>B65B 3 /-</u> | <u>B66B 23 /-</u> | <u>C07C 317 /-</u> | <u>C07D 409 /-</u> |
| 2018269863 | 2016276641 | 2015294942 | 2017271330 | 2015339721 | 2015317321 2017239348 |
| <u>B32B 5 /-</u> | <u>B61L 25 /-</u> | <u>B65B 35 /-</u> | <u>B66B 25 /-</u> | <u>C07C 37 /-</u> | <u>C07D 409 /-</u> |
| 2016386438 | 2015217535 | 2016255349 | 2017281562 | 2016238473 | 2015317321 2017239348 |
| <u>B32B 7 /-</u> | <u>B62D 5 /-</u> | <u>B65B 39 /-</u> | <u>B66B 29 /-</u> | <u>C07C 39 /-</u> | <u>C07D 413 /-</u> |
| 2016386438 | 2018203413 | 2015294942 | 2017281562 | 2016238473 | 2015317321 |
| | | <u>B65B 43 /-</u> | | | |
| | | 2016255349 | | | |

Applications Accepted - IPC Index cont'd

| | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| 2015318233 | <u>C07K 1/-</u> | 2016285870 | <u>C09K 3/-</u> | 2014237635 | 2015305570 |
| <u>C07D 417/-</u> | 2014328458 | <u>C08G 77/-</u> | 2016213104 | 2014313753 | 2017279564 |
| 2015317321 | 2015264168 | 2017263740 | 2019208272 | 2015264168 | 2018201010 |
| 2015340613 | 2015291123 | | | 2015300258 | 2018202016 |
| 2017331940 | 2015354868 | | | 2015369651 | 2018204331 |
| | <u>C07K 14/-</u> | <u>C08J 5/-</u> | <u>C09K 5/-</u> | 2016357609 | <u>C12R 1/-</u> |
| <u>C07D 471/-</u> | 2014313753 | 2019206096 | 2015344788 | 2017261477 | 2017279564 |
| 2015317321 | 2015243882 | <u>C08J 9/-</u> | 2019208272 | 2017279564 | |
| 2015318233 | 2015291123 | | | 2017297610 | <u>C13K 13/-</u> |
| 2016272258 | 2015361261 | 2016244865 | <u>C10G 1/-</u> | 2018200955 | 2016317990 |
| 2017331940 | 2017268161 | 2019208272 | 2017416200 | 2018203164 | |
| | 2017279564 | <u>C08K 3/-</u> | <u>C10G 29/-</u> | 2018204528 | <u>C21D 8/-</u> |
| <u>C07D 487/-</u> | 2017297610 | 2017263739 | 2015286798 | 2018204577 | 2017433092 |
| 2015318233 | 2018200542 | 2019206096 | <u>C10G 3/-</u> | 2018205130 | |
| 2015323702 | 2018202016 | | 2017279689 | 2019203014 | <u>C22B 1/-</u> |
| 2015366636 | 2018204891 | <u>C08L 67/-</u> | <u>C10G 3/-</u> | 2019203021 | 2017227235 |
| 2016248969 | 2019203014 | 2019206096 | 2017279689 | 2019203025 | 2017388174 |
| 2017331940 | 2019203015 | <u>C08L 75/-</u> | <u>C10J 3/-</u> | 2019246905 | |
| 2018204086 | 2019203021 | 2015362724 | 2017416200 | 2019268103 | <u>C22C 14/-</u> |
| | 2019203025 | 2015362724 | <u>C10L 1/-</u> | | 2014201877 |
| <u>C07D 498/-</u> | <u>C07K 16/-</u> | <u>C08L 83/-</u> | 2017279689 | 2014218290 | <u>C22C 21/-</u> |
| 2016233227 | 2014312086 | 2017263739 | <u>C10L 5/-</u> | 2014241078 | 2017375790 |
| 2018201392 | 2014314053 | 2017263740 | 2017293458 | 2014279568 | <u>C22C 38/-</u> |
| <u>C07D 519/-</u> | 2014326674 | <u>C09B 48/-</u> | <u>C10M 145/-</u> | 2014284677 | 2017433092 |
| 2016272258 | 2014331909 | 2017350235 | 2018271382 | 2015300258 | <u>C22F 1/-</u> |
| | 2014332458 | <u>C09B 67/-</u> | <u>C10M 171/-</u> | 2017279564 | 2017375790 |
| <u>C07F 5/-</u> | 2014337047 | 2017350235 | 2019208272 | 2017279749 | <u>C25B 1/-</u> |
| 2018264116 | 2015264168 | <u>C09C 1/-</u> | 2016410102 | 2018202016 | 2018223580 |
| | 2015300258 | 2016228408 | <u>C11B 1/-</u> | | <u>C25B 11/-</u> |
| <u>C07F 9/-</u> | 2015361261 | <u>C09C 3/-</u> | <u>C11D 10/-</u> | <u>C12N 7/-</u> | 2015367383 |
| 2019201990 | 2017205453 | 2016228408 | 2017269850 | 2017279564 | <u>C25B 15/-</u> |
| | 2017279804 | <u>C09D 11/-</u> | <u>C11D 17/-</u> | <u>C12N 9/-</u> | 2018223580 |
| <u>C07H 1/-</u> | 2018200324 | 2016213104 | 2017269850 | <u>C12N 9/-</u> | <u>C25B 9/-</u> |
| 2017205019 | 2018203087 | <u>C09D 17/-</u> | <u>C12M 1/-</u> | 2014274840 | 2018223580 |
| | 2018204331 | 2016213104 | 2018205130 | 2015369651 | <u>C25C 7/-</u> |
| <u>C07H 19/-</u> | 2018204891 | 2017350235 | <u>C12M 3/-</u> | 2016357609 | 2015287769 |
| 2015329767 | <u>C07K 7/-</u> | <u>C09D 5/-</u> | 2014279568 | 2016357609 | <u>C25D 17/-</u> |
| | 2015300258 | 2016228408 | <u>C12N 1/-</u> | 2018203012 | 2019204152 |
| <u>C07H 21/-</u> | <u>C08B 37/-</u> | <u>C09D 11/-</u> | <u>C11D 17/-</u> | <u>C12P 13/-</u> | <u>C25B 15/-</u> |
| 2015305570 | 2015354868 | 2016213104 | 2017269850 | 2015369651 | 2018223580 |
| 2018200542 | 2017205019 | 2017350235 | <u>C11D 17/-</u> | <u>C12P 19/-</u> | <u>C25B 9/-</u> |
| 2018204528 | <u>C08F 10/-</u> | <u>C09D 17/-</u> | 2017269850 | 2015305570 | 2018223580 |
| 2018204577 | 2018346901 | 2016213104 | <u>C12M 1/-</u> | 2015360513 | <u>C25C 7/-</u> |
| <u>C07J 1/-</u> | <u>C08F 2/-</u> | 2017350235 | 2018205130 | 2016357609 | 2015287769 |
| 2018217213 | 2017263740 | <u>C09D 5/-</u> | <u>C12M 3/-</u> | 2018203012 | <u>C25D 17/-</u> |
| <u>C07J 7/-</u> | <u>C08F 290/-</u> | 2016228408 | 2014279568 | <u>C12P 21/-</u> | 2019204152 |
| 2018217213 | 2017263740 | <u>C09J 11/-</u> | <u>C12N 1/-</u> | 2014274840 | <u>C25D 19/-</u> |
| <u>C07J 75/-</u> | <u>C08G 101/-</u> | 2018257311 | 2013397496 | 2015291123 | 2019204152 |
| 2016297821 | 2015362724 | <u>C09J 161/-</u> | 2016410102 | <u>C12P 5/-</u> | <u>C25D 5/-</u> |
| | 2015362724 | 2018257311 | 2017279564 | 2013397496 | 2019204152 |
| <u>C07J 9/-</u> | <u>C08G 18/-</u> | <u>C09J 175/-</u> | <u>C12N 11/-</u> | <u>C12P 7/-</u> | <u>C25D 5/-</u> |
| 2014236559 | 2015362724 | 2018257311 | 2016295426 | 2016238473 | 2019204152 |
| 2016297821 | 2016244865 | <u>C08G 63/-</u> | 2016357609 | 2016410102 | <u>D04H 1/-</u> |
| 2018217213 | | | 2018257311 | <u>C12Q 1/-</u> | 2016291767 |
| | | | <u>C09J 175/-</u> | 2014218290 | |
| | | | 2018257311 | 2014279568 | |
| | | | | 2014284124 | |
| | | | <u>C12N 15/-</u> | 2014354726 | |
| | | | 2013397496 | | |

Applications Accepted - IPC Index cont'd

| | | | | | |
|--|--|--------------------------|--------------------------|--|--|
| <u>D04H 3 /-</u> | <u>E04G 3 /-</u> | <u>F03B 13 /-</u> | <u>F16L 9 /-</u> | <u>G01J 3 /-</u> | 2015200544 2015229106 2015244228 2018201492 |
| 2016291767 | 2016386566 | 2018236818 | 2016214065 | 2017221431 | |
| <u>D06F 58 /-</u> | <u>E04G 7 /-</u> | <u>F03D 13 /-</u> | <u>F17D 1 /-</u> | <u>G01M 3 /-</u> | <u>G01V 5 /-</u> |
| 2014414434 2015264794 | 2017395902 | 2016282944 | 2016214065 | 2015293548 | 2015259893 |
| <u>D21C 11 /-</u> | <u>E04G 9 /-</u> | <u>F03D 3 /-</u> | <u>F21V 29 /-</u> | <u>G01N 1 /-</u> | <u>G02B 6 /-</u> |
| 2016317990 | 2018204338 | 2017359582 | 2015266899 | 2015264168 | 2018204445 |
| <u>D21C 3 /-</u> | <u>E04H 4 /-</u> | <u>F04D 29 /-</u> | <u>F22B 37 /-</u> | <u>G01N 15 /-</u> | <u>G02C 7 /-</u> |
| 2016317990 | 2018203413 | 2018203413 | 2015268713 | 2017352105 2018201010 | 2017378364 |
| <u>D21C 9 /-</u> | <u>E05B 17 /-</u> | <u>F15B 15 /-</u> | <u>F24D 19 /-</u> | <u>G01N 21 /-</u> | <u>G02F 1 /-</u> |
| 2016310398 | 2018201677 | 2018203877 | 2016273987 | 2015284810 2018202763 | 2015279890 |
| <u>D21H 17 /-</u> | <u>E05B 47 /-</u> | <u>F16B 31 /-</u> | <u>F24F 11 /-</u> | <u>G01N 27 /-</u> | <u>G05B 15 /-</u> |
| 2016310398 | 2018201677 | 2018301332 | 2017396590 | 2014405896 2018201010 2019200600 | 2016264465 |
| <u>D21H 21 /-</u> | <u>E06B 9 /-</u> | <u>F16D 41 /-</u> | <u>F24F 13 /-</u> | <u>G01N 29 /-</u> | <u>G05D 1 /-</u> |
| 2016310398 | 2015249182 | 2017251685 | 2017396590 | 2018203942 | 2016216750 2016400807 |
| <u>E01C 19 /-</u> | <u>E21B 33 /-</u> | <u>F16H 1 /-</u> | <u>F24H 1 /-</u> | <u>G01N 3 /-</u> | <u>G06F 1 /-</u> |
| 2017342738 | 2015323575 2015334667 2017262690 2018256659 | 2017251685 | 2018301902 | 2017352105 | 2014281351 2015279890 2016363679 2018204286 |
| <u>E01C 23 /-</u> | <u>E21B 43 /-</u> | <u>F16H 59 /-</u> | <u>F25D 17 /-</u> | <u>G01N 33 /-</u> | <u>G06F 11 /-</u> |
| 2017342738 | 2017262690 | 2018247341 | 2015344788 | 2014284124 2014331841 2014331909 2017279749 2018201010 2018204331 2018204596 | 2015265595 2015343004 2018201487 |
| <u>E01C 7 /-</u> | <u>E21B 44 /-</u> | <u>F16J 15 /-</u> | <u>F25D 23 /-</u> | <u>G01N 35 /-</u> | <u>G06F 15 /-</u> |
| 2017342738 | 2017352105 | 2015334667 | 2017376532 | 2015264168 2018204596 2018205130 | 2014275495 2018241117 |
| <u>E01F 7 /-</u> | <u>E21B 47 /-</u> | <u>F16K 1 /-</u> | <u>F25J 1 /-</u> | <u>G01R 29 /-</u> | <u>G06F 16 /-</u> |
| 2018213793 | 2017352105 | 2015360513 2017376532 | 2016368494 | 2016201984 | 2014328401 2015211150 |
| <u>E02F 3 /-</u> | <u>E21B 49 /-</u> | <u>F16K 17 /-</u> | <u>F26B 11 /-</u> | <u>G01R 31 /-</u> | <u>G06F 17 /-</u> |
| 2015298281 2018201631 2018201735 | 2018222960 | 2018260842 | 2015264794 | 2018353937 | 2014275495 2015258733 |
| <u>E02F 9 /-</u> | <u>E21D 15 /-</u> | <u>F16K 7 /-</u> | <u>F27D 1 /-</u> | <u>G01S 13 /-</u> | <u>G06F 21 /-</u> |
| 2015298281 2016400807 2017264880 2018201631 2018201735 | 2017352105 | 2018260842 | 2017221255 | 2015264168 2018204596 2018205130 | 2014343231 2018204630 2018229433 2018241117 2020200795 |
| <u>E04B 2 /-</u> | <u>F02B 43 /-</u> | <u>F16L 1 /-</u> | <u>F28D 1 /-</u> | <u>G01R 29 /-</u> | <u>G06F 3 /-</u> |
| 2017270959 | 2016300964 | 2016214065 | 2016363679 | 2016201984 | 2015264151 2015278796 2015362045 2016409885 2017332777 2018200747 2018204286 |
| <u>E04B 9 /-</u> | <u>F02B 61 /-</u> | <u>F16L 19 /-</u> | <u>F41B 11 /-</u> | <u>G01R 31 /-</u> | |
| 2016386438 | 2016223927 | 2016276292 | 2018256630 | 2018353937 | |
| <u>E04F 15 /-</u> | <u>F02D 19 /-</u> | <u>F16L 29 /-</u> | <u>G01B 11 /-</u> | <u>G01S 13 /-</u> | |
| 2016273987 | 2016300964 | 2016276292 | 2018353927 | 2016298643 | |
| <u>E04G 11 /-</u> | <u>F02M 25 /-</u> | <u>F16L 37 /-</u> | <u>G01B 7 /-</u> | <u>G01S 5 /-</u> | |
| 2018204338 | 2016223927 | 2018201861 | 2015362045 | 2016204607 | |
| | | <u>F16L 53 /-</u> | <u>G01C 21 /-</u> | <u>G01S 7 /-</u> | |
| | | 2016214065 | 2018307710 | 2016298643 | |
| | | <u>F16L 59 /-</u> | <u>G01D 3 /-</u> | <u>G01V 1 /-</u> | |
| | | 2016214065 | 2015362045 | | |

Applications Accepted - IPC Index cont'd

| | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2018204630 | | <u>H01M 4 /-</u> | <u>H04L 12 /-</u> | 2015398361 |
| 2018206741 | <u>G06T 5 /-</u> | 2015279216 | 2014286944 | 2016296556 |
| 2019201219 | | 2015367383 | 2015258733 | |
| 2019201552 | 2018323652 | | 2016215503 | <u>H04W 4 /-</u> |
| <u>G06F 40 /-</u> | <u>G06T 7 /-</u> | <u>H01M 8 /-</u> | 2016218297 | 2016204607 |
| | | | 2016218305 | 2016211359 |
| 2015211150 | 2015320751 | 2015279216 | 2016337397 | 2016329890 |
| 2016409888 | 2019201268 | 2015367383 | 2018241117 | 2016346918 |
| 2016423667 | | | 2019200821 | 2016423667 |
| 2017310380 | <u>G07C 5 /-</u> | <u>H01R 13 /-</u> | | |
| 2018388932 | | | <u>H04L 27 /-</u> | <u>H04W 52 /-</u> |
| | 2014377573 | 2016390648 | | |
| <u>G06F 9 /-</u> | <u>G07C 9 /-</u> | <u>H02G 3 /-</u> | 2016201984 | 2015398361 |
| | | | | |
| 2015343004 | 2018201677 | 2019201523 | <u>H04L 29 /-</u> | <u>H04W 64 /-</u> |
| 2016293538 | | | | |
| 2017314838 | <u>G08B 21 /-</u> | <u>H02H 3 /-</u> | 2016215503 | 2016204607 |
| 2017332777 | | | 2016218297 | |
| 2017337061 | 2016430856 | 2015356923 | 2016218305 | <u>H04W 68 /-</u> |
| 2018202837 | | | 2019200821 | |
| 2019200821 | <u>G08B 23 /-</u> | <u>H02J 15 /-</u> | <u>H04L 5 /-</u> | 2016211359 |
| <u>G06K 7 /-</u> | | | | <u>H04W 72 /-</u> |
| | 2018201631 | 2018236818 | 2016317195 | |
| 2013402720 | <u>G08B 7 /-</u> | <u>H02J 3 /-</u> | 2016346918 | 2016315627 |
| | | | | 2016342097 |
| <u>G06K 9 /-</u> | 2019201552 | 2016208275 | <u>H04L 9 /-</u> | 2016346918 |
| | | | | 2017207200 |
| 2016291669 | <u>G08C 17 /-</u> | <u>H02K 5 /-</u> | 2016211551 | 2017355932 |
| 2019201219 | | | | |
| 2020200795 | 2014405896 | 2016256045 | <u>H04M 3 /-</u> | <u>H04W 74 /-</u> |
| <u>G06N 99 /-</u> | <u>G08G 1 /-</u> | <u>H02K 7 /-</u> | 2016423667 | 2016315627 |
| | | | | |
| 2017387790 | 2014377573 | 2016256045 | <u>H04N 13 /-</u> | <u>H04W 88 /-</u> |
| 2018241117 | | | | |
| <u>G06Q 10 /-</u> | <u>G09G 5 /-</u> | <u>H02P 9 /-</u> | 2015320751 | 2016211359 |
| | | | | |
| 2014377573 | 2016346752 | 2018236818 | <u>H04N 19 /-</u> | <u>H05B 6 /-</u> |
| 2017280384 | 2018391746 | | | |
| 2018204265 | <u>G10L 15 /-</u> | <u>H02S 20 /-</u> | 2016211327 | 2017335677 |
| <u>G06Q 20 /-</u> | | | 2016270634 | |
| | 2016409885 | 2016341146 | <u>H04N 21 /-</u> | <u>H05K 7 /-</u> |
| 2018204759 | 2016423667 | <u>H02S 40 /-</u> | | 2016363679 |
| 2018219984 | <u>G10L 17 /-</u> | | 2016291669 | |
| 2018229433 | | 2016341146 | <u>H04N 5 /-</u> | |
| <u>G06Q 40 /-</u> | 2016409885 | <u>H03M 7 /-</u> | | |
| | | | 2016293616 | |
| 2014286944 | <u>G10L 19 /-</u> | 2016270634 | 2018323652 | |
| 2017387790 | | <u>H04B 1 /-</u> | | |
| <u>G06Q 50 /-</u> | 2015258831 | | <u>H04N 7 /-</u> | |
| | | 2017371381 | | |
| 2014284124 | <u>G11B 33 /-</u> | | 2015217535 | |
| 2015202294 | | <u>H04B 10 /-</u> | 2018206825 | |
| 2016409885 | 2016363679 | | 2018391746 | |
| 2018201735 | <u>H01H 83 /-</u> | 2016311179 | 2019229390 | |
| 2018307710 | | | <u>H04R 1 /-</u> | |
| <u>G06Q 99 /-</u> | 2015356923 | <u>H04B 17 /-</u> | | |
| | | | 2016254056 | |
| 2018201487 | <u>H01L 31 /-</u> | 2016201984 | <u>H04R 25 /-</u> | |
| | | | | |
| | 2015267265 | <u>H04K 3 /-</u> | 2017294105 | |
| <u>G06T 15 /-</u> | 2015288774 | | | |
| | 2016428163 | 2016201984 | <u>H04W 16 /-</u> | |
| 2018203318 | <u>H01L 51 /-</u> | <u>H04L 1 /-</u> | | |
| 2018391746 | | | 2016296556 | |
| <u>G06T 19 /-</u> | 2017263739 | 2016346918 | 2016315627 | |
| | 2017263740 | 2017207200 | <u>H04W 24 /-</u> | |
| 2018391746 | | | | |

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2015243012 **Roto-gro Inc.** (Brown, P.)
- 2019201559 **The NOCO Company** (Brown & Watson International Pty Ltd)

Opposition Dismissed

- 2015261278 **The University of York; Sun Pharmaceutical Industries (Australia) Pty Limited** (Willow Biosciences Inc.)

Patents Granted

Standard Patents

| | | | |
|------------|------------|------------|------------|
| 2013349743 | 2013396206 | 2013400609 | 2013408697 |
| 2013409568 | 2014201556 | 2014230014 | 2014233506 |
| 2014233567 | 2014260015 | 2014265791 | 2014269813 |
| 2014274644 | 2014277742 | 2014278543 | 2014280123 |
| 2014285758 | 2014285760 | 2014287221 | 2014287845 |
| 2014287956 | 2014291922 | 2014301116 | 2014310684 |
| 2014312569 | 2014315269 | 2014321711 | 2014328483 |
| 2014348631 | 2014348902 | 2014353890 | 2014363792 |
| 2014369054 | 2014375268 | 2014377369 | 2014379437 |
| 2014384616 | 2014388132 | 2014395153 | 2014406719 |
| 2015200353 | 2015201610 | 2015202400 | 2015203945 |
| 2015203983 | 2015205188 | 2015208101 | 2015208300 |
| 2015208353 | 2015210829 | 2015213065 | 2015216714 |
| 2015218376 | 2015221458 | 2015221944 | 2015223534 |
| 2015225768 | 2015227421 | 2015227530 | 2015229129 |
| 2015229407 | 2015231439 | 2015231858 | 2015233679 |
| 2015234604 | 2015236222 | 2015237253 | 2015238711 |
| 2015238862 | 2015238872 | 2015241299 | 2015242298 |
| 2015243239 | 2015249166 | 2015250146 | 2015250761 |
| 2015252518 | 2015256182 | 2015259011 | 2015263884 |
| 2015264699 | 2015265982 | 2015268027 | 2015269598 |
| 2015271605 | 2015273049 | 2015273073 | 2015274237 |
| 2015277581 | 2015279968 | 2015288926 | 2015292827 |
| 2015295492 | 2015296078 | 2015296088 | 2015298282 |
| 2015305656 | 2015305889 | 2015306024 | 2015306223 |
| 2015307266 | 2015308660 | 2015309202 | 2015312858 |
| 2015314267 | 2015314929 | 2015315252 | 2015317451 |
| 2015317751 | 2015317805 | 2015324745 | 2015326073 |
| 2015326554 | 2015326592 | 2015328779 | 2015329729 |
| 2015331596 | 2015334654 | 2015338664 | 2015343201 |
| 2015348957 | 2015353387 | 2015355426 | 2015359335 |
| 2015359369 | 2015362422 | 2015362952 | 2015363757 |
| 2015370367 | 2015374292 | 2015375706 | 2015411917 |
| 2016200167 | 2016201179 | 2016207100 | 2016208567 |
| 2016209623 | 2016211046 | 2016211703 | 2016217954 |
| 2016219362 | 2016221664 | 2016223379 | 2016233240 |
| 2016233795 | 2016238334 | 2016238760 | 2016244809 |
| 2016246124 | 2016249244 | 2016257721 | 2016259809 |
| 2016261249 | 2016262706 | 2016265469 | 2016269553 |
| 2016272843 | 2016291657 | 2016295602 | 2016295940 |
| 2016298471 | 2016304358 | 2016318327 | 2016319276 |
| 2016321993 | 2016324119 | 2016331217 | 2016335312 |
| 2016336443 | 2016338853 | 2016340404 | 2016340474 |
| 2016341202 | 2016346595 | 2016347887 | 2016350665 |
| 2016354007 | 2016355420 | 2016361834 | 2016363718 |
| 2016363719 | 2016368863 | 2016370012 | 2016370363 |
| 2016371224 | 2016371387 | 2016372723 | 2016380736 |
| 2016383317 | 2016387396 | 2016398146 | 2016404850 |
| 2016416850 | 2016422842 | 2016427676 | 2016427827 |
| 2017204432 | 2017206259 | 2017206661 | 2017207434 |
| 2017208857 | 2017209348 | 2017210559 | 2017211903 |

Patents Granted

Standard Patents

| | | | |
|------------|------------|------------|------------|
| 2017217073 | 2017218581 | 2017218976 | 2017220495 |
| 2017221822 | 2017225020 | 2017225024 | 2017225104 |
| 2017226613 | 2017227411 | 2017228539 | 2017228675 |
| 2017228686 | 2017228983 | 2017230189 | 2017232178 |
| 2017235951 | 2017236564 | 2017238925 | 2017239560 |
| 2017241823 | 2017247806 | 2017248425 | 2017248451 |
| 2017248490 | 2017248521 | 2017251752 | 2017253505 |
| 2017255379 | 2017255439 | 2017258726 | 2017258892 |
| 2017261557 | 2017262083 | 2017265093 | 2017268518 |
| 2017268572 | 2017268633 | 2017268636 | 2017269108 |
| 2017272259 | 2017272277 | 2017273130 | 2017275426 |
| 2017275457 | 2017276243 | 2017276273 | 2017276324 |
| 2017277538 | 2017279688 | 2017280072 | 2017281934 |
| 2017293417 | 2017298187 | 2017301936 | 2017302248 |
| 2017302250 | 2017304275 | 2017304820 | 2017305111 |
| 2017313744 | 2017316986 | 2017319609 | 2017323513 |
| 2017324086 | 2017332358 | 2017334465 | 2017342841 |
| 2017350567 | 2017351012 | 2017352550 | 2017362598 |
| 2017366665 | 2017379609 | 2017379917 | 2017391882 |
| 2017392255 | 2017398475 | 2017403949 | 2017404564 |
| 2017412681 | 2017422760 | 2018200059 | 2018200194 |
| 2018200419 | 2018200555 | 2018200710 | 2018200712 |
| 2018200731 | 2018200833 | 2018200887 | 2018201027 |
| 2018201043 | 2018201085 | 2018201204 | 2018201261 |
| 2018201292 | 2018201329 | 2018201355 | 2018201505 |
| 2018201527 | 2018201671 | 2018201754 | 2018201756 |
| 2018201766 | 2018201777 | 2018201824 | 2018202132 |
| 2018202180 | 2018202285 | 2018202444 | 2018202501 |
| 2018202741 | 2018203011 | 2018203032 | 2018203218 |
| 2018203288 | 2018203560 | 2018203565 | 2018203588 |
| 2018203629 | 2018204032 | 2018204277 | 2018204463 |
| 2018204585 | 2018204624 | 2018206841 | 2018210069 |
| 2018214113 | 2018217325 | 2018218181 | 2018224308 |
| 2018225115 | 2018226386 | 2018229480 | 2018236722 |
| 2018236747 | 2018236755 | 2018236756 | 2018238220 |
| 2018246006 | 2018246883 | 2018247216 | 2018247273 |
| 2018250436 | 2018253545 | 2018253625 | 2018261237 |
| 2018264071 | 2018267555 | 2018271307 | 2018273793 |
| 2018279031 | 2018286629 | 2018308957 | 2018317497 |
| 2019200126 | 2019200704 | 2019200755 | 2019200780 |
| 2019202860 | 2019203185 | 2019203731 | 2019203902 |
| 2019226148 | 2019236683 | 2019240685 | |

Innovation Patents

| | | | |
|------------|------------|------------|------------|
| 2018102155 | 2019101493 | 2019101517 | 2019101556 |
| 2019101655 | 2019101656 | 2020100040 | 2020100115 |
| 2020100134 | 2020100135 | 2020100145 | 2020100147 |
| 2020100148 | 2020100153 | 2020100154 | 2020100156 |
| 2020100157 | 2020100160 | 2020100162 | 2020100164 |
| 2020100168 | 2020100169 | 2020100172 | 2020100174 |
| 2020100176 | 2020100177 | 2020100180 | 2020100181 |
| 2020100182 | 2020100183 | 2020100185 | 2020100186 |
| 2020100187 | 2020100188 | 2020100189 | 2020100191 |
| 2020100192 | 2020100194 | 2020100195 | 2020100197 |
| 2020100202 | 2020100204 | 2020100206 | 2020100209 |
| 2020100211 | | | |

Revocation

It is hereby notified that the offer by the Patentee **Visiogen, Inc.** to surrender Patent 2009223556 which was advertised in the Official Journal of 16.01.2020 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Visiogen Inc.** to surrender Patent 2004212917 which was advertised in the Official Journal of 16.01.2020 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Revocation

It is hereby notified that the offer by the Patentee **Visiogen Inc.** to surrender Patent 2010200816 which was advertised in the Official Journal of 16.01.2020 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2002343113 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2002347501 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2003205969 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2003222379 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2003222623 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2003245721 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2003245727 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2003274441 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2004205987 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2004212348 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2004241800 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2004242238 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2004243987 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2004278891 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2004288298 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2005215936 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2005239108 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2005258137 Scientific-Atlanta, LLC. The patent has been assigned to **CISCO TECHNOLOGY, INC**

2005277434 Intercontinental Great Brands LLC; FrieslandCampina Nederland B.V. The patent has been assigned to **FrieslandCampina Nederland B.V.; Intercontinental Great Brands LLC; Koninklijke Douwe Egberts B.V.**

2005281413 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2005283894 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

Assignments Registered

2005315379 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2006200534 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2006202104 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2006202388 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2006202449 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2006203331 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2006203577 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2006235767 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007200087 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007200230 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007202016 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2007203343 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007203560 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007209807 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007211906 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007214029 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007214317 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2007216930 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2007275780 Dow Corning Corporation The patent has been assigned to **DDP Specialty Electronic Materials US 9, LLC**

2007310986 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2007310991 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2008200060 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2008200219 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2008202596 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

Assignments Registered

2008202671 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2008207410 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2008212077 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2008335680 Dow Corning Corporation The patent has been assigned to **DDP Specialty Electronic Materials US 9, LLC**

2009202455 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2009250950 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2010202429 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2010202942 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2010224419 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2010224424 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2010224425 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2010224451 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2010241503 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2011200313 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2011226770 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2011253848 Waterleaf Ltd. The patent has been assigned to **Fusion Holdings Limited**

2012202391 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2012211393 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2012318647 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012358143 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012358146 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012358224 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2012358227 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2013200061 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

Assignments Registered

2013200430 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2013209345 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2013337655 Vessix Vascular, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2015223563 Innovations4Flooring Holding N.V. The patent has been assigned to **I4F LICENSING NV**

2015394605 Brainlab AG The patent has been assigned to **Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG**

2015394606 Brainlab AG The patent has been assigned to **Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG**

2018203302 Borkholder, Carl The patent has been assigned to **GEN-Y CREATIONS, LLC**

2018232490 Brainlab AG The patent has been assigned to **Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG**

Mortgages Registered - Section 187, Reg. 19

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

2010314954 Centinel Spine, LLC (Athyrium Opportunities II Acquisitions LP; Athyrium Opportunities III Acquisitions LP)

2010314958 Centinel Spine, LLC (Athyrium Opportunities II Acquisitions LP; Athyrium Opportunities III Acquisitions LP)

2010314960 Centinel Spine, LLC (Athyrium Opportunities II Acquisitions LP; Athyrium Opportunities III Acquisitions LP)

2014232963 Centinel Spine, LLC (Athyrium Opportunities II Acquisitions LP; Athyrium Opportunities III Acquisitions LP)

2018101467 Centinel Spine, LLC (Athyrium Opportunities II Acquisitions LP; Athyrium Opportunities III Acquisitions LP)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2009257602 **AbbVie Inc.**
The earliest first regulatory approval date provided by the patentee 17 Jan 2020
For the goods RINVOQ upadacitinib

2010326108 **AbbVie Inc.**
The earliest first regulatory approval date provided by the patentee 17 Jan 2020
For the goods RINVOQ upadacitinib

2011324137 **AFT Pharmaceuticals Limited**
The earliest first regulatory approval date provided by the patentee 22 Jul 2019
For the goods MAXIGESIC IV paracetamol and ibuprofen (as sodium dihydrate)

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.

2011218009 **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

Extensions granted

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

2004273573 **Novo Nordisk A/S**

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

For the goods OZEMPIC semaglutide

Extension of Term of patent pursuant to Section 77 expires on 17 Sep 2029

2006224536 **Novo Nordisk A/S**

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

For the goods OZEMPIC semaglutide

Extension of Term of patent pursuant to Section 77 expires on 20 Mar 2031

2008304439 **Lexicon Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2018

For the goods XERMELo telotristat ethyl

Extension of Term of patent pursuant to Section 77 expires on 14 Sep 2033

2012326383 **Lexicon Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2018

For the goods XERMELo telotristat etiprate

Extension of Term of patent pursuant to Section 77 expires on 14 Sep 2033

Corrigenda

In Vol 34 , No 5 , Page(s) 720 under the heading **Amendments - Amendments Made** Under the name Jiang SMTP Technology Co., Ltd., Application No. 2019100929, under INID (71) correct the applicant name to Jiangsu SMTP Technology Co., Ltd.

In Vol 34 , No 5 , Page(s) 758 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Epiroc South Africa (Pty) Ltd, Application No. 2017425150, Under INID (72) add co-inventor VISSER, Henri

In Vol 34 , No 6 , Page(s) 925 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Axcella Health Inc., Application No. 2018318091, under INID (54) cor-

Corrigenda

rect the title to read Amino acid compositions for the treatment of neuronal injury

In Vol 34 , No 9 , Page(s) 1321 under the heading **Amendments - Application for Amendments** Under the name BOE Technology Group Co., Ltd., Application No. 2017391552 correct the date of statements filed to read 06 Jan 2020 and 09 Jan 2020

In Vol 34 , No 9 , Page(s) 1349 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Adagene Inc., Application No. 2017428737, Under INID (72) add co-inventor LUO, Peter Peizhi

In Vol 34 , No 9 , Page(s) 1349 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Adagene Inc., Application No. 2017428934, Under INID (72) add co-inventor LUO, Peter Peizhi

In Vol 34 , No 9 , Page(s) 1352 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bayer Animal Health GmbH, Application No. 2018329158, under INID (72) correct the co-inventor to SCHMIDT, Franziska

In Vol 34 , No 9 , Page(s) 1375 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sharp Kabushiki Kaisha; FG Innovation Company Limited, Application No. 2018308491, Under INID (72) add co-inventor ZHANG, Chongming

In Vol 34 , No 9 , Page(s) 1379 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name University Health Network, Application No. 2018308734, under INID (54) correct the title to read Conductive benzoic acid based polymer containing biomaterial for enhancement of tissue conduction in vitro and in vivo

Specifications Republished

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

| | |
|------------|---|
| 2014268117 | mPort Ltd |
| 2015293384 | Noritz Corporation |
| 2017209689 | Daikin Industries, Ltd. |
| 2017386097 | Google LLC |
| 2018247307 | The University of British Columbia |
| 2019100929 | Jiangsu SMTP Technology Co., Ltd. |