



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 20 December 2018
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Weatherbank, Inc. 2018 APO 87

Patent Application: 2016204930

Title: Interactive advisory system

Patent Applicant: Weatherbank, Inc.

Delegate: Dr W.E. Guinea

Decision Date: 5 December 2018

Hearing Date: Written submissions due to be filed until 21 September 2018

Catchwords: **PATENTS** – standard patent – Examiner objections – manner of manufacture – inventive step – substance of the invention resides in the sending of environmental information in real time from an environmental sensor, where the sensor is one of several present in different locations along a roadway or railway, to a user when it is determined that the user is within a spatial range of the environmental sensor – all claims lack a manner of manufacture – no patentable subject matter in application – inventive step not considered – application refused

Representation: Patent attorney for the applicant: Spruson & Ferguson

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 20 December 2018
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Claymont Bond Pty Ltd v Filip Sedic* [2018] APO 88**

Patent Application: 2014204242

Title: Skin cleanser

Patent Applicant: Filip Sedic

Opponent: Claymont Bond Pty Ltd

Delegate: R Subbarayan

Decision Date: 6 December 2018

Hearing Date: 13 September 2018, in Canberra

Catchwords: **PATENTS** – Opposition to grant of patent under s59 – hand-held powered device for cleansing the skin – whether claims are novel and inventive – opposition is unsuccessful – costs awarded

Representation: Patent attorney for the applicant: Dr Andrea Ruhrmann of FB Rice Pty Ltd
Counsel for the opponent: Marcus Fleming
Solicitor for the opponent: G&M Lawyers

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 20 December 2018
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Rational Intellectual Holdings Limited [2018] APO 89

Patent Application: 2017203678

Title: Computer Gaming Device and Method for Computer Gaming

Patent Applicant: Rational Intellectual Holdings Limited

Delegate: M. G. Kraefft

Decision Date: 6 December 2018

Hearing Date: Written submissions filed on 12 October 2018

Catchwords: **PATENTS** – section 45 – examiner’s objection – whether invention is a manner of manufacture – online poker card gaming system – virtual playing tables – movement of folding player to another virtual table – prevention of further play by player at first table – substance of claimed invention relates to enhancement of how game is managed and played – no manner of manufacture – application refused

Representation: Patent attorney for the applicant: Pizzeys

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 20 December 2018
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Commonwealth Scientific and Industrial Research Organisation v BASF Plant Science GmbH
[2018] APO 90

Patent Application: 2013273704

Title: Process for the production of polyunsaturated fatty acids in transgenic organisms

Patent Applicant: BASF Plant Science GmbH

Opponent: Commonwealth Scientific and Industrial Research Organisation

Hearing Officer: Dr S.D. Barker – Deputy Commissioner of Patents

Decision Date: 10 December 2018

Hearing Date: Written submissions finalised on 26 September 2018

Catchwords: **PATENTS** – opposition to an amendment – "as a result of the amendment" – what matter was disclosed in the specification as filed – amendment allowable

Representation: Patent attorney for the applicant: Watermark Intellectual Property Pty Ltd
Patent attorney for the opponent: FB Rice 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 4 Dec 2018 .

(71) 3DMorphic Pty Ltd (21) 2018904650 (22) 06.12.2018 (54) An implantable medical device	(71) Australian Hearing Services (21) 2018904679 (22) 07.12.2018 (54) LANGUAGE INDEPENDENT TEST FOR SPEECH DISCRIMINATION	(71) Coma, A. (21) 2018904640 (22) 06.12.2018 (54) Spring Bottle
(71) Akvotek Pty Ltd (21) 2018904631 (22) 06.12.2018 (54) WATER RECOVERY AND RECYCLING IN SUSPENSION AND EMULSION POLYMERISATION	(71) AYOUB, C. (21) 2018904655 (22) 07.12.2018 (54) Building Platform/Edge Protection System	Commonwealth Bank of Australia see Telstra Corporation Limited (21) 2018904697
(71) Alexis, S. (21) 2018904687 (22) 10.12.2018 (54) MULTI-DIRECTIONAL STRIKING GLOVE	(71) Beitmanas, S. (21) 2018904664 (22) 07.12.2018 (54) Shielding Structure	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2018904624 (22) 05.12.2018 (54) POROUS LIQUID OLIGOMERS
(71) AMIA GROUP PTY LTD (21) 2018904614 (22) 05.12.2018 (54) BRACKET ASSEMBLY FOR SUPPORTING HAND RAILS AND PANELS	Booth, M. see KMFOCUS PTY. LIMITED (21) 2018904685	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2018904665 (22) 07.12.2018 (54) ADSORPTION AND DESORPTION APPARATUS
(71) ATP Institute Pty Ltd (21) 2018904658 (22) 07.12.2018 (54) FORMULATION AND METHOD OF USE	(71) Breville Pty Limited (21) 2018904657 (22) 07.12.2018 (54) A milk frothing device	Commonwealth Scientific and Industrial Research Organisation see SEED Co., Ltd. (21) 2018904686
(71) ATP Institute Pty Ltd (21) 2018904659 (22) 07.12.2018 (54) PROTEIN FOOD BAR	(71) Building IP Holdings Pty Ltd (21) 2018904673 (22) 07.12.2018 (54) WINDOW OR DOOR FRAME ASSEMBLY	(71) Conveyor Products and Solutions Pty Ltd (21) 2018904643 (22) 06.12.2018 (54) Drive arrangement for a conveyor system
(71) Austact Pty Ltd (21) 2018904623 (22) 05.12.2018 (54) Surface Assembly	(71) Burke, D. (21) 2018904677 (22) 07.12.2018 (54) Mobile Food Preparation Trolley	(71) Cravero, H. (21) 2018904600 (22) 04.12.2018 (54) Electronic purification of air in mines
(71) Australian Growing Solutions Pty Ltd (21) 2018904638 (22) 06.12.2018 (54) WASTE TREATMENT	(71) Chen, Z. see Chen, J. (21) 2018904652	(71) Dasuki, A. (21) 2018904678 (22) 07.12.2018 (54) COMPACT RADIAL SUNSHADE
(71) Clegg, R. (21) 2018904622 (22) 05.12.2018 (54) METHOD AND APPARATUS FOR MINERAL PROCESSING	(71) Chen, J.; Chen, Z. (21) 2018904652 (22) 07.12.2018 (54) A multifunctional small lawnmower	(71) Delpack Australia Pty Ltd (21) 2018904696 (22) 10.12.2018 (54) Unit dose sachet

Provisional Applications Filed - Name Index cont'd

(71) Destec Pty Ltd
(21) 2018904694 (22) 10.12.2018
(54) A RAIL FASTENING SYSTEM AND ASSOCIATED RAIL TRACK

(71) Devine Alliance Pty Ltd
(21) 2018904615 (22) 05.12.2018
(54) A system for augmented display calculations

(71) Domino's Pizza Enterprises Limited
(21) 2018904693 (22) 10.12.2018
(54) Predictive Ordering System

(71) Douglas, A.
(21) 2018904699 (22) 11.12.2018
(54) THUMB MARKER FOR TYPING AND WRITING

(71) Dunn, L.
(21) 2018904606 (22) 04.12.2018
(54) A small individual miniature re-programmable computer and detection sensors system for onboard collection and analysis monitoring of surrounding environmental factors captured for transceiver means for interrogation by scanning means. Energizing via a passive/active or positive energy source designs, that exceed explosive environments enclosure IP protocols, and that may be integrated with any monitoring field values of IoT and stored onboard with timed periodic transmission of recorded collated sensor data values or alarm/s set points that exceed a set range of interrogated values.

(71) Durnin, P.; Farrant-Durnin, K.
(21) 2018904661 (22) 07.12.2018
(54) COMPUTER IMPLEMENTED METHOD FOR LOCATING POINTS OF INTEREST ON A WORK SITE

Eiffe, E. see Hardeman, E.
(21) 2018904604

Farrant-Durnin, K. see Durnin, P.
(21) 2018904661

(71) Fazio, R.
(21) 2018904645 (22) 06.12.2018
(54) Training Pad

(71) Fleet Space Technologies Pty Ltd
(21) 2018904671 (22) 07.12.2018
(54) Remote LPWAN gateway with backhaul over a high-latency communication system

(71) Fraser, M.
(21) 2018904599 (22) 04.12.2018
(54) A collapsible chair

(71) Gagatsias, C.
(21) 2018904626 (22) 05.12.2018
(54) A STORAGE SYSTEM

(71) GetBranded Pty Ltd
(21) 2018904675 (22) 07.12.2018
(54) Supporter Jersey

(71) Gia's Innovations Pty Ltd
(21) 2018904674 (22) 07.12.2018
(54) Animal Support

(71) GIARRUSSO, S.
(21) 2018904625 (22) 05.12.2018
(54) ORNAMENTAL CONNECTOR

(71) Granite Hill Holdings Pty Ltd
(21) 2018904609 (22) 04.12.2018
(54) EXPANDABLE AND CONVERTIBLE TAILGATE APPARATUS FOR A VEHICLE

(71) Great Southern Motor Company Pty. Ltd.
(21) 2018904647 (22) 06.12.2018
(54) HEAT EXCHANGE MOTOR APPARATUS

Gunning, P. see Hardeman, E.
(21) 2018904604

(71) Hakeem, A.
(21) 2018904602 (22) 04.12.2018
(54) Apparatus for self-administrable knee range of motion rehabilitation

(71) Hardeman, E.; Gunning, P.; Eiffe, E.
(21) 2018904604 (22) 04.12.2018
(54) Methods and compositions for the treatment of cancer

(71) He, S.
(21) 2018904636 (22) 06.12.2018
(54) CLOUD BASED OUT OF BAND MANAGEMENT, NETWORK HIGH AVAILABILITY AND DISTRIBUTED APPLICATION VISIBILITY IN A BOX SOLUTION

(71) Icon Plastics Pty Ltd
(21) 2018904648 (22) 06.12.2018
(54) Shower Base with Skin

(71) IMMUNOGENETICS RESEARCH FOUNDATION WA INC
(21) 2018904616 (22) 05.12.2018
(54) Direct and Indirect methods for measuring and monitoring the extent and composition of intramuscular fat deposition in livestock

(71) Inglis, J.; Kennan, I.
(21) 2018904672 (22) 07.12.2018
(54) LOCK AND AUDIO SYSTEM

(71) Intex Holdings Pty Ltd
(21) 2018904646 (22) 06.12.2018
(54) An apparatus for removing water from a fluid

(71) Inventia Life Science Pty Ltd
(21) 2018904641 (22) 06.12.2018
(54) Printhead assembly for a 3D Printer

(71) James Cook University
(21) 2018904642 (22) 06.12.2018
(54) NOVEL COMPOSITION

(71) James Hardie Technology Limited
(21) 2018904634 (22) 06.12.2018
(54) Stud for wall construction

(71) Jefic, N.
(21) 2018904621 (22) 05.12.2018
(54) Closure for a receptacle

(71) JORGENSON-WATTS IP PTY LTD
(21) 2018904608 (22) 04.12.2018
(54) Adjustable Wing with Compound Grill

(71) Keating, K.
(21) 2018904689 (22) 10.12.2018
(54) Parachute device for a weather balloon

(71) Keech Castings Australia Pty Limited
(21) 2018904660 (22) 07.12.2018
(54) Wear part and lock assembly

(71) Kelly, C.
(21) 2018904629 (22) 06.12.2018
(54) SHIELD

Kennan, I. see Inglis, J.
(21) 2018904672

(71) KLM Construction Services Pty Ltd
(21) 2018904619 (22) 05.12.2018
(54) Conduit Spacer

Provisional Applications Filed - Name Index cont'd

(71) KMFOCUS PTY. LIMITED; Booth, M.
(21) 2018904685 (22) 10.12.2018
(54) CONTINUOUS AIR-COMPRESSION SYSTEM FOR GENERATING ELECTRICITY

(71) Lae, J.
(21) 2018904627 (22) 05.12.2018
(54) BIOFERTILISER COMPOSITION

(71) La Trobe University
(21) 2018904605 (22) 04.12.2018
(54) NOVEL METHODS

(71) Mason, M.
(21) 2018904651 (22) 07.12.2018
(54) Vibrating Hard Hat. A hard hat, worn for protection from falling objects or debris in the workplace, that also includes a remotely activated vibrating function to alert the wearer of a need or situation or emergency.

(71) MERIT WILLIAMS PTY. LTD.
(21) 2018904681 (22) 07.12.2018
(54) NATURAL AND/OR ORGANIC SKIN CARE PRODUCTS WITH USE OF MORINGA OLEIFERA OIL IN COSMETIC OILS AND SERUM WITH EQUAL TO OR GREATER THAN 95% Natural AND/OR Organic INGREDIENTS, NOT COUNTING WATER, FOR SKIN CARE, HYDRATION, REJUVENATION, PROTECTION AND ANTI AGEING EFFECT.

(71) Mick Murray Welding (N.T.) Pty Ltd
(21) 2018904695 (22) 10.12.2018
(54) A vehicle bin assembly

(71) Monash University; The University of Western Australia
(21) 2018904691 (22) 10.12.2018
(54) Screening Assays, Modulators and Modulation of Intracellular Signalling Mediated by Immunoglobulin-Superfamily Cell Adhesion Molecules

(71) Mulga Holdings Pty Limited
(21) 2018904611 (22) 04.12.2018
(54) COLLAPSIBLE BOTTLE

(71) NAUTI-CRAFT PTY LTD
(21) 2018904680 (22) 07.12.2018
(54) SUSPENSION SYSTEM WITH PITCH AND ROLL ADJUSTMENT

(71) Newcastle City Council
(21) 2018904633 (22) 06.12.2018
(54) A housing

(71) Newnham, N.
(21) 2018904676 (22) 07.12.2018
(54) A CABLE TRAILER AND METHOD OF USE THEREOF

(71) Northey, T.
(21) 2018904682 (22) 08.12.2018
(54) Universal bike rack system

(71) Nucleotrace Pty. Ltd.
(21) 2018904669 (22) 07.12.2018
(54) Enhanced nucleic acid tags

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(21) 2018904666

(71) Palanisami, S.
(21) 2018904692 (22) 10.12.2018
(54) BACTERIA SOURCED NITROGEN FOR PLANT GROWTH

(71) Pitt, K.
(21) 2018904637 (22) 06.12.2018
(54) BRAKE SHOE GUIDE IMPROVEMENTS

(71) Plastic Solutions Australia Pty Ltd
(21) 2018904701 (22) 11.12.2018
(54) LIFTING ANCHOR

(71) Postlethwaite, A.
(21) 2018904683 (22) 10.12.2018
(54) Mirror Mates

(71) PTR INNOVATIONS PTY LTD
(21) 2018904603 (22) 04.12.2018
(54) An improved wall panel mounting bracket

(71) Queensland University of Technology
(21) 2018904601 (22) 04.12.2018
(54) Modulation of senescence

(71) Rapid Phenotyping Pty Limited
(21) 2018904607 (22) 04.12.2018
(54) Refractive Scanning Interferometer

(71) Robert Bosch (Australia) Pty Ltd
(21) 2018904684 (22) 10.12.2018
(54) METHOD AND SYSTEM FOR RELAY ATTACK PREVENTION USING SUB-ZONES

(71) Saban Ventures Pty Limited
(21) 2018904617 (22) 05.12.2018
(54) Environmental Decontamination

(71) Saban Ventures Pty Limited
(21) 2018904618 (22) 05.12.2018
(54) Ultrasonic Lumen Cleaning

(71) Saber Astronautics Australia Pty Ltd
(21) 2018904632 (22) 06.12.2018
(54) A METHOD AND SYSTEM FOR ASSESSING ASPECTS OF AN ELECTROMAGNETIC SIGNAL

(71) SEED Co., Ltd.; Commonwealth Scientific and Industrial Research Organisation
(21) 2018904686 (22) 10.12.2018
(54) UV Absorbing Ocular Lens

(71) Sensortine Pty Ltd
(21) 2018904662 (22) 07.12.2018
(54) Methods and apparatus for agriculture

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(21) 2018904656

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(21) 2018904656

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(21) 2018904656

(71) Shelley, A.; Shelley, D.; Shelley, M.; Shelley, D.
(21) 2018904656 (22) 07.12.2018
(54) Process and apparatus for the manufacture of an aqueous solution of magnesium bicarbonate

(71) Skinprotect Corporation Sdn Bhd
(21) 2018904670 (22) 07.12.2018
(54) Multi Detectable Articles

(71) Southern Green Gas Limited
(21) 2018904663 (22) 07.12.2018
(54) A Gas Separation Apparatus

(71) SPEAR, A.
(21) 2018904635 (22) 06.12.2018
(54) A HANDLING DEVICE FOR PETS

(71) Startinno Ventures Pty Ltd
(21) 2018904613 (22) 04.12.2018
(54) MIXED REALITY VISUALISATION SYSTEM

(71) Superior Engineering (QLD) Pty Ltd
(21) 2018904644 (22) 06.12.2018
(54) Automotive steering linkage end

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(71) TAXICOM PTY LTD
 (21) 2018904628 (22) 06.12.2018
 (54) Mobile digital security recorder with 3/4 G streaming and remote view

(71) Telstra Corporation Limited; Commonwealth Bank of Australia
 (21) 2018904697 (22) 10.12.2018
 (54) A method and system for electronic escrow for goods or services

(71) THE O'KEEFFE INVENTIT TRUST; O'Keeffe, M.
 (21) 2018904666 (22) 07.12.2018
 (54) Spin Dancer A two piece toy designed to assist in learning to spin or just have fun

The University of Melbourne see The Walter and Eliza Hall Institute of Medical Research
 (21) 2018904620

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 (21) 2018904691

(71) The Walter and Eliza Hall Institute of Medical Research; The University of Melbourne
 (21) 2018904620 (22) 05.12.2018
 (54) Parasite Vaccine

(71) TipeME Holdings Pty Ltd
 (21) 2018904690 (22) 10.12.2018
 (54) A system, method and data structure for allowing users to electronically post comments

(71) Trackmysubs Pty Ltd
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 (54) SYSTEM AND METHOD FOR CREATION OF TARGETED REMINDER MESSAGES

(71) University of Technology Sydney
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 (54) Omnidirectional Circularly Polarized Antenna Array System and Method

(71) Vast Solar Pty Ltd
 (21) 2018904610 (22) 04.12.2018
 (54) A heliostat sub-assembly

(71) Vater, L.M.
 (21) 2018904667 (22) 07.12.2018
 (54) AN IMPROVED RAIL CLAMP

(71) Waytoomany Letters Pty Ltd
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 (54) A computer enabled system, method, software application and data signal for the tracking of information

(71) Whittaker, J.
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 (54) SYSTEM AND METHOD FOR IMPROVING REAL TIME RENDERING OF 3D IMAGES

(71) Winfield, C.
 (21) 2018904612 (22) 04.12.2018
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(71) WIREMAN PTY LTD
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. (*) Title not in Roman characters

. (**) Title not given

(71) Abbott Diabetes Care Inc. (21) 2018274889 (22) 05.12.2018 (54) Medical device data processing and communication methods and systems (62) 2014233479	(71) AMO Development, LLC (21) 2018274939 (22) 06.12.2018 (54) Ophthalmic range finding (62) 2017200633	(54) GAMING METHOD, GAMING SYSTEM AND GAME CONTROLLER (62) 2016244219
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(71) Aguamarina SpA (21) 2018274890 (22) 05.12.2018 (54) Procedure to use the mining tailings as a construction material giving waterproofing features (31) CL 789-2018 (32) 27.03.18 (33) CL	(71) Apple Inc. (21) 2018274985 (22) 07.12.2018 (54) Keychain synchronization (62) 2016269486	(71) Aristocrat Technologies Australia Pty Limited (21) 2018274960 (22) 06.12.2018 (54) A GAMING SYSTEM (62) 2016269454
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(71) Amcor Limited (21) 2018274970 (22) 06.12.2018 (54) METHOD AND APPARATUS FOR PERFORATING A POLYMERIC FILM (62) 2016210660	(71) Aristocrat Technologies Australia Pty Limited (21) 2018274933 (22) 06.12.2018 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2017203238	Astex Therapeutics Ltd see Novartis AG (21) 2018274883
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(31) 15/856,815 (32) 28.12.17 (33) US

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(21) 2018274995

(71) Baxter International Inc.; Baxter Healthcare S.A.
(21) 2018274995 (22) 07.12.2018
(54) CONTROL OF A WATER DEVICE VIA A DIALYSIS MACHINE USER INTERFACE
(62) 2013276966

(71) Bayer Healthcare LLC
(21) 2018271420 (22) 03.12.2018
(54) Optimized monoclonal antibodies against tissue factor pathway inhibitor (TFPI)
(62) 2016269554

(71) BGC Partners, Inc
(21) 2018274917 (22) 05.12.2018
(54) SYSTEM AND METHOD FOR LIMITING AGGRESSIVE TRADING IN AN ELECTRONIC TRADING SYSTEM
(62) 2016203673

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(21) 2018274904

(71) BIOM'UP
(21) 2018274924 (22) 05.12.2018
(54) HEMOSTATIC COMPOSITIONS
(62) 2016277573

(71) Biosense Webster (Israel) Ltd.
(21) 2018274864 (22) 04.12.2018
(54) Improved TAS sensor
(31) 15/843,837 (32) 15.12.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018274910 (22) 05.12.2018
(54) ENT bone distance color coded face maps
(31) 15/847,646 (32) 19.12.17 (33) US

(71) Blakeman, J.
(21) 2018274885 (22) 04.12.2018
(54) METHOD OF IN-SITU SANDING OF INTERNAL SURFACES OF A BARREL AND APPARATUS FOR PERFORMING SAME
(62) 2016203865

(71) Bluebird Bio, Inc.
(21) 2018274888 (22) 05.12.2018
(54) Improved T cell compositions
(62) 2015269197

(71) Boston Scientific Neuromodulation Corporation
(21) 2018274915 (22) 05.12.2018
(54) Systems and methods for delivering sub-threshold therapy to a patient
(62) 2017204544

(71) Bright Structures Ltd
(21) 2018271411 (22) 30.11.2018
(54) A platform
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(71) Britax Child Safety, Inc.
(21) 2018274943 (22) 06.12.2018
(54) UNIVERSAL CONSTRUCTION STROLLER
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(71) CAC Transport Pty Ltd
(21) 2018274954 (22) 06.12.2018
(54) Waste handling apparatus and method
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(71) Carl Zeiss Meditec Production, LLC
(21) 2018274877 (22) 04.12.2018
(54) Male form as an attachment element for an injector, and injector for implanting an intraocular lens in an eye
(31) 15/835,725 (32) 08.12.17 (33) US

(71) Castle Hill Holding LLC
(21) 2018274969 (22) 06.12.2018
(54) Casino game and method for playing casino game
(62) 2015264321

(71) Catalent Ontario Limited
(21) 2018275028 (22) 10.12.2018
(54) Multi phase soft gel capsules, apparatus and method thereof
(62) 2016253596

(71) Caterpillar Inc.
(21) 2018274870 (22) 04.12.2018
(54) PROPULSION CONTROL SYSTEM WITH VARYING AGGRESSIVENESS OF RESPONSE
(31) 15/837,535 (32) 11.12.17 (33) US

(71) Caterpillar Inc.
(21) 2018274872 (22) 04.12.2018

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(31) 15/837,936 (32) 11.12.17 (33) US

(71) Caterpillar Inc.
(21) 2018274895 (22) 05.12.2018
(54) SYSTEM AND METHOD FOR DETECTION OF LOAD AND DUMP LOCATIONS
(31) 15/837,105 (32) 11.12.17 (33) US

(71) Caterpillar Inc.
(21) 2018274998 (22) 07.12.2018
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(71) Christie, M.
(21) 2018274906 (22) 05.12.2018
(54) A Pet Door Assembly
(62) 2013224643

(71) CiiLOCK Engineering Pty Ltd
(21) 2018275010 (22) 07.12.2018
(54) Adjustable hinge
(31) 2017905139 (32) 21.12.17 (33) AU

(71) CONTAINER ROTATION SYSTEMS PTY LTD
(21) 2018274999 (22) 07.12.2018
(54) A CONTAINER AND LID ASSEMBLY AND METHOD OF EXCAVATION
(31) 2018900012 (32) 03.01.18 (33) AU

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(21) 2018274918

(71) Cook Medical Technologies LLC; Cook Biotech Incorporated
(21) 2018274918 (22) 05.12.2018
(54) TISSUE ADJUSTMENT IMPLANT
(62) 2014296053

(71) Council of Scientific and Industrial Research
(21) 2018274973 (22) 06.12.2018
(54) A process for the preparation of metal nanoparticles
(62) 2014343178

(71) Covidien LP
(21) 2018274903 (22) 05.12.2018
(54) Methods and apparatus for flow restoration
(62) 2016277687

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<p>(71) Cytlimic Inc. (21) 2018274976 (22) 06.12.2018 (54) HSP70-DERIVED PEPTIDE, PHARMACEUTICAL COMPOSITION FOR TREATING OR PREVENTING CANCER USING SAME, IMMUNITY INDUCER, AND METHOD FOR PRODUCING ANTIGEN-PRESENTING CELL (62) 2015329070</p>	<p>(54) Efficient surfactant system on plastic and all types of ware (62) 2016263563</p>	<p>for increasing plant yield and/or agricultural characteristics (62) 2017204404</p>
<p>(71) DANISCO US INC. (21) 2018271389 (22) 30.11.2018 (54) IMPROVEMENT OF STABILITY OF PHYTASE WITH PHYTIC ACID, AND COMPOSITIONS COMPRISING PHYTASE AND PHYTIC ACID (62) 2017200803</p>	<p>(71) EFC Solutions Inc. (21) 2018275019 (22) 10.12.2018 (54) Purifying aqueous mixtures derived from hydrocarbon production processes (62) 2013356283</p>	<p>(71) Exxonmobil Upstream Research Company (21) 2018274841 (22) 03.12.2018 (54) Scalable scheduling of parallel iterative seismic jobs (62) 2015363241</p>
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<p>(71) Dow Global Technologies LLC; Rohm and Haas Company (21) 2018274905 (22) 05.12.2018 (54) AQUEOUS DISPERSION OF MICROSPHERES P-ACID FUNCTIONALIZED POLYMER PARTICLES (31) 62/638,994 (32) 06.03.18 (33) US 62/598,072 13.12.17 US</p>	<p>(71) Empi, Inc. (21) 2018271408 (22) 30.11.2018 (54) Systems and methods for wireless control of noninvasive electrotherapy (62) 2014223543</p>	<p>(71) Facebook, Inc. (21) 2018274945 (22) 06.12.2018 (54) Tilting to scroll (62) 2017204633</p>
<p>(71) Dow Global Technologies LLC; Rohm and Haas Company; The Regents of the University of California (21) 2018274907 (22) 05.12.2018 (54) HYDROPHOBIC PIGMENT MODIFICATION (31) 62/607,658 (32) 19.12.17 (33) US</p>	<p>(71) Empresa Brasileira de Pesquisa Agropecuária - EMBRAPA; University College Cardiff Consultants Limited; Bthek Biotecnologia Ltda. (21) 2018274966 (22) 06.12.2018 (54) COMPOSITION BASED ON BACILLUS SPP. AND CORRELATE GENERA AND THEIR USE IN PEST CONTROL (62) 2017201236</p>	<p>(71) FERNO-WASHINGTON, INC. (21) 2018274944 (22) 06.12.2018 (54) Emergency vehicle patient transport systems (62) 2018250436</p>
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<p>(71) Ecolab USA Inc.; BASF SE (21) 2018274949 (22) 06.12.2018</p>	<p>(71) Ethicon, Inc. (21) 2018274863 (22) 04.12.2018 (54) Flow restrictor (31) 15/844,237 (32) 15.12.17 (33) US</p>	<p>(71) Fuji Xerox Co., Ltd. (21) 2018271394 (22) 30.11.2018 (54) Information processing apparatus, information processing method, and program (62) 2017202785</p>
<p>(71) Evogene Ltd. (21) 2018271407 (22) 30.11.2018 (54) Isolated polynucleotides and polypeptides, and methods of using same</p>	<p>(71) Ethicon, Inc. (21) 2018274865 (22) 04.12.2018 (54) Sterilization-assistance device (31) 15/834,233 (32) 07.12.17 (33) US</p>	<p>(71) G&E Healthcare Co., Ltd (21) 2018274891 (22) 05.12.2018 (54) NON-SLIP COTTON SANITARY PAD (31) 1020180023075 (32) 26.02.18 (33) KR</p>

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(71) Gearon, M. (21) 2018274901 (22) 05.12.2018 (54) Climbing Exerciser (31) 2017904944 (32) 08.12.17 (33) AU	(71) Hecht, S.; Paul, R.; Tang, C.; Madathil, M.; Bhattacharya, C. (21) 2018274904 (22) 05.12.2018 (54) SUGAR-LINKER-DRUG CONJUG-ATES (62) 2014233404	(54) Pyrrolo[3,2-c]Pyrimidine derivatives for the treatment of viral infections and other diseases (62) 2014301089
(71) Gearon, M. (21) 2018274902 (22) 05.12.2018 (54) Climbing Exerciser (31) 2017904944 (32) 08.12.17 (33) AU	Hiroshima University see Kyushu University, National University Corporation (21) 2018271425	(71) JEANNERET, P. (21) 2018274978 (22) 06.12.2018 (54) A WHEEL HUB ASSEMBLY AND METHOD THEREFOR
(71) General Kinematics Corporation (21) 2018274892 (22) 05.12.2018 (54) Spring assembly with a transverse attachment site (31) 15/836,808 (32) 08.12.17 (33) US	(71) Hydra-Stop LLC (21) 2018274852 (22) 04.12.2018 (54) Expanding gate valve assembly with pressure equalization system (31) 15/848,158 (32) 20.12.17 (33) US	(71) Johnson Matthey Davy Technologies Limited (21) 2018275017 (22) 10.12.2018 (54) PROCESS AND APPARATUS (62) 2014338752
GERRED, A. see Fisher & Paykel Healthcare Limited (21) 2018274993	(71) Hydra-Stop LLC (21) 2018274858 (22) 04.12.2018 (54) Pipe core sampling and tapping apparatus (31) 15/836,470 (32) 08.12.17 (33) US	(71) Joy Global Underground Mining LLC (21) 2018274921 (22) 05.12.2018 (54) Mining Machine with Driven Disc Cutters (62) 2017202235
(71) Glaukos Corporation (21) 2018274996 (22) 07.12.2018 (54) Intraocular physiological sensor (62) 2014249259	(71) IGT (21) 2018274912 (22) 05.12.2018 (54) Systems and Methods for Providing a Multi-Player Wagering Game (31) 15/852,497 (32) 22.12.17 (33) US	(71) Kimberly-Clark Worldwide, Inc. (21) 2018274862 (22) 04.12.2018 (54) Garment containing a porous polymeric material (62) 2014279705
(71) GlaxoSmithKline Biologicals SA (21) 2018274922 (22) 05.12.2018 (54) RSV immunization regimen (62) 2016247165	(71) IGT (21) 2018274913 (22) 05.12.2018 (54) Cashless Retail Wallet with Just-In-Time Funding from Cashless Wagering Wallet (31) 15/852,602 (32) 22.12.17 (33) US	(71) Kyushu University, National University Corporation; Hiroshima University (21) 2018271425 (22) 03.12.2018 (54) DNA-BINDING PROTEIN USING PPR MOTIF, AND USE THEREOF (62) 2014258386
(71) Google LLC (21) 2018272099 (22) 03.12.2018 (54) METHOD TO ADAPT ADS RENDERED IN A MOBILE DEVICE BASED ON EXISTENCE OF OTHER MOBILE APPLICATIONS (62) 2017203275	(71) iKEON Pty Limited (21) 2018274963 (22) 06.12.2018 (54) SAFETY INTERLOCK FOR POWER OUTLETS	(71) LANDA LABS (2012) LTD (21) 2018271400 (22) 30.11.2018 (54) APPARATUS AND METHOD FOR PRINTING ON THREE-DIMENSIONAL OBJECTS (31) 16/202,114 (32) 28.11.18 (33) US (62) PCT/IB2017/053168
Gritzapis, A. see Tsilivakos, V. (21) 2018274968	(71) ImmusanT, Inc. (21) 2018274876 (22) 04.12.2018 (54) Compositions and methods for treatment of celiac disease (62) 2017200516	(71) LANDA LABS (2012) LTD (21) 2018271404 (22) 30.11.2018 (54) APPARATUS AND METHOD FOR PRINTING ON CONICAL OBJECTS (31) 16/202,115 (32) 28.11.18 (33) US (62) PCT/IB2017/053169
Gritzapis, A. see TSILIVAKOS, V. (21) 2018275005	(71) Insitu, Inc. (21) 2018274971 (22) 06.12.2018 (54) Augmented video system providing enhanced situational awareness (62) 2014254425	(71) Leica Mikrosysteme GmbH (21) 2018274868 (22) 04.12.2018 (54) Loading station for transferring frozen samples at low temperatures (62) 2015295667
(71) Hapttech, Inc. (21) 2018271377 (22) 30.11.2018 (54) Method and apparatus for firearm recoil simulation (62) 2017201363	(71) Instinet Europe Limited (21) 2018275000 (22) 07.12.2018 (54) Anonymous block trade matching system (62) 2016247111	(71) LG Electronics Inc. (21) 2018274951 (22) 06.12.2018 (54) Refrigerator and outer plate for refrigerator door (31) 10-2017-0166446 (32) 06.12.17 (33) KR
(71) Hebei Haode Rubber & Plastics Co., Ltd. (21) 2018274959 (22) 06.12.2018 (54) Rubber Conveyer Belt and Preparation Method Thereof (31) 201811275424.3 (32) 30.10.18 (33) CN	(71) Janssen Sciences Ireland UC (21) 2018274911 (22) 05.12.2018	

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(71) LifeQ Global Limited
(21) 2018274884 (22) 04.12.2018
(54) Personalized Nutritional and Wellness Assistant
(62) 2016273911

(71) Lockheed Martin Corporation
(21) 2018274948 (22) 06.12.2018
(54) SYSTEM, METHOD AND COMPUTER READABLE MEDIUM FOR QUASSICAL COMPUTING

Madathil, M. see Hecht, S.
(21) 2018274904

(71) MATERIALS HANDLING SYSTEMS AUSTRALIA PTY LTD; New South Wales Sugar Milling Co-operative Limited; RETRACTABLE TARPS PTY LTD
(21) 2018274994 (22) 07.12.2018
(54) A CONTAINER FOR TRANSPORTING CROP MATERIAL
(62) 2016216606

(71) Meat & Livestock Australia Limited
(21) 2018271422 (22) 03.12.2018
(54) Feedlot bunk calling system and method
(62) 2018203945

(71) Medela Holding AG
(21) 2018274975 (22) 06.12.2018
(54) BREAST SHIELD WITH A FLEXIBLE EDGE
(62) 2016221967

(71) MedicalTree Patent Ltd
(21) 2018271406 (22) 30.11.2018
(54) Heart Help Device, System, And Method
(62) 2017202799

(71) Medtronic Holding Company Sàrl
(21) 2018274974 (22) 06.12.2018
(54) Manual mixer
(31) 15/876,256 (32) 22.01.18 (33) US

(71) Meril, Inc.
(21) 2018271390 (22) 30.11.2018
(54) Anthelmintic compounds
(62) 2015264336

(71) Meril, Inc.
(21) 2018271395 (22) 30.11.2018
(54) Reduced foaming vaccine compositions
(62) 2015330716

(71) Michael, D.; Wall, A.
(21) 2018274834 (22) 03.12.2018

(54) A Velocity and Collision Detection System
(31) 2018900065 (32) 10.01.18 (33) AU

(71) Mitsubishi Heavy Industries Thermal Systems, Ltd.
(21) 2018274982 (22) 07.12.2018
(54) CONTROL DEVICE OF AIR CONDITIONER, METHOD OF CONTROLLING AIR CONDITIONER, AIR CONDITIONER, AND CONTROL PROGRAM
(31) 2017-253221 (32) 28.12.17 (33) JP

(71) Mitsubishi Heavy Industries Thermal Systems, Ltd.
(21) 2018274983 (22) 07.12.2018
(54) SOUND ABSORBING ELEMENT FOR REFRIGERATION CYCLE SYSTEM, DECOMPRESSION UNIT INCLUDING THE SAME, AND REFRIGERATION CYCLE SYSTEM
(31) 2017-237376 (32) 12.12.17 (33) JP

(71) Moonlite World Inc.
(21) 2018274988 (22) 07.12.2018
(54) Image projection device
(62) 2017285487

(71) Motorola Solutions, Inc.
(21) 2018274991 (22) 07.12.2018
(54) AGGREGATING AND SEGREGATING MULTIPLE DIGITAL VEHICULAR REPEATERS AUTOMATICALLY
(62) 2015392469

(71) MUNZ, W.
(21) 2018274867 (22) 04.12.2018
(54) Method for storage of electronically signed documents
(31) 10 2017 126 483.3 (32) 10.11.17 (33) DE

(71) Myriad Technologies Pty Ltd
(21) 2018275023 (22) 10.12.2018
(54) A secure collaborative data communications network
(31) 2017905203 (32) 27.12.17 (33) AU
(62) PCT/AU2017/050463

(71) Nanobiosym, Inc.
(21) 2018274887 (22) 05.12.2018
(54) SYSTEMS AND METHODS FOR MOBILE DEVICE ANALYSIS OF NUCLEIC ACIDS AND PROTEINS
(62) 2014228937

(71) Nasdaq, Inc.
(21) 2018274957 (22) 06.12.2018
(54) Systems and methods of blockchain transaction recordation
(62) 2016242888

(71) Nasdaq Technology AB
(21) 2018275002 (22) 07.12.2018
(54) Systems and methods for electronic continuous trading of variant inventories
(31) 15/836,294 (32) 08.12.17 (33) US

(71) National Cancer Center; Rin Institute Inc.
(21) 2018274932 (22) 05.12.2018
(54) CANCER CELL-SPECIFIC ANTIBODY, ANTICANCER DRUG AND CANCER TESTING METHOD
(62) 2015313268

(71) Naya Health, Inc.
(21) 2018274923 (22) 05.12.2018
(54) Methods, apparatus, and system for expression of human breast milk
(62) 2015213782

(71) Nevro Corporation
(21) 2018274900 (22) 05.12.2018
(54) SPINAL CORD MODULATION FOR INDUCING PARESTHETIC AND ANESTHETIC EFFECTS, AND ASSOCIATED SYSTEMS AND METHODS
(62) 2016269457

(71) NewSouth Innovations Pty Limited
(21) 2018274880 (22) 04.12.2018
(54) ROTOR BLADE
(31) 2018902243 (32) 22.06.18 (33) AU

New South Wales Sugar Milling Co-operative Limited see MATERIALS HANDLING SYSTEMS AUSTRALIA PTY LTD
(21) 2018274994

(71) New Zealand Forest Research Institute Limited
(21) 2018271378 (22) 30.11.2018
(54) Adhesive
(62) 2014369112

(71) Nomadix, Inc.
(21) 2018274984 (22) 07.12.2018
(54) Systems and methods for group bandwidth management in a communication systems network
(62) 2016247155

(71) Novartis AG
(21) 2018274882 (22) 04.12.2018
(54) Stable protein solution formulation containing high concentration of an anti-VEGF antibody
(62) 2015342815

(71) Novartis AG; Astex Therapeutics Ltd
(21) 2018274883 (22) 04.12.2018
(54) Salt(s) of 7-Cyclopentyl-2-(5-piperazin-1-yl-pyridin-2-ylamino)-7H-

Complete Applications Filed - Name Index cont'd

pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide and processes of making thereof
(62) 2017221805

(71) Novartis AG
(21) 2018275016 **(22)** 03.12.2018
(54) CXCR2 binding polypeptides
(62) 2016234907

(71) Novomatic AG
(21) 2018275029 **(22)** 10.12.2018
(54) Ball guide and method for guiding balls
(62) 2016256756

(71) Noxxon Pharma AG
(21) 2018271388 **(22)** 30.11.2018
(54) New C5a Binding Nucleic Acids
(62) 2013209131

(71) NTT DOCOMO, INC.
(21) 2018274861 **(22)** 04.12.2018
(54) Audio signal processing device, audio signal processing method, and audio signal processing program
(62) 2017204606

(71) Obotics Inc.
(21) 2018274935 **(22)** 06.12.2018
(54) Method and Devices to Hydraulic Consumer Devices
(62) 2015230631

(71) Olight Technology Co., Limited
(21) 2018274886 **(22)** 04.12.2018
(54) Wire control switch and mobile lighting apparatus
(31) 16/183,745 **(32)** 08.11.18 **(33)** US

(71) Omega Ophthalmics LLC
(21) 2018271403 **(22)** 30.11.2018
(54) Prosthetic capsular devices, systems, and methods
(62) 2018204135

(71) ONESTEEL WIRE PTY LIMITED
(21) 2018274897 **(22)** 05.12.2018
(54) Strainer
(31) 2017904896 **(32)** 05.12.17 **(33)** AU

(71) Pall Corporation
(21) 2018275027 **(22)** 10.12.2018
(54) System and method for filtering water
(31) 16/205,664 **(32)** 30.11.18 **(33)** US

(71) Palm Nutraceuticals Sdn Bhd
(21) 2018275013 **(22)** 09.12.2018
(54) A Process of Preparing Vitamin E Concentrate
(31) PI 2018701060 **(32)** 16.03.18 **(33)** MY

(71) Paradise Honey Oy
(21) 2018274967 **(22)** 06.12.2018
(54) Structure of the filter assembly of a beeswax separation screw
(62) 2015207988

(71) Park, Y.
(21) 2018274962 **(22)** 06.12.2018
(54) Wet suit
(31) 10-2018-0138056 **(32)** 12.11.18 **(33)** KR
 10-2017-0167199 07.12.17 KR

Paul, R. see Hecht, S.
(21) 2018274904

(71) PELLENC
(21) 2018274940 **(22)** 06.12.2018
(54) Fruit collector featuring scales with limited displacement and scale intended for such a collector
(31) 18/70020 **(32)** 11.01.18 **(33)** FR

(71) Pfizer Inc.
(21) 2018274919 **(22)** 05.12.2018
(54) Bispecific heterodimeric diabodies and uses thereof
(62) 2015283704

(71) Picosys Incorporated, a Corporation of The State of California - DBA Invenios.
(21) 2018274837 **(22)** 03.12.2018
(54) ROOM TEMPERATURE GLASS-TO-GLASS, GLASS-TO-PLASTIC AND GLASS-TO-CERAMIC/SEMICONDUCTOR BONDING
(62) 2016259367

Plant Response Biotech SL see Universidad Politecnica de Madrid
(21) 2018274842

(71) Podack, E.
(21) 2018274997 **(22)** 07.12.2018
(54) Compositions and methods for the regulation of T regulatory cells using TL1A-IG fusion protein
(62) 2014205366

(71) Popowski, B.
(21) 2018274964 **(22)** 06.12.2018
(54) Animal transport assembly
(31) 2017904905 **(32)** 06.12.17 **(33)** AU

(71) Qualcomm Incorporated
(21) 2018275007 **(22)** 07.12.2018
(54) DOWNLINK AND UPLINK CHANNEL WITH LOW LATENCY
(62) 2015324152

(71) QUANTA ASSOCIATES, L.P.
(21) 2018274981 **(22)** 07.12.2018
(54) METHOD AND APPARATUS FOR SUPPORTING A PERMANENT CABLE SPLICE DURING CABLE INSTALLATION
(62) 2015331863

(71) Quest Diagnostics Investments LLC
(21) 2018275011 **(22)** 07.12.2018
(54) Quantitation of tamoxifen and metabolites thereof by mass spectrometry
(62) 2015259294

(71) Redekop, J.
(21) 2018275006 **(22)** 07.12.2018
(54) TILLAGE IMPLEMENT
(31) 62/686,972 **(32)** 19.06.18 **(33)** US

(71) Regeneron Pharmaceuticals, Inc.
(21) 2018271383 **(22)** 30.11.2018
(54) MICE EXPRESSING HUMANIZED T-CELL CO-RECEPTORS
(62) 2014218897

RETRACTABLE TARPS PTY LTD see MATERIALS HANDLING SYSTEMS AUSTRALIA PTY LTD
(21) 2018274994

(71) RICKARDS, D.
(21) 2018274979 **(22)** 06.12.2018
(54) An improved hand tool

Rin Institute Inc. see National Cancer Center
(21) 2018274932

(71) Roche Glycart AG
(21) 2018274836 **(22)** 03.12.2018
(54) Composition comprising two antibodies engineered to have reduced and increased effector function
(62) 2013301582

Rohm and Haas Company see Dow Global Technologies LLC
(21) 2018274905

Rohm and Haas Company see Dow Global Technologies LLC
(21) 2018274907

(71) Rohm and Haas Company
(21) 2018274908 **(22)** 05.12.2018
(54) AQUEOUS DISPERSION OF POLYMER PARTICLES, MICROSPHERES, AND POLYETHYLENE WAX
(31) 62/607,651 **(32)** 19.12.17 **(33)** US
 62/638,995 06.03.18 US

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<p>(71) Roofing Industries Limited; TANDARRA ENGINEERING LIMITED (21) 2018274840 (22) 03.12.2018 (54) Adjustable Roll-Forming Apparatus (31) 737966 (32) 01.12.17 (33) NZ</p>	<p>(71) Slatbox Pty Ltd (21) 2018274926 (22) 05.12.2018 (54) A CONTAINER (62) 2016250367</p>	<p>TANDARRA ENGINEERING LIMITED see Roofing Industries Limited (21) 2018274840</p>
<p>(71) Royal Bank of Canada (21) 2018274909 (22) 05.12.2018 (54) Synchronized processing of data by networked computing resources (62) 2016231624</p>	<p>(71) Smith, K. (21) 2018271413 (22) 01.12.2018 (54) Blockage resistant pressure reducing valve for debris laden liquids</p>	<p>Tang, C. see Hecht, S. (21) 2018274904</p>
<p>(71) Ryan, D. (21) 2018264159 (22) 18.11.2018 (54) Sporting Chance, Coach Education Program.</p>	<p>(71) Smith & Wesson Corp. (21) 2018271362 (22) 30.11.2018 (54) Self-captured detent mechanism (62) 2017206821</p>	<p>(71) Tata Communications (America) Inc. (21) 2018275024 (22) 10.12.2018 (54) CAPACITY ALLOCATION OF CALL-HANDLING DEVICES (62) 2014369962</p>
<p>(71) Samumed, LLC (21) 2018275021 (22) 10.12.2018 (54) GAMMA-DIKETONES AS WNT/BETA-CATENIN SIGNALING PATHWAY ACTIVATORS (62) 2014218720</p>	<p>(71) Sony Corporation (21) 2018271391 (22) 30.11.2018 (54) Image processing device and method (62) 2014294215</p>	<p>(71) Tata Consultancy Services Limited (21) 2018274972 (22) 06.12.2018 (54) Data quality analysis (62) 2013200233</p>
<p>(71) Scheppach Fabrikation von Holzbearbeitungsmaschinen GmbH (21) 2018275014 (22) 09.12.2018 (54) Saw (31) 17020574.4 (32) 13.12.17 (33) EP</p>	<p>(71) speers, j. (21) 2018274843 (22) 03.12.2018 (54) A all in one rolling paper with paper filter attached. Modern, reusable, and sustainable design, environmentally aware smoking paper with hard paper attached as filter, alternative to traditional filters and rolling papers. More papers per pack as to save the need for papers and repackaging. Cardboard paper filter, recycled paper to be used if permitted.</p>	<p>(71) TEE TURTLE, LLC (21) 2018274894 (22) 05.12.2018 (54) REVERSIBLE TOY (31) 15/849,493 (32) 20.12.17 (33) US</p>
<p>(71) Schneider Electric (Australia) Pty Ltd (21) 2018274878 (22) 04.12.2018 (54) BUTTON AND BUTTON SWITCH (31) 201721714194.7 (32) 11.12.17 (33) CN</p>	<p>(71) Step Ahead Innovations Inc. (21) 2018274916 (22) 05.12.2018 (54) Aquatic environment water parameter testing systems and methods (62) 2014281415</p>	<p>(71) Teitzel, C.G. (21) 2018274990 (22) 07.12.2018 (54) Apparatus for Aggregate and Emulsion Application (62) 2016277756</p>
<p>(71) Schneider Electric (Australia) Pty Ltd (21) 2018274879 (22) 04.12.2018 (54) BUTTON ASSEMBLY FOR PUSH-BUTTON SWITCH, PUSH-BUTTON SWITCH, AND ELECTRONIC DEVICE (31) 201711481219.8 (32) 29.12.17 (33) CN</p>	<p>(71) Subramanya, B. (21) 2018275022 (22) 10.12.2018 (54) Directional speed and distance sensor (62) 2016259401</p>	<p>(71) Telefonaktiebolaget LM Ericsson (publ) (21) 2018274931 (22) 05.12.2018 (54) Management of wireless devices in limited radio coverage (62) 2015278743</p>
<p>(71) Seowon Technology Co., Ltd. (21) 2018274859 (22) 04.12.2018 (54) Liquid measuring system of the bubble removal type (31) 10-2018-0139038 (32) 13.11.18 (33) KR</p>	<p>(71) Sumitomo Metal Mining Co., Ltd. (21) 2018274856 (22) 04.12.2018 (54) Method for smelting nickel oxide ore (62) 2015297753</p>	<p>(71) The a2 Milk Company Limited (21) 2018274937 (22) 06.12.2018 (54) BETA-CASEIN A2 AND PREVENTION OF INFLAMMATION OF THE BOWEL (62) 2014271423</p>
<p>(71) Seowon Technology Co., Ltd. (21) 2018274860 (22) 04.12.2018 (54) Pipe pressing tool (31) 10-2018-0033586 (32) 23.03.18 (33) KR</p>	<p>(71) Swiss Reinsurance Company Ltd. (21) 2018275026 (22) 10.12.2018 (54) System and method for pattern-recognition based monitoring and controlled processing of data objects based on conformity measurements (62) 2014408538</p>	<p>(71) The Boeing Company (21) 2018274866 (22) 04.12.2018 (54) Virtual cell for battery thermal management (62) 2014224152</p>
<p>(71) Shanferly, W. (21) 2018275015 (22) 09.12.2018 (54) Drainage pipe capping apparatus and methods of utilisation thereof</p>	<p>(71) Syngenta Participations AG (21) 2018275025 (22) 10.12.2018 (54) Tetraploid watermelon line 74WA002 (31) 15/861,028 (32) 03.01.18 (33) US</p>	<p>(71) The Council of The Queensland Institute of Medical Research (21) 2018274961 (22) 06.12.2018 (54) Improved human herpesvirus immunotherapy (62) 2013332272</p>
		<p>(71) The Raymond Corporation (21) 2018274849 (22) 04.12.2018 (54) SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE WITH A MODULAR FRAME (31) 62/594,771 (32) 05.12.17 (33) US</p>

Complete Applications Filed - Name Index cont'd

(71) The Regents of the University of California
 (21) 2018274846 (22) 04.12.2018
 (54) Polyaniline membranes formed by phase inversion for forward osmosis applications
 (62) 2014265390

The Regents of the University of California see Dow Global Technologies LLC
 (21) 2018274907

(71) The Trustee for PARKS FAMILY TRUST
 (21) 2018271415 (22) 01.12.2018
 (54) Pizza/Rotisserie & Stacker Ring for 22" Weber (trade mark) Kettle

(71) The trustee for Turner Family Trust
 (21) 2018271419 (22) 03.12.2018
 (54) Zone 123 Gym provide methods and systems for managing a fitness arena. The method includes segmenting the fitness arena into a plurality of zones, wherein the plurality of zones comprising a zone 1 warm up area, a zone 2 hard yards area, and a zone 3 cool down area; arranging a plurality of equipment comprising one or more types of exercising equipment within each of the plurality of zones in a pre-defined setup; setting a predefined time of using each of the plurality of zones by a plurality of members.
 (31) 2017905082 (32) 20.12.17 (33) AU

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
 (21) 2018274874 (22) 04.12.2018
 (54) Methods of producing enriched populations of tumor reactive T cells from tumor
 (62) 2013379772

(71) Top Glove International Sdn. Bhd.
 (21) 2018274838 (22) 03.12.2018
 (54) Crosslinked Styrenic Block Copolymer

(71) Toyo Seikan Group Holdings, Ltd.
 (21) 2018274965 (22) 06.12.2018
 (54) METHOD OF FILLING LIQUID CONTENT AND PACKING CONTAINER FILLED WITH LIQUID CONTENT
 (62) 2015265081

(71) Trend Windows & Doors Pty Limited
 (21) 2018271405 (22) 30.11.2018
 (54) Window winder
 (62) 2016222419

(71) Tse, K.W.
 (21) 2018271416 (22) 02.12.2018
 (54) Vessel design for the reduction of hydrodynamic drag

(71) Tsilivakos, V.; Gritzapis, A.
 (21) 2018274968 (22) 06.12.2018
 (54) Method of intracellular infectious agent detection in sperm cells
 (62) 2013239416

(71) TSILIVAKOS, V.; Gritzapis, A.
 (21) 2018275005 (22) 07.12.2018
 (54) Method of intracellular infectious agent detection in sperm cells
 (62) 2013239416

(71) Unitract Syringe Pty Ltd
 (21) 2018271374 (22) 30.11.2018
 (54) Flow restriction mechanisms for drug delivery pumps
 (62) 2014209195

(71) Universidad Politecnica de Madrid; Plant Response Biotech SL
 (21) 2018274842 (22) 30.11.2018
 (54) Method for increasing the production of flowers, seeds and/or fruit of a plant
 (62) 2014369737

University College Cardiff Consultants Limited see Empresa Brasileira de Pesquisa Agropecuária - EMBRAPA
 (21) 2018274966

(71) UVLrx Therapeutics, Inc.
 (21) 2018271393 (22) 30.11.2018
 (54) HIGH EFFICIENCY OPTICAL COMBINER FOR MULTIPLE NON-COHERENT LIGHT SOURCES
 (62) 2015342770

(71) VACREST PTY LTD
 (21) 2018274977 (22) 06.12.2018
 (54) A system for providing a continuous stream of foamed cement product and a Mixing and Pump Apparatus, System and an Associated Method for Providing a Stream of Foamed Cement Material
 (62) 2016204308

(71) Vandecar, C.
 (21) 2018274869 (22) 04.12.2018
 (54) Plant and animal extracts and related methods
 (62) 2015243531

(71) Vascular Biogenics Ltd.
 (21) 2018271398 (22) 30.11.2018
 (54) Treatment methods using adenovirus
 (62) 2017202492

(71) Viavi Solutions Inc.
 (21) 2018274881 (22) 04.12.2018
 (54) Multispectral Sensor Response Balancing
 (31) 16/129,332 (32) 12.09.18 (33) US
 62/596,600 08.12.17 US

(71) Viavi Solutions Inc.
 (21) 2018274929 (22) 05.12.2018
 (54) Optical Filters
 (31) 15/845,607 (32) 18.12.17 (33) US

(71) Vorwerk & Co. Interholding GmbH
 (21) 2018274844 (22) 03.12.2018
 (54) ACTUATING DEVICE WITH MAGNETS
 (31) 10 2017 128 820.1 (32) 05.12.17 (33) DE

Wall, A. see Michael, D.
 (21) 2018274834

(71) Western Digital Technologies, Inc.
 (21) 2018274835 (22) 03.12.2018
 (54) High performance read-modify-write system providing line-rate merging of dataframe segments in hardware
 (62) 2014265183

(71) Westinghouse Air Brake Technologies Corporation
 (21) 2018274928 (22) 05.12.2018
 (54) QUICK SERVICE LIMITING VALVE
 (31) 62/596,280 (32) 08.12.17 (33) US
 16/202,750 28.11.18 US

(71) White, J.
 (21) 2018274848 (22) 04.12.2018
 (54) A safety device for a vehicle
 (31) 2018900025 (32) 04.01.18 (33) AU

WHITING, D. see Fisher & Paykel Healthcare Limited
 (21) 2018274993

(71) Windor Group Pty Ltd
 (21) 2018274934 (22) 06.12.2018
 (54) Opener Limiter
 (31) 2017904933 (32) 07.12.17 (33) AU

(71) Yuan, X.
 (21) 2018274992 (22) 07.12.2018
 (54) UNIT TRADING SYSTEM
 (31) 201711319702.6 (32) 12.12.17 (33) CN

(71) ZIH Corp.
 (21) 2018271384 (22) 30.11.2018
 (54) Method, apparatus, and computer program product improving real time loca-

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tion systems with multiple location technologies
(62) 2015270105

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2018264159	Ryan, D.	2018274868	Leica Mikrosysteme GmbH
2018271362	Smith & Wesson Corp.	2018274869	Vandecar, C.
2018271374	Unitract Syringe Pty Ltd	2018274870	Caterpillar Inc.
2018271377	Hapttech, Inc.	2018274871	ENDACE TECHNOLOGY LIMITED
2018271378	New Zealand Forest Research Institute Limited	2018274872	Caterpillar Inc.
2018271380	Aristocrat Technologies Australia Pty Limited	2018274873	FIRE & SECURITY HARDWARE PTY LTD
2018271383	Regeneron Pharmaceuticals, Inc.	2018274874	The United States of America, as represented by the Secretary, Department of Health and Human Services
2018271384	ZIH Corp.		ImmusanT, Inc.
2018271388	Noxxon Pharma AG	2018274876	Carl Zeiss Meditec Production, LLC
2018271389	DANISCO US INC.	2018274877	Schneider Electric (Australia) Pty Ltd
2018271390	Merial, Inc.	2018274878	Schneider Electric (Australia) Pty Ltd
2018271391	Sony Corporation	2018274879	NewSouth Innovations Pty Limited
2018271393	UVLrx Therapeutics, Inc.	2018274880	Viavi Solutions Inc.
2018271394	Fuji Xerox Co., Ltd.	2018274881	Novartis AG
2018271395	Merial, Inc.	2018274882	Novartis AG; Astex Therapeutics Ltd
2018271398	Vascular Biogenics Ltd.	2018274883	LifeQ Global Limited
2018271400	LANDA LABS (2012) LTD	2018274884	Blakeman, J.
2018271401	ExxonMobil Upstream Research Company	2018274885	Olight Technology Co., Limited
2018271403	Omega Ophthalmics LLC	2018274886	Nanobiosym, Inc.
2018271404	LANDA LABS (2012) LTD	2018274887	Bluebird Bio, Inc.
2018271405	Trend Windows & Doors Pty Limited	2018274888	Abbott Diabetes Care Inc.
2018271406	MedicalTree Patent Ltd	2018274889	Aguamarina SpA
2018271407	Evogene Ltd.	2018274890	G&E Healthcare Co., Ltd
2018271408	Empi, Inc.	2018274891	General Kinematics Corporation
2018271409	Ecolab USA Inc.	2018274892	Aristocrat Technologies Australia Pty Limited
2018271411	Bright Structures Ltd	2018274893	TEE TURTLE, LLC
2018271413	Smith, K.	2018274894	Caterpillar Inc.
2018271415	The Trustee for PARKS FAMILY TRUST	2018274895	ONESTEEL WIRE PTY LIMITED
2018271416	Tse, K.W.	2018274897	Nevro Corporation
2018271419	The trustee for Turner Family Trust	2018274900	Gearon, M.
2018271420	Bayer Healthcare LLC	2018274901	Gearon, M.
2018271422	Meat & Livestock Australia Limited	2018274902	Covidien LP
2018271425	Kyushu University, National University Corporation; Hiroshima University	2018274903	Hecht, S.; Paul, R.; Tang, C.; Madathil, M.; Bhat-tacharya, C.
2018272099	Google LLC	2018274904	Dow Global Technologies LLC; Rohm and Haas Company
2018274834	Michael, D.; Wall, A.		Christie, M.
2018274835	Western Digital Technologies, Inc.	2018274906	Dow Global Technologies LLC; Rohm and Haas Company; The Regents of the University of California
2018274836	Roche Glycart AG	2018274907	Rohm and Haas Company
2018274837	Picosys Incorporated, a Corporation of The State of California - DBA Invenios.	2018274908	Royal Bank of Canada
2018274838	Top Glove International Sdn. Bhd.	2018274909	Biosense Webster (Israel) Ltd.
2018274839	ENLIGHTEN AUSTRALIA PTY LTD	2018274910	Janssen Sciences Ireland UC
2018274840	Roofing Industries Limited; TANDARRA ENGINEERING LIMITED	2018274911	IGT
2018274841	Exxonmobil Upstream Research Company	2018274912	IGT
2018274842	Universidad Politecnica de Madrid; Plant Response Biotech SL	2018274913	Allergan, Inc.
2018274843	speers, j.	2018274914	Boston Scientific Neuromodulation Corporation
2018274844	Vorwerk & Co. Interholding GmbH	2018274915	Step Ahead Innovations Inc.
2018274846	The Regents of the University of California	2018274916	BGC Partners, Inc
2018274847	Foret Plasma Labs, LLC	2018274917	Cook Medical Technologies LLC; Cook Biotech Incorporated
2018274848	White, J.	2018274918	Pfizer Inc.
2018274849	The Raymond Corporation	2018274919	Joy Global Underground Mining LLC
2018274852	Hydra-Stop LLC	2018274921	GlaxoSmithKline Biologicals SA
2018274853	ALSTOM Transport Technologies	2018274922	Naya Health, Inc.
2018274854	AMARIN PHARMACEUTICALS IRELAND LIMITED	2018274923	BIOM'UP
2018274855	DS Smith Plastics Limited	2018274924	Accenture Global Solutions Limited
2018274856	Sumitomo Metal Mining Co., Ltd.	2018274925	Slatbox Pty Ltd
2018274858	Hydra-Stop LLC	2018274926	Accenture Global Solutions Limited
2018274859	Seowon Technology Co., Ltd.	2018274927	Westinghouse Air Brake Technologies Corporation
2018274860	Seowon Technology Co., Ltd.	2018274928	Viavi Solutions Inc.
2018274861	NTT DOCOMO, INC.	2018274929	Telefonaktiebolaget LM Ericsson (publ)
2018274862	Kimberly-Clark Worldwide, Inc.	2018274931	National Cancer Center; Rin Institute Inc.
2018274863	Ethicon, Inc.	2018274932	Aristocrat Technologies Australia Pty Limited
2018274864	Biosense Webster (Israel) Ltd.	2018274933	Windor Group Pty Ltd
2018274865	Ethicon, Inc.	2018274934	Obotics Inc.
2018274866	The Boeing Company	2018274935	Aristocrat Technologies Australia Pty Limited
2018274867	MUNZ, W.	2018274936	

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2018274937	The a2 Milk Company Limited	2018275013	Palm Nutraceuticals Sdn Bhd
2018274938	Aristocrat Technologies Australia Pty Limited	2018275014	Scheppach Fabrikation von Holzbearbeitungs- maschinen GmbH
2018274939	AMO Development, LLC	2018275015	Shanferly, W.
2018274940	PELLENC	2018275016	Novartis AG
2018274943	Britax Child Safety, Inc.	2018275017	Johnson Matthey Davy Technologies Limited
2018274944	FERNO-WASHINGTON, INC.	2018275018	Amtek Pty Limited
2018274945	Facebook, Inc.	2018275019	EFC Solutions Inc.
2018274946	Aristocrat Technologies Australia Pty Limited	2018275020	Arbutus Biopharma Corporation
2018274948	Lockheed Martin Corporation	2018275021	Samumed, LLC
2018274949	Ecolab USA Inc.; BASF SE	2018275022	Subramanya, B.
2018274950	Arkema France	2018275023	Myriad Technologies Pty Ltd
2018274951	LG Electronics Inc.	2018275024	Tata Communications (America) Inc.
2018274954	CAC Transport Pty Ltd	2018275025	Syngenta Participations AG
2018274956	Electrolux Appliances Aktiebolag	2018275026	Swiss Reinsurance Company Ltd.
2018274957	Nasdaq, Inc.	2018275027	Pall Corporation
2018274959	Hebei Haode Rubber & Plastics Co., Ltd.	2018275028	Catalent Ontario Limited
2018274960	Aristocrat Technologies Australia Pty Limited	2018275029	Novomatic AG
2018274961	The Council of The Queensland Institute of Medical Re- search		
2018274962	Park, Y.		
2018274963	iKEON Pty Limited		
2018274964	Popowski, B.		
2018274965	Toyo Seikan Group Holdings, Ltd.		
2018274966	Empresa Brasileira de Pesquisa Agropecuária - EM- BRAPA; University College Cardiff Consultants Limited; Bthek Biotecnologia Ltda.		
2018274967	Paradise Honey Oy		
2018274968	Tsilivakos, V.; Gritzapis, A.		
2018274969	Castle Hill Holding LLC		
2018274970	Amcor Limited		
2018274971	Insitu, Inc.		
2018274972	Tata Consultancy Services Limited		
2018274973	Council of Scientific and Industrial Research		
2018274974	Medtronic Holding Company Sàrl		
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2018274976	Cytlimic Inc.		
2018274977	VACREST PTY LTD		
2018274978	JEANNERET, P.		
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2018274981	QUANTA ASSOCIATES, L.P.		
2018274982	Mitsubishi Heavy Industries Thermal Systems, Ltd.		
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2018274984	Nomadix, Inc.		
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2018274986	Aurora Flight Sciences Corporation		
2018274988	Moonlite World Inc.		
2018274989	Dyson Technology Limited		
2018274990	Teitzel, C.G.		
2018274991	Motorola Solutions, Inc.		
2018274992	Yuan, X.		
2018274993	Fisher & Paykel Healthcare Limited; WHITING, D.; GERRED, A.		
2018274994	MATERIALS HANDLING SYSTEMS AUSTRALIA PTY LTD; New South Wales Sugar Milling Co-operative Lim- ited; RETRACTABLE TARPS PTY LTD		
2018274995	Baxter International Inc.; Baxter Healthcare S.A.		
2018274996	Glaukos Corporation		
2018274997	Podack, E.		
2018274998	Caterpillar Inc.		
2018274999	CONTAINER ROTATION SYSTEMS PTY LTD		
2018275000	Instinet Europe Limited		
2018275001	Epic Surf Design Company, LLC		
2018275002	Nasdaq Technology AB		
2018275003	Aristocrat Technologies Australia Pty Limited		
2018275004	AMO Wavefront Sciences, LLC		
2018275005	TSILIVAKOS, V.; Gritzapis, A.		
2018275006	Redekop, J.		
2018275007	Qualcomm Incorporated		
2018275009	Aristocrat Technologies Australia Pty Limited		
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Applications listed below were processed through the Patent Office Canberra during the period ending 4 Dec 2018 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>Ananthanarayanan, R. see Sharma, J. (21) 2018101989</p> <hr/> <p>(71) Apple Inc. (21) 2018101947 (22) 04.12.2018 (54) Watch theater mode (62) 2018100179</p> <hr/> <p>CAI, Y. see WU, X. (21) 2018102039</p> <hr/> <p>CAI, P. see WU, X. (21) 2018102039</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101972 (22) 05.12.2018 (54) Oil-based drilling fluid emulsifier octadecanoic acid production plant (31) 201711447162X (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101973 (22) 05.12.2018 (54) RI-01 crude oil demulsifier production plant (31) 2017114463036 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101974 (22) 05.12.2018 (54) Extractant 2-methyl-2-methoxypropane production plant (31) 2017114474416 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101975 (22) 05.12.2018 (54) Acrylate-maleic anhydride-octadecylamine terpolymer production plant (31) 2017114423448 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101976 (22) 05.12.2018 (54) Polyvinylpyrrolidone production plant (31) 2017114463021 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101977 (22) 06.12.2018</p>	<p>(54) Low-base calcium petroleum sulfonate production plant (31) 2017114474420 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101978 (22) 06.12.2018 (54) Plasticizer ethylene glycol methyl ether production plant (31) 2017114458201 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101979 (22) 06.12.2018 (54) Acrylate and ether copolymer production plant (31) 2017114462550 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101980 (22) 06.12.2018 (54) N, N'-salicyl-1,2-propionamide production plant (31) 2017114535477 (32) 28.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101981 (22) 06.12.2018 (54) Barium petroleum sulfonate production plant (31) 201711447444X (32) 28.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101982 (22) 06.12.2018 (54) Biological enzyme desizing additive JFC production plant (31) 2017114529546 (32) 28.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101983 (22) 06.12.2018 (54) High temperature dye dispersant S production plant (31) 2017114535481 (32) 28.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101984 (22) 06.12.2018 (54) Fiber dye dispersant BZS production plant (31) 2017114544866 (32) 28.12.17 (33) CN</p>	<p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101985 (22) 06.12.2018 (54) Dye dispersant sodium cellulose sulfate production plant (31) 2017114480703 (32) 28.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101986 (22) 06.12.2018 (54) Cationic dye sulfated bisethanol production plant (31) 2017114545619 (32) 28.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Hui Si Dun Technology Co., Ltd. (21) 2018101987 (22) 06.12.2018 (54) Fluorescent brightener VBL production plant (31) 2017114546062 (32) 28.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Kai En Di Technology Co., Ltd. (21) 2018101957 (22) 05.12.2018 (54) Antioxidant n-phenyl-1-naphthylamine production plant (31) 2017114442237 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Kai En Di Technology Co., Ltd. (21) 2018101958 (22) 05.12.2018 (54) Anti-ozone stabilizer phenylethyl naphthylamine production plant (31) 201711440463X (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Kai En Di Technology Co., Ltd. (21) 2018101959 (22) 05.12.2018 (54) N-cyclohexyl-N'-phenyl-p-phenylenediamine production plant (31) 2017114431904 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Kai En Di Technology Co., Ltd. (21) 2018101960 (22) 05.12.2018 (54) N-(1-methylisopentyl)-N'-phenyl-p-phenylenediamine production plant (31) 2017114462118 (32) 27.12.17 (33) CN</p> <hr/> <p>(71) Chengdu Kai En Di Technology Co., Ltd. (21) 2018101961 (22) 05.12.2018 (54) Anilino methyl triethoxy silane production plant (31) 2017114462512 (32) 27.12.17 (33) CN</p>
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(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101962 (22) 05.12.2018
 (54) Vinyl tris (β-methoxyethoxy) silane production plant
 (31) 2017114463017 (32) 27.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101971 (22) 05.12.2018
 (54) CT1-6 acid gelling agent production plant
 (31) 2017114442256 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102016 (22) 06.12.2018
 (54) Magnetic drug carrier nano iron oxide production plant
 (31) 2017114523183 (32) 28.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101963 (22) 05.12.2018
 (54) Isopropyl trioleoyl oxy titanate production plant
 (31) 2017114462122 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102008 (22) 06.12.2018
 (54) Acrylic spinning oil fatty acid polyoxyethylene ester production plant
 (31) 2017114480667 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102017 (22) 06.12.2018
 (54) Vulcanization active agent nano zinc oxide production plant
 (31) 2017114528914 (32) 28.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101964 (22) 05.12.2018
 (54) Dispersant sodium carboxymethyl starch production plant
 (31) 2017114462527 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102009 (22) 06.12.2018
 (54) Acrylic fiber brightener PEB production plant
 (31) 2017114471634 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102018 (22) 06.12.2018
 (54) Far-infrared emitting material nano alumina production plant
 (31) 2017114528971 (32) 28.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101965 (22) 05.12.2018
 (54) Dispersant sodium polyacrylate production plant
 (31) 2017114458470 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102010 (22) 06.12.2018
 (54) 1,2-benzisothiazolin-3-one production plant
 (31) 2017114462531 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102019 (22) 06.12.2018
 (54) Pharmaceutical ultrafine barium sulfate production plant
 (31) 2017114529512 (32) 28.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101966 (22) 05.12.2018
 (54) Viscosity reducer sodium humate production plant
 (31) 201711445817X (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102011 (22) 06.12.2018
 (54) Pharmaceutical intermediate sodium caseinate production plant
 (31) 2017114480421 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102020 (22) 06.12.2018
 (54) Polarization apparatus material yttrium vanadate crystal production plant
 (31) 2017114480686 (32) 28.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101967 (22) 05.12.2018
 (54) Tackifier carboxymethyl cellulose production plant
 (31) 2017114334957 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102012 (22) 06.12.2018
 (54) Butadiene-styrene copolymer production plant
 (31) 2017114471649 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102021 (22) 06.12.2018
 (54) Dispersant ammonium dihydrogen phosphate crystal production plant
 (31) 2017114480281 (32) 28.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101968 (22) 05.12.2018
 (54) 2-hydroxy-3-sulfopropyl propyl starch ether production plant
 (31) 2017114458184 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102013 (22) 06.12.2018
 (54) Nano zirconium dioxide production plant
 (31) 2017114480436 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102022 (22) 06.12.2018
 (54) Catalyst matrix material aluminum borate whisker production plant
 (31) 2017114523200 (32) 28.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101969 (22) 05.12.2018
 (54) Flocculant polyacrylamide gel production plant
 (31) 2017114442241 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102014 (22) 06.12.2018
 (54) Nano silica production plant
 (31) 2017114480440 (32) 27.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101877 (22) 30.11.2018
 (54) Neuritis treatment drug thiamine hydrochloride production plant
 (31) 2017112932706 (32) 08.12.17 (33) CN

(71) Chengdu Kai En Di Technology Co., Ltd.
 (21) 2018101970 (22) 05.12.2018
 (54) Sulfomethylated polyacrylamide production plant
 (31) 2017114471615 (32) 27.12.17 (33) CN

(71) Chengdu Ke Bo Te Technology Co., Ltd.
 (21) 2018102015 (22) 06.12.2018
 (54) Antibacterial coating additive nano titanium dioxide production plant
 (31) 2017114523179 (32) 28.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101878 (22) 30.11.2018
 (54) Anti-anemia drug cyanocobalamin production plant
 (31) 2017112941832 (32) 08.12.17 (33) CN

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(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101879 (22) 30.11.2018
 (54) Immune-enhancing drug water-soluble vitamin E production plant
 (31) 2017112941847 (32) 08.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101880 (22) 30.11.2018
 (54) Photosensitive material polyvinyl cinnamate production plant
 (31) 2017112941404 (32) 08.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101881 (22) 30.11.2018
 (54) Resist polyurethane double azide polymer production plant
 (31) 2017112941851 (32) 08.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101882 (22) 30.11.2018
 (54) Resist cyclized polyisoprene production plant
 (31) 2017112982368 (32) 08.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101883 (22) 30.11.2018
 (54) O-naphthoquinone positive photoresist production plant
 (31) 2017112938524 (32) 08.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101885 (22) 30.11.2018
 (54) Pharmaceutical intermediate high purity toluene production plant
 (31) 2017112940929 (32) 08.12.17 (33) CN

(71) Chengdu Li Wei Er Technology Co., Ltd.
 (21) 2018101886 (22) 30.11.2018
 (54) Sodium formate synthesis intermediate high purity carbon monoxide production plant
 (31) 2017112936694 (32) 08.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101887 (22) 30.11.2018
 (54) Pharmaceutical intermediate high purity nitric acid production plant
 (31) 2017112996110 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101888 (22) 30.11.2018

(54) Thiourea dioxide synthesis intermediate high purity hydrogen peroxide production plant
 (31) 2017112996267 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101889 (22) 30.11.2018
 (54) Penicillin extractant high purity chloroform production plant
 (31) 2017112996318 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101890 (22) 30.11.2018
 (54) Pharmaceutical intermediate high purity anhydrous ethanol production plant
 (31) 2017112996360 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101891 (22) 30.11.2018
 (54) Aspirin drug intermediate high purity acetic acid production plant
 (31) 2017112996464 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101892 (22) 30.11.2018
 (54) Vitamin C drug synthesis intermediate high purity acetone production plant
 (31) 2017112996765 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101893 (22) 30.11.2018
 (54) Circuit board photocuring solder mask production plant
 (31) 2017112996479 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101895 (22) 30.11.2018
 (54) 4-n-butoxybenzylidene-4'-octyloxylaniline production plant
 (31) 2017112996483 (32) 09.12.17 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101896 (22) 30.11.2018
 (54) Spinel crystal γ -Fe₂O₃ production plant
 (31) 201810000599 (32) 02.01.18 (33) CN

(71) Chengdu Mi Er Dun Technology Co., Ltd.
 (21) 2018101897 (22) 30.11.2018
 (54) Cobalt ferrite Co-Fe₃O₄ magnetic powder production plant
 (31) 2017112997170 (32) 09.12.17 (33) CN

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(71) Chengdu Mi Er Dun Technology Co., Ltd.
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(71) Chengdu Mi Er Dun Technology Co., Ltd.
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(71) Chengdu Mi Er Dun Technology Co., Ltd.
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2018101920	Chengdu Si Bo Li Technology Co., Ltd.	2018101987	Chengdu Hui Si Dun Technology Co., Ltd.
2018101921	Chengdu Wei En Si Technology Co., Ltd.	2018101988	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018101922	Chengdu Wei En Si Technology Co., Ltd.	2018101989	Sharma, J.; Ananthanarayanan, R.
2018101923	Chengdu Wei En Si Technology Co., Ltd.	2018101990	eslick, r.; Eslick, A.; Eslick, L.
2018101924	Chengdu Wei En Si Technology Co., Ltd.	2018101991	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101925	Chengdu Wei En Si Technology Co., Ltd.	2018101992	Chengdu Pa Luo Ao Technology Co., Ltd.
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2018101927	Chengdu Wei En Si Technology Co., Ltd.	2018101994	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101928	Chengdu Wei En Si Technology Co., Ltd.	2018101995	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101929	Chengdu Wei En Si Technology Co., Ltd.	2018101996	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101930	Chengdu Wei En Si Technology Co., Ltd.	2018101997	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101931	Chengdu Wei En Si Technology Co., Ltd.	2018101998	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101932	Chengdu Wei En Si Technology Co., Ltd.	2018101999	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101933	Chengdu Wei En Si Technology Co., Ltd.	2018102000	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101934	Chengdu Wei En Si Technology Co., Ltd.	2018102001	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101935	Chengdu Wei En Si Technology Co., Ltd.	2018102002	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101936	Chengdu Wei En Si Technology Co., Ltd.	2018102003	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101937	Chengdu Wei En Si Technology Co., Ltd.	2018102004	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101938	Somaskanthan, N.; Mahalanabis, A.; Palantinis, S.	2018102005	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101939	Zhuhai Hermesin Enterprises CO.,LTD	2018102006	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101940	Zhuhai Hermesin Enterprises CO.,LTD	2018102007	Chengdu Pa Luo Ao Technology Co., Ltd.
2018101941	Inkster, B.	2018102008	Chengdu Ke Bo Te Technology Co., Ltd.
2018101942	Plus Daily Limited	2018102009	Chengdu Ke Bo Te Technology Co., Ltd.
2018101943	Jiangxi Innovation and Technology Co., Ltd.	2018102010	Chengdu Ke Bo Te Technology Co., Ltd.
		2018102011	Chengdu Ke Bo Te Technology Co., Ltd.

Innovation Patent Applications Filed - Numerical Index cont'd

2018102012	Chengdu Ke Bo Te Technology Co., Ltd.	2018102027	University of Jinan
2018102013	Chengdu Ke Bo Te Technology Co., Ltd.	2018102028	GetBranded Pty Ltd
2018102014	Chengdu Ke Bo Te Technology Co., Ltd.	2018102029	JISHU IP PTY LTD
2018102015	Chengdu Ke Bo Te Technology Co., Ltd.	2018102030	Dall, S.
2018102016	Chengdu Ke Bo Te Technology Co., Ltd.	2018102033	Xie, X.
2018102017	Chengdu Ke Bo Te Technology Co., Ltd.	2018102034	Jinan University
2018102018	Chengdu Ke Bo Te Technology Co., Ltd.	2018102035	Jinan University
2018102019	Chengdu Ke Bo Te Technology Co., Ltd.	2018102036	HAN, P.; WU, H.; YANG, Y.; LI, T.; YUAN, X.; FANG, Y.
2018102020	Chengdu Ke Bo Te Technology Co., Ltd.	2018102037	SONG, H.; GE, J.; JIN, S.; YANG, M.; ZENG, H.; HAN, Y.
2018102021	Chengdu Ke Bo Te Technology Co., Ltd.	2018102038	ZHANG, W.; YAN, Z.; LI, H.; SU, J.; DAI, Z.; HONG, L.
2018102022	Chengdu Ke Bo Te Technology Co., Ltd.	2018102039	WU, X.; CAI, Y.; CAI, P.; HUANG, Z.; WANG, Y.
2018102023	Mainstream Recycling Pty Ltd	2018102041	eslick, r.
2018102025	ONESTEEL WIRE PTY LIMITED		
2018102026	Rocheway Pty Ltd		

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)

- 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

1998

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 2017245323 (5C) 2017248450 (5C) 2017276320 (4C)
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 2018201804 (4B) 2018203061 (4B) 2018229450 (1B)
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 2018264023 (12AN) 2018900020 (12AN) 2018900063 (12AN)
 2018900240 (12AN) 2018901241 (12AN) 2018902658 (12AN)

Assignments before Grant, Section 113

2012

2012202164 Actelion Pharmaceuticals Ltd The application has been assigned to **Helsinn Healthcare S.A.**

2014

2014242781 Warwick, Tim The application has been assigned to **Freeform Fabrication Industries Limited**

2014261043 Suez International The application has been assigned to **Suez International; Terranova Energy GMBH**

2014270036 Accelrenz Limited The application has been assigned to **ST REPRODUCTIVE TECHNOLOGIES LLC**

2014309168 Georgia-Pacific Chemicals LLC The application has been assigned to **Ingevity South Carolina, LLC**

Assignments before Grant, Section 113

2014346696 Georgia-Pacific Chemicals LLC The application has been assigned to **Ingevity South Carolina, LLC**

2015

2015200503 ELIEZER KRAUSZ INDUSTRIAL DEVELOPMENT LTD. The application has been assigned to **KRAUSZ INDUSTRIES LTD**

2015201458 Actelion Pharmaceuticals Ltd The application has been assigned to **Helsinn Healthcare S.A.**

2015218764 MedImmune Limited; Medimmune, LLC The application has been assigned to **MedImmune Limited**

2015262415 The Chemo-Sero-Therapeutic Research Institute The application has been assigned to **KM Biologics Co., Ltd.**

2015290575 The Chemo-Sero-Therapeutic Research Institute The application has been assigned to **KM Biologics Co., Ltd.**

2015300988 Envera, LLC The application has been assigned to **ENVERA LIC, LLC**

2015326543 TopiVert Pharma Limited; Respivert Limited The application has been assigned to **TopiVert Pharma Limited**

2015326614 Respivert Limited; TopiVert Pharma Limited The application has been assigned to **TopiVert Pharma Limited**

2015341447 Suez International The application has been assigned to **Suez International; Terranova Energy GMBH**

2015387270 Certis Cisco Security Pte Ltd The application has been assigned to **Ensign Infosecurity (Cybersecurity) Pte. Ltd.**

2015403433 Certis Cisco Security Pte Ltd The application has been assigned to **Ensign Infosecurity (Cybersecurity) Pte. Ltd.**

2015415910 Halliburton Energy Services, Inc. The application has been assigned to **Landmark Graphics Corporation**

2016

2016240315 Ardyne Technologies Limited The application has been assigned to **Ardyne Holdings Limited**

2016247293 Medovex Corp. The application has been assigned to **Skytron, LLC**

2016248230 Medovex Corp. The application has been assigned to **Skytron, LLC**

2016289172 Zhou, Jianhui The application has been assigned to **Quanzhou Dingwei Construction Technology Co., Ltd**

2016310634 Eliezer Krausz Industrial Development Ltd. The application has been assigned to **KRAUSZ INDUSTRIES LTD**

Assignments before Grant, Section 113

2016322698 Ardyne Technologies Limited The application has been assigned to **ARDYNE HOLDINGS LIMITED**

2016340014 Jarvie, John The application has been assigned to **Armour Wall Group Pty Limited**

2016340015 Jarvie, John The application has been assigned to **Armour Wall Group Pty Limited**

2016360487 The Chemo-Sero-Therapeutic Research Institute The application has been assigned to **KM Biologics Co., Ltd.**

2017

2017207076 The Chemo-Sero-Therapeutic Research Institute The application has been assigned to **KM Biologics Co., Ltd.**

2017219152 Lohmann Animal Health GmbH The application has been assigned to **Elanco Tiergesundheit AG**

2017261122 Otago Innovation Limited The application has been assigned to **Wool Research Organisation of New Zealand Incorporated**

2017268812 Girardin, Patrick; Valeda Company (d/b/a "Q'Straint, Inc."); Cardona, Edgardo The application has been assigned to **Valeda Company (d/b/a "Q'Straint, Inc.")**

2017275649 Forehand, Joseph; Newton, Raymond; PureWick Corporation; Sanchez, Robert; Newton, Camille The application has been assigned to **PureWick Corporation**

2017283651 Teva Pharmaceuticals International GmbH The application has been assigned to **Xenon Pharmaceuticals, Inc.**

2017904916 Macquarie University The application has been assigned to **NewSouth Innovations Pty Limited**

2018

2018203366 Preventative Structural Engineering Pty Ltd The application has been assigned to **DAM BUSTER IP PTY LTD**

2018256467 Ardyne AS The application has been assigned to **Ardyne Holdings Limited**

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.

2002

2002029198 **GSA Bloodstock Pty Ltd** An application to extend the time from 28 Mar 2018 to 28 Oct 2018 in which to pay a renewal fee has been filed. Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

Extensions of Time, Section 223

2005

2005227521 **GBC Scientific Equipment Pty Ltd** An application to extend the time from 17 Mar 2018 to 17 Oct 2018 in which to pay the renewal fee has been filed . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2012

2012304262 **Ninderry Developments Pty Ltd** An application to extend the time from 08 May 2015 to 08 Dec 2018 in which to request Examination and pay the continuation fee has been filed . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2013

2013407641 **KMM Contracting Pty Ltd** An application to extend the time from 24 Jun 2018 to 24 Nov 2018 in which to request Examination has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2013407641 **KMM Contracting Pty Ltd** An application to extend the time from 11 Dec 2017 to 11 Oct 2018 in which to pay a continuation fee has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2014

2014101044 **eSenzit Corporation Pty Ltd** An application to extend the time from 29 Aug 2016 to 29 Jun 2018 in which to pay a renewal fee has been filed . Address for service - SHIBI SALIM 712 , Toaster building Emporium Complex 1000 Ann street Fortitude Valley QLD 4006 AU

2014216190 **Aqseptence Group, Inc** An application to extend the time from 14 Feb 2018 to 14 Oct 2018 in which to pay a continuation fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2014236710 **Cortex MCP, Inc.** An application to extend the time from 13 Mar 2018 to 13 Oct 2018 in which to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2016

2016100372 **Relbia Nominees Pty Ltd Trading as Floorex Products** An application to extend the time from 06 Apr 2018 to 06 Nov 2018 in which to pay a renewal fee has been filed . Address for service - Relbia Nominees Pty Ltd Trading as Floorex Products 11 Jennings Rd Swan Hill VIC 3585 AU

2016357641 **Discovery Limited; Cambridge Mobile Telematics** An application to extend the time from 18 Jun 2018 to 18 Dec 2018 in which to enter the National Phase has been filed . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2017

2017228551 **BlackLight Power, Inc.** An application to extend the time from 17 Mar 2018 to 17 Oct 2018 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017232170 **FABtale Productions Pty Ltd** An application to extend the time from 28 Mar 2018 to 28 Oct 2018 in which to pay a continu-

Extensions of Time, Section 223

ation fee has been filed . Address for service - MARTIN IP PTY LTD PO BOX 906 Brisbane QLD 4001 AU

Applications Allowed - Section 223(2)

2003

2003200816 **Quantax Pty Ltd** The time in which to pay a renewal fee has been extended to 15 Jun 2018 . Address for service - Argon IP Pty Ltd 132 Cremorne St Richmond VIC 3121 AU

2012

2012216356 **Red Tractor Pty Ltd** The time in which to pay a renewal fee has been extended to 22 Sep 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2012389957 **Caboni, M.** The time in which to gain acceptance has been extended to 28 Oct 2018 . Address for service - Michele Caboni Ashutosh Choudhary C/O KAnalysis Level 54 111 Eagle Street Brisbane QLD 6000 AU

2013

2013200923 **Bos Fabrication Engineering Services Pty Ltd** The time in which to pay a renewal fee has been extended to 19 Sep 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2013373659 **Dosatron International** The time in which to pay a renewal fee has been extended to 17 Jul 2018 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2014

2014240361 **Eco-Blu Pool Components LLC** The time in which to pay the acceptance fee has been extended to 16 Dec 2018 . Address for service - Peter Maxwell & Associates PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2014253524 **Hayes, T.** The time in which to gain acceptance has been extended to 16 Nov 2018 . Address for service - mdp Patent and Trade Mark Attorneys PO BOX 273 Collins St W Melbourne VIC 8007 AU

2015

2015416243 **Ljubicic Rubio, J.F.** The time in which to comply with a direction under Reg 3.2A has been extended to 31 Oct 2018 . Address for service - Summit IP PO Box 81 Hope Valley SA 5090 AU

2016

2016101769 **AECOM Australia Pty Ltd** The time in which to pay a renewal fee has been extended to 10 Aug 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2016203015 **MHWirth GmbH** The time in which to pay the acceptance fee has been extended to 14 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016203185 **LEDTEK GLOBAL PTY LTD** The time in which to request examination has been extended to 30 Nov 2018 . Address for service - Anthony Aucone unit1/11 crown court varsity lakes QLD 4227 AU

Extensions of Time, Section 223

2016324351 **Smart Utility Service Holdings Pty Ltd** The time in which to enter the national phase has been extended to 16 Aug 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2016333198 **Shandong United Pesticide Industry Co., Ltd.** The time in which to pay the acceptance fee has been extended to 26 Dec 2018 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2017

2017208271 **Hunter Douglas Inc.** The time in which to pay a continuation fee has been extended to 16 Sep 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2018

2018100995 **CIVIC LEDGER PTY. LTD.** The time in which to comply with a direction under Reg 3.2B has been extended to 20 Oct 2018 . Address for service - CIVIC LEDGER PTY. LTD. L 26 1 Bligh St Sydney NSW 2000 AU

2018203910 **Burfitt, A.** The time in which to associate with a complete application has been extended to 24 Jun 2018 . Address for service - Andrew Alan Burfitt 375 Dalyston Glen Forbes Road Ryanston VIC 3992 AU

2018241068 **Integra LifeSciences Switzerland Sarl** The time in which to claim the convention priority date has been extended to 19 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018241069 **Integra LifeSciences Switzerland Sarl** The time in which to claim the convention priority date has been filed 19 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018241070 **Integra LifeSciences Switzerland Sarl** The time in which to claim the convention priority date has been extended to 19 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018241071 **Integra LifeSciences Switzerland Sarl** The time in which to claim the convention priority date has been extended to 12 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018241072 **Integra LifeSciences Switzerland Sarl** The time in which to claim the convention priority date has been extended to 19 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018256511 **The ESAB Group Inc.** The time in which to claim the convention priority date has been extended to 11 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 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

Amendments

journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

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

2001

2001294198 Cells producing antibody compositions **Kyowa Hakko Kirin Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013

2013235220 Substituted nucleosides, nucleotides and analogs thereof **Alios BioPharma, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2018 . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2015

2015213678 Mast cell stabilizers treatment for systemic disorders **Patara Pharma, LLC** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016233286 Fixation of a bone conduction floating mass transducer **Med-El Elektromedizinische Geraete GmbH** The nature of the amendment is as shown in the statement(s) filed 03 Dec 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2018

2018201254 Devices, methods, and graphical user interfaces for navigating between user interfaces and interacting with control objects **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Karunamuni, Chanaka G.; Alonso Ruiz, Marcos; De Vries, Nathan; Walkin, Brandon M.; Lemay, Stephen O.; Foss, Christopher P.; Stack, Caelan G.; Bernstein, Jeffrey T.; Missig, Julian K.; Dong, Linda L.; KEDIA, Shubham; WAN, Wan Si; AMINI, Mani; TYLER, William M.; SUH, Bongsoo and NAVIDPOUR, Seyed M. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

Amendments Made

2004

2004259638 **Genentech, Inc.** The nature of the amendment is as shown in the statement filed 08 Aug 2018

2013

2013304963 **DLF Trifolium A/S** The nature of the amendment is: Amend the name of the inventor to read Roulund, Niels and Mette Dahl Jensen, Anne

2014

2014200910 **ARBUTUS BIOPHARMA CORPORATION** The nature of the amendment is: Amend the name of the inventor to read Akinc, Akin; Jayaraman, Muthusamy; Nair, Jayaprakash K.; Maier, Martin A.; Manoharan, Muthiah and Rajeev, Kallanthottahil G.

Amendments

2014202578 **The Boeing Company** The nature of the amendment is: Amend the name of the inventor to read Jones, David H.; Petri, Tyler J.; Fogarty, Daniel J.; Douglas, Chad R.; Nicholson, Roger; Fucke, Lars; Sweeney, Stephen; Fricks, Ricardo M. and King, Kevin Nicholas.

2014228808 **Visen Medical, Inc.** The nature of the amendment is as shown in the statement filed 05 Dec 2018

2014230836 **Fresenius Kabi Deutschland GmbH** The nature of the amendment is as shown in the statement filed 28 Aug 2018

2014261381 **Pharis Biotec GmbH** The nature of the amendment is: Amend the name of the inventor to read Forssmann, Wolf-Georg; Zgraja, Andreas and Richter, Rudolf

2014307511 **Japan Oil, Gas and Metals National Corporation** The nature of the amendment is as shown in the statement filed 07 Aug 2018

2014345912 **SEW-EURODRIVE GmbH & Co. KG** The nature of the amendment is as shown in the statement filed 14 Aug 2018

2015

2015200749 **Flanders Electric Motor Service, Inc.** The nature of the amendment is as shown in the statement filed 27 Jul 2018

2015289117 **Magotteaux International S.A.** The nature of the amendment is: Amend the name of the inventor to read Desiles, Stephane and François, Hubert

2015351423 **Sarang, B.; Anjali, P.; Nagabhushanam, K.; Majeed, M.** The nature of the amendment is: Amend the name of the inventor to read Majeed, Muhammed; Sarang,Bani; Anjali,Pandey and Nagabhushanam, Kalyanam

2015362532 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Resin-Coated Metal Sheet for Can Lids

2015364268 **Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; California Institute of Technology; University of Southern California** The nature of the amendment is: Amend co-applicant to Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.

2016

2016100861 **Audeara Pty. Ltd.** The nature of the amendment is: Jeffery, Christopher Arnold; Fielding, James Alexander; Gardner, Logan Stuart; Afflick, Alex John and Gilmour, Alexander

2016225853 **REG Life Sciences, LLC** The nature of the amendment is as shown in the statement filed 12 Sep 2018

2016266084 **Google LLC** The nature of the amendment is as shown in the statement filed 19 Nov 2018

2016272555 **Sphere Fluidics Limited** The nature of the amendment is: Amend the name of the inventor to read Craig, Frank F.; Rehak, Marian; Holmes, David; Smith, Clive A.; Liu, Xin; Benazzi, Gi-

Amendments

useppe; Li, Xin; Pawate, Vinayaka C.; Marchington, Robert Frank; Day, Richard Francis and Hazell, Michael Stuart

2016405035 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Motor driving device and air conditioner

2016407652 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DATA SERVICE CONTROL METHOD AND RELATED DEVICE

2016410429 **Chengdu Academy of Agriculture and Forestry Sciences** The nature of the amendment is: Amend the invention title to read METHOD FOR BREEDING BRASSICA NAPUS VARIETIES AND MATERIALS WITH DOUBLE HAPLOID INDUCTION LINE OF RAPE-SEED

2016410430 **Chengdu Academy of Agriculture and Forestry Sciences** The nature of the amendment is: Amend the invention title to read METHOD FOR BREEDING CRUCIFEROUS VEGETABLE MATERIALS AND VARIETIES WITH DOUBLE HAPLOID INDUCTION LINE OF RAPESEED

2016415516 **Suzhou Institute of Nano-tech and Nano-bionics (SINANO), Chinese Academy of Science** The nature of the amendment is: Amend the invention title to read BORON NITRIDE NANOMATERIAL, AND PREPARATION METHOD AND USE THEREOF

2017

2017101354 **Lovells Springs Pty Limited** The nature of the amendment is: Amend the name of the inventor to read Crane, Simon

2017101718 **Milwaukee Electric Tool Corporation; Keter Plastic Ltd.** The nature of the amendment is: Amend the name of the inventor to read Brunner, Yaron; Squiers, Grant T.; Hoppe, Christopher S. and Hyma, Steven W.

2017200030 **Well Being Digital Limited** The nature of the amendment is: Application is to proceed under the number 2017101843

2017201470 **Intent IQ, LLC** The nature of the amendment is as shown in the statements filed 24 Aug 2018

2017248985 **Kyoto University** The nature of the amendment is: Amend the invention title to read Method for inducing antigen specific CD8 positive T cells

2017258799 **The Medical College of Wisconsin, Inc.** The nature of the amendment is: Amend the invention title to read MULTIPLEXED OPTIMIZED MISMATCH AMPLIFICATION (MOMA)-REAL TIME PCR FOR ASSESSING CANCER

2017258801 **The Medical College of Wisconsin, Inc.** The nature of the amendment is: Amend the name of the inventor to read Mitchell, Aoy Tomita and Stamm, Karl

2017260663 **Outotec (Finland) Oy** The nature of the amendment is: Application is to proceed under the number 2017101842

2017260871 **Milwaukee Electric Tool Corporation; Keter Plastic Ltd.** The nature of the amendment is: Amend the name of the inventor

Amendments

or to read Brunner, Yaron; Squiers, Grant T.; Hoppe, Christopher S. and Hyma, Steven W.

2017261050 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Charging device

2017262302 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Cleaner holder

2017262306 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Cleaner holder

2017263659 **Sage Products, LLC** The nature of the amendment is: Amend the name of the inventor to read Alvarez, Ryan A.; Beck, David P.; Roberts, Jay; Rigoni, Michael J.; Sweetwood, Garret W.; Fletcher, Hester C.; Keaty Jr., Thomas; Davis, Gregory T. and Haniff, Paul H.

2017264182 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR RRC STATE CONTROL

2017264266 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Cleaner holder

2017264270 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Cleaner holder

2017265723 **Japan Science and Technology Agency** The nature of the amendment is: Amend the invention title to read METHOD OF AMPLIFYING CIRCULAR DNA

2017269453 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method and device for QOS control

2017287764 **CJ Cheiljedang Corporation** The nature of the amendment is: Amend the invention title to read A Novel Thermostable Fructose-6-Phosphate-3-Epimerase and a Method for Producing Allulose Using the Same

2017366202 **Fu, Y.** The nature of the amendment is: Amend the invention title to read Body massaging device and method of operating the same

2017402485 **China University of Mining and Technology** The nature of the amendment is: Amend the invention title to read Apparatus for prestressing Concrete Floor of Inclined Shaft Wall

2018

2018200952 **Dow Global Technologies LLC; Rohm and Haas Company** The nature of the amendment is: Amend the invention title to read SYNERGISTIC COMBINATION OF A CHLOROTOLURON AND IODOPROPYNYL BUTYLCARBAMATE (IPBC) FOR DRY FILM PROTECTION

2018203459 **ABLE DEFENCE LAWYERS PTY LIMITED** The nature of the amendment is: Amend the invention title to read Defamation 2GO comes under the 2GO franchise. It is an online defamation website designed to enable persons affected by defamation, cyberbullying, on-line abuse and harassment to easily obtain affordable legal services.

Amendments

2018236887 **Isaacson, D.** The nature of the amendment is: Amend the invention title to read CLASS Cognitive Load Adaptive Software System. A complex software system and method for managing the continuous improvement of human learning based on evidence-based strategies arising from Cognitive Load Theory.

2018256655 **Arbutus Biopharma Corporation** The nature of the amendment is: Amend the name of the inventor to read Manoharan, Muthiah; Rajeev, Kallanthottahil G.; Akinc, Akin; Nair, Jayaprakash K.; Jayaraman, Muthusamy and Maier, Martin A.

2018268608 **Shanghai Parasol Renewable Energy Co., Ltd** The nature of the amendment is: Amend the invention title to read HE-LIOSTAT SURFACE SHAPE DETECTION SYSTEM AND METHOD BASED ON MULTI-VIEW IMAGE RECOGNITION

2018904430 **Goulburn-Murray Rural Water Corporation** The nature of the amendment is: To amend the name to read Goulburn-Murray Rural Water Corporation

Alteration of Name(s) of Applicant(s)/Patentee(s)**2000**

2000048018 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2001

2001297861 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2004

2004296775 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2004296778 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2006

2006268651 **Alifax Holding S.P.A.; Alifax S.R.L.** The name of the patentee has been altered to **Alifax S.R.L.**

2007

2007328538 **ELKEM SOLAR AS** The name of the patentee has been altered to **REC Solar Norway AS**

2010

2010202682 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2011

2011216176 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2011311943 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2011311948 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

Amendments

2011378457 Orbital ATK, Inc. The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2011378460 Orbital ATK, Inc. The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2012

2012201214 Orbital ATK, Inc. The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2012203557 Orbital ATK, Inc. The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2013

2013326226 Pay It Simple Ltd. The name of the applicant has been altered to **Splitit Ltd.**

2014

2014261043 Degremont The name of the applicant has been altered to **Suez International**

2015

2015240433 Prince Henry's Institute of Medical Research trading as the Hudson Institute of Medical Research The name of the applicant has been altered to **Hudson Institute of Medical Research**

2015301156 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

2016

2016216605 Orbital ATK, Inc. The name of the applicant has been altered to **Northrop Grumman Innovation Systems, Inc.**

2016247078 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

2016248006 Pay It Simple Ltd. The name of the applicant has been altered to **Splitit Ltd.**

2016265301 Foogal Incorporated The name of the applicant has been altered to **Foogal, Inc.**

2016277471 Universitaet des Saarlandes The name of the applicant has been altered to **Astrid TSCHIRSCH-PFREUNDSCHUH**

2016321332 Auris Surgical Robotics, Inc. The name of the applicant has been altered to **Auris Health, Inc.**

2016323982 Auris Surgical Robotics, Inc. The name of the applicant has been altered to **Auris Health, Inc.**

2016393252 Xevo Inc. The name of the applicant has been altered to **XEVO Inc.,**

2017

2017268377 University of Iowa Research Foundation; Karl Leibinger Medizintechnik GmbH & Co Kg. The name of the applicant has been

Amendments

altered to **University of Iowa Research Foundation; Karl Leibinger Medizintechnik GmbH & Co. KG.**

2017268812 Valeva Company (d/b/a "q'straint, Inc.") ; Cardona, Edgardo; Girardin, Patrick The name of the applicant has been altered to **Valeda Company (d/b/a "Q'Straint, Inc."); Cardona, E.; Girardin, P.**

2018

2018101740 Rebecca Wei-Lin Hoo The name of the applicant has been altered to **RAIN DOWN ZION PTY LTD**

2018253566 Gliknik, Inc The name of the applicant has been altered to **Gliknik Inc.**

2018264020 Alexander Mining plc The name of the applicant has been altered to **MetaLeach Limited**

2018271327 ExxonMobil Research and Enigneering Company The name of the applicant has been altered to **ExxonMobil Research and Engineering Company**

2018904331 Iron Bridge Operations Pty. Ltd. The name of the applicant has been altered to **IB Operations Pty Ltd**

2018904335 Iron Bridge Operations Pty. Ltd. The name of the applicant has been altered to **IB Operations Pty Ltd**

2018904623 Austact Pty Ltd The name of the applicant has been altered to **Austact Civil Pty Ltd.**

Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules

Australian Patent/Patent Application 2011268899 in the name(s) of Intervet International B.V.

Applications Open to Public Inspection

Name Index

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

<p>(71) Abbott Diabetes Care Inc. (11) AU-A-2018274889 (21) 2018274889 (22) 05.12.2018 (54) Medical device data processing and communication methods and systems (51) Int. Cl. A61B 5/145 (2006.01) (43) 20.12.2018 (62) 2014233479 (72) Taub, Marc Barry; Budiman, Erwin Satrya; Hua, Xuandong; Love, Michael (74) FPA Patent Attorneys Pty Ltd</p>	<p>(54) Multi chamber flexible bag and methods of using same (51) Int. Cl. A61J 1/10 (2006.01) B65D 37/00 (2006.01) (31) 15/609,870 (32) 31.05.17 (33) US (43) 20.12.2018 (72) DI NARO, Antonio Francesco (74) Spruson & Ferguson</p>	<p>(43) 20.12.2018 (72) Sorensen, Brian (74) WRAYS PTY LTD</p>
<p>(71) AbbVie Inc.; Apogenix AG (11) AU-A-2018271369 (21) 2018271369 (22) 30.11.2018 (54) Single-chain TRAIL-receptor agonist proteins (51) Int. Cl. C07K 14/705 (2006.01) A61K 38/00 (2006.01) A61K 38/19 (2006.01) (43) 20.12.2018 (62) 2015249649 (72) HILL, Oliver; GIEFFERS, Christian; THIEMANN, Meinolf; BUCHANAN, Fritz G.; PHILLIPS, Darren C.; LAPPE, Susan E. (74) Spruson & Ferguson</p>	<p>(71) Agensys, Inc. (11) AU-A-2018271337 (21) 2018271337 (22) 29.11.2018 (54) ANTIBODY DRUG CONJUGATES (ADC) THAT BIND TO 161P2F10B PROTEINS (51) Int. Cl. A61K 39/00 (2006.01) (43) 20.12.2018 (62) 2017200600 (72) Torgov, Michael; Morrison, Robert Kendall; Jakobovits, Aya; Gudas, Jean; An, Zili (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) AMARIN PHARMACEUTICALS IRELAND LIMITED (11) AU-A-2018274854 (21) 2018274854 (22) 04.12.2018 (54) USE OF EICOSAPENTAENOIC ACID ETHYL ESTER FOR TREATING HYPERTRIGLYCERIDEMIA (51) Int. Cl. A61K 31/202 (2006.01) A61P 3/06 (2006.01) (43) 20.12.2018 (62) 2016231552 (72) Manku, Mehar; Osterloh, Ian; Wicker, Pierre; Braeckman, Rene; Soni, Paresh (74) AJ PARK</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018271290 (21) 2018271290 (22) 28.11.2018 (54) ADAPTIVE RESOURCE ALLOCATION (51) Int. Cl. G06Q 10/06 (2012.01) (43) 20.12.2018 (62) 2017208245 (72) GUTHRIDGE, Gregory; AUSTIN, John; WONG, Carson (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) ALSTOM Transport Technologies (11) AU-A-2018203796 (21) 2018203796 (22) 30.05.2018 (54) A railway vehicle having an optimized electricity distribution network (51) Int. Cl. B61C 3/00 (2006.01) B61D 1/00 (2006.01) (31) 17 54815 (32) 31.05.17 (33) FR (43) 20.12.2018 (72) Delemotte, Jean-Michel (74) Davies Collison Cave Pty Ltd</p>	<p>(71) American Greetings Corporation (11) AU-A-2017208211 (21) 2017208211 (22) 24.07.2017 (54) FERRIS WHEEL GREETING CARD (51) Int. Cl. B42D 15/04 (2006.01) F21V 33/00 (2006.01) G09F 1/06 (2006.01) (31) 15/615,701 (32) 06.06.17 (33) US (43) 20.12.2018 (72) Nelson, Gary; Talbot, John; Larson, Seth (74) Spruson & Ferguson</p>
<p>(71) Active Implants LLC (11) AU-A-2018271322 (21) 2018271322 (22) 29.11.2018 (54) Partial unicompartmental system for partial knee replacement (51) Int. Cl. A61F 2/38 (2006.01) (43) 20.12.2018 (62) 2016209267 (72) Nocco, Emanuele; Linder-Ganz, Eran (74) FB Rice Pty Ltd</p>	<p>(71) ALSTOM Transport Technologies (11) AU-A-2018203870 (21) 2018203870 (22) 01.06.2018 (54) Method for manufacturing a railway track support, associated railway track support and railway installation (51) Int. Cl. E01B 29/00 (2006.01) E01B 1/00 (2006.01) (31) 17 54867 (32) 01.06.17 (33) FR (43) 20.12.2018 (72) Ninni, Andrea (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Amgen Inc. (11) AU-A-2018271338 (21) 2018271338 (22) 29.11.2018 (54) Protein formulations (51) Int. Cl. A61K 9/19 (2006.01) A61K 38/18 (2006.01) A61K 39/00 (2006.01) A61K 47/02 (2006.01) A61K 47/26 (2006.01) A61K 47/42 (2006.01) (43) 20.12.2018 (62) 2014249458 (72) Park, Sungae; Kuhns, Scott; Rattan, Jennifer; Phillips, Joseph (74) Shelston IP Pty Ltd.</p>
<p>(71) ADIENNE Pharma & Biotech SA (11) AU-A-2017261511 (21) 2017261511 (22) 15.11.2017</p>	<p>(71) Altronic Distributors Pty Ltd (11) AU-A-2018203808 (21) 2018203808 (22) 30.05.2018 (54) Shroud and Speaker Assembly (51) Int. Cl. H04R 1/02 (2006.01) (31) 2017902053 (32) 30.05.17 (33) AU</p>	<p>(71) Amicus Therapeutics, Inc. (11) AU-A-2018220047 (21) 2018220047 (22) 22.08.2018 (54) A METHOD FOR TREATMENT OF FABRY DISEASE (51) Int. Cl. A61K 31/445 (2006.01) A61P 3/00 (2006.01) C12N 9/40 (2006.01)</p>

Applications Open to Public Inspection - Name Index cont'd

(31) 62/512,458 (32) 30.05.17 (33) US
 (43) 20.12.2018
 (61) 2009214648
 (72) Wustman, Brandon; Benjamin, Elfrida;
 Wu, Xiaoyang; Flanagan, John; Do,
 Hung V.
 (74) Dark IP

(71) Anoxiatec; van den bos, m.
 (11) AU-A-2017203447
 (21) 2017203447 (22) 23.05.2017
 (54) non heated dryer for Meat, poultry, and
 plant material
 (51) Int. Cl.
A23L 3/40 (2006.01)
 (43) 20.12.2018
 (72) van den bos, mattheus
 (74) mattheus van den bos

Apogenix AG see AbbVie Inc.
 (21) 2018271369

(71) Apple Inc.
 (11) AU-A-2018202952
 (21) 2018202952 (22) 30.04.2018
 (54) Audio adaptation to room
 (51) Int. Cl.
H04R 1/00 (2006.01)
 (31) 15/613,049 (32) 02.06.17 (33) US
 (43) 20.12.2018
 (72) KRIEGEL, Adam E.; FAMILY, Afrooz;
 RAMPRASHAD, Sean A.; CHOISEL,
 Sylvan J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2018203165
 (21) 2018203165 (22) 07.05.2018
 (54) Spatially ducking audio produced
 through a beamforming loudspeaker ar-
 ray
 (51) Int. Cl.
H04R 1/20 (2006.01)
 (31) 62/514,712 (32) 02.06.17 (33) US
 15/967,089 30.04.18 US
 (43) 20.12.2018
 (72) FAMILY, Afrooz; BUTCHER, Gary I.;
 VERWEIJ, Hugo D.; GRAHAM, David
 C.; CHAUDHRI, Imran; RUIZ, Marcos
 Alonso; STRINGER, Christopher J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2018271287
 (21) 2018271287 (22) 28.11.2018
 (54) Displaying options, assigning notifica-
 tion, ignoring messages, and simultan-
 eous user interface displays in a mes-
 saging application
 (51) Int. Cl.
G06F 3/0482 (2013.01)
G06F 3/0488 (2013.01)
G06Q 10/10 (2012.01)
H04L 12/58 (2006.01)
H04M 1/725 (2006.01)

(43) 20.12.2018
 (62) 2015268855
 (72) YANG, Lawrence Y.; LEMAY, Stephen
 O.; JON, Tiffany S.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2018271366
 (21) 2018271366 (22) 30.11.2018
 (54) Continuity
 (51) Int. Cl.
H04W 80/00 (2009.01)
G06F 15/16 (2006.01)
H04L 29/06 (2006.01)
H04N 21/47 (2011.01)
H04W 4/00 (2009.01)
 (43) 20.12.2018
 (62) 2016266010
 (72) YANG, Lawrence Y.; COFFMAN,
 Patrick L.; FEDERIGHI, Craig M.
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty
 Limited
 (11) AU-A-2018271321
 (21) 2018271321 (22) 29.11.2018
 (54) A GAMING SYSTEM AND A METHOD
 OF GAMING
 (51) Int. Cl.
G07F 17/34 (2006.01)
 (43) 20.12.2018
 (62) 2016250436
 (72) BOND, Anthony Wayne; JONES,
 Stephen C.; ANDERSON, Philip Jeffrey;
 STEWART, Scott Monroe; FRERKING,
 Gary
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 (54) CASHLESS RESERVATION SYSTEM
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A61B 18/12 (2006.01)
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A61M 25/01 (2006.01)
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A61K 39/00 (2006.01)

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A61B 5/053 (2006.01)
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A61B 6/10 (2006.01)
A61F 9/02 (2006.01)
A61F 9/04 (2006.01)
A61F 9/06 (2006.01)
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A47L 9/28 (2006.01)
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B08B 9/38 (2006.01)
B08B 9/08 (2006.01)
B24B 27/033 (2006.01)
B24C 3/00 (2006.01)
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H04N 7/24 (2006.01)
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F16B 9/00 (2006.01)
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G01N 1/12 (2006.01)
G01N 21/01 (2006.01)
G01N 21/25 (2006.01)
G01N 21/64 (2006.01)
G01N 21/77 (2006.01)
G01N 27/74 (2006.01)
G01N 30/90 (2006.01)
G01N 33/487 (2006.01)
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A61B 17/72 (2006.01)
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A61D 7/00 (2006.01)
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A61L 2/18 (2006.01)
A01N 37/00 (2006.01)
A01N 37/16 (2006.01)
A23C 7/02 (2006.01)
A61K 9/08 (2006.01)
C07C 327/26 (2006.01)
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A61K 31/505 (2006.01)
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C12P 21/06 (2006.01)
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C10G 15/00 (2006.01)
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 C07D 417/04 (2006.01)
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G06K 9/00 (2006.01)
H04N 21/00 (2011.01)
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C09J 189/00 (2006.01)
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C09J 103/00 (2006.01)
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G01R 33/26 (2006.01)
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 (54) SAWMILL CARRIAGE ASSEMBLY
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A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 9/32 (2006.01)
A61K 9/36 (2006.01)
A61K 9/48 (2006.01)
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A61P 27/02 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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A61P 29/00 (2006.01)
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G10L 19/005 (2013.01)
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H04L 1/00 (2006.01)
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A61F 2/16 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/4545 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 17/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
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A61P 27/02 (2006.01)
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B66B 1/34 (2006.01)
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(54) Elevator notifications on mobile device associated with user identification device
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B66B 1/34 (2006.01)
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B60W 40/10 (2012.01)
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(74) Madders Patent & Trade Mark Attorneys

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F16K 27/02 (2006.01)
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(51) Int. Cl.
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A47B 47/06 (2006.01)
A47B 43/02 (2006.01)
A47F 5/11 (2006.01)
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(51) Int. Cl.
A61K 38/16 (2006.01)
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G01N 33/53 (2006.01)
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C07D 239/48 (2006.01)
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(54) ULTRA-LOW LATENCY LTE REFERENCE SIGNAL TRANSMISSION
(51) Int. Cl.
H04L 1/00 (2006.01)
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(74) Madders Patent & Trade Mark Attorneys

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(54) A FIRESTOPPING DEVICE AND ASSOCIATED METHOD
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E04B 1/94 (2006.01)
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(74) Adams Pluck

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(51) Int. Cl.
A01K 67/027 (2006.01)
C07K 14/705 (2006.01)
C07K 14/73 (2006.01)

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(54) MICE EXPRESSING HUMANIZED T-CELL CO-RECEPTORS
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C07K 14/705 (2006.01)
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C12N 15/85 (2006.01)
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A01D 78/14 (2006.01)
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(54) Powder Container, Powder Supply Device And Image Forming Apparatus
(51) Int. Cl.
G03G 15/08 (2006.01)
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(74) WRAYS PTY LTD

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(51) Int. Cl.
B01D 19/00 (2006.01)
B01D 21/24 (2006.01)
B04C 5/28 (2006.01)
E21B 43/34 (2006.01)
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(72) MARTIN, Kristian
(74) Knightsbridge Patent Attorneys

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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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(74) Griffith Hack

(71) Roche Glycart AG
(11) AU-A-2018274836
(21) 2018274836 **(22)** 03.12.2018
(54) Composition comprising two antibodies engineered to have reduced and increased effector function
(51) Int. Cl.
C07K 16/32 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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C07C 69/747 (2006.01)
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(72) Bristow, James Timothy
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H04N 19/50 (2014.01)
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(54) A SAFETY MESH
(51) Int. Cl.
E04G 5/00 (2006.01)
E04G 5/12 (2006.01)
E04G 21/32 (2006.01)
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(72) Eade, Daniel
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(54) Coffee machine with pre-infusion system
(51) Int. Cl.
A47J 31/30 (2006.01)
(31) 102017000058729 **(32)** 30.05.17 **(33)** IT
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(74) FB Rice Pty Ltd

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(51) Int. Cl.
F41A 21/12 (2006.01)
F41A 3/66 (2006.01)
F41A 9/46 (2006.01)
F41A 11/02 (2006.01)
F41A 21/00 (2006.01)
F41A 35/00 (2006.01)
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(54) Support Device for a rotating shaft of a solar tracker.
(51) Int. Cl.
F16C 35/07 (2006.01)
F16C 35/04 (2006.01)
F16C 35/06 (2006.01)
H02S 20/30 (2014.01)
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(74) Fraser Old & Sohn

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(54) Image processing device and method
(51) Int. Cl.

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H04N 19/70 (2014.01)
H04N 21/2662 (2011.01)

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(74) Spruson & Ferguson

(71) Spedding, L.
(11) AU-A-2017203677
(21) 2017203677 (22) 31.05.2017
(54) Ready or Not, Waiter Alert or Customer Ready. The device/system is placed on a food/drink outlet table (e.g. Restaurant, Cafe, Bar) that allows the customer to alert the wait staff that they require assistance at the table or are ready to order. The customer flips a symbol e.g. a tick, arrow or moves an indicator up or out or presses a button to activate a light/object on the unit. This symbol is visual indication to the wait staff, without acknowledging verbally or with a gesture that they require assistance from the wait staff. (A menu could also be displayed in/on the unit)
(51) Int. Cl.
G08B 5/36 (2006.01)
G08B 7/02 (2006.01)

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(72) Spedding, Lyle Christopher
(74) Lyle Christopher Spedding

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(54) Remote Control Holder
(51) Int. Cl.
H01H 9/02 (2006.01)
F16M 11/10 (2006.01)
F16M 13/00 (2006.01)

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(74) Armour IP Pty Ltd

(71) Sumitomo Metal Mining Co., Ltd.
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(21) 2018274856 (22) 04.12.2018
(54) Method for smelting nickel oxide ore
(51) Int. Cl.
C22B 23/02 (2006.01)
C22B 1/245 (2006.01)
C22B 5/10 (2006.01)

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Sweeting, M. see BGC Partners, Inc.
(21) 2018271344

(71) Sysmex Corporation
(11) AU-A-2018203450
(21) 2018203450 (22) 16.05.2018
(54) Sample preparation apparatus, sample preparation system, sample preparation method, and particle analyzer
(51) Int. Cl.
G01N 15/14 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

TA, L. see TA, J.
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(54) DISPOSABLE LINER FOR A FOOT SPA WITH INNER AND OUTER LAYERS AND RELATED METHOD
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A47K 3/022 (2006.01)
A61H 9/00 (2006.01)
A61H 35/00 (2006.01)

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(72) TA, Jeff; TA, Lan Van
(74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

(71) TAKRAF GmbH
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(54) CONVEYOR BELT SYSTEM AND SYSTEM FOR MONITORING THE ROLLS OF THE CONVEYOR BELT SYSTEM
(51) Int. Cl.
B65G 39/20 (2006.01)

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(72) Kahrger, Rainer; Dilefeld, Mario; Nowak, Jan
(74) Phillips Ormonde Fitzpatrick

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(21) 2018203295 (22) 11.05.2018
(54) Aircraft, aircraft wings and associated shear ties
(51) Int. Cl.
B64C 3/26 (2006.01)
B64C 1/12 (2006.01)
B64C 3/18 (2006.01)

(31) 15/610,598 (32) 31.05.17 (33) US

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(54) Press assembly having a press tool
(51) Int. Cl.
B30B 1/00 (2006.01)

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C07K 4 /- 2018271425	C22B 23 /- 2018274856	E21B 15 /- 2018271282	F21S 4 /- 2018202941	G01T 1 /- 2017203761	G08G 1 /- 2018271308
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	D21H 15 /- 2018271325	E21B 47 /- 2018203671	F21V 8 /- 2018271393	G02B 27 /- 2018271393	H01J 37 /- 2017203761
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		E21C 41 /- 2018200243	F41A 21 /- 2018271301	G06F 1 /- 2018201615	

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No IPC Mark

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Name Index

. (*) Title not in Roman characters

. (**) Title not given

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

<p>(71) Banks, J. (11) AU-A-2018101692 (21) 2018101692 (22) 14.11.2018 (54) Splash shield for a wall mounted tap (51) Int. Cl. E03C 1/00 (2006.01) E03C 1/181 (2006.01) (45) 20.12.2018 (72) Banks, Jaimie (74) LESICAR MAYNARD ANDREWS PTY LTD</p>	<p>(71) Chen, F.; Shi, Q.; Deng, S. (11) AU-A-2018101751 (21) 2018101751 (22) 17.11.2018 (54) A distributed attack detection and information security sharing algorithm over multitask networks (51) Int. Cl. H04L 9/00 (2006.01) G06F 21/00 (2013.01) (45) 20.12.2018 (72) Chen, Feng; Shi, Qing; Deng, Shuwei (74) Feng Chen</p>	<p>(45) 20.12.2018 (72) Yan, Yida (74) QIAN HU</p>
<p>(71) BISSELL Homecare, Inc. (11) AU-A-2018101683 (21) 2018101683 (22) 13.11.2018 (54) Surface cleaning apparatus (51) Int. Cl. A47L 11/30 (2006.01) A47L 11/29 (2006.01) (31) 15/827,790 (32) 30.11.17 (33) US (45) 20.12.2018 (72) LUYCKX, Michael; RESCH, Jacob (74) Griffith Hack</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101699 (21) 2018101699 (22) 15.11.2018 (54) Leather treatment agent PR-I retanning agent production plant (51) Int. Cl. B01J 14/00 (2006.01) B01J 19/18 (2006.01) C08F 218/08 (2006.01) C08F 220/56 (2006.01) C08F 222/06 (2006.01) C14C 3/22 (2006.01) (31) 2017111613188 (32) 21.11.17 (33) CN (45) 20.12.2018 (72) Yan, Yida (74) QIAN HU</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101705 (21) 2018101705 (22) 16.11.2018 (54) Light leather coating agent acrylic emulsion soft No. 1 production plant (51) Int. Cl. B01J 19/00 (2006.01) C14C 11/00 (2006.01) (31) 2017111617494 (32) 21.11.17 (33) CN (45) 20.12.2018 (72) Yan, Yida (74) QIAN HU</p>
<p>(71) Bourne, J. (11) AU-A-2018101685 (21) 2018101685 (22) 13.11.2018 (54) The Scooteroo Project (51) Int. Cl. B62B 9/28 (2006.01) (45) 20.12.2018 (72) Bourne, Jimmy Jack Lewer (74) Jimmy Jack Lewer Bourne</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101700 (21) 2018101700 (22) 15.11.2018 (54) Type A-1 synthetic fatliquor production plant (51) Int. Cl. C14C 9/02 (2006.01) B01J 10/00 (2006.01) B01J 14/00 (2006.01) B01J 19/12 (2006.01) B01J 19/18 (2006.01) (31) 2017111562538 (32) 21.11.17 (33) CN (45) 20.12.2018 (72) Yan, Yida (74) QIAN HU</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101706 (21) 2018101706 (22) 16.11.2018 (54) Ethyl acrylate-methacrylic acid copolymer production plant (51) Int. Cl. B01J 8/10 (2006.01) C08F 220/06 (2006.01) (31) 201711161931X (32) 21.11.17 (33) CN (45) 20.12.2018 (72) Yan, Yida (74) QIAN HU</p>
<p>(71) Carmody, B. (11) AU-A-2018101719 (21) 2018101719 (22) 12.11.2018 (54) A Cooling Device (51) Int. Cl. F25D 5/02 (2006.01) A47G 23/04 (2006.01) F25D 31/00 (2006.01) (45) 20.12.2018 (72) Carmody, Bradley (74) Martin Ip Pty Ltd</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101703 (21) 2018101703 (22) 16.11.2018 (54) Modisified sunflower oil phosphate ester production plant (51) Int. Cl. B01J 8/00 (2006.01) C11C 1/02 (2006.01) (31) 2017111617460 (32) 21.11.17 (33) CN</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101707 (21) 2018101707 (22) 16.11.2018 (54) Polyurethane finishing agent production plant (51) Int. Cl. C08G 18/12 (2006.01) C08G 18/10 (2006.01) C08G 18/24 (2006.01) C08G 71/04 (2006.01) C09D 175/06 (2006.01) (31) 2017111619324 (32) 21.11.17 (33) CN (45) 20.12.2018 (72) Yan, Yida (74) QIAN HU</p>
<p>(71) CBRE Inc. (11) AU-A-2018101365 (21) 2018101365 (22) 18.09.2018 (54) Improved Online Ordering (51) Int. Cl. G06Q 50/12 (2012.01) G06Q 30/00 (2012.01) (45) 20.12.2018 (72) Christian, John (74) Spruson & Ferguson</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101708 (21) 2018101708 (22) 16.11.2018 (54) DLC-1 leather treatment agent production plant (51) Int. Cl. B01J 14/00 (2006.01) C09D 5/00 (2006.01) (31) 2017111620618 (32) 21.11.17 (33) CN</p>	<p>(71) Chengdu Ka Wo Er Technology Co., Ltd. (11) AU-A-2018101708 (21) 2018101708 (22) 16.11.2018 (54) DLC-1 leather treatment agent production plant (51) Int. Cl. B01J 14/00 (2006.01) C09D 5/00 (2006.01) (31) 2017111620618 (32) 21.11.17 (33) CN</p>

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(74) QIAN HU
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(11) AU-A-2018101711
(21) 2018101711 (22) 16.11.2018
(54) Modified polyvinyl alcohol coating production plant
(51) Int. Cl.
C09D 129/14 (2006.01)
C08K 3/34 (2006.01)
C08K 5/07 (2006.01)
C08K 13/00 (2006.01)
C09D 129/04 (2006.01)
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(45) 20.12.2018
(72) Yan, Yida
(74) QIAN HU
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- (71) Chengdu Ka Wo Er Technology Co., Ltd.
(11) AU-A-2018101713
(21) 2018101713 (22) 16.11.2018
(54) FC-1 epoxy resin coating production plant
(51) Int. Cl.
B01J 2/00 (2006.01)
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C09D 163/00 (2006.01)
(31) 2017111562167 (32) 20.11.17 (33) CN
(45) 20.12.2018
(72) Yan, Yida
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- (71) Chengdu Ka Wo Er Technology Co., Ltd.
(11) AU-A-2018101715
(21) 2018101715 (22) 16.11.2018
(54) Styrene-acrylic emulsion coating production plant
(51) Int. Cl.
C08F 2/01 (2006.01)
C08F 2/24 (2006.01)
C08F 6/14 (2006.01)
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C09D 5/02 (2006.01)
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D21H 19/58 (2006.01)
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(72) Yan, Yida
(74) QIAN HU
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- (71) Chengdu Meng Te Si Technology Co., Ltd.
(11) AU-A-2018101745
(21) 2018101745 (22) 17.11.2018
(54) Ultra-fine titanium dioxide production plant
(51) Int. Cl.
B01J 12/02 (2006.01)
C01G 23/07 (2006.01)
F04B 37/10 (2006.01)
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(45) 20.12.2018
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- (71) Chengdu Meng Te Si Technology Co., Ltd.
(11) AU-A-2018101749
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(54) High temperature materials aluminum titanate ceramic production plant
(51) Int. Cl.
C04B 35/64 (2006.01)
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- (71) Chengdu Meng Te Si Technology Co., Ltd.
(11) AU-A-2018101755
(21) 2018101755 (22) 17.11.2018
(54) High hardness material alumina ceramic production plant
(51) Int. Cl.
C04B 26/28 (2006.01)
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(72) Peng, Fei
(74) QIAN HU
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- (71) Chengdu Meng Te Si Technology Co., Ltd.
(11) AU-A-2018101756
(21) 2018101756 (22) 17.11.2018
(54) Polymer material filler calcium sulfate whisker production plant
(51) Int. Cl.
B01J 8/10 (2006.01)
C30B 7/10 (2006.01)
C30B 29/62 (2006.01)
(31) 2017112317162 (32) 30.11.17 (33) CN
(45) 20.12.2018
(72) Peng, Fei
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- (71) Chengdu Meng Te Si Technology Co., Ltd.
(11) AU-A-2018101757
(21) 2018101757 (22) 17.11.2018
(54) Composite ceramic enhancer mullite whisker production plant
(51) Int. Cl.
C30B 29/34 (2006.01)
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- (71) Chengdu Meng Te Si Technology Co., Ltd.
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- (54) High temperature material filler silicon carbide whisker production plant
(51) Int. Cl.
B01J 6/00 (2006.01)
C04B 35/565 (2006.01)
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- (71) Chengdu Wei Er Bo Dun Technology Co., Ltd.
(11) AU-A-2018101724
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(54) Silica sol acrylic composite coating production plant
(51) Int. Cl.
B01J 8/00 (2006.01)
C01B 33/146 (2006.01)
(31) 2017111765049 (32) 23.11.17 (33) CN
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(72) Liao, Ruer
(74) QIAN HU
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- (71) Chengdu Wei Er Bo Dun Technology Co., Ltd.
(11) AU-A-2018101728
(21) 2018101728 (22) 16.11.2018
(54) Water-soluble amino coating production plant
(51) Int. Cl.
C09D 161/28 (2006.01)
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C09D 161/24 (2006.01)
(31) 2017111776537 (32) 23.11.17 (33) CN
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- (71) Chengdu Wei Er Bo Dun Technology Co., Ltd.
(11) AU-A-2018101737
(21) 2018101737 (22) 17.11.2018
(54) Perchlorethylene waterproof coating production plant
(51) Int. Cl.
C09D 127/24 (2006.01)
B01J 3/00 (2006.01)
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(31) 2017111797919 (32) 23.11.17 (33) CN
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- (71) Chengdu Wei Er Bo Dun Technology Co., Ltd.
(11) AU-A-2018101738
(21) 2018101738 (22) 17.11.2018
(54) Polyurethane coating production plant
(51) Int. Cl.
B01J 19/18 (2006.01)
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C09D 175/14 (2006.01)
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 (21) 2018101694 (22) 14.11.2018
 (54) ELECTRICAL SAFETY SYSTEM FOR WET AREAS
 (51) Int. Cl.
H01R 13/648 (2006.01)
E04C 2/06 (2006.01)
H01R 4/64 (2006.01)
H01R 11/01 (2006.01)
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 (62) PCT/AU2018/050401
 (72) Ritchie, Austen
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Cufone, M.J.
 (11) AU-A-2018101778
 (21) 2018101778 (22) 19.11.2018
 (54) Multi Trolley Clamp
 (51) Int. Cl.
F16B 7/04 (2006.01)
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 (72) Cufone, Mario John
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(71) D BURGE & M.J CHASTON
 (11) AU-A-2018101696
 (21) 2018101696 (22) 15.11.2018
 (54) Seal Tape used for the repairing of Surf Rescue Boards, Surfboards both Epoxy and Polyester, and various Automotive Enhancements.
 (51) Int. Cl.
B29C 73/10 (2006.01)
B63B 35/79 (2006.01)
 (45) 20.12.2018
 (72) Burge, Darren; Chaston, Michael
 (74) D BURGE & M.J CHASTON

Deng, S. see Chen, F.
 (21) 2018101751

(71) Farrell, T.; Lindenberg, N.
 (11) AU-A-2018101698
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 (54) A Chair
 (51) Int. Cl.
A47C 4/48 (2006.01)
A47C 7/72 (2006.01)
 (31) 2017904711 (32) 21.11.17 (33) AU
 (45) 20.12.2018
 (72) Farrell, Tracey Maree; Lindenberg, Naomi Terese
 (74) Michael Buck IP

(71) Getwell Exercise & Health Technology (Shenzhen) Co., Ltd.; GETWELL Health Technology (Wuhu) Co. Ltd.
 (11) AU-A-2018101684

(21) 2018101684 (22) 13.11.2018
 (54) SPECTRAL EMISSION DEVICE FOR HEALTH EXAMINATION
 (51) Int. Cl.
F21V 33/00 (2006.01)
A61B 5/00 (2006.01)
F21K 9/00 (2016.01)
F21S 2/00 (2016.01)
F21V 23/00 (2015.01)
F21Y 113/10 (2016.01)
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 (31) 201711179263.3 (32) 23.11.17 (33) CN
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 (72) HUANG, Bin; ZHANG, Gong; YU, Zhikun
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 (21) 2018101684

(71) Gjedsted, A.
 (11) AU-A-2018101601
 (21) 2018101601 (22) 06.11.2018
 (54) The couch surfer. An adjustable couch arm table suitable for any lounge arm
 (51) Int. Cl.
A47B 5/02 (2006.01)
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A47C 7/62 (2006.01)
A47C 17/86 (2006.01)
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 (72) Gjedsted, Adrian
 (74) Adrian Gjedsted

(71) Innovation Hammer LLC
 (11) AU-A-2018101690
 (21) 2018101690 (22) 14.11.2018
 (54) FORMULATIONS AND METHODS FOR TREATING PHOTOSYNTHETIC ORGANISMS AND ENHANCING QUALITIES AND QUANTITIES OF YIELDS WITH GLYCAN COMPOSITE FORMULATIONS
 (51) Int. Cl.
A01P 21/00 (2006.01)
A01G 9/20 (2006.01)
A01N 43/16 (2006.01)
C07C 229/76 (2006.01)
C07H 3/06 (2006.01)
 (45) 20.12.2018
 (62) 2017255439
 (72) Nonomura, Arthur M.
 (74) Phillips Ormonde Fitzpatrick

JAIN (Deemed-to-be University) see Shah, P.G.
 (21) 2018101695

JAIN (Deemed-to-be-University) see Shah, P.G.
 (21) 2018101650

JAIN (Deemed-to-be-University) see Shah, P.G.
 (21) 2018101651

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 (21) 2018101687

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 (21) 2018101688

Lindenberg, N. see Farrell, T.
 (21) 2018101698

(71) MOGRELIA, M.
 (11) AU-A-2018101720
 (21) 2018101720 (22) 16.11.2018
 (54) A COMPUTER IMPLEMENTED METHOD FOR PREVENTING UNAUTHORIZED ACCESS TO A SECURED NETWORK
 (51) Int. Cl.
G06F 21/44 (2013.01)
H04L 9/00 (2006.01)
 (45) 20.12.2018
 (72) MOGRELIA, Mehrzaad
 (74) Baxter Patent Attorneys Pty Ltd

(71) MYSMARTPROPERTY PTY LTD
 (11) AU-A-2018101660
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 (54) A Computerised Trading System
 (51) Int. Cl.
G06Q 20/06 (2012.01)
G06Q 30/02 (2012.01)
G06Q 40/04 (2012.01)
 (31) 2018901489 (32) 02.05.18 (33) AU
 (45) 20.12.2018
 (72) Bilborough, Christopher
 (74) Stellar Law Pty Ltd

(71) Novopak Pty Ltd
 (11) AU-A-2018101693
 (21) 2018101693 (22) 14.11.2018
 (54) A BIODEGRADABLE PRODUCE CONTAINER
 (51) Int. Cl.
B65D 1/36 (2006.01)
 (45) 20.12.2018
 (72) Hsiao, Athena
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Nwajei, S.
 (11) AU-A-2018101726
 (21) 2018101726 (22) 16.11.2018
 (54) Multi-Colour Clothing and Footwear For Women. I intend to create a clothing line with a difference, in the sense that the clothes including, Pant trousers, Jeans, Skirts, Dresses, Shirts, Tops Shoes and Sandal for women, will come in two different color as a pair.

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For example; Pant Trousers will have two different colors. e.g right leg BLACK and Left leg White. Same will be the rest of the items in my fashion line.

Shoes will have different color on each foot. Right foot red and left foot blue etc. I intend to make my clothing line fashion forward and unique this way.

Thanks.

- (51) Int. Cl.
A41D 1/06 (2006.01)
 (45) 20.12.2018
 (72) Nwajei, Sonia Amaka
 (74) Sonia Amaka Nwajei

- (71) PAStech Pty Ltd
 (11) AU-A-2018101697
 (21) 2018101697 (22) 15.11.2018
 (54) Drainage System for a Gas Gathering Pipe Network
 (51) Int. Cl.
F17D 3/14 (2006.01)
 (45) 20.12.2018
 (72) Bowen, Sion
 (74) Anderson IP

- (71) Sevil, P.
 (11) AU-A-2018101682
 (21) 2018101682 (22) 13.11.2018
 (54) Wheeled luggage
 (51) Int. Cl.
A45C 5/14 (2006.01)
 (31) 2017904588 (32) 13.11.17 (33) AU
 (45) 20.12.2018
 (72) Sevil, Petia; Chijoff, Michael
 (74) Shelston IP Pty Ltd.

- (71) Shah, P.G.; JAIN (Deemed-to-be-University)
 (11) AU-A-2018101650
 (21) 2018101650 (22) 03.11.2018
 (54) An apparatus and method based on electronic resonance principle to remove slats from hard water
 (51) Int. Cl.
C02F 1/48 (2006.01)
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 (72) Shah, Pritam Gajkumar; Shah, Namita Pritam
 (74) Pritam Gajkumar Shah

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 (21) 2018101651 (22) 03.11.2018
 (54) An apparatus and method based on dynamic key dependent S-Box for Symmetric Encryption in wireless networks using symmetric ciphers.
 (51) Int. Cl.
H04L 29/12 (2006.01)
G06F 21/60 (2013.01)
H04L 9/30 (2006.01)
H04L 12/66 (2006.01)
H04L 29/08 (2006.01)

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 (72) Shah, Pritam Gajkumar; A, Tabasum
 (74) Pritam Gajkumar Shah

- (71) Shah, P.G.; JAIN (Deemed-to-be-University)
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 (21) 2018101687 (22) 13.11.2018
 (54) Apparatus and method for malicious node detection in Internet of Things (IoT) based on uncertain decisions.
 (51) Int. Cl.
G06F 21/50 (2013.01)
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 (72) Shah, Pritam Gajkumar; Shah, Darshana Pritam
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 (54) An apparatus and method based on three way handshake for securing communication between mobile devices and cloud-based IoT apps and services ,without sharing key over insecure medium.
 (51) Int. Cl.
H04L 12/02 (2006.01)
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H04L 9/00 (2006.01)
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- (71) Shine Analytics Ltd.
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 (21) 2018101718 (22) 12.11.2018
 (54) SYSTEM, METHOD AND APPARATUS FOR AUTOMATIC CATEGORIZATION AND ASSESSMENT OF BILLING NARRATIVES
 (51) Int. Cl.
G06Q 10/10 (2012.01)

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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2018101716
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 (54) KNIFE FOR A COMMUNUTING MACHINE
 (51) Int. Cl.
B02C 18/18 (2006.01)
B02C 18/14 (2006.01)
 (45) 20.12.2018
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 (72) PISCHON, Stefan; KAINDL, Josef
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 (54) Easy slab is a stay in place component based formwork system for casting single directional ribbed concrete slabs ribbed slabs save on concrete while giving superior spans for medium to heavy loads Easy slab is a lightweight stay in place component based formwork it is easily transportable and no cranes are required. The advantages of Easy slab are that the floor is EPS insulated and sound proofed with its "bridge" between the "pans" it allows for most utilities to be run within the void created by the "bridge"
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E04B 5/19 (2006.01)
E04G 9/06 (2006.01)
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2018101683	BISSELL Homecare, Inc.
2018101684	Getwell Exercise & Health Technology (Shenzhen) Co., Ltd.; GETWELL Health Technology (Wuhu) Co. Ltd.
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2018101764	withers, S.
2018101778	Cufone, M.J.

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<p>(71) Albemarle Corporation (11) AU-A-2017273431 (21) 2017273431 (22) 26.05.2017 (54) Processes for producing methenamine mandelate (51) Int. Cl. C07D 487/18 (2006.01) C07C 51/41 (2006.01) (87) WO2017/210122 (31) 62/345,440 (32) 03.06.16 (33) US (43) 07.12.2017 (72) Assink, Bryce Kelly; Caviggiola, Tino Jon (74) FB Rice Pty Ltd</p>	<p>(71) Altesse (11) AU-A-2017272959 (21) 2017272959 (22) 29.05.2017 (54) System for releasably attaching an ornament on a surface of a flexible leather article (51) Int. Cl. A45C 3/06 (2006.01) A45C 13/08 (2006.01) A45C 13/10 (2006.01) (87) WO2017/207879 (31) 1600895 (32) 02.06.16 (33) FR (43) 07.12.2017 (72) Courtial, Jean-Paul (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Amsted Rail Company, Inc. (11) AU-A-2017269147 (21) 2017269147 (22) 17.05.2017 (54) Braking systems for railway cars (51) Int. Cl. B61H 13/36 (2006.01) B61H 15/00 (2006.01) (87) WO2017/205138 (31) 15/161,507 (32) 23.05.16 (33) US (43) 30.11.2017 (72) Sunde, Jonathan (74) FB Rice Pty Ltd</p>
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<p>(71) Algotec Systems Ltd. (11) AU-A-2017285309 (21) 2017285309 (22) 15.06.2017 (54) Medical image workflow system and method (51) Int. Cl. G06F 19/00 (2006.01) (87) WO2017/218773 (31) 62/351,495 (32) 17.06.16 (33) US</p>	<p>(71) Amazon Technologies, Inc. (11) AU-A-2017281637 (21) 2017281637 (22) 22.06.2017 (54) Intelligent configuration discovery techniques (51) Int. Cl. G06F 17/30 (2006.01) G06F 9/50 (2006.01) (87) WO2017/223262 (31) 15/189,979 (32) 22.06.16 (33) US (43) 28.12.2017 (72) Subramanian, Hariharan; Mandadi, Vijay Dheeraj Reddy; Gafton, Cristian Gabriel; Natarajan, Karthikeyan; Chen-nuru, Ramapulla Reddy; Khan, Kashfat; Balaga,Venkata Satya Siva Kumar (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Amsted Rail Company, Inc. (11) AU-A-2017272016 (21) 2017272016 (22) 17.05.2017 (54) Braking systems for railway cars (51) Int. Cl. B61H 13/36 (2006.01) B61H 15/00 (2006.01) (87) WO2017/205137 (31) 15/161,488 (32) 23.05.16 (33) US (43) 30.11.2017 (72) Sunde, Jonathan (74) FB Rice Pty Ltd</p>
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relevant media content
- (51) Int. Cl.
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G06Q 30/02 (2012.01)
H04L 29/06 (2006.01)
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G06Q 30/06 (2012.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) Faucet assembly with integrated anti-scald device
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E03C 1/04 (2006.01)
G05D 23/13 (2006.01)
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 A61P 25/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 207/26 (2006.01)
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A01K 61/70 (2017.01)
A01K 79/02 (2006.01)
B01D 24/22 (2006.01)
B01D 24/46 (2006.01)
C02F 1/00 (2006.01)
E03B 3/04 (2006.01)
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B01J 20/02 (2006.01)
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B01L 3/00 (2006.01)
C12M 3/00 (2006.01)
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D21H 15/06 (2006.01)
D21H 21/40 (2006.01)
D21H 21/42 (2006.01)
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E21B 4/14 (2006.01)
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E21B 6/02 (2006.01)
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G08B 25/08 (2006.01)
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A61K 31/519 (2006.01)
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H04W 72/04 (2009.01)
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F25D 3/10 (2006.01)
F25B 9/02 (2006.01)
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C12P 21/00 (2006.01)
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B65D 5/72 (2006.01)
B65D 5/44 (2006.01)
B65D 5/74 (2006.01)
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 device for self-priming which can be
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A47J 31/46 (2006.01)
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G06Q 10/00 (2006.01)
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G09G 5/00 (2006.01)

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H04L 29/06 (2006.01)
H04L 29/08 (2006.01)

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A61B 17/88 (2006.01)
B24B 5/14 (2006.01)

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A61F 2/44 (2006.01)
A61F 2/30 (2006.01)
A61F 2/46 (2006.01)

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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
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C07K 19/00 (2006.01)
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C12N 5/0781 (2010.01)
C12N 5/0783 (2010.01)

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A61K 38/17 (2006.01)
C12N 5/0783 (2010.01)
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			in plant breeding	(51) Int. Cl.
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			A01H 1/04 (2006.01)	B01D 17/00 (2006.01)
			A01H 5/00 (2006.01)	B01D 17/02 (2006.01)
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			(54) Electromagnetic hammer device for the	(54) Non-cleavable polymer conjugated with
			mechanical treatment of materials and	$\alpha\beta 3$ integrin thyroid antagonists
			method of use thereof	(51) Int. Cl.
			(51) Int. Cl.	B82Y 5/00 (2011.01)
			B24B 39/00 (2006.01)	A61K 47/50 (2017.01)
			B21D 26/14 (2006.01)	(87) WO2017/214299
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				plementing in-memory data structures
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F16L 11/08 (2006.01)
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C22C 38/00 (2006.01)
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 B29C 39/22 (2006.01)
 (87) WO2018/000018
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 (74) Madderns Patent & Trade Mark Attorneys

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 A61N 1/36 (2006.01)
 A63B 69/00 (2006.01)
 A61N 1/04 (2006.01)
 A63B 24/00 (2006.01)
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 G06Q 10/08 (2012.01)
 G06Q 99/00 (2006.01)
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 (11) AU-A-2017268362
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 B01J 8/00 (2006.01)
 B08B 9/00 (2006.01)
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(71) Xevo Inc.
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 (54) Method and system for providing auto space management using virtuous cycle
 (51) Int. Cl.
 G05D 1/00 (2006.01)
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 G08G 1/14 (2006.01)
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 (43) 21.12.2017
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 (11) AU-A-2017279482
 (21) 2017279482 (22) 10.04.2017
 (54) Devices and methods for removal of biogenic amines from wines and other liquids
 (51) Int. Cl.
 B01D 15/36 (2006.01)
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 C12H 1/04 (2006.01)
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 (11) AU-A-2017280045
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 (51) Int. Cl.
 B65D 43/02 (2006.01)
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- (71) Zhejiang Chilly Technology Corp. Ltd.
 (11) AU-A-2018229897
 (21) 2018229897 (22) 31.01.2018
 (54) Device and system for generating low frequency alternating electric field, and signal conditioning method
 (51) Int. Cl.
 H02M 5/458 (2006.01)
 H02M 5/16 (2006.01)
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 (31) 201710135409.8 (32) 08.03.17 (33) CN
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2017273259	2017282719	2017316515	2017267713	2017278959	2017271615
			2017277297		2017272795
<u>A01G 7 /-</u>	<u>A22B 5 /-</u>	<u>A24F 47 /-</u>	<u>A47K 13 /-</u>	<u>A61D 99 /-</u>	2017272888
2017274915	2017273236	2017268810	2016405580	2017275649	2017272889
		2017304197			2017273189
<u>A01G 9 /-</u>	<u>A23B 4 /-</u>	2017316515	<u>A47K 13 /-</u>	<u>A61D 99 /-</u>	2017273495
2017274915	2017277297		2016412537		2017273771
	2017329103	<u>A42B 3 /-</u>	2016412809	<u>A61F 13 /-</u>	2017274665
<u>A01H 1 /-</u>	<u>A23F 3 /-</u>	2017267419	2017271695		2017274693
2016410429	2017282545	<u>A43B 3 /-</u>	2017278955		2017275492
2016410430		2017267419	<u>A47L 9 /-</u>		2017275652
2017277808	<u>A23J 1 /-</u>	<u>A44B 9 /-</u>	2017262323		2017276626
	2017261122	2017272960	2017264271		2017276627
<u>A01H 4 /-</u>	<u>A23J 3 /-</u>	<u>A44C 15 /-</u>	2017275821		2017277497
2016410429	2017261122	2017272960	<u>A61B 1 /-</u>		2017277532
2016410430	<u>A23J 3 /-</u>	<u>A44C 17 /-</u>	2017261278		2017277732
	2017261122	2017272960	2017270080		2017277732
<u>A01H 5 /-</u>	<u>A23L 13 /-</u>	<u>A44C 21 /-</u>	<u>A61B 10 /-</u>		2017277734
2017277808	2017277297	2017272960	2017286194		2017277897
2017285439	2017277297	<u>A44C 17 /-</u>	<u>A61B 17 /-</u>		2017278245
	2017277297	2017272960	2017261273		2017278484
<u>A01J 5 /-</u>	<u>A23L 17 /-</u>	<u>A44C 21 /-</u>	201727902		2017278931
2017260579	2017277297	2017272960	2017271379		2017278959
	2017277297	<u>A44C 17 /-</u>	2017277902		2017279027
<u>A01K 1 /-</u>	<u>A23L 19 /-</u>	<u>A44C 15 /-</u>	2017278147		2017279029
2017272910	2017274071	2017272960	2017278959		2017281228
	2017274071	<u>A45C 13 /-</u>	2017293923		2017282039
<u>A01K 61 /-</u>	<u>A23L 27 /-</u>	2017272959	<u>A61B 18 /-</u>		2017282871
2017272910	2017277297	<u>A45C 3 /-</u>	2017260466		2017283491
2017279000	2017277297	2017272959	2017278147		2017283491
	2017282545	<u>A46B 9 /-</u>	2017285139		2017286653
<u>A01K 63 /-</u>	<u>A23L 29 /-</u>	2017275479	2017285144		2017288094
2017267212	2017282545	<u>A46D 1 /-</u>	2017305686		2017290060
2017272910	<u>A23L 3 /-</u>	2017275479	2017306764		2017290804
	2017282545	<u>A47B 46 /-</u>	2017309371		2017291794
<u>A01K 67 /-</u>	<u>A23L 33 /-</u>	2017272056	2017311654		2017292732
2017285206	2017282545	2017272056	<u>A61B 34 /-</u>		2017294524
	2017259736	<u>A47B 47 /-</u>	2017286194		2017296026
<u>A01K 79 /-</u>	2017282039	2017272056	<u>A61B 42 /-</u>		2017298187
2017279000	2017282039	2017272056	2017274083		2017298651
	2017282039	<u>A47B 96 /-</u>	<u>A61B 46 /-</u>		2017312113
<u>A01M 7 /-</u>	<u>A23L 5 /-</u>	2017272056	2017286194		2017314181
2017285727	2017272795	2017272056	<u>A61B 42 /-</u>		<u>A61K 33 /-</u>
	2017272795	<u>A47B 96 /-</u>	2017274083		2017260466
<u>A01N 1 /-</u>	<u>A23L 7 /-</u>	2017272056	<u>A61B 46 /-</u>		2017278315
2017274598	2017285439	2017272056	2017286194		2017292732
			2016407050		
			2017260575		
			2017268341		
			2017277784		
			2017278992		
				<u>A61J 15 /-</u>	
				2017281295	
				<u>A61K 31 /-</u>	
				2016406709	
				2017259436	
				2017259749	
				2017262706	
					<u>A61K 36 /-</u>
					2017260323
					2017270566

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2017284104	2017261306	2017268810	2017272889	A61P 7 /-	A63F 9 /-
2017292732	2017274693		2017305073		
A61K 38 /-	2017276806	A61M 16 /-		2017274693	2017268893
	2017283479		A61P 19 /-	A61P 9 /-	
2017259736	A61K 49 /-	2016406387	2017265263	2016406709	A63H 13 /-
2017263038		2017260444	2017298187	2017292732	2017292892
2017264944	2017277532	2017267625		2017312113	
2017265263	2017278446	A61M 25 /-	A61P 21 /-		A63H 3 /-
2017270566	2017290293			A61Q 11 /-	2017292892
2017272889	2017295608	2017261278	2016406709	2017280072	
2017273189	2017335223	2017267625	2017283546		B01D 15 /-
2017273857		2017267943		A61Q 15 /-	2017279482
2017274665	A61K 51 /-	2017285144	A61P 25 /-	2017282545	
2017274693		2017291507		A61Q 17 /-	2017268214
2017274733	2017278446		2016406709	2017291012	2017274602
2017277532		A61M 29 /-	2017259749		B01D 17 /-
2017277905	A61K 6 /-		2017260881	A61Q 19 /-	
2017278931		2017261278	2017286653		2017267212
2017279377	2017288620	A61M 31 /-	2017295608		2017279000
2017280958			2017298651		B01D 5 /-
2017281332	A61K 8 /-	2017261273		A61Q 19 /-	2017266711
2017295708			A61P 29 /-	2017290394	B01D 53 /-
	2017272795	A61M 35 /-		2017291012	
A61K 39 /-	2017280072		2016406709		2017267212
	2017282039	2017260444	2017260881	A62C 35 /-	2017279000
2017260172	2017282545		2017286653		B01D 5 /-
2017260323	2017290394	A61M 5 /-	2017305073	2017277779	2017266711
2017260365	2017291012		2017312113		
2017260881	A61K 9 /-	2017291507	A61P 3 /-	A62D 3 /-	B01D 53 /-
2017261292		2017297299		2017259118	2017266711
2017261306	2016406709		2016406709		2017274289
2017261374	2016412537	A61N 1 /-	2017292732	A63B 21 /-	2017277297
2017276698	2017259749		2017312113		2017284815
2017277269	2017260466	2017272874	A61P 31 /-	2017215330	2017291058
2017283546	2017270566	2017278959			2017291185
2017295608	2017273495	A61N 2 /-	2017261306	A63B 24 /-	B01D 61 /-
2017305073	2017275492		2017272356		2017279509
2017314067	2017277497	2017260466	2017272795	2017215330	
	2017277897		2017276626	2017272874	B01F 17 /-
A61K 41 /-	2017278315	A61N 5 /-	2017276627	2017277971	
	2017294402		2017290060	A63B 33 /-	2017270947
2017260466	2017294524	2017278147	A61P 35 /-		
2017270932	2017299374			2017264737	B01J 19 /-
A61K 45 /-	2017314181	A61N 7 /-	2016406709		2017291185
			2017259436	A63B 69 /-	
2017270221	A61L 15 /-	2017260466	2017260172		2017291058
2017272888			2017266724	2017272874	B01J 20 /-
2017272889	2016412809	A61P 1 /-	2017273189	2017275797	
2017277532			2017273495	2017285470	2017291058
2017277897	A61L 2 /-	2017305073	2017276806	2017287827	
2017282039		2017312113	2017277732	A63B 71 /-	B01J 21 /-
2017305073	2017282719	A61P 11 /-	2017277734		2017277063
			2017278245	2017275797	
A61K 47 /-	A61L 27 /-	2017277897	2017279027	A63C 19 /-	B01J 29 /-
		2017305073	2017282871		2017278084
2017259749	2017278294	2017312113	2017286653	2017259101	
2017270566	2017278315	A61P 13 /-	2017288094	2017287827	B01J 39 /-
2017270932	A61M 1 /-		2017296026		2017279482
2017274665		2017260881	2017312113	A63F 1 /-	
2017279536	2017261814	2017278484	A61P 37 /-		B01J 8 /-
2017282545	2017264907	2017305073		2017268893	2017268362
2017294402	2017267625		2017261306	A63F 13 /-	2017282987
2017295938	A61M 11 /-	A61P 15 /-	2017262706		
2017314181			2017273771	2017286296	
A61K 48 /-	2017260444	2017305073	A61P 43 /-	A63F 3 /-	B01L 3 /-
	2017268810				2017289053
2017259827		A61P 17 /-	2017265384		
2017260660	A61M 15 /-		2017272888		
2017261292		2017265384			
2017261305	2017260444	2017272888			

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2017289055	<u>B24B 5/-</u>		<u>B61G 9/-</u>	<u>B65D 50/-</u>	<u>C01B 32/-</u>
2017344061		<u>B32B 21/-</u>			
<u>B03C 1/-</u>	2017277902	2016415213	2017347558	2017278159	2017281543
	<u>B25B 13/-</u>		<u>B61H 13/-</u>	<u>B65D 51/-</u>	2017282719
2017289055		<u>B32B 27/-</u>			<u>C01C 1/-</u>
<u>B03D 1/-</u>	2017263262	2017275736	2017269147	2017280045	
	<u>B25J 5/-</u>		2017269148		2017284815
2017282850		<u>B32B 5/-</u>	2017272016	<u>B65D 6/-</u>	
<u>B05B 12/-</u>	2017415414		<u>B61H 15/-</u>	2017269437	<u>C01F 11/-</u>
	<u>B25J 9/-</u>	2017262573			2017282719
2017285727		<u>B32B 7/-</u>	2017269147	<u>B65D 77/-</u>	<u>C01F 5/-</u>
<u>B05B 15/-</u>	2017415414		2017269148		
	<u>B26D 1/-</u>	2016415213	2017272016	2017271695	2017282719
2017285727		2017275736	<u>B61L 1/-</u>	<u>B65D 81/-</u>	<u>C01G 23/-</u>
<u>B05B 17/-</u>	2017263372	<u>B33Y 10/-</u>			
	<u>B26D 3/-</u>	2017277281	2017279857	2017260845	2017277063
2017260444		<u>B33Y 30/-</u>		2017280045	
2017285727	2017263372		<u>B62J 1/-</u>	<u>B65D 83/-</u>	<u>C02F 1/-</u>
<u>B07B 13/-</u>	<u>B26D 7/-</u>	2017277281			
		<u>B33Y 70/-</u>	2017273146	2017271695	2017259118
2017259023	2017263372		<u>B63B 21/-</u>	2017274083	2017268084
<u>B08B 9/-</u>	<u>B28B 19/-</u>	2017277281		<u>B65D 90/-</u>	2017272052
		<u>B41F 17/-</u>	2017273983		2017274602
2017268362	2017262573		2017278306	2017267499	2017276542
<u>B09C 1/-</u>	<u>B28B 23/-</u>	2017300535	<u>B63B 25/-</u>	<u>B65H 3/-</u>	2017279000
		<u>B41F 31/-</u>			2017284159
2017259118	2017272907		2017273983	2017274083	<u>C02F 101/-</u>
<u>B21D 26/-</u>	<u>B28B 7/-</u>	2017300535	<u>B63B 35/-</u>	<u>B66D 1/-</u>	2017284159
		<u>B41F 7/-</u>			<u>C02F 103/-</u>
2016411238	2017272907		2017273983	2017278306	
<u>B22F 9/-</u>	2017289295	2017300535	2017275797	<u>B66F 17/-</u>	2017272052
	<u>B28D 1/-</u>		<u>B64C 39/-</u>		2017279000
2017272750		<u>B41J 11/-</u>		2017281901	2017284159
<u>B23K 101/-</u>	2017271618		<u>B65D 1/-</u>	<u>B66F 3/-</u>	<u>C02F 11/-</u>
	<u>B29C 39/-</u>	2017280214			
2017294125		<u>B41J 2/-</u>	2017275297	2017267499	2017272052
<u>B23K 103/-</u>	2017289295		<u>B65D 21/-</u>	<u>B66F 9/-</u>	2017276542
	<u>B29C 45/-</u>	2017280214			<u>C02F 3/-</u>
2017276775		<u>B41M 5/-</u>	2017269437	2017281901	2017259118
<u>B23K 11/-</u>	2017278159		<u>B65D 30/-</u>	<u>B67D 1/-</u>	2017267212
	<u>B30B 9/-</u>	2017280214			<u>C02F 7/-</u>
2017276775		<u>B42D 25/-</u>	2017296886	2017274441	
<u>B23K 31/-</u>	2017276496		<u>B65D 33/-</u>	<u>B67D 9/-</u>	2017284159
	<u>B31B 70/-</u>	2017259002			<u>C04B 103/-</u>
2017294125		2017288916	2017296886	2017270336	2017268384
<u>B23K 35/-</u>	2017296886	<u>B60C 11/-</u>	<u>B65D 41/-</u>	<u>B81C 99/-</u>	
	<u>B32B 1/-</u>				<u>C04B 2/-</u>
2017276775		2017269576	2017278159	2017275825	
<u>B23K 9/-</u>	2017275736	<u>B60L 11/-</u>	<u>B65D 43/-</u>	<u>B82Y 10/-</u>	2017282719
	<u>B32B 13/-</u>				<u>C04B 24/-</u>
2017294125		2017284989	2017280045	2016408764	
<u>B23P 9/-</u>	2016415213	2017285901	<u>B65D 47/-</u>	<u>B82Y 5/-</u>	2017268384
	<u>B32B 15/-</u>	<u>B60P 3/-</u>			<u>C04B 28/-</u>
2016411238			2017280045	2017279536	
<u>B24B 39/-</u>	2016415213	2017268812	<u>B65D 5/-</u>	<u>C01B 21/-</u>	2017268384
	<u>B32B 17/-</u>	<u>B61G 7/-</u>			<u>C04B 35/-</u>
2016411238			2017260845	2016415516	
	2017278275	2017347558			2017386460

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C07C 51 /- 2017273431	2017283491 2017286653 2017298187 2017335223	C07H 21 /- 2017284104 2017295602 2017312113	C09B 67 /- 2017273225	C12M 1 /- 2017275825 2017289053 2018230513	C12Q 1 /- 2017258799 2017258800 2017258801 2017260714 2017266299 2017270496 2017272864 2017273720 2017274602 2017274693 2017277304 2017277808 2017285350 2017310218 2018230513
C07D 207 /- 2017278484 2017279027	C07D 419 /- 2017298187	C07K 14 /- 2017263038 2017272356 2017273857 2017276698 2017277905 2017279377 2017280958 2017284104 2017284726 2017286333 2017295708 2017295938	C09C 3 /- 2017273225	C12M 3 /- 2016406837 2017275825 2017344061	
C07D 209 /- 2017269256 2017279029	C07D 451 /- 2017279029		C09D 11 /- 2017273225	C12N 1 /- 2017259656 2017260714 2017276704 2017284726	
C07D 211 /- 2017259436 2017279029	C07D 471 /- 2017259748 2017276626 2017276627 2017277732		C09D 131 /- 2017290372		
C07D 231 /- 2017269256	C07D 487 /- 2017273431 2017277732 2017277734 2017279027 2017282871 2017286653	C07K 16 /- 2017260365 2017260881 2017261292 2017261305 2017261374 2017272875 2017273720 2017277269 2017283546 2017285350 2017295608 2017305073 2017310218	C09D 135 /- 2017290372	C12N 11 /- 2017275825	C12R 1 /- 2017259656
C07D 271 /- 2017266724			C09D 143 /- 2017290372	C12N 15 /- 2017259656 2017259827 2017260714 2017263810 2017265723 2017272356 2017273720 2017274602 2017274693 2017275769 2017277304 2017283713 2017284726 2017285350 2017286623 2017287764 2017290804	C21B 13 /- 2017276721
C07D 273 /- 2017262706	C07D 491 /- 2017276626 2017276627 2017286653 2017335223	C07K 17 /- 2017295938	C09D 4 /- 2017290372		C21C 1 /- 2017287789
C07D 319 /- 2017259749	C07D 493 /- 2017276626 2017276627 2017286653 2017335223	C07K 19 /- 2017264944	C09D 5 /- 2017290372		C21C 5 /- 2017277102
C07D 401 /- 2017259436 2017276626 2017276627 2017279027 2017279029 2017286653 2017298187	C07D 495 /- 2017276626 2017276627 2017281228	C07K 19 /- 2017264944	C09K 11 /- 2017335223		C21D 7 /- 2016411238
C07D 403 /- 2017286653 2017296026	C07D 493 /- 2017276626 2017276627 201729029 2017286653 2017298187	C07K 17 /- 2017295938	C09K 21 /- 2017261734		C21D 9 /- 2017266359
C07D 405 /- 2017259436 2017279027 2017279029 2017286653 2017298187	C07D 495 /- 2017277732 2017277734 2017281228	C07K 19 /- 2017264944	C09K 3 /- 2017282545	C12N 5 /- 2017260172 2017268475 2017269053 2017274733 2017275825 2017279377 2017285319	C22C 33 /- 2017287789
C07D 409 /- 2017286653 2017298187	C07D 498 /- 2017276626 2017276627 2017279029 2017286653	C07K 7 /- 2017260172 2017263038 2017272875	C09K 5 /- 2017266432		C22C 38 /- 2017266359
C07D 411 /- 2017298187	C07D 513 /- 2017276626 2017276627	C08F 218 /- 2017290372	C09K 8 /- 2016422870	C12N 9 /- 2017260714 2017275769 2017281332 2017283479 2017287764 2017295602	C25B 1 /- 2017268084
C07D 413 /- 2017286653 2017298187	C07F 5 /- 2017290060	C08F 220 /- 2017268384	C10B 53 /- 2018243576		C25B 15 /- 2017268084
C07D 417 /- 2017279029	C07H 1 /- 2017295602	C08G 63 /- 2017275297	C10G 33 /- 2017268214		C25B 9 /- 2017268084
	C07H 17 /- 2017262706	C08G 65 /- 2017270947	C10K 1 /- 2017291185	C12P 19 /- 2017265723 2017287764	C25C 3 /- 2017285539
		C08K 3 /- 2017290372	C12G 1 /- 2017279482	C12P 21 /- 2017277761	C25C 7 /- 2017285539
		C08K 5 /- 2017275684	C12H 1 /- 2017279482	C12P 3 /- 2017276704	C40B 40 /- 2017263810 2017281332

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<u>D03J 1 /-</u>	<u>E02B 1 /-</u>	<u>E21B 1 /-</u>	<u>E21D 9 /-</u>	<u>F16K 31 /-</u>	<u>F27D 9 /-</u>
2017265254	2017279000	2017268030	2017271618	2016425020	2017277102
	<u>E02F 9 /-</u>	<u>E21B 10 /-</u>	<u>F02B 67 /-</u>	2017297212	<u>F42B 10 /-</u>
<u>D04B 35 /-</u>	2017264498	2017269411	2017292615	<u>F16L 11 /-</u>	2017300113
2017265254	2017264500			2017275736	<u>G01F 23 /-</u>
<u>D04H 1 /-</u>	2017264501	<u>E21B 17 /-</u>	<u>F02K 9 /-</u>	2017294292	2017273590
2017278275	2017264874	2016423156	2017316294	<u>F16L 13 /-</u>	
	<u>E03B 3 /-</u>	2016425020		2017294125	<u>G01G 19 /-</u>
<u>D04H 13 /-</u>	2017266711	2017294292	<u>F03B 13 /-</u>	<u>F16L 15 /-</u>	2017267499
2017278955	2017279000	<u>E21B 21 /-</u>	2017372883	2017327626	<u>G01L 5 /-</u>
	<u>E03C 1 /-</u>	2017268030	<u>F03B 17 /-</u>	<u>F16L 9 /-</u>	2017267419
<u>D05B 67 /-</u>	2017264936	<u>E21B 28 /-</u>	2017372883	2017275736	<u>G01M 5 /-</u>
2017265254	<u>E04B 1 /-</u>	2017268030	<u>F03B 3 /-</u>	<u>F17C 13 /-</u>	2017266832
<u>D05C 11 /-</u>	2017261734	<u>E21B 33 /-</u>	2017372883	2017297212	<u>G01N 1 /-</u>
2017265254	2017263076	2017260712	<u>F03D 17 /-</u>	<u>F23D 14 /-</u>	2017274602
<u>D06F 35 /-</u>	2017272907	<u>E21B 34 /-</u>	2017395124	2017295468	2017363511
2017268084	<u>E04B 2 /-</u>	<u>E21B 4 /-</u>	<u>F15B 1 /-</u>	<u>F23N 5 /-</u>	2018230513
<u>D06L 4 /-</u>	2017272907	2016423156	2018268620	2017295468	<u>G01N 21 /-</u>
2017268084	2017280089	2016425020	<u>F15B 21 /-</u>	<u>F24C 3 /-</u>	2017273720
	<u>E04B 9 /-</u>	2017261842	2018268620	2017295468	2018230513
<u>D06M 11 /-</u>	2017263076	<u>E21B 41 /-</u>	<u>F16B 1 /-</u>	<u>F25B 41 /-</u>	2018258080
2017279537	<u>E04C 2 /-</u>	2017268030	2017295468	2017273983	<u>G01N 27 /-</u>
<u>D06M 13 /-</u>	2017262573	<u>E21B 43 /-</u>	<u>F16B 19 /-</u>	<u>F25B 9 /-</u>	2016420738
2017279537	2017272907	2016425384	2017264874	2017266749	2017295125
<u>D06M 15 /-</u>	<u>E04G 11 /-</u>	<u>E21B 49 /-</u>	<u>F16B 2 /-</u>	<u>F25D 3 /-</u>	<u>G01N 33 /-</u>
2017279537	2017272907	2016423156	2017264874	2017266749	2017260881
<u>D06M 23 /-</u>	<u>E04G 15 /-</u>	2016425384	2017309883	2017266749	2017272493
2017279537	2017272907	2017260381	<u>F16B 21 /-</u>	<u>F25J 1 /-</u>	2017273720
	<u>E04G 17 /-</u>	2017260712	2017264874	2017266749	2017274693
<u>D06P 5 /-</u>	2017272907	2017261842	<u>F16B 21 /-</u>	2017266749	2017277305
2017265254	<u>E04G 21 /-</u>	<u>E21B 6 /-</u>	<u>F16C 23 /-</u>	<u>F25J 3 /-</u>	2017289055
<u>D21H 13 /-</u>	2017268028	2016420738	2017264874	2017273983	2017290293
2017270497	<u>E04G 3 /-</u>	<u>E21B 7 /-</u>	2017279991	<u>F25D 3 /-</u>	2017295125
<u>D21H 15 /-</u>	2017268028	2017268030	<u>F16F 15 /-</u>	2017266749	2017295608
2017288916	<u>E04G 5 /-</u>	2017268030	2017276135	<u>F25J 1 /-</u>	2017295608
<u>D21H 21 /-</u>	2017268028	<u>E21C 25 /-</u>	<u>F16H 7 /-</u>	2017273983	2017310218
2017270497	<u>E04G 17 /-</u>	2016420738	2017279991	2017273983	2017344061
2017288916	2017268028	2017269411	<u>F16F 15 /-</u>	<u>F25J 3 /-</u>	2017363511
	<u>E05D 3 /-</u>	2017271618	2017276135	2017273983	2018230513
<u>D21H 25 /-</u>	2017272056	<u>E21C 27 /-</u>	<u>F16H 15 /-</u>	<u>F27B 1 /-</u>	<u>G01N 35 /-</u>
2017272795	<u>E05D 7 /-</u>	2017269411	2017276135	2017276721	2017344061
	2017272056	2017271618	2017292615	<u>F27B 3 /-</u>	2018258080
<u>D21H 27 /-</u>	2017272056	<u>E21C 35 /-</u>	<u>F16K 11 /-</u>	2017277102	<u>G01P 3 /-</u>
2017288916	<u>E06B 7 /-</u>	2017271618	2016411106	<u>F27D 1 /-</u>	2017279857
	2017272056	<u>E21C 35 /-</u>	<u>F16K 24 /-</u>	2017277102	<u>G01R 27 /-</u>
		2017271618	2016411106	<u>F27D 17 /-</u>	2017270129
			<u>F16K 27 /-</u>	2017276721	<u>G01R 31 /-</u>
			2016411106		2017270129

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<u>G01V 1/-</u>	2017284958 2017286296	<u>G06Q 40/-</u>	<u>G08G 1/-</u>	<u>H02M 5/-</u>	<u>H04L 12/-</u>
2017269283 2017269952	<u>G06F 19/-</u>	2017260013 2017274144	2016405879 2017285130	2018229897	2017274321 2017292409 2017297182
<u>G02B 1/-</u>	2017277808 2017277971	<u>G06Q 50/-</u>	<u>G09B 23/-</u>	<u>H02P 1/-</u>	<u>H04L 27/-</u>
2017278099	2017285309 2017293127 2017307363	2016405879 2017272377 2017273737 2017286456	2017291422 2017292892	2017277043	<u>H04L 29/-</u>
<u>G02B 21/-</u>	<u>G06F 21/-</u>	<u>G06Q 99/-</u>	<u>G09F 19/-</u>	<u>H02P 25/-</u>	2017295887 2017297187 2017297188
2017281533	2017277442 2017281628	2017260725	2017285887	2017269275	<u>H04L 29/-</u>
<u>G02B 27/-</u>	<u>G06F 3/-</u>	<u>G06T 17/-</u>	<u>G09G 3/-</u>	<u>H02P 3/-</u>	2017260202 2017274279 2017274321 2017277280 2017281628 2017286140 2017286296 2017297182
2017285887	2017269430 2017277971 2017280238 2017291223 2017295984	2017274570	2017269430	2017269275	<u>H02P 9/-</u>
<u>G02B 5/-</u>	<u>G06F 7/-</u>	<u>G06T 19/-</u>	<u>G09G 5/-</u>	2017269275	<u>H02S 10/-</u>
2017259002 2017278099	2017281628	2017295984	2017273737	2017276138 2017293558	<u>H04L 5/-</u>
<u>G02C 5/-</u>	<u>G06F 9/-</u>	<u>G07B 15/-</u>	<u>G10K 11/-</u>	<u>H02S 20/-</u>	2017297187 2017297188 2017298226 2017300154
2017264737	2017281637 2017281638 2017295814	2016405879	2017263076	2017276138	<u>H02S 30/-</u>
<u>G02F 1/-</u>	<u>G06K 7/-</u>	<u>G07C 1/-</u>	<u>G21B 1/-</u>	<u>H02S 30/-</u>	<u>H04L 9/-</u>
2017278099	2017281637 2017281638 2017295814	2016405879	2017347508	2017276138	2017274321
<u>G05B 19/-</u>	<u>G06K 9/-</u>	<u>G07C 5/-</u>	<u>H01L 27/-</u>	<u>H02S 40/-</u>	<u>H04M 1/-</u>
2017272377	2017277784	2017270565	<u>H01L 31/-</u>	2017276138 2017293558	2017271252 2017320170
<u>G05B 23/-</u>	<u>G06K 9/-</u>	<u>G07F 13/-</u>	<u>H01L 35/-</u>	<u>H03K 19/-</u>	<u>H04M 11/-</u>
2017272377	2017264868 2017274570 2017277784	2017286456	<u>H01L 37/-</u>	2017280880	2017271252
<u>G05D 1/-</u>	<u>G06N 99/-</u>	<u>G07F 17/-</u>	<u>H01L 37/-</u>	<u>H03M 13/-</u>	<u>H04M 3/-</u>
2017270979 2017285130	2016408764 2016410256 2017280880	2016405879 2017268893	2017266432	2016410256 2017264868	2017260202
<u>G05D 23/-</u>	<u>G06Q 10/-</u>	<u>G07F 7/-</u>	<u>H01L 51/-</u>	<u>H04B 1/-</u>	<u>H04N 21/-</u>
2017264936	2016410448 2017260725 2017261143 2017269322 2017273737 2017274321 2017281539 2018271359	2018239835	2017303233	2017295887 2017297188	2017259530 2017269430 2017274829
<u>G06F 11/-</u>	<u>G06Q 10/-</u>	<u>G07F 9/-</u>	<u>H01R 13/-</u>	<u>H04B 17/-</u>	<u>H04N 7/-</u>
2016410256	2016410448 2017260725 2017261143 2017269322 2017273737 2017274321 2017281539 2018271359	2017286456	2016404931 2017255379 2017272857 2017272863 2017272866	2017261802 2017295887	2017271252 2017286296 2017298381
<u>G06F 12/-</u>	<u>G06Q 20/-</u>	<u>G08B 21/-</u>	<u>H02J 13/-</u>	<u>H04B 7/-</u>	<u>H04W 12/-</u>
2017295814	2017274321 2017286296	2017262647	2016324351	2017295643 2017295887	2017277442 2017297182
<u>G06F 13/-</u>	<u>G06Q 20/-</u>	<u>G08B 25/-</u>	<u>H02J 3/-</u>	<u>H04H 20/-</u>	<u>H04W 16/-</u>
2017269801	2017274070 2017283569 2018239835	2017262647	2016324351 2017284989	2017274829	2017261802 2017282058 2017297187 2017297188
<u>G06F 15/-</u>	<u>G06Q 30/-</u>	<u>G08B 31/-</u>	<u>H02J 7/-</u>	<u>H04H 60/-</u>	<u>H04W 24/-</u>
2017274321 2017286296	2017274144 2017274321 2017280238 2017286296 2018239835	2017262647	2017284989 2018241048	2017264868 2017274829	2017265880
<u>G06F 17/-</u>	<u>G08C 17/-</u>	<u>G08C 17/-</u>	<u>H02K 7/-</u>	<u>H04L 1/-</u>	
2016410449 2017261143 2017269322 2017269430 2017274321 2017277851 2017280238 2017281628 2017281637	2016407050	2016407050	2017372883	2017298112 2017300154	

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2017295225

H04W 28 /-

2017282058

H04W 36 /-

2017269453

H04W 4 /-

2016407652

2017274279

2017297372

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2017298105

H04W 48 /-

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H04W 60 /-

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2017261802

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H04W 68 /-

2017300154

H04W 72 /-

2016416734

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2017269453

2017297188

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2018239031

H04W 74 /-

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G05B 23/02 (2006.01)
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C07C 233/65 (2006.01)
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G01N 15/02 (2006.01)
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B65D 75/30 (2006.01)
B65D 75/36 (2006.01)
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A61K 31/661 (2006.01)
A61K 35/12 (2006.01)
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A61K 35/36 (2006.01)
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F16L 15/04 (2006.01)

E21B 17/042 (2006.01)

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C07K 16/28 (2006.01)

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F16M 5/00 (2006.01)

B23Q 1/01 (2006.01)

F01D 15/12 (2006.01)

F02C 1/00 (2006.01)

F16M 7/00 (2006.01)

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D05C 15/18 (2006.01)

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E01C 13/08 (2006.01)
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B63C 11/48 (2006.01)
B63H 25/46 (2006.01)
B64C 13/20 (2006.01)
B64C 27/08 (2006.01)
B64C 29/00 (2006.01)
B64C 39/02 (2006.01)
B64D 27/24 (2006.01)
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G03B 15/00 (2006.01)
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A61M 11/02 (2006.01)
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 B01D 59/26 (2006.01)

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 C08G 77/46 (2006.01)
 C08L 83/04 (2006.01)
 D21C 7/08 (2006.01)
 D21C 9/02 (2006.01)
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 D21H 17/53 (2006.01)
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H03M 7/30 (2006.01)
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 The Board of Trustees of The University of
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B60R 11/02 (2006.01)
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B62D 21/18 (2006.01)
B62D 23/00 (2006.01)
B62D 49/06 (2006.01)

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F16L 57/00 (2006.01)
F16L 58/08 (2006.01)
C10N 10/02 (2006.01)
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2014257079	Loma Vista Medical, Inc.	2015201394	Valsir S.p.A.
2014257813	InnoRa GmbH	2015202832	Von Der Heide, H.
2014259600	Becton, Dickinson and Company	2015209534	Thermacell Repellents, Inc.
2014262180	KONE CORPORATION	2015211011	SA Photonics, Inc.
2014265608	Kruse, R.	2015212755	Hukelmann, B.
2014265950	Linde Engineering North America Inc.	2015213379	The Boeing Company
2014270125	Moholkar, K.	2015214264	Curis, Inc.; Genentech, Inc.
2014271311	Tamarack Aerospace Group, Inc.	2015214609	Solenis Technologies, L.P.
2014271423	The a2 Milk Company Limited	2015217393	Univation Technologies, LLC
2014275180	The Cincinnati Mine Machinery Company	2015217400	Univation Technologies, LLC
2014275484	Endotronix, Inc.	2015217755	Cryovac, Inc.
2014277683	BIOSENSE WEBSTER (ISRAEL) LTD.	2015219004	FMC Corporation
2014277805	Caterpillar Inc.	2015219920	Japan Tobacco Inc.
2014279750	Newcastle Innovation Ltd	2015221652	Chiyoda Corporation
2014289376	Koninklijke Philips N.V.	2015222135	Novo Nordisk A/S
2014289745	Agios Pharmaceuticals, Inc.	2015222700	Biomet Manufacturing, LLC
2014292114	Ditesan Ltd.	2015223295	L&P Property Management Company
2014298784	Electrolux Appliances Aktiebolag	2015223887	Kumiai Chemical Industry Co., Ltd.
2014301416	Fuchs, A.	2015225989	Lumina Adhesives AB
2014308565	Glencore Technology Pty Limited	2015229558	Microsoft Technology Licensing, LLC
2014315126	Crown Equipment Corporation	2015229830	California Institute of Technology
2014324595	Beijing Innocare Pharma Tech Co., Ltd	2015236008	Genentech, Inc.
2014324647	President and Fellows of Harvard College	2015236942	LEMKEN GmbH & Co. KG.
2014326688	Nestec S.A.	2015238007	THOMSON Licensing
2014328759	Kaufman & Robinson, Inc.	2015238215	Swiss VX Venentherapie und Forschung GmbH
2014329392	Infinity Pharmaceuticals, Inc.	2015239104	Ares Trading S.A.
2014336204	CFL BIOTECH	2015240516	Vestaron Corporation
2014337176	C.R. Bard, Inc.	2015242254	Ductor Oy
2014340259	Biomet Biologics, LLC	2015244483	S4 Energy B.V.
2014342010	Allergan, Inc.	2015245889	Kaba Ilco Inc.
2014343497	Indian Ocean Medical Inc.	2015247437	Lockheed Martin Corporation
		2015250094	Prolitec Inc.
		2015250095	Prolitec Inc.
		2015250994	Piqur Therapeutics AG; Universitaet Basel
		2015253520	Microsoft Technology Licensing, LLC
		2015257774	Targovax ASA

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2015258476	Ugisense AG	2016203865	Blakeman, J.
2015258761	GNG Electrical Pty Ltd	2016208236	Planet GDZ AG
2015258827	Qualcomm Incorporated	2016211229	Intact Vascular, Inc.
2015261822	GEA Farm Technologies GmbH	2016213688	HALL, K.
2015263682	Juqin Power Technology Co., Ltd.	2016218935	Whiteley Corporation Pty Ltd
2015265150	Unicharm Corporation	2016222490	Deepwater Desal LLC
2015269953	Unicharm Corporation	2016226582	Wagner Spray Tech Corporation
2015273346	Luxfer Gas Cylinders Limited	2016231469	Millennium Pharmaceuticals, Inc.
2015276264	Chiesi Farmaceutici S.p.A.	2016233511	Voelker, J.; Whitson, C.
2015276389	Casale SA	2016234967	The Track Shop Pty Ltd
2015278810	Pet Novations Ltd.	2016238925	AbbVie Ireland Unlimited Company
2015281295	Mokveld Valves B.V.	2016238980	Interlock USA, Inc.
2015281459	Huawei Technologies Co., Ltd.	2016244182	Czerniecki, B.
2015282127	Sumitomo Chemical Company, Limited	2016244719	Telefonaktiebolaget LM Ericsson (publ)
2015291875	Nippon Steel & Sumitomo Metal Corporation	2016247060	Aristocrat Technologies Australia Pty Limited
2015292425	Beta Pharma, Inc.	2016247078	Baker Hughes, a GE company, LLC
2015295989	Newracom Inc.	2016248085	Ball Corporation
2015296234	Indoor Farms of America, LLC	2016250171	Face International Corporation
2015299175	BASF SE	2016250444	Rani Therapeutics, LLC
2015301156	Baker Hughes, a GE company, LLC	2016251610	Vallourec Oil and Gas France; Nippon Steel & Sumitomo Metal Corporation
2015302044	Westlake Longview Corporation	2016253534	Henry Johnson Pty Ltd
2015309353	Caliway Biopharmaceuticals Co., Ltd.	2016253592	SunPower Corporation
2015309833	Shinshu University; Kotobuki Tsushou Co., Ltd.	2016253626	Arbitron Inc.
2015310346	Nippon Steel & Sumitomo Metal Corporation	2016253743	IHI Corporation
2015312292	La-Z-Boy Incorporated	2016262644	BioCryst Pharmaceuticals, Inc.
2015313268	RIN Institute Inc.; National Cancer Center	2016262692	Intuit Inc.
2015317280	CSIR	2016264012	British American Tobacco (investments) Limited
2015322141	Closed Joint Stock Company "Biocad"	2016264705	Komatsu K VX LLC NUF
2015322153	Telefonaktiebolaget LM Ericsson (publ)	2016267831	LG Electronics Inc.
2015328397	USNR, LLC	2016268477	Novartis AG
2015330696	Technip France	2016269554	Bayer HealthCare LLC
2015332181	Nuovo Pignone Srl	2016270729	Graphic Packaging International, LLC
2015333293	Sim Lighting Design Company Limited	2016273853	BASF SE
2015334020	Thomson Reuters Global Resources Unlimited Company	2016275411	Panasonic Intellectual Property Management Co., Ltd.
2015335275	L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude	2016277569	Shire Human Genetic Therapies, Inc.
2015336081	Itron, Inc.	2016277692	Alcon Research, Ltd.
2015338717	GlaxoSmithKline Intellectual Property Development Limited	2016278741	Unilever PLC
2015340134	Ewha University - Industry Collaboration Foundation; Korea Advanced Institute of Science and Technology	2016280075	Baker Hughes, a GE Company, LLC
2015344310	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	2016280523	Qualcomm Incorporated
2015353904	The Gillette Company LLC	2016282094	Zhang, H.
2015354534	Canon Kabushiki Kaisha	2016282297	MetaOptima Technology Inc.
2015365008	Sanden Holdings Corporation; The Coca-Cola Company	2016285841	Techtronic Industries Co. Ltd.
2015367354	Watson-Marlow Bredel B.V.	2016286893	Mitsubishi Electric Corporation
2015372801	LG Chem, Ltd.	2016288810	NV Michel Van de Wiele
2015375259	Guangzhou Magpie Pharmaceuticals Co., Ltd.	2016291583	Ancra International LLC
2015375495	New York Air Brake, LLC	2016291609	Motorola Solutions, Inc.
2015378888	Dyson Technology Limited	2016295024	Navigo Proteins GmbH
2015383866	Exxonmobil Upstream Research Company	2016297403	Jiangnan University
2015385144	ACTEGA DS GmbH	2016300420	Glory Ltd.
2015385795	Halliburton Energy Services, Inc.	2016307779	Vanderbilt Chemicals, LLC
2015387986	Hernandez Miramontes, J.	2016312887	XCMG European Research Center GmbH
2015392163	Huawei Technologies Co., Ltd.	2016313700	British American Tobacco (Investments) Limited
2015393421	Thru Tubing Solutions, Inc.	2016313705	British American Tobacco (Investments) Limited
2015393577	Huawei Technologies Co., Ltd.	2016316596	LANXESS Deutschland GmbH
2015395663	Halliburton Energy Services, Inc.	2016322277	Jiangsu University of Science and Technology
2015399462	Halliburton Energy Services, Inc.	2016332145	Nippon Soda Co., Ltd.
2015399593	Hytera Communications Corporation Limited	2016339995	Zimmer, Inc.
2015401354	Huawei Technologies Co., Ltd.	2016340415	Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France
2015402034	Xinjiang Goldwind Science & Technology Co., Ltd.	2016341855	Conmed Corporation
2015402571	Colgate-Palmolive Company	2016343379	Shandong University of Science and Technology
2015404090	Dongguan Yuanfeng Technology Co., Ltd.; Guangdong Yuanfeng Electronic Technology Co., Ltd.	2016344551	Shell Internationale Research Maatschappij B.V.
2015415453	Huawei Technologies Co., Ltd.	2016346086	Prodrone Co., Ltd.
2015417707	Colgate-Palmolive Company	2016349244	Unilever PLC
2015417922	ArQule, Inc.	2016358589	Carl Zeiss Vision International GmbH
2016200855	MENICON Co., Ltd	2016382453	ExxonMobil Upstream Research Company
2016203139	Anterios, Inc.	2016388332	Google LLC
		2016392087	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
		2016395961	ABB Schweiz AG
		2016423487	Taiyuan University of Technology

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2017200135	Merial, Inc.	2018200952	Dow Global Technologies LLC; Rohm and Haas Company
2017200381	Rontgen Technische Dienst B.V.	2018202174	Accenture Global Solutions Limited
2017200681	Grannus, LLC	2018202903	AMTB Technology
2017200796	The Administrators The Tulane Educational Fund	2018203114	Caterpillar Inc.
2017200823	Bauer, A.	2018220050	Uber Technologies, Inc.
2017201056	Altor Bioscience Corporation	2018236856	INSERM (Institut National de la Santé et de la Recherche Médicale); Université Claude Bernard - Lyon 1; ENS - Ecole Normale Supérieure de Lyon; Centre National de la Recherche Scientifique (CNRS); EDELRIIS; POXEL
2017201078	Ionis Pharmaceuticals, Inc.	2018253634	Tu, P.
2017201199	W. L. Gore & Associates, Inc.	2018260858	Charité - Universitätsmedizin Berlin; GAMBRO LUNDIA AB
2017201670	NovaBiotics Limited		
2017201718	Aston University		
2017201729	General Electric Company		
2017202023	Sun Patent Trust		
2017202150	Novartis AG		
2017202203	Stryker Corporation		
2017202259	Halliburton Energy Services, Inc.		
2017202264	TUCC Technology, LLC		
2017202473	Medicago Inc.		
2017202784	Landmark Graphics Corporation		
2017203017	Purdue Pharma L.P.		
2017203091	Telefonaktiebolaget LM Ericsson (publ)		
2017203164	Torqueedo GmbH		
2017203385	Aragon Pharmaceuticals, Inc.		
2017203561	Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College		
2017203623	Xyleco, Inc.		
2017203629	Oxford University Innovation Limited		
2017203820	Dolby International AB		
2017203868	Cequent Performance Products, Inc		
2017204092	LG Electronics Inc.		
2017204109	3M Innovative Properties Company		
2017204205	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED		
2017204260	Suzlon Energy Limited		
2017204587	G.A.M. Manshanden Management B.V.		
2017208277	Apple Inc.		
2017208372	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED		
2017213465	Honda Motor Co., Ltd.		
2017216497	Siemens Industry, Inc		
2017219057	Visa International Service Association		
2017228616	Carl Zeiss Meditec AG		
2017232100	Covidien LP		
2017235937	Tyco Fire & Security GmbH		
2017241972	Komatsu Ltd.		
2017245348	Ethicon Endo-Surgery, Inc		
2017245420	Nestec S.A.		
2017247948	Polytex Sportbeläge Produktions-GmbH		
2017248548	Hemosonics, LLC		
2017251738	Knorr-Bremse Systeme für Nutzfahrzeuge GmbH		
2017251943	Polytex Sportbeläge Produktions-GmbH		
2017252884	Daikin Industries, Ltd.		
2017257252	Afton Chemical Corporation		
2017258932	Cryovac, Inc.		
2017258957	Baker Hughes, a GE company, LLC		
2017258963	Accenture Global Solutions Limited		
2017260327	Imprimis Pharmaceuticals, Inc.		
2017261451	Tata Consultancy Services Limited		
2017261567	Enovate Systems Limited		
2017267605	Seyntex N.V.		
2017272230	Starbucks Corporation d/b/a Starbucks Coffee Company		
2017272290	TDW Delaware, Inc.		
2017272328	LU, Y.		
2017276168	Optica Amuka (A.A.) Ltd.		
2017276330	Pelican Biotech & Chemical Labs Pvt. Ltd.		
2017279769	Hewlett-Packard Development Company, L.P.		
2017281230	Colgate-Palmolive Company		
2017281927	Colgate-Palmolive Company		
2017286129	Apple Inc.		
2017290449	Unicharm Corporation		
2018200163	Horizon Therapeutics LLC		
2018200766	Jet Medical, Inc.		
2018200851	Facebook, Inc.		

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2014271423 2016231469 2018236856	<u>A61P 41 /-</u>	<u>B01D 59 /-</u>	<u>B22F 1 /-</u>	<u>B41N 1 /-</u>	2015383866
	2017201729	2015309833	2016253743	2016248085	<u>B63G 8 /-</u>
<u>A61P 11 /-</u>	<u>A61P 43 /-</u>	<u>B01D 61 /-</u>	<u>B22F 3 /-</u>	<u>B41N 6 /-</u>	2016322277
2015276264	2014221659 2015219920	2017204109	2016253743	2016248085	<u>B63H 1 /-</u>
<u>A61P 17 /-</u>	<u>A61P 5 /-</u>	<u>B01D 63 /-</u>	<u>B23K 9 /-</u>	<u>B60B 35 /-</u>	2017204587
2014221659 2014242317 2015219920	2017201718	2017204109	2017272290	2015238007	<u>B63H 11 /-</u>
<u>A61P 19 /-</u>	<u>A61P 9 /-</u>	<u>B01D 9 /-</u>	<u>B23P 15 /-</u>	<u>B60P 1 /-</u>	2017204587
2015219920	2014221659 2015219920	2014301416	2016253534	2017241972	<u>B63H 21 /-</u>
<u>A61P 21 /-</u>	<u>A61Q 11 /-</u>	<u>B01F 17 /-</u>	<u>B23Q 1 /-</u>	<u>B60P 7 /-</u>	2017203164
2017201718	2015402571 2017281230 2017281927	2015214609	2015332181	2016291583	<u>B63H 25 /-</u>
<u>A61P 25 /-</u>	<u>A61Q 15 /-</u>	<u>B01J 19 /-</u>	<u>B24B 27 /-</u>	<u>B60Q 1 /-</u>	2016346086
2015219920 2015375259	2016349244	2015276389	2016203865	2015238007 2017203868	<u>B64C 13 /-</u>
<u>A61P 27 /-</u>	<u>A61Q 19 /-</u>	<u>B01L 3 /-</u>	<u>B24C 3 /-</u>	<u>B60R 11 /-</u>	2015213379 2016346086
2015219920	2014340259 2015340134	2014340134	2016203865	2015238007	<u>B64C 27 /-</u>
<u>A61P 29 /-</u>	<u>A61Q 7 /-</u>	<u>B01L 7 /-</u>	<u>B25C 1 /-</u>	<u>B60T 17 /-</u>	2016346086
2014221659 2014342010 2015219920 2015276264 2015417922 2017203017	2014203077	2015340134	2016282094 2017204205	2015375495	<u>B64C 29 /-</u>
<u>A61P 3 /-</u>	<u>A61Q 9 /-</u>	<u>B04B 11 /-</u>	<u>B26B 21 /-</u>	<u>B61H 13 /-</u>	2016346086
2015309353 2016250444 2017201718	2014242317	2014301416	2015353904	2015375495	<u>B64C 3 /-</u>
<u>A61P 31 /-</u>	<u>A61Q 9 /-</u>	<u>B04B 5 /-</u>	<u>B27C 7 /-</u>	<u>B61H 7 /-</u>	2014271311
2013332272 2015417922 2016262644 2018236856	2015353904	2014301416	2016203865	2015375495	<u>B64C 39 /-</u>
<u>A61P 33 /-</u>	<u>A62C 99 /-</u>	<u>B05B 1 /-</u>	<u>B27K 5 /-</u>	<u>B61L 23 /-</u>	2016346086
2017200135	2014359724	2015250094 2015250095 2016226582	2015328397	2017216497	<u>B64C 5 /-</u>
<u>A61P 35 /-</u>	<u>B01D 17 /-</u>	<u>B05B 12 /-</u>	<u>B32B 1 /-</u>	<u>B62D 21 /-</u>	2015213379
2013297478 2014221659 2014244117 2014289745 2014324595 2014329392 2015219920 2015313268 2015417922 2017201056	2014233108	2016200855	2016200855	2015238007	<u>B64D 27 /-</u>
<u>A61P 37 /-</u>	<u>B01D 19 /-</u>	<u>B05B 9 /-</u>	<u>B32B 27 /-</u>	<u>B62D 23 /-</u>	2016346086
2014205366 2015276264	2015214609	2016226582	2016247078 2017258932	2015238007	<u>B64D 47 /-</u>
	<u>B01D 21 /-</u>	<u>B05D 1 /-</u>	<u>B32B 3 /-</u>	2015238007	2016346086
	<u>B01D 27 /-</u>	2016226582	2016200855	<u>B63B 22 /-</u>	<u>B65B 1 /-</u>
	<u>B01D 29 /-</u>	<u>B08B 9 /-</u>	<u>B32B 7 /-</u>	2015383866 2016346086	2014246181
	2017213465	2015328397 2016203865	2016247078 2016250171	2015383866 2016346086	<u>B65B 11 /-</u>
	<u>B01D 35 /-</u>	<u>B21C 23 /-</u>	<u>B41F 17 /-</u>	<u>B63B 3 /-</u>	2016200855
	2017204109 2017213465	2015273346	2016248085	2016322277	<u>B65B 31 /-</u>
	<u>B01D 53 /-</u>	<u>B21D 22 /-</u>	<u>B41F 7 /-</u>	<u>B63B 35 /-</u>	2015217755
	2014301416 2015309833 2015335275 2017204109	2016253534	2016248085	2015330696	<u>B65B 55 /-</u>
	<u>B21D 28 /-</u>	<u>B21D 28 /-</u>	<u>B41M 1 /-</u>	<u>B63C 11 /-</u>	2017258932
	2016253534	2016253534	2016248085	2016346086	<u>B65B 57 /-</u>
			<u>B63C 7 /-</u>		2014246181

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2017258932	2016312887	C07C 7 /-	2014329392	2015299175	2016316596
B65B 7 /-	B66D 1 /-	2014265950	2015219920	C07H 21 /-	C08F 210 /-
2015217755	2016312887	C07C 9 /-	2015250994	2017201078	2015217393
B65D 13 /-	C01B 13 /-	2015221652	2015292425	C07K 1 /-	2015217400
2017200823	2014301416	C07D 213 /-	2017200135	2017202473	C08F 220 /-
B65D 5 /-	C01B 21 /-	2014324595	2017203017	C07K 14 /-	2015225989
2015417707	2014301416	2015250994	C07D 403 /-	2013262691	C08F 222 /-
B65D 71 /-	2017200681	2015282127	2014329392	2014336204	2015225989
2016270729	C01B 25 /-	2017200135	2015292425	2014343599	C08F 255 /-
B65D 75 /-	2014399287	C07D 215 /-	2016238925	2014364051	2015302044
2016200855	C01B 5 /-	2017200135	2017200135	2014369834	C08F 4 /-
B65D 77 /-	2015309833	C07D 217 /-	2017203017	2015214264	2015217393
2016200855	C01C 1 /-	2017200135	C07D 405 /-	2015222135	2015217400
2017258932	2015276389	C07D 231 /-	2015219920	2015239104	C08G 65 /-
B65D 81 /-	2015335275	2014324595	2015417922	2015240516	2015217393
2016200855	C02F 3 /-	2014342010	2017200135	2015257774	2015217400
B65D 85 /-	2016213688	C07D 239 /-	2017203017	2015258476	C08G 77 /-
2014358842	C07B 61 /-	2014324595	C07D 409 /-	2015372801	2015214609
2016200855	2015221652	2015258476	2017200135	2016295024	C08J 3 /-
B65D 88 /-	C07C 1 /-	2017203017	C07D 413 /-	2017201056	2017202264
2018253634	2015221652	C07D 241 /-	2015282127	2017202473	C08K 3 /-
B65G 17 /-	C07C 13 /-	2014324595	2017200135	2017203385	2017202264
2017203623	2015221652	2015258476	2017203017	2017203561	C08K 5 /-
B65G 19 /-	C07C 205 /-	2017203017	C07D 417 /-	C07K 16 /-	2015299175
2014275180	2017200135	C07D 251 /-	2014329392	2013297478	C08L 23 /-
B65G 27 /-	C07C 211 /-	2014289745	2015219920	2014369834	2015299175
2017203623	2017201729	2015219920	2015276264	2015214264	C08K 3 /-
B65H 26 /-	C07C 233 /-	C07D 263 /-	2015292425	2015313268	2017202264
2014246181	2014324595	2017203017	2017203017	2015322141	2017202264
B65H 43 /-	C07C 241 /-	2014324595	C07D 471 /-	2015372801	C08K 5 /-
2014246181	2015375259	2017200135	2014329392	2016231469	2015299175
B65H 59 /-	C07C 255 /-	C07D 293 /-	2015219920	2016295024	C08L 5 /-
2016288810	2017201729	2015214264	2015276264	2017202150	2017203385
B66B 5 /-	C07C 317 /-	C07D 295 /-	2017203017	2017203385	C07K 19 /-
2014262180	2017201729	2014324595	C07D 297 /-	2013332272	2015299175
2016423487	2015221652	2017200135	C07D 307 /-	2015372801	2015385144
B66B 7 /-	C07C 5 /-	2017200135	2014324595	2017201056	C08L 5 /-
2014262180	2015221652	C07D 333 /-	2015276264	C07K 5 /-	2017202264
C07C 55 /-	C07C 55 /-	C07D 337 /-	2017203017	2017203561	C08L 53 /-
		2014324595	C07D 401 /-	C08F 10 /-	2015385144
		2017200135	2014369834	2016316596	C08L 83 /-
		C07D 401 /-	C07D 493 /-	C08F 12 /-	2015214609
		2015250994	2014369834	2016316596	C09J 151 /-
			C07D 519 /-	C08F 18 /-	2015302044
			2014369834	2016316596	C09J 4 /-
			C07F 17 /-	C08F 2 /-	2015225989
			2015217393	2015217400	C10G 15 /-
			C07F 5 /-	2015302044	2014233108
			2015217393	2016316596	
			2015250994		

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<u>C10G 32 /-</u>	2013292706 2013297478	2016253743		2017213465	<u>F16K 13 /-</u>
2014233108	2014216246 2014265608	<u>C23C 28 /-</u>	<u>E03C 1 /-</u>	<u>F01N 3 /-</u>	2017279769
<u>C10L 1 /-</u>	2015313268 2015322141	2016251610	2014221216	2017200681	<u>F16K 15 /-</u>
2016273853	2016295024 2017201056	<u>D01D 5 /-</u>	<u>E03F 1 /-</u>	<u>F02C 1 /-</u>	2014221216
<u>C10L 10 /-</u>	2017202473	2014391194	2016213688	2015332181	<u>F16K 17 /-</u>
2016273853	<u>C12N 5 /-</u>	<u>D01F 6 /-</u>	<u>E03F 11 /-</u>	<u>F03B 13 /-</u>	2014221216 2015281295
<u>C10L 3 /-</u>	2013297478 2015236008	2017247948 2017251943	2016213688	2014397698	<u>F16K 31 /-</u>
2016233511 2016344551	2016244182	<u>D05C 15 /-</u>	<u>E03F 5 /-</u>	<u>F03D 1 /-</u>	2015281295
<u>C10M 133 /-</u>	<u>C12N 7 /-</u>	2016288810	<u>E03F 7 /-</u>	2017204260	<u>F16L 15 /-</u>
2016307779	2013240248 2014292114	<u>D06F 25 /-</u>	2016213688	<u>F03D 13 /-</u>	2016340415
<u>C10M 135 /-</u>	<u>C12N 9 /-</u>	2017204092	<u>E05B 47 /-</u>	2015402034	<u>F16L 41 /-</u>
2016307779	2013246661 2016277569	<u>D06F 33 /-</u>	2015245889	<u>F03D 3 /-</u>	2014203263
<u>C10M 145 /-</u>	2017276330	2013409581	<u>E05F 11 /-</u>	2015263682	<u>F16L 47 /-</u>
2017257252	<u>C12P 21 /-</u>	<u>D06F 35 /-</u>	2016238980	2015263682	2014203263
<u>C10M 171 /-</u>	2013297478	2013409581	<u>E06B 7 /-</u>	<u>F04B 43 /-</u>	<u>F16L 57 /-</u>
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<u>C10N 10 /-</u>	2015242254	2017204092	<u>E21B 17 /-</u>	<u>F04B 49 /-</u>	<u>F16L 58 /-</u>
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<u>C10N 40 /-</u>	2017203623	2013409581 2017204092	<u>E21B 23 /-</u>	<u>F04D 13 /-</u>	<u>F16M 5 /-</u>
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2016251610	2015340134 2017203385	<u>D21C 7 /-</u>	2015393421 2016280075	2017241972	2015332181
<u>C10N 70 /-</u>	<u>C12R 1 /-</u>	2015214609	2017258957 2017261567	<u>F15B 21 /-</u>	<u>F17C 1 /-</u>
2016251610	2016297403	<u>D21C 9 /-</u>	<u>E21B 41 /-</u>	2014397698	<u>F17C 5 /-</u>
<u>C10N 80 /-</u>	<u>C21D 9 /-</u>	2015214609	2017258957	<u>F16B 7 /-</u>	2016233511
2016251610	2015291875 2015310346	<u>D21H 17 /-</u>	<u>E21B 44 /-</u>	2015201387 2015201394	<u>F17D 3 /-</u>
<u>C11D 7 /-</u>	<u>C22B 13 /-</u>	2015214609	2014415585	<u>F16D 27 /-</u>	2015317280
2016218935	2014308565	<u>D21H 21 /-</u>	<u>E21B 47 /-</u>	2015301156	<u>F21S 2 /-</u>
<u>C12H 1 /-</u>	<u>C22B 9 /-</u>	2015214609	2014415585 2015385795	<u>F16D 55 /-</u>	2015333293
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<u>C12M 1 /-</u>	<u>C22C 1 /-</u>	2017247948 2017251943	2015399462	<u>F16D 65 /-</u>	2015333293
2015340134	2015344310	<u>E02F 3 /-</u>	<u>E21B 7 /-</u>	2017251738	<u>F24F 1 /-</u>
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<u>C12N 15 /-</u>	<u>C22C 38 /-</u>	<u>E02F 9 /-</u>	2015332181	<u>F16K 1 /-</u>	2014256416 2017252884
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2014256416	2014210584	<u>G02B 3 /-</u>	2013290314	2017276168	2015301156
<u>F24F 7 /-</u>	<u>G01H 9 /-</u>	2017228616	<u>G06F 3 /-</u>	<u>G10L 17 /-</u>	<u>H02K 7 /-</u>
2014256416	2014353666	<u>G02B 5 /-</u>	2017208277 2017286129	2012265559	2015244483
<u>F25B 17 /-</u>	<u>G01L 1 /-</u>	2016250171	<u>G06F 9 /-</u>	<u>G10L 19 /-</u>	<u>H02M 7 /-</u>
2016222490	2014353666	<u>G02C 13 /-</u>	2014415585 2016253626	2015258827 2017203091	2016253592
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<u>F25D 17 /-</u>	<u>G01M 17 /-</u>	2017276168	<u>G06K 9 /-</u>	<u>H01J 27 /-</u>	<u>H04B 10 /-</u>
2015365008	2014315126	<u>G03B 15 /-</u>	2018202174	2014328759	2015211011
<u>F25D 19 /-</u>	<u>G01M 3 /-</u>	2016346086	<u>G06N 3 /-</u>	<u>H01L 25 /-</u>	<u>H04B 11 /-</u>
2016286893	2014359724	<u>G03B 17 /-</u>	2015247437	2015333293	2016388332
<u>F25D 21 /-</u>	<u>G01N 15 /-</u>	2016282297 2016346086	<u>G06Q 20 /-</u>	<u>H01L 31 /-</u>	<u>H04B 3 /-</u>
2016286893	2014340259	<u>G03F 7 /-</u>	2016262692 2016341855	2016250171 2017203629	2016253592 2018202903
<u>F25J 1 /-</u>	<u>G01N 24 /-</u>	2016248085	<u>G06Q 50 /-</u>	<u>H01L 33 /-</u>	<u>H04B 5 /-</u>
2016233511	2014279750	<u>G03G 21 /-</u>	2014347110	2015333293	2018202903
<u>F25J 3 /-</u>	<u>G01N 29 /-</u>	2015354534	<u>G06Q 99 /-</u>	<u>H01L 51 /-</u>	<u>H04L 1 /-</u>
2014301416	2017200381	<u>G05B 13 /-</u>	2013290314	2017203629	2016244719
<u>F26B 25 /-</u>	<u>G01N 33 /-</u>	2017202259	<u>G06T 15 /-</u>	<u>H01M 10 /-</u>	<u>H04L 12 /-</u>
2015328397	2013262691 2015313268 2017248548	<u>G05B 23 /-</u>	2015238007	2014324647 2016275411	2015229558 2015281459 2017286129
<u>F28D 7 /-</u>	<u>G01P 13 /-</u>	2015247437 2016395961	<u>G06T 17 /-</u>	<u>H02B 1 /-</u>	<u>H04L 27 /-</u>
2015335275	2015317280	<u>G05D 7 /-</u>	2017202784	2017272328	2014376349 2016280523
<u>F41C 33 /-</u>	<u>G01P 7 /-</u>	2015317280	<u>G06T 5 /-</u>	<u>H02G 3 /-</u>	<u>H04L 29 /-</u>
2016291609	2014277805	<u>G05F 5 /-</u>	2015238007	2015402034	2015253520 2018220050
<u>F41H 1 /-</u>	<u>G01R 19 /-</u>	2015258761	<u>G07D 9 /-</u>	<u>H02J 13 /-</u>	<u>H04L 5 /-</u>
2017267605	2015336081	<u>G06F 11 /-</u>	2016300420	2015336081	<u>H02J 3 /-</u>
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2014368810	2014279750	<u>G06F 17 /-</u>	2016247060 2018200851	<u>G08B 7 /-</u>	<u>H04L 9 /-</u>
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<u>G01C 21 /-</u>	<u>G01V 1 /-</u>	2017261451	2015245889	<u>H02J 9 /-</u>	2015415453
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<u>G01F 1 /-</u>	<u>G02B 13 /-</u>	2012265559 2013251304	<u>G09G 3 /-</u>	<u>H02K 49 /-</u>	2014372362 2014373822
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2014376190	2015401354
<u>H04N 21 /-</u>	<u>H05B 33 /-</u>
2015334020	2017235937
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2016346086	2016313700
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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 (21) 2017101617 (22) 17.11.2017
 (54) Shark Deterrence Safety Modification (SDSM)
 (51) Int. Cl.
 B63B 35/79 (2006.01)
 (45) 20.12.2018
 (72) Beith, Scott Thomas
 (74) Scott Thomas Beith

(71) Taylor Rail Australia Pty Limited
 (11) AU-B-2018100296
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 (54) Road or railway track cleaner
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 E01H 1/00 (2006.01)
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 B01D 46/10 (2006.01)
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 (72) Mckellar, Allan
 (74) Patenteur Pty Ltd

(71) Miller, B.
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 (54) Develop caravan is a innovative method of increasing the size of a living area for caravans, motor homes and cabins. The innovation allows side walls to be lowered to form a deck and front wall, with two swing out walls to fully enclose the area. An awning or retractable roof covers the expended living area.
 (51) Int. Cl.
 B60P 3/34 (2006.01)
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 (45) 20.12.2018
 (72) Miller, Barry Ian
 (74) Barry Ian Miller

(71) Tasmanian Alkaloids Pty Ltd
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 (21) 2018100457 (22) 09.04.2018
 (54) P. somniferum Plants for the Production of Codeine
 (51) Int. Cl.
 A01H 5/08 (2018.01)
 A01H 5/00 (2018.01)
 A01H 5/04 (2018.01)
 A61K 31/485 (2006.01)
 (45) 20.12.2018
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B63B 35 /-

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E01H 1 /-

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F24C 15 /-

2018100143

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2013334500 **Vale S.A.** (New Steel S.A.)

Opposition Withdrawn

2014279723 **Oberthur Fiduciaire SAS** (CCL Secure Pty Ltd)

Opposition Withdrawn - Proceed to Grant

2016231523 **Aimmune Therapeutics, Inc.** (Dark IP)

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2014304360	2014307511	2014308067	2014308568
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2014339777	2014339778	2014340059	2014348720
2014352034	2014353840	2014357743	2014367110
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2016204474	2016206242	2016213862	2016213912
2016219202	2016219541	2016219647	2016219683
2016228763	2016230970	2016231570	2016231617
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2017261584	2017279622	2017286520	2017346940
2018200792	2018201493		

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2018101745	2018101749	2018101751	2018101755
2018101756	2018101757	2018101758	2018101764
2018101778			

Offer to Surrender

It is hereby notified that **Bucher Municipal Pty Ltd 65-73 Nantilla Rd , Clayton North VIC 3168** , the Patentee of Patent 2016101462 dated 01.09.2016 for an invention titled ' Refuse collection vehicle and system therefor' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Bucher Municipal Pty Ltd 65-73 Nantilla Rd , Clayton North VIC 3168** , the Patentee of Patent 2016101463 dated 01.09.2016 for an invention titled ' Refuse collection vehicle and system therefor' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

1999018316 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2002010934 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**

2002010935 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**

2002010936 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**

2002228956 Whitmire Micro-Gen Research Laboratories, Inc. The patent has been assigned to **BASF Corporation**

2004206150 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**

2004221982 Juridical Foundation the Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**

2004228847 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**

2004260652 Delavau L.L.C. The patent has been assigned to **IVD, LLC**

2004304906 Armstrong World Industries, Inc. The patent has been assigned to **Armstrong Flooring, Inc.**

2005205314 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**

Assignments Registered

- 2005245536 AiCuris GmbH & Co. KG The patent has been assigned to **AiCuris Anti-infective Cures GmbH**
- 2006213321 Juridical Foundation the Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2006223076 Actelion Pharmaceuticals Ltd The patent has been assigned to **Helsinn Healthcare S.A.**
- 2006257415 AiCuris GmbH & Co KG The patent has been assigned to **AiCuris Anti-infective Cures GmbH**
- 2007222689 AiCuris GmbH & Co. KG The patent has been assigned to **AiCuris Anti-infective Cures GmbH**
- 2007282612 Japan as Represented by Director-General of National Institute of Infectious Diseases; JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE The patent has been assigned to **Japan as Represented by Director-General of National Institute of Infectious Diseases; KM Biologics Co., Ltd.**
- 2008201773 Juridical Foundation the Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2008202374 Juridical Foundation the Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2008202992 Juridical Foundation the Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2008203028 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2008230476 THE-CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE The patent has been assigned to **KM Biologics Co., Ltd.**
- 2008243279 Juridical Foundation The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2009204177 YSDR LLC The patent has been assigned to **Reswine LLC**
- 2009220401 Tokyo Metropolitan Institute of Medical Science; The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **Tokyo Metropolitan Institute of Medical Science; KM Biologics Co., Ltd.**
- 2009307423 Teijin Limited; THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE The patent has been assigned to **Teijin Limited; KM Biologics Co., Ltd.**
- 2010245388 SHUKOS COMPONENTS LIMITED The patent has been assigned to **Shukhmin, Konstantin**
- 2010249184 Huawei Device (Shenzhen) Co., Ltd. The patent has been assigned to **Huawei Device Co., Ltd.**
- 2010319502 VBI Technologies, LLC The patent has been assigned to **VCell Therapeutics, Inc.**
- 2010342701 Huawei Device (Shenzhen) Co., Ltd. The patent has been assigned to **Huawei Device Co., Ltd.**
- 2011314630 The Chemo-Sero-Therapeutic Research Institute; National University Corporation Hokkaido University; Tokyo Metropolitan Institute of Medical Science The patent has been assigned to **Tokyo**

Assignments Registered

- Metropolitan Institute of Medical Science; National University Corporation Hokkaido University; KM Biologics Co., Ltd.**
- 2012203101 Juridical Foundation the Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2012244074 The Chemo-Sero-Therapeutic Research Institute; Shin Nippon Biomedical Laboratories, Ltd. The patent has been assigned to **Shin Nippon Biomedical Laboratories, Ltd.; KM Biologics Co., Ltd.**
- 2012252200 Universite Pierre Et Marie Curie (Paris 6); Centre National de la Recherche Scientifique - CNRS - The patent has been assigned to **Sorbonne Université; Centre National de la Recherche Scientifique - CNRS -**
- 2012316984 Yoon, Sang The patent has been assigned to **RIMSCIENCE CO., LTD.**
- 2012352570 Eliezer Krausz Industrial Development Ltd. The patent has been assigned to **KRAUSZ INDUSTRIES LTD**
- 2013224947 AiCuris GmbH and Co. KG The patent has been assigned to **AiCuris Anti-infective Cures GmbH**
- 2013246000 Armstrong World Industries, Inc. The patent has been assigned to **Armstrong Flooring, Inc.**
- 2013246002 Armstrong World Industries, Inc. The patent has been assigned to **Armstrong Flooring, Inc.**
- 2013261307 Teijin Pharma Limited; Teijin Limited; The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **Teijin Limited; Teijin Pharma Limited; KM Biologics Co., Ltd.**
- 2013261308 Teijin Pharma Limited; The Chemo-Sero-Therapeutic Research Institute; Teijin Limited The patent has been assigned to **Teijin Limited; Teijin Pharma Limited; KM Biologics Co., Ltd.**
- 2013261312 Teijin Pharma Limited; The Chemo-Sero-Therapeutic Research Institute; Teijin Limited The patent has been assigned to **Teijin Limited; KM Biologics Co., Ltd.; Teijin Pharma Limited**
- 2013261673 Structural Research, S.L. The patent has been assigned to **Structural Concrete and Steel, S.L.**
- 2013270463 Armstrong World Industries, Inc. The patent has been assigned to **Armstrong Flooring, Inc.**
- 2013360467 Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO The patent has been assigned to **Stichting Wageningen Research**
- 2013373262 The Chemo-Sero-Therapeutic Research Institute The patent has been assigned to **KM Biologics Co., Ltd.**
- 2014211405 National University of Ireland, Galway The patent has been assigned to **University College Dublin, National University of Ireland, Dublin**
- 2014246866 TopiVert Pharma Limited; Respivert Limited The patent has been assigned to **TopiVert Pharma Limited**
- 2014246870 Respivert Limited; TopiVert Pharma Limited The patent has been assigned to **TopiVert Pharma Limited**
- 2014263290 Proteh Sp. z o.o. The patent has been assigned to **Press Glass Spolka Akcyjna**
- 2014271401 Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO The patent has been assigned to **Stichting Wageningen Research**

Assignments Registered

2014274549 Armstrong World Industries, Inc. The patent has been assigned to **Armstrong Flooring, Inc.**

2014274559 Armstrong World Industries, Inc. The patent has been assigned to **Armstrong Flooring, Inc.**

2014318581 The Regents of the University of Colorado; Johnson & Johnson Surgical Vision, Inc. The patent has been assigned to **The Regents of the University of Colorado**

2014330125 Ardyne AS The patent has been assigned to **Ardyne Holdings Limited**

2014343117 Ardyne AS The patent has been assigned to **Ardyne Holdings Limited**

2014369449 TopiVert Pharma Limited; Respivert Limited The patent has been assigned to **TopiVert Pharma Limited**

2015100358 Betta.Haul Pty Ltd The patent has been assigned to **Anders, Chris**

2017100991 Preventative Structural Engineering Pty Ltd The patent has been assigned to **DAM BUSTER IP PTY LTD**

2017200033 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2018101379 Jarvie, John The patent has been assigned to **Armour Wall Group Pty Limited**

2018101383 Jarvie, John The patent has been assigned to **Armour Wall Group Pty Limited**

Mortgages Registered - Section 187, Reg. 19

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

2004206770 Sirtex Medical Limited (Bank of China Limited Macau Branch)

2017100081 Sirtex Medical Limited (Bank of China Limited Macau Branch)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2012288626 **AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 03 Jul 2018

For the goods TAGRISSO osimertinib

Applications Refused

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

2010239080 **iCeutica Pty Ltd**

The earliest first regulatory approval date provided by the patentee 15 Nov 2016

For the goods ZORVOLEX diclofenac

2013273795 **iCeutica Pty Ltd**

The earliest first regulatory approval date provided by the patentee 15 Nov 2016

For the goods ZORVOLEX diclofenac

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2010204461 **Exelixis, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Jan 2018

For the goods CABOMETYX cabozantinib

Extension of Term of patent pursuant to Section 77 expires on 24 Sep 2029

2010204619 **Exelixis, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Jan 2018

For the goods CABOMETYX cabozantinib (as (S)-malate)

Extension of Term of patent pursuant to Section 77 expires on 19 Jan 2033

2012214322 **EXELIXIS, INC.**

The earliest first regulatory approval date provided by the patentee 19 Jan 2018

For the goods CABOMETYX cabozantinib (as (S)-malate)

Extension of Term of patent pursuant to Section 77 expires on 19 Jan 2033

2013204031 **Exelixis, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Jan 2018

For the goods CABOMETYX cabozantinib

Extension of Term of patent pursuant to Section 77 expires on 24 Sep 2029

2017201843 **Leo Laboratories Limited**

The earliest first regulatory approval date provided by the patentee 09 Nov 2012

For the goods PICATO ingenol mebutate

Extension of Term of patent pursuant to Section 77 expires on 09 Nov 2027

Corrigenda

In Vol 31 , No 18 , Page(s) 2656 under the heading **Complete Applications Filed - Name Index** Under the name Trevor David Leisk, Application No. 2017202920, under INID (61) delete 2015252030; under INID (62) insert 2015252030

In Vol 32 , No 28 , Page(s) 4043 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Alexander Vilenovich Asafov, Gravina Livio Orsini, Application No. 2015419323, under INID (71) correct the co-applicant name to Livio Orsini Gravina; under INID (72) correct the co-inventor to Orsini Gravina, Livio

In Vol 32 , No 31 , Page(s) 4502 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huwais IP Holding LLC, Application No. 2017214679, under INID (72) correct the inventor to Huwais, Salah

In Vol 32 , No 33 , Page(s) 4755 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Obshchestvo S Ogranichennoy Otvetstvennost'yu "Obedinennaya Kom-

Corrigenda

paniya Rusal Inzhenerno-Tekhnologicheskii Tsentr", Application No. 2016392200, under INID (72) correct the co-inventors to Proshkin, Aleksandr Vladimirovich; Sbitnev, Andrej Gennad'evich

In Vol 32 , No 38 , Page(s) 5359 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sew-Eurodrive Gmbh & Co. Kg Abt. Ecg, Application No. 2017253764, under INID (71) correct the applicant name to SEW-EURODRIVE GmbH & Co. KG

In Vol 32 , No 44 , Page(s) 6154 under the heading **Applications OPI - Name Index** Under the name Trevor David Leisk, Application No. 2017202920, under INID (61) delete 2015252030; under INID (62) insert 2015252030

In Vol 32 , No 44 , Page(s) 6174 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Awol Outdoors, Inc., Application No. 2017238000, under INID (72) correct the co-inventor to Fleischhacker, Kevin

In Vol 32 , No 47 , Page(s) 6641 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name DSM IP Assets B.V., Application No. 2017296386, under INID (71) add co-applicants Evonik Degussa GmbH

In Vol 32 , No 47 , Page(s) 6658 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Osaka University; Shiseido Company, Ltd.; Kyushu University, National University Corporation, Application No. 2017266331, under INID (71) remove co-applicant Kyushu University, National University Corporation

In Vol 32 , No 48 , Page(s) 6764 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015246382.

In Vol 32 , No 48 , Page(s) 6806 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Genentech, Inc. and F. Hoffmann La-Roche AG, Application No. 2017286676, under INID (72) correct the co-inventor to Kaleas-Carroll, Kimberly Ann

In Vol 32 , No 48 , Page(s) 6834 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Zimmer, Inc., Application No. 2017283630, under INID (72) correct the co-inventor to Parratte, Sebastien

Specifications Republished

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

- 2013285195 **Depuy Ireland Unlimited Company**
- 2014240988 **Tris Pharma, Inc.**
- 2014241259 **Coherus Biosciences, Inc.**
- 2014316789 **MBDA UK Limited**
- 2015222233 **Fresenius Medical Care Deutschland GmbH**
- 2015237104 **United Intellectuals International Limited**
- 2015359627 **Inventio AG**
- 2016330336 **OLKO Maschinentchnik GmbH**
- 2016372551 **Construction Research & Technology GmbH**
- 2017100553 **Apple Inc.**
- 2017202016 **New York University**
- 2017202067 **Empi Corp.**
- 2017214627 **Imaginalis S.r.l.**

Specifications Republished

2017227705 **Intezyne Technologies**

ADVERTISEMENT

Proceedings under the Patents Act 1990

Amendments under s 105(1A)

In respect of Australian Patent Application No. 2011268899, the Patent Applicant, Intervet International BV intends to seek an order under section 105(1A) of the *Patents Act 1990* in *Meril, Inc v Intervet International BV* (Federal Court Proceedings No. VID 1127 of 2018).

The particulars of the amendments sought are as shown in the enclosed documents being clean and marked up forms of the pages proposed to be amended.

The Patent Applicant's address for service is at the office of its lawyers:

SPRUSON & FERGUSON LAWYERS PTY LIMITED

Level 24, Tower 2, Darling Park

201 Sussex Street

Sydney NSW 2000

Any person intending to oppose the application who is not a party to the proceeding must, within 28 days after publication of this advertisement, given written notice of that intention to:

- (i) The Commissioner; and
- (ii) Each party to the proceeding.

STATEMENT OF INVENTION

Herein disclosed is a macrocyclic lactone solution formulation comprising levamisole in a particulate form in a non-aqueous solvent system.

The non-aqueous solvent system may comprise oil and an organic solvent.

5 The formulation may be suitable for injectable administration.

According to a first aspect of the present invention, there is provided an injectable formulation of a macrocyclic lactone and levamisole in a non-aqueous solvent system comprising oil and an organic solvent, wherein the macrocyclic lactone is in solution and the levamisole is a salt in a particulate form, and wherein the levamisole salt is present in the range of between 10-35% w/v.

10 In one embodiment the levamisole is present in the range of between 12-25% w/v.

In one embodiment the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides.

In one embodiment the organic solvent is dimethylacetamide.

In another embodiment the avermectin or milbemycin is present in the range of between 0.01 -10% w/v.

15 In another embodiment the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin.

In another embodiment the levamisole is levamisole hydrochloride. In another embodiment the levamisole present is levamisole phosphate.

20 In another aspect the invention relates to such a formulation wherein the formulation additionally includes at least one further medicament selected from the group of anthelmintics, dietary supplements, vitamins, minerals and other beneficial agents.

25 In another embodiment of the invention, there is provided a formulation, comprising: about 1.5-4% w/v ivermectin, about 15-18.8% w/v levamisole salt, and wherein the levamisole salt is particulate and the ivermectin is substantially dissolved in a non-aqueous solvent system comprising dimethylacetamide and an oil, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides, and wherein the formulation does not contain water.

30 In another aspect of the present invention, there is provided a method of treating or preventing helminth infection of cattle with *Cooperia* or *Ostertagia* spp. by injecting an animal in need thereof with a formulation of the invention as described above. In a related aspect of the present invention, there is provided the use of a formulation of the invention as described above for the manufacture of a medicament for the treatment of parasitoses caused by helminth infestations.

In one embodiment, the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin, the levamisole is levamisole hydrochloride or the levamisole is levamisole phosphate.

35 According to another aspect of the present invention, there is provided a method of preparing an injectable formulation of the invention as described above comprising the steps of:

- mixing an organic solvent with the macrocyclic lactone

2a

- mixing the macrocyclic lactone solution with an oil
- add levamisole salt and mix until complete homogenisation
- mill to get a homogeneous suspension of levamisole salt.

5 Also herein disclosed is a stable formulation suitable for administration to animals including at least 2 actives wherein a first of the actives is a macrocyclic lactone and the second of said actives is levamisole, said actives being formulated in a stable suspension.

10 Also herein disclosed are stable formulations suitable for administration to animals including at least one active selected from the group comprising a macrocyclic lactone compound and levamisole and wherein levamisole being suspended in a non-aqueous solvent and is therefore in a particulate form in the formulation.

Claims:

1. An injectable formulation of a macrocyclic lactone and levamisole in a non-aqueous solvent system comprising oil and an organic solvent, wherein the macrocyclic lactone is in solution and the levamisole is a salt in a particulate form, and wherein the levamisole salt is present in the range of between 10-35% w/v.
2. The formulation as claimed in claim 1, wherein the levamisole is present in the range of between 12-25% w/v.
3. The formulation as claimed in claim 1 or claim 2, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides.
4. The formulation as claimed in any one of claims 1 to 3, wherein the organic solvent is dimethylacetamide.
5. The formulation as claimed in any one of claims 1 to 4, wherein the macrocyclic lactone compound is present in the range of between 0.01-10% w/v.
6. The formulation as claimed in any one of claims 1 to 5, wherein the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin.
7. The formulation as claimed in any one of claims 1 to 6, wherein the levamisole is levamisole hydrochloride.
8. The formulation as claimed in any one of claims 1 to 6, wherein the levamisole is levamisole phosphate.
9. The formulation as claimed in any one of claims 1 to 8, wherein the non-aqueous solvent system comprises dimethylacetamide and an oil, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides.
10. The formulation as claimed in any one of claims 1 to 9, wherein the formulation additionally includes at least one further medicament selected from the group of anthelmintics, dietary supplements, vitamins, minerals.
11. The formulation as claimed in claim 1, comprising:
 - about 1.5-4% w/v ivermectin,
 - about 15-18.8% w/v levamisole salt, andwherein the levamisole salt is particulate and the ivermectin is substantially dissolved in a non-aqueous solvent system comprising dimethylacetamide and an oil, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides, and wherein the formulation does not contain water.
12. A method for treating or preventing helminth infection of cattle with *Cooperia* or *Ostertagia* spp. by injecting an animal in need thereof with a formulation as claimed in any one of claims 1 to 11.
13. Use of a formulation according to any one of claims 1 to 11 for the manufacture of a medicament for the treatment of parasitoses caused by helminth infestations.

14. A method of preparing an injectable formulation as claimed in any one of claims 1 to 11 comprising the steps of:

- mixing an organic solvent with the macrocyclic lactone
- mixing the macrocyclic lactone solution with an oil
- add levamisole salt and mix until complete homogenisation
- mill to get a homogeneous suspension of levamisole salt.

15. The method as claimed in claim 12 or the use as claimed in claim 13, wherein the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin, and the levamisole is levamisole hydrochloride or levamisole phosphate.

16. An injectable formulation of a macrocyclic lactone and levamisole salt as defined in claim 1, substantially as hereinbefore described with reference to the Example Formulations.

17. The formulation according to claim 16, wherein said formulation is Formulation F3 as described in the Example Formulations.

18. A method as defined in claim 14 of preparing an injectable formulation, said method being substantially as hereinbefore described with reference to the Example Formulations.

19. The method according to claim 18, wherein said formulation is Formulation F3 as described in the Example Formulations.

Intervet International B.V.

Patent Attorneys for the Applicant/Nominated Person

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STATEMENT OF INVENTION

Herein disclosed is a macrocyclic lactone solution formulation comprising levamisole in a particulate form in a non-aqueous solvent system.

The non-aqueous solvent system may comprise oil and an organic solvent.

- 5 The formulation may be suitable for injectable administration.

According to a first aspect of the present invention, there is provided an injectable formulation of a macrocyclic lactone and levamisole in a non-aqueous solvent system comprising oil and an organic solvent, wherein the macrocyclic lactone is in solution and the levamisole is a salt in a particulate form, and wherein the levamisole salt is present in the range of between 10-35% w/v.

- 10 In one embodiment the levamisole is present in the range of between 12-25% w/v.

In one embodiment the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides.

In one embodiment the organic solvent is dimethylacetamide.

In another embodiment the avermectin or milbemycin is present in the range of between 0.01 -10% w/v.

- 15 In another embodiment the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin.

In another embodiment the levamisole is levamisole hydrochloride. In another embodiment the levamisole present is levamisole phosphate.

- 20 In another aspect the invention relates to such a formulation wherein the formulation additionally includes at least one further medicament selected from the group of anthelmintics, dietary supplements, vitamins, minerals and other beneficial agents.

- 25 In another embodiment of the invention, there is provided a formulation, comprising: about 1.5-4% w/v ivermectin, about 15-18.8% w/v levamisole salt, and wherein the levamisole salt is particulate and the ivermectin is substantially dissolved in a non-aqueous solvent system comprising dimethylacetamide and an oil, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides, and wherein the formulation does not contain water.

- 30 In another aspect of the present invention, there is provided a method of treating or preventing helminth infection of cattle with *Cooperia* or *Ostertagia* spp. by injecting an animal in need thereof with a formulation of the invention as described above. In a related aspect of the present invention, there is provided the use of a formulation of the invention as described above for the manufacture of a medicament for the treatment of parasitoses caused by helminth infestations.

In one embodiment, the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin, the levamisole is levamisole hydrochloride or the levamisole is levamisole phosphate.

- 35 According to another aspect of the present invention, there is provided a method of preparing an injectable formulation of the invention as described above comprising the steps of:

- mixing an organic solvent with the macrocyclic lactone

2a

- mixing the macrocyclic lactone solution with an oil
- add levamisole salt and mix until complete homogenisation
- mill to get a homogeneous suspension of levamisole salt.

5 Also herein disclosed is a stable formulation suitable for administration to animals including at least 2 actives wherein a first of the actives is a macrocyclic lactone and the second of said actives is levamisole, said actives being formulated in a stable suspension.

10 Also herein disclosed are stable formulations suitable for administration to animals including at least one active selected from the group comprising a macrocyclic lactone compound and levamisole and wherein levamisole being suspended in a non-aqueous solvent and is therefore in a particulate form in the formulation.

Claims:

1. An injectable formulation of a macrocyclic lactone and levamisole in a non-aqueous solvent system comprising oil and an organic solvent, wherein the macrocyclic lactone is in solution and the levamisole is a salt in a particulate form, and wherein the levamisole salt is present in the range of between 10-35% w/v.
2. The formulation as claimed in claim 1, wherein the levamisole is present in the range of between 12-25% w/v.
3. The formulation as claimed in claim 1 or claim 2, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides.
4. The formulation as claimed in any one of claims 1 to 3, wherein the organic solvent is dimethylacetamide.
5. The formulation as claimed in any one of claims 1 to 4, wherein the macrocyclic lactone compound is present in the range of between 0.01-10% w/v.
6. The formulation as claimed in any one of claims 1 to 5, wherein the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin.
7. The formulation as claimed in any one of claims 1 to 6, wherein the levamisole is levamisole hydrochloride.
8. The formulation as claimed in any one of claims 1 to 6, wherein the levamisole is levamisole phosphate.
9. The formulation as claimed in any one of claims 1 to 8, wherein the non-aqueous solvent system comprises dimethylacetamide and an oil, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides.
10. The formulation as claimed in any one of claims 1 to 9, wherein the formulation additionally includes at least one further medicament selected from the group of anthelmintics, dietary supplements, vitamins, minerals.
11. The formulation as claimed in claim 1, comprising:
 - about 1.5-4% w/v ivermectin,
 - about 15-18.8% w/v levamisole salt, andwherein the levamisole salt is particulate and the ivermectin is substantially dissolved in a non-aqueous solvent system comprising dimethylacetamide and an oil, wherein the oil comprises castor oil and a medium chain triglyceride or a mixture of medium chain triglycerides, and wherein the formulation does not contain water.
12. A method for treating or preventing helminth infection of cattle with *Cooperia* or *Ostertagia* spp. by injecting an animal in need thereof with a formulation as claimed in any one of claims 1 to 11.
13. Use of a formulation according to any one of claims 1 to 11 for the manufacture of a medicament for the treatment of parasitoses caused by helminth infestations.

14. A method of preparing an injectable formulation as claimed in any one of claims 1 to 11 comprising the steps of:

- mixing an organic solvent with the macrocyclic lactone
- mixing the macrocyclic lactone solution with an oil
- add levamisole salt and mix until complete homogenisation
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15. The method as claimed in claim 12 or the use as claimed in claim 13, wherein the macrocyclic lactone compound is selected from the group comprising abamectin, doramectin, eprinomectin, ivermectin and moxidectin, and the levamisole is levamisole hydrochloride or levamisole phosphate.

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19. The method according to claim 18, wherein said formulation is Formulation F3 as described in the Example Formulations.

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