



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

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 25 Sep 2018 .

(71) 1414 Degrees Limited (21) 2018903567 (22) 21.09.2018 (54) ENERGY RECOVERY SYSTEM	(71) AU ENVIRONMENTAL PTY LTD (21) 2018903655 (22) 27.09.2018 (54) LIQUID TREATMENT UNIT	(71) Botanix Pharmaceuticals, Inc. (21) 2018903599 (22) 25.09.2018 (54) Cannabinoid Dosing Regime for Acne
(71) Adrian Stott Pty Ltd (21) 2018903712 (22) 02.10.2018 (54) Database of registration of interests / ownership of rented and leased household goods, searchable by pawnbrokers and police officers.	(71) Australian Rig Construction Holdings Pty Ltd (21) 2018903690 (22) 28.09.2018 (54) Flare System	(71) Botanix Pharmaceuticals, Inc. (21) 2018903600 (22) 25.09.2018 (54) Cannabinoid Dosing Regime for Dermatitis and Inflammatory Skin Conditions
(71) ALLWEST WELDING 68 PTY. LTD. (21) 2018903573 (22) 23.09.2018 (54) Pug Mill Paddle Arm with Hard Facing	(71) Automatic Technology (Australia) Pty Ltd (21) 2018903560 (22) 21.09.2018 (54) A clutch assembly	(71) Bradken Resources Pty Limited (21) 2018903691 (22) 28.09.2018 (54) UNDERCARRIAGE FOR A TRACKED MOBILE VEHICLE
(71) ANZ Ventures Pty Ltd (21) 2018903575 (22) 24.09.2018 (54) Advanced manufacturing system for hot/cold packs	(71) Automatic Technology (Australia) Pty Ltd (21) 2018903651 (22) 27.09.2018 (54) A clutch assembly	(71) Bradken Resources Pty Limited (21) 2018903692 (22) 28.09.2018 (54) UNDERCARRIAGE OF A TRACKED MOBILE VEHICLE
(71) ASHLIN, M. (21) 2018903590 (22) 25.09.2018 (54) A pet accessory	(71) Babuin, D. (21) 2018903642 (22) 27.09.2018 (54) Improvements in window assemblies	(71) Brett, A. (21) 2018903664 (22) 27.09.2018 (54) Down Light Voltage Regulator
(71) ASSA ABLOY Australia Pty Limited (21) 2018903566 (22) 21.09.2018 (54) MOGUL CYLINDER LOCK ASSEMBLY	(71) Bappy Care Pty Ltd (21) 2018903607 (22) 25.09.2018 (54) Apparatus for Supporting an Infant	(71) Brett, A. (21) 2018903665 (22) 27.09.2018 (54) A USB charging station connected to a male and female C13 or C14 kettle plug to allow users to connect a USB charging station through their computer tower or monitor power cable.
(71) ATHLETE'S AI PTY LTD (21) 2018903662 (22) 27.09.2018 (54) System and method for identifying the temporal location, type, and results of ball impact from video of bat and racquet sports	(71) Bell, L.; Macfarlane, P. (21) 2018903646 (22) 27.09.2018 (54) Apparatus for locating a pipe angle fitting on a pipe and method	(71) Breville Pty Limited (21) 2018903601 (22) 25.09.2018 (54) A cooking appliance
(71) ATP Institute Pty Ltd (21) 2018903625 (22) 26.09.2018 (54) PROTEIN FOOD BAR	(71) BH Biotech Pty Ltd (21) 2018903680 (22) 28.09.2018 (54) Composition and Uses Thereof	(71) Brian Investments Pty Ltd (21) 2018903627 (22) 26.09.2018 (54) System for Forecasting Wear and a Wear Sensor
	(71) Botanix Pharmaceuticals, Inc. (21) 2018903598 (22) 25.09.2018 (54) Cannabinoid Dosing Regime for Psoriasis	

Provisional Applications Filed - Name Index cont'd

(71) Bucceri, A.
(21) 2018903585 (22) 24.09.2018
(54) An attachment for a flake ice machine to create falling snow over a large area

(71) Bullen, J.
(21) 2018903699 (22) 01.10.2018
(54) Cooking Accessory

(71) Campbell, G.; Standen, T.; Standen, D.
(21) 2018903637 (22) 27.09.2018
(54) Shopping Trolley Sanitising System

(71) CANDY, K.
(21) 2018903663 (22) 27.09.2018
(54) Solar Screen Saver

(71) Cape Bouvard Technologies Pty Ltd
(21) 2018903658 (22) 27.09.2018
(54) A Transmission System

(71) Cape Bouvard Technologies Pty Ltd
(21) 2018903659 (22) 27.09.2018
(54) A Clutch

Capricorn Global Pty Ltd see Eleinvest (QLD) Pty Ltd
(21) 2018903656

(71) Carevision Holdings Pty Ltd
(21) 2018903684 (22) 28.09.2018
(54) A method for controlling a video device

(71) Carevision Holdings Pty Ltd
(21) 2018903685 (22) 28.09.2018
(54) Health management system

(71) CCL Secure Pty Ltd
(21) 2018903608 (22) 25.09.2018
(54) An ink for printing a security document and a security feature on a substrate for a security document

(71) CCL Secure Pty Ltd
(21) 2018903610 (22) 25.09.2018
(54) Security documents and security devices comprising infrared-absorbent compositions

(71) Centurion International Imports Pty Ltd
(21) 2018903620 (22) 26.09.2018
(54) Identification System

(71) CHONG, L.
(21) 2018903616 (22) 25.09.2018
(54) IncidentSpotter

(71) CK Cell Technologies Pty Ltd
(21) 2018903629 (22) 26.09.2018
(54) Mesenchymal stem cells

(71) Clifton Development and Designs Pty Ltd
(21) 2018903652 (22) 27.09.2018
(54) GUTTER LINING PANEL

(71) Conquest, C.
(21) 2018903588 (22) 25.09.2018
(54) "Blessed Collections" These products are designed to help people of all ages understand how God has provided for us through presenting a list of concepts in a book with illustrations. The concept of identifying these facts as a presentation is unique. The product is going to be promoted and sold as a box of cards, a book, and/or as a program for retreats, and a film It is non denominational.

(71) CW PRODUCTS PTY LTD
(21) 2018903677 (22) 28.09.2018
(54) Roller Shutter Lock Assembly

Dazcorp Pty Ltd see Eleinvest (QLD) Pty Ltd
(21) 2018903656

(71) Depco-TRH Pty Ltd
(21) 2018903615 (22) 25.09.2018
(54) Opacifying composition

(71) D PNIEL & A SINCARI
(21) 2018903584 (22) 24.09.2018
(54) Medical application aimed at streamlining the referral and consultations process within hospitals

(71) Du, B.
(21) 2018903571 (22) 23.09.2018
(54) Smoke alarm with humidity sensor to reduce water related nuisance smoke alarms

(71) Edmondson, J.
(21) 2018903587 (22) 25.09.2018
(54) METHOD OF, AND APPARATUS FOR, REHABILITATION OF CORAL REEFS

(71) Eleinvest (QLD) Pty Ltd; Capricorn Global Pty Ltd; Dazcorp Pty Ltd
(21) 2018903656 (22) 27.09.2018
(54) LATCHES

(71) Ena Therapeutics Pty Ltd
(21) 2018903597 (22) 25.09.2018
(54) Optimised compounds (3)

(71) Evacare Limited
(21) 2018903683 (22) 28.09.2018
(54) Grab rail with automatically activated light

(71) Fitzees Fabrication Pty Ltd
(21) 2018903565 (22) 21.09.2018
(54) Stubble Mulcher and Stubble Mulcher Assembly

(71) FLIGHTCONTROLLER PTY LTD
(21) 2018903649 (22) 27.09.2018
(54) Portable electronic audio apparatus for drone/UAV to conduct livestock mustering

(71) FLOLEVEL TECHNOLOGIES PTY LTD
(21) 2018903654 (22) 27.09.2018
(54) SYSTEM, METHOD AND APPARATUS FOR DETERMINING THE LOCATION OF INTERFACE LAYERS WITHIN A PROCESSING VESSEL

(71) Francis, R.
(21) 2018903619 (22) 26.09.2018
(54) IMPROVEMENTS IN ANCHORS

(71) Garvan Institute of Medical Research
(21) 2018903657 (22) 27.09.2018
(54) Expression profiling

(71) Genetic Signatures Limited
(21) 2018903644 (22) 27.09.2018
(54) Detection of pathogenic viruses

(71) Graham Enterprises Holdings Pty Ltd
(21) 2018903676 (22) 28.09.2018
(54) Electricity Supply Controller System

(71) Greenblock Fencing Pty Ltd
(21) 2018903613 (22) 25.09.2018
(54) CLADDING SYSTEM

(71) Haviland Holdings Pty Ltd
(21) 2018903653 (22) 27.09.2018
(54) Swivel Bearing Assembly

(71) Hein, S.
(21) 2018903706 (22) 02.10.2018
(54) MAGNETIC GRINDING PAPER FOR LOCATION ON ROTARY DRIVEN PLATE

(71) Hendry, C.
(21) 2018903580 (22) 24.09.2018
(54) Improved winding system

Provisional Applications Filed - Name Index cont'd

(71) Hooper, J.
(21) 2018903589 (22) 25.09.2018
(54) A video feed metadata augmentation and playback control system

(71) Ho Trieu, N.
(21) 2018903617 (22) 25.09.2018
(54) WOWLONGKONG - A HANDSFREE CONTINUOUS BELL FOR BICYCLE

(71) Hou, C.
(21) 2018903639 (22) 27.09.2018
(54) Axle Load Calculation System

(71) Hu, J.
(21) 2018903561 (22) 21.09.2018
(54) Stair formwork

(71) Ideal Fasteners Pty Ltd
(21) 2018903632 (22) 26.09.2018
(54) A screw fastener for use in building construction

(71) Imugene Limited
(21) 2018903558 (22) 21.09.2018
(54) A vaccine composition and uses thereof

(71) Independence Group NL
(21) 2018903643 (22) 27.09.2018
(54) Method for preparing a high-purity hydrated nickel sulphate

(71) Intex Holdings Pty Ltd
(21) 2018903717 (22) 02.10.2018
(54) Expert Report Editor

(71) Iron Canary Pty Ltd
(21) 2018903603 (22) 25.09.2018
(54) Pipe repair

Irwin, L. see SMARTRAX PTY LTD
(21) 2018903594

(71) JODAM PTY LTD
(21) 2018903612 (22) 25.09.2018
(54) Connection System

(71) King, A.
(21) 2018903666 (22) 27.09.2018
(54) MULTI-SPEED TRANSMISSION

(71) Kirkford Pty Ltd
(21) 2018903628 (22) 26.09.2018
(54) Dewatering Apparatus

(71) L&L TECHNOLOGY PTY. LTD.
(21) 2018903695 (22) 30.09.2018
(54) Method of Hand Gesture Control For Virtual Reality Fist-based Combat Games

(71) Liso, A.
(21) 2018903689 (22) 28.09.2018
(54) MODULAR GARDEN EDGING SYSTEM WITH INCORPORATED LIGHTING

Macfarlane, P. see Bell, L.
(21) 2018903646

(71) MacGregor, F.
(21) 2018903623 (22) 26.09.2018
(54) An Illuminated Lead or Cable

(71) Macquarie University; The University of Sydney
(21) 2018903602 (22) 25.09.2018
(54) Device, Method and System for Optical Imaging

(71) Mafohla, T.
(21) 2018903674 (22) 28.09.2018
(54) 'ABM' - Anti-drown Bathmat

(71) Majkic, B.
(21) 2018903650 (22) 27.09.2018
(54) Bogdan's Vertical Wind-Guard Turbine

(71) Mathers, M.
(21) 2018903696 (22) 30.09.2018
(54) Sheet Lifter Arm Saver

(71) Matthews, N.
(21) 2018903668 (22) 26.09.2018
(54) No. 2 Variable Marine Craft

(71) Matthews, N.
(21) 2018903669 (22) 26.09.2018
(54) Basketball Including the 3x3 game and netball

(71) Matthews, N.
(21) 2018903670 (22) 26.09.2018
(54) Variable Vehicles Final. (Prov).

(71) Matthews, N.
(21) 2018903671 (22) 26.09.2018
(54) An Improved Wheel

(71) Matthews, N.
(21) 2018903672 (22) 26.09.2018
(54) Variable Surface & Shapes, Production material

(71) Matthews, N.
(21) 2018903673 (22) 26.09.2018
(54) Dump Trucks. Final. Prov.

(71) Mawson, B.; Pipkorn, D.
(21) 2018903578 (22) 24.09.2018
(54) METHOD FOR ENHANCING ASSISTED BREEDING TECHNIQUES

(71) Miles, N.
(21) 2018903693 (22) 28.09.2018
(54) A boat trailer that features a trailer bed which lowers and lifts parallel to the ground through the use of double-acting hydraulic cylinders.

(71) M K Hawker Investments Pty Ltd
(21) 2018903581 (22) 24.09.2018
(54) Apparatus and method of removing flesh from poultry

(71) MODU DATA EXCHANGE PTY LTD
(21) 2018903700 (22) 01.10.2018
(54) Offshore Load Test Device

(71) Moloney, T.
(21) 2018903660 (22) 27.09.2018
(54) Icebox drip floor

(71) Monash IVF Group Limited
(21) 2018903641 (22) 27.09.2018
(54) DNA FROM CELL-FREE MEDIUM

(71) Mulligan, T.
(21) 2018903675 (22) 28.09.2018
(54) Interchangeable and Adjustable Gaming Layout System and Controller

(71) Naser, P.
(21) 2018903682 (22) 28.09.2018
(54) Getquick any product you want from any retail shop same day with in an hour or so, find your trade person locally, have someone get your prescription or medication delivered, get someone to pick up an item from a private seller, find and locate people that can help and services you need all in one mobile app

(71) Natasha Jane Pty Ltd
(21) 2018903707 (22) 02.10.2018
(54) Method Enabling Users to Source Providers including Method Enabling Time Dependent Users to Source Provider

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(71) Natasha Jane Pty Ltd as trustee for N-J Discretionary Trust
(21) 2018903593 (22) 25.09.2018
(54) Method Enabling Time Dependent Users to Source Providers

(71) Neumann, B.
(21) 2018903710 (22) 02.10.2018
(54) Screen Shield Assembly

(71) Northcott's Organics Pty Ltd
(21) 2018903681 (22) 28.09.2018
(54) SEED COATING COMPOSITIONS AND METHODS

(71) odonnell, d.
(21) 2018903572 (22) 23.09.2018
(54) Extendable Intermodal Extendable Trailer With Self- Contained Lifting / Extending Ability

(71) Oobee Doobee and Friends Pty Ltd
(21) 2018903626 (22) 26.09.2018
(54) Story Book Compiling System

(71) ORISTAR PTY LIMITED
(21) 2018903648 (22) 27.09.2018
(54) Compact, personalized, multi language and multi character novelty blocks.

(71) Oventus Medical Limited
(21) 2018903622 (22) 26.09.2018
(54) ORAL APPLIANCE AND VALVE ARRANGEMENT

(71) Palmer, R.
(21) 2018903708 (22) 02.10.2018
(54) A RESPIRATORY PASSAGE SPRAYER AND METHOD OF USE OF SAME

(71) People Bench Pty Ltd
(21) 2018903687 (22) 28.09.2018
(54) EDUCATIONAL BENCHMARKING SYSTEM

(71) Petsure (Australia) Pty Ltd
(21) 2018903667 (22) 28.09.2018
(54) Computer-Implemented Method of Managing an Insurance Claim

(71) PFL Spaces Pty Ltd
(21) 2018903591 (22) 25.09.2018
(54) An assembly and Installation

Pipkorn, D. see Mawson, B.
(21) 2018903578

(71) Plus Teck Pty Ltd
(21) 2018903715 (22) 02.10.2018
(54) Shower Tray Construction And Method

(71) PRESTON, J.C.
(21) 2018903592 (22) 25.09.2018
(54) FACADE PANEL SYSTEM AND METHOD OF ERECTING A MULTI-STOREY STRUCTURE AND FACADE

(71) PRESTON, J.C.
(21) 2018903595 (22) 25.09.2018
(54) METHOD OF ERECTING A MULTI-STOREY STRUCTURE AND FACADE

(71) PRESTON, J.C.
(21) 2018903596 (22) 25.09.2018
(54) METHOD OF ERECTING A MULTI-STOREY STRUCTURE AND FACADE

(71) Procopis, A.
(21) 2018903694 (22) 29.09.2018
(54) The Slot It Golf Swing-Trainer is a golf training aid to help golfers achieve the correct angle-of-attack and straight swing-path 15cm immediately before and after impact with the ball

(71) Pyman, R.J.
(21) 2018903604 (22) 25.09.2018
(54) Improvements to Multifunction Solar Utility Panels

(71) Raman, A.
(21) 2018903621 (22) 26.09.2018
(54) A Process, method and system to convert Carbon dioxide into renewable synthetic natural gas (RSNG) using renewable Hydrogen and achieving Zero Carbon Emissions.

(71) RCR Tomlinson Ltd
(21) 2018903686 (22) 28.09.2018
(54) Conveyor feeder apparatus

(71) Reality IP (Aust) Pty Ltd
(21) 2018903579 (22) 24.09.2018
(54) Clamping Electronic Componentry to a Heatsink

(71) Reed Advanced Materials Pty Ltd
(21) 2018903704 (22) 01.10.2018
(54) Processing of Lithium Containing Brines

(71) Reliance Doors Pty Ltd
(21) 2018903645 (22) 27.09.2018
(54) High Load Retention System for Sectional Overhead Doors

(71) RESMED LIMITED
(21) 2018903562 (22) 21.09.2018
(54) Method and Apparatus for Providing Respiratory Therapy

(71) RESMED LIMITED
(21) 2018903634 (22) 26.09.2018
(54) Methods and apparatus for treating a respiratory disorder

(71) Richards, D.
(21) 2018903688 (22) 28.09.2018
(54) A Portable Support

(71) Royal Melbourne Institute of Technology
(21) 2018903630 (22) 26.09.2018
(54) Optical data storage material and method

(71) Rudd, A.
(21) 2018903701 (22) 01.10.2018
(54) Vehicle Hub Attachment Adaptor and Accessories Therefor

(71) Ryner, L.
(21) 2018903698 (22) 01.10.2018
(54) STORAGE SYSTEM

(71) Seeing Machines Limited
(21) 2018903678 (22) 28.09.2018
(54) Driver Attention State Estimation

(71) SIGNPOWER (AUST) PTY. LTD.
(21) 2018903606 (22) 25.09.2018
(54) A polymer compound with a resin compound same colour or various colours, illuminated or non illuminated, with the objective to shape by machine routing, laser cutting and or additional dimensional forming for the purpose of creating a signage branding product.

(71) SITESEE PTY LTD
(21) 2018903633 (22) 26.09.2018
(54) APPARATUS AND METHOD FOR THREE-DIMENSIONAL OBJECT RECOGNITION

(71) SMARTRAX PTY LTD; Irwin, L.; Smith, J.
(21) 2018903594 (22) 25.09.2018
(54) Transit frame for pallets

Smith, J. see SMARTRAX PTY LTD
(21) 2018903594

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(71) Solar Sewers Pty Ltd
(21) 2018903569 (22) 21.09.2018
(54) Improved electric motor for viscous pumping

(71) Somerville, W.
(21) 2018903638 (22) 27.09.2018
(54) Charging Device

(71) SOURCEMAN INTERNATIONAL PTY LIMITED
(21) 2018903640 (22) 27.09.2018
(54) Wireless electronic apparatus and warning system for bushfire detection

(71) Spargo, R.
(21) 2018903624 (22) 26.09.2018
(54) Strap Winder

(71) Spongebob Oil Rescue Pty Ltd
(21) 2018903679 (22) 28.09.2018
(54) Material and method for remediation of a site contaminated by an oil spill

Standen, T. see Campbell, G.
(21) 2018903637

Standen, D. see Campbell, G.
(21) 2018903637

(71) Structural Lines Pty Ltd
(21) 2018903631 (22) 26.09.2018
(54) UTILITY POLE MONITORING SYSTEM AND DEVICE

(71) SWAFFIELD, J.
(21) 2018903568 (22) 21.09.2018
(54) VISUAL INTERACTIVE RESOURCE SYSTEM

(71) Tas Roads Pty Ltd
(21) 2018903647 (22) 27.09.2018
(54) Foldable Temporary And Portable Road Sign Structure

(71) Technology Connections International Pty Ltd
(21) 2018903586 (22) 25.09.2018
(54) IMPROVEMENTS TO AUDIO PITCH PROCESSING

(71) Tecksom International Limited
(21) 2018903605 (22) 25.09.2018
(54) A BAG AND RELATED METHODS

(71) The Council of The Queensland Institute of Medical Research
(21) 2018903583 (22) 24.09.2018
(54) HIV REVERSE TRANSCRIPTASE INHIBITORS AND METHODS OF TREATMENT USING SAME

(71) THE MATHEWS ORGANIZATION PTY LTD
(21) 2018903576 (22) 24.09.2018
(54) Automated Sun Visor

(71) THE MATHEWS ORGANIZATION PTY LTD
(21) 2018903577 (22) 24.09.2018
(54) Automated Rear-View and Side Mirrors

(71) The Sponsor-Ed Group Pty Ltd
(21) 2018903697 (22) 01.10.2018
(54) BUILDING INCLUDING A CANTILEVERED STRUCTURE

(71) The Trustee for E3bates Discretionary Trust
(21) 2018903636 (22) 26.09.2018
(54) Double Seam Straw

(71) The Trustee for E3bates Discretionary Trust
(21) 2018903705 (22) 01.10.2018
(54) A formed long piece of flat material that when adhered to a surface of a container forms a tube to replace a separable straw

The University of Sydney see Macquarie University
(21) 2018903602

(71) Thompson, M.
(21) 2018903661 (22) 27.09.2018
(54) Using Quantized Inertia to generate Torque

(71) Tooth Rush Pty Ltd
(21) 2018903618 (22) 26.09.2018
(54) Device for creating a chamber around the teeth and gums

(71) Underwood Companies Holdings Pty Ltd
(21) 2018903563 (22) 21.09.2018
(54) Composite panels

(71) Underwood Companies Holdings Pty Ltd
(21) 2018903564 (22) 21.09.2018
(54) Composite panels

(71) University of Technology Sydney
(21) 2018903614 (22) 25.09.2018
(54) ANALYTE QUANTITATION

(71) University of Wollongong
(21) 2018903570 (22) 23.09.2018
(54) AN IMPLANTABLE DEVICE AND A METHOD FOR IMPLANTING SAID DEVICE IN A SUBJECT

(71) Van Sparrentak, N.; White, R.
(21) 2018903559 (22) 21.09.2018
(54) Devices and methods for measuring body tissue using acoustic waves

(71) Vertech Hume Pty Ltd
(21) 2018903609 (22) 25.09.2018
(54) MOULD LINER ARRANGEMENT

(71) WearOptimo Pty Ltd
(21) 2018903709 (22) 02.10.2018
(54) Measurement System

(71) WearOptimo Pty Ltd
(21) 2018903711 (22) 02.10.2018
(54) TREATMENT DELIVERY SYSTEM

(71) WearOptimo Pty Ltd
(21) 2018903713 (22) 02.10.2018
(54) Electrode arrangement

(71) WearOptimo Pty Ltd
(21) 2018903714 (22) 02.10.2018
(54) ACTUATOR SYSTEM

(71) WearOptimo Pty Ltd
(21) 2018903716 (22) 02.10.2018
(54) ANALYTE DETECTION SYSTEM

White, R. see Van Sparrentak, N.
(21) 2018903559

(71) WillowCo Pty Ltd
(21) 2018903582 (22) 24.09.2018
(54) TECHNOLOGY CONFIGURED TO FACILITATE MONITORING OF OPERATIONAL PARAMETERS AND MAINTENANCE CONDITIONS OF PHYSICAL INFRASTRUCTURE

(71) WIREMAN PTY LTD
(21) 2018903611 (22) 25.09.2018
(54) MODULAR FENCE STRAINER INCLUDING STRAIN GAUGE

(71) Yeomans, A.
(21) 2018903574 (22) 24.09.2018
(54) DRIVE MECHANISM AND METHOD

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(71) Zemla Pty Ltd
(21) 2018903702 (22) 01.10.2018
(54) A support, a slab assembly and a method

(71) Zen Ecosystems IP Pty Ltd
(21) 2018903635 (22) 26.09.2018
(54) METHOD AND SYSTEM FOR ENERGY MANAGEMENT

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2018903560	Automatic Technology (Australia) Pty Ltd	2018903626	Oobee Doobee and Friends Pty Ltd
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2018903562	RESMED LIMITED	2018903628	Kirkford Pty Ltd
2018903563	Underwood Companies Holdings Pty Ltd	2018903629	CK Cell Technologies Pty Ltd
2018903564	Underwood Companies Holdings Pty Ltd	2018903630	Royal Melbourne Institute of Technology
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2018903572	odonnell, d.	2018903638	Somerville, W.
2018903573	ALLWEST WELDING 68 PTY. LTD.	2018903639	Hou, C.
2018903574	Yeomans, A.	2018903640	SOURCEMAN INTERNATIONAL PTY LIMITED
2018903575	ANZ Ventures Pty Ltd	2018903641	Monash IVF Group Limited
2018903576	THE MATHEWS ORGANIZATION PTY LTD	2018903642	Babuín, D.
2018903577	THE MATHEWS ORGANIZATION PTY LTD	2018903643	Independence Group NL
2018903578	Mawson, B.; Pipkorn, D.	2018903644	Genetic Signatures Limited
2018903579	Reality IP (Aust) Pty Ltd	2018903645	Reliance Doors Pty Ltd
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2018903581	M K Hawker Investments Pty Ltd	2018903647	Tas Roads Pty Ltd
2018903582	WillowCo Pty Ltd	2018903648	ORISTAR PTY LIMITED
2018903583	The Council of The Queensland Institute of Medical Research	2018903649	FLIGHTCONTROLLER PTY LTD
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2018903588	Conquest, C.	2018903654	FLOLEVEL TECHNOLOGIES PTY LTD
2018903589	Hooper, J.	2018903655	AU ENVIRONMENTAL PTY LTD
2018903590	ASHLIN, M.	2018903656	Eleinvest (QLD) Pty Ltd; Capricorn Global Pty Ltd; Dazcorp Pty Ltd
2018903591	PFL Spaces Pty Ltd	2018903657	Garvan Institute of Medical Research
2018903592	PRESTON, J.C.	2018903658	Cape Bouvard Technologies Pty Ltd
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2018903595	PRESTON, J.C.	2018903661	Thompson, M.
2018903596	PRESTON, J.C.	2018903662	ATHLETE'S AI PTY LTD
2018903597	Ena Therapeutics Pty Ltd	2018903663	CANDY, K.
2018903598	Botanix Pharmaceuticals, Inc.	2018903664	Brett, A.
2018903599	Botanix Pharmaceuticals, Inc.	2018903665	Brett, A.
2018903600	Botanix Pharmaceuticals, Inc.	2018903666	King, A.
2018903601	Breville Pty Limited	2018903667	Petsure (Australia) Pty Ltd
2018903602	Macquarie University; The University of Sydney	2018903668	Matthews, N.
2018903603	Iron Canary Pty Ltd	2018903669	Matthews, N.
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2018903605	Tecksom International Limited	2018903671	Matthews, N.
2018903606	SIGNPOWER (AUST) PTY. LTD.	2018903672	Matthews, N.
2018903607	Bappy Care Pty Ltd	2018903673	Matthews, N.
2018903608	CCL Secure Pty Ltd	2018903674	Mafohla, T.
2018903609	Vertech Hume Pty Ltd	2018903675	Mulligan, T.
2018903610	CCL Secure Pty Ltd	2018903676	Graham Enterprises Holdings Pty Ltd
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2018903612	JODAM PTY LTD	2018903678	Seeing Machines Limited
2018903613	Greenblock Fencing Pty Ltd	2018903679	Spongebob Oil Rescue Pty Ltd
2018903614	University of Technology Sydney	2018903680	BH Biotech Pty Ltd
2018903615	Depco-TRH Pty Ltd	2018903681	Northcott's Organics Pty Ltd
2018903616	CHONG, L.	2018903682	Naser, P.
2018903617	Ho Trieu, N.	2018903683	Evacare Limited
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2018903620	Centurion International Imports Pty Ltd	2018903686	RCR Tomlinson Ltd
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2018903622	Oventus Medical Limited	2018903688	Richards, D.
2018903623	MacGregor, F.	2018903689	Liso, A.
			Australian Rig Construction Holdings Pty Ltd

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2018903691 Bradken Resources Pty Limited
2018903692 Bradken Resources Pty Limited
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2018903694 Procopis, A.
2018903695 L&L TECHNOLOGY PTY. LTD.
2018903696 Mathers, M.
2018903697 The Sponsor-Ed Group Pty Ltd
2018903698 Ryner, L.
2018903699 Bullen, J.
2018903700 MODU DATA EXCHANGE PTY LTD
2018903701 Rudd, A.
2018903702 Zemla Pty Ltd
2018903704 Reed Advanced Materials Pty Ltd
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2018903712 Adrian Stott Pty Ltd
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2018903714 WearOptimo Pty Ltd
2018903715 Plus Teck Pty Ltd
2018903716 WearOptimo Pty Ltd
2018903717 Intex Holdings Pty Ltd

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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Sep 2018 .

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

<hr/> <p>(71) Accenture Global Solutions Limited (21) 2018233014 (22) 21.09.2018 (54) CALL CENTER SYSTEM HAVING REDUCED COMMUNICATION LATENCY (31) 201741037344 (32) 23.10.17 (33) IN 16/053,361 02.08.18 US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2018236707 (22) 24.09.2018 (54) VIRTUAL ARTIFICIAL INTELLIGENCE BASED CONSULTANT (31) 62/561,818 (32) 22.09.17 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2018236724 (22) 25.09.2018 (54) METHOD AND SYSTEM FOR IMPROVING OPERATIONAL EFFICIENCY OF A TARGET SYSTEM (62) 2017202801</p> <hr/> <p>(71) Adobe Systems Incorporated (21) 2018233050 (22) 21.09.2018 (54) Accessible Audio Switching for Client Devices in an Online Conference (31) 15/826,447 (32) 29.11.17 (33) US</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2018233053 (22) 24.09.2018 (54) MULTIPLE PRESSURE MIXED REFRIGERANT COOLING SYSTEM (31) 15/718,132 (32) 28.09.17 (33) US</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2018233054 (22) 24.09.2018 (54) MULTIPLE PRESSURE MIXED REFRIGERANT COOLING PROCESS (31) 15/718,068 (32) 28.09.17 (33) US</p> <hr/> <p>(71) Align Technology, Inc. (21) 2018236686 (22) 24.09.2018 (54) A METHOD AND A SYSTEM USABLE IN CREATING A SUBSEQUENT DENTAL APPLIANCE (62) 2018202874</p> <hr/> <p>(71) ALLEGIANCE CORPORATION (21) 2018233012 (22) 21.09.2018 (54) Hydrophilic/hydrophobic aqueous polymer emulsions and products and methods relating thereto (62) 2014342368</p>	<hr/> <p>(71) Allen, J. (21) 2018233052 (22) 24.09.2018 (54) A Knife for a Stockfeed Mill (31) 2017905051 (32) 18.12.17 (33) AU</p> <hr/> <p>(71) Allergan, Inc. (21) 2018236685 (22) 24.09.2018 (54) Ocular implant made by a double extrusion process (62) 2016228285</p> <hr/> <p>(71) ALSTOM Transport Technologies (21) 2018236683 (22) 24.09.2018 (54) Railway vehicle comprising a light strip (31) 1759112 (32) 29.09.17 (33) FR</p> <hr/> <p>(71) Andritz Inc. (21) 2018233011 (22) 21.09.2018 (54) Process And System For Reducing Ringing In Lime Kilns (31) 16/133,365 (32) 17.09.18 (33) US 62/564,087 27.09.17 US</p> <hr/> <p>(71) Apollo Fire Detectors Limited (21) 2018236753 (22) 26.09.2018 (54) Conical light absorber for smoke detector (62) 2015275879</p> <hr/> <p>(71) Apple Inc. (21) 2018236687 (22) 24.09.2018 (54) Portable computer unified top case (62) 2016204349</p> <hr/> <p>(71) Apple Inc. (21) 2018236870 (22) 28.09.2018 (54) Methods and interfaces for home media control (62) 2018223051</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018233027 (22) 21.09.2018 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE (31) 2017903936 (32) 28.09.17 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018233037 (22) 21.09.2018</p>	<hr/> <p>(54) Method, device, and system for gaming (31) 2017903932 (32) 28.09.17 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018236720 (22) 25.09.2018 (54) INSTANT LOTTERY GAME (62) 2016247210</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018236733 (22) 25.09.2018 (54) Game interruption and reconnection management (62) 2016250486</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2018236750 (22) 26.09.2018 (54) AN ELECTRONIC METHOD OF GAMING, AN ELECTRONIC GAMING SYSTEM AND A GAME CONTROLLER (31) 2017903931 (32) 28.09.17 (33) AU</p> <hr/> <p>Baxter Healthcare SA see Baxter International Inc (21) 2018236688</p> <hr/> <p>(71) Baxter International Inc; Baxter Healthcare SA (21) 2018236688 (22) 24.09.2018 (54) SYSTEM AND METHOD TO EFFICIENTLY CLEAN A BLOOD FILTER (62) 2014205646</p> <hr/> <p>(71) BCS S.p.A. (21) 2018236728 (22) 25.09.2018 (54) Motor driven welder and control method thereof (31) 102017000106957 (32) 25.09.17 (33) IT</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2018233045 (22) 21.09.2018 (54) Enhanced platen for pharmaceutical compounding (62) 2015315351</p> <hr/> <p>(71) Beijing Apollo Ding Rong Solar Technology Co., Ltd. (21) 2018236736 (22) 25.09.2018</p>
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(54) Multi-element alloy compound, ink and film absorption layer thereof, and methods for preparing the same
(31) 201711079613.9 (32) 06.11.17 (33) CN

(71) Beijing Apollo Ding Rong Solar Technology Co., Ltd.
(21) 2018236863 (22) 28.09.2018
(54) Composite Material, Chemical Bath Deposition Method And Method For Manufacturing Cigs Photovoltaic Module
(31) 201810209148.4 (32) 14.03.18 (33) CN

(71) Beijing Hanergy Solar Power Investment Co., Ltd.
(21) 2018233048 (22) 21.09.2018
(54) Power Generation Mechanism And Method For Manufacturing The Same, Power Generational Apparatus
(31) 201820682684.1 (32) 08.05.18 (33) CN
201820677691.2 08.05.18 CN
201810433708.4 08.05.18 CN

(71) Beijing Hanergy Solar Power Investment Co., Ltd.
(21) 2018236741 (22) 25.09.2018
(54) Solar Cell Module And Solar Photoelectric Curtain Wall
(31) 201820677682.3 (32) 08.05.18 (33) CN
201820677691.2 08.05.18 CN

(71) Beijing Hanergy Solar Power Investment Co., Ltd.
(21) 2018236743 (22) 25.09.2018
(54) Method And Device For Controlling Solar Energy System, Central Controller And Solar Energy System
(31) 201810557032.X (32) 01.06.18 (33) CN

(71) Beijing Juntai Innovation Technology Co., Ltd.
(21) 2018233056 (22) 24.09.2018
(54) Heterojunction solar cell and fabrication method thereof
(31) 201711397697.0 (32) 21.12.17 (33) CN

(71) BIOLITEC UNTERNEHMENSBETEILIGUNGS II AG
(21) 2018236700 (22) 24.09.2018
(54) VAGINAL REMODELING/REJUVENATION DEVICE AND METHOD
(62) 2016259422

(71) Biomedical Research Models, Inc.
(21) 2018236682 (22) 24.09.2018
(54) THERAPEUTIC VACCINES FOR TREATING HERPES SIMPLEX VIRUS TYPE 2 INFECTIONS
(62) 2014203873

(71) Biosense Webster (Israel) Ltd.
(21) 2018236711 (22) 25.09.2018

(54) METHOD AND SYSTEM FOR GAP DETECTION IN ABLATION LINES
(31) 15/799,254 (32) 31.10.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018236713 (22) 25.09.2018
(54) INTERACTIVE DISPLAY OF SELECTED ECG CHANNELS
(31) 15/722,667 (32) 02.10.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018236714 (22) 25.09.2018
(54) BASELINE IMPEDANCE MAPS FOR TISSUE PROXIMITY INDICATIONS
(31) 15/788,286 (32) 19.10.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018236715 (22) 25.09.2018
(54) MIDDLE POINT ZERO REFERENCE
(31) 15/723,419 (32) 03.10.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018236716 (22) 25.09.2018
(54) ESOPHAGEAL PROBE WITH TRANSMITTING COILS
(31) 15/764,287 (32) 26.10.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018236717 (22) 25.09.2018
(54) CATHETER WITH IMPROVED TEMPERATURE RESPONSE
(31) 15/793,433 (32) 25.10.17 (33) US

(71) Black Gold Coin, Inc.
(21) 2018236721 (22) 25.09.2018
(54) SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION
(62) 2016400090

(71) Black Gold Coin, Inc.
(21) 2018236722 (22) 25.09.2018
(54) SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION
(62) 2016400090

(71) Black Gold Coin, Inc.
(21) 2018236723 (22) 25.09.2018
(54) SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION
(62) 2016400090

(71) Black Gold Coin, Inc.
(21) 2018236747 (22) 26.09.2018
(54) SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED

MULTIFACTOR PERSONAL IDENTITY VERIFICATION
(62) 2016400090

(71) Blinxel Pty Ltd
(21) 2018233015 (22) 21.09.2018
(54) System and method for image processing
(62) 2016292954

(71) Boehringer Ingelheim International GmbH
(21) 2018236692 (22) 24.09.2018
(54) Anti-IL-23 antibodies
(62) 2016273970

(71) Boston Biomedical, Inc.
(21) 2018233033 (22) 21.09.2018
(54) 3-(Aryl Or Heteroaryl) Methyleneindolin-2-One Derivatives As Inhibitors Of Cancer Stem Cell Pathway Kinases For The Treatment Of Cancer
(62) 2014243869

(71) Canon Kabushiki Kaisha
(21) 2018233042 (22) 21.09.2018
(54) Method, apparatus and system for encoding and decoding a tree of blocks of video samples

(71) CareFusion 303, Inc.
(21) 2018236704 (22) 24.09.2018
(54) Tailless needleless valve system
(62) 2013341543

(71) Carill Pty Ltd
(21) 2018236751 (22) 26.09.2018
(54) Emergency Communication System
(31) 2017904092 (32) 10.10.17 (33) AU

(71) Carl Zeiss Vision International GmbH
(21) 2018236745 (22) 26.09.2018
(54) METHOD AND DEVICE FOR ESTABLISHING A TARGET DESIGN
(31) 15/722,706 (32) 02.10.17 (33) US

(71) Cayman Chemical Company Incorporated
(21) 2018233009 (22) 21.09.2018
(54) Methods of synthesizing a prostacyclin analog
(62) 2013355130

(71) Celgene Corporation; Washington University
(21) 2018236696 (22) 24.09.2018
(54) Activin-ActRII antagonists and uses for treating bone and other disorders
(62) 2013337677

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<p>(71) Cellcontrol, Inc. (21) 2018236865 (22) 28.09.2018 (54) Driver identification and data collection systems for use with mobile communication devices in vehicles (62) 2014262567</p>	<p>(54) METHOD AND ELECTRONIC DEVICE FOR CREATING A CUSTOMIZED OBJECT (31) 106134390 (32) 05.10.17 (33) TW</p>	<p>(71) Easy Lay Flooring Pty Ltd (21) 2018236708 (22) 25.09.2018 (54) Panel (31) 2017903905 (32) 26.09.17 (33) AU</p>
<p>(71) Collectis (21) 2018236867 (22) 28.09.2018 (54) Methods for engineering allogeneic and immunosuppressive resistant T cell for immunotherapy (62) 2013266733</p>	<p>(71) Daylight Medical, Inc. (21) 2018233026 (22) 21.09.2018 (54) Object decontamination apparatus and method (62) 2015339024</p>	<p>(71) Ecolab USA Inc. (21) 2018233043 (22) 21.09.2018 (54) Water hardness monitoring via fluorescence (62) 2014242259</p>
<p>(71) CERx Pharmacy Partners, LP (21) 2018233018 (22) 21.09.2018 (54) On site prescription management system and methods for health care facilities (62) 2016266074</p>	<p>(71) Deciphera Pharmaceuticals, LLC (21) 2018236691 (22) 24.09.2018 (54) N-ACYL-N'-(PYRIDIN-2-YL) UREAS AND ANALOGS EXHIBITING ANTI-CANCER AND ANTI-PROLIFERATIVE ACTIVITIES (62) 2014233414</p>	<p>(71) Edgewell Personal Care Brands, LLC (21) 2018233029 (22) 21.09.2018 (54) Package Assembly for or with a Tampon Applicator (62) 2016277611</p>
<p>(71) Channel Medsystems, Inc. (21) 2018233046 (22) 21.09.2018 (54) LINER FOR CYROGENIC TREATMENT SYSTEMS (62) 2014321567</p>	<p>(71) DEKA Products Limited Partnership (21) 2018236762 (22) 26.09.2018 (54) Apparatus for controlling fluid flow (62) 2016269551</p>	<p>(71) EISAI R&D MANAGEMENT CO LTD (21) 2018236755 (22) 26.09.2018 (54) ANTI-FOLATE RECEPTOR ALPHA ANTIBODIES AND USES THEREOF (62) 2017202365</p>
<p>(71) Clearwater Seafoods Limited Partnership (21) 2018233044 (22) 21.09.2018 (54) Emerged shellfish storage (62) 2016247048</p>	<p>(71) Denso Corporation; Toyota Jidosha Kabushiki Kaisha (21) 2018236752 (22) 26.09.2018 (54) Driving assistance apparatus and driving assistance method (31) 2017-189138 (32) 28.09.17 (33) JP</p>	<p>(71) Epizyme, Inc. (21) 2018233004 (22) 21.09.2018 (54) METHODS OF TREATING CANCER (62) 2013331368</p>
<p>(71) CORIN LIMITED (21) 2018233036 (22) 21.09.2018 (54) A METHOD INCORPORATING COMPUTERIMPLEMENTED STEPS, FOR PROVIDING ALIGNMENT INFORMATION DATA FOR THE ALIGNMENT OF AN ORTHOPAEDIC IMPLANT FOR A JOINT OF A PATIENT (62) 2016210600</p>	<p>(71) Dolby International AB (21) 2018233019 (22) 21.09.2018 (54) Video decoder with reduced dynamic range transform with inverse transform shifting memory (62) 2016219700</p>	<p>(71) EPTEO (21) 2018236744 (22) 25.09.2018 (54) BREATHING AID ATTACHMENT FOR SWIMMER, SWIMMING DEVICE, GOGGLES AND MASK, GOGGLE SEAL (62) 2013217458</p>
<p>(71) Covidien LP (21) 2018233028 (22) 21.09.2018 (54) Pathway planning system and method (62) 2014201318</p>	<p>(71) Dolby International AB (21) 2018236757 (22) 26.09.2018 (54) MDCT-Based Complex Prediction Stereo Coding (62) 2016222372</p>	<p>(71) Equinix, Inc. (21) 2018236712 (22) 25.09.2018 (54) Interconnection platform for real-time configuration and management of a cloud-based services exchange (62) 2015338902</p>
<p>(71) Covidien LP (21) 2018236735 (22) 25.09.2018 (54) Microwave energy-delivery device and system (62) 2014201395</p>	<p>(71) Dow AgroSciences LLC (21) 2018233057 (22) 24.09.2018 (54) Systems and methods for controlling pest infestation of a woody plant (62) 2017204284</p>	<p>(71) Flexopack S.A. (21) 2018236911 (22) 02.10.2018 (54) MULTILAYER CLING FILM (31) 17194425.9 (32) 02.10.17 (33) EP 17197775.4 23.10.17 EP</p>
<p>(71) CSR Building Products Limited (21) 2018236698 (22) 24.09.2018 (54) Ventilator (62) 2014201997</p>	<p>(71) E. I. du Pont de Nemours and Company (21) 2018236730 (22) 25.09.2018 (54) FOAM EXPANSION AGENT COMPOSITIONS CONTAINING HYDROHALOLEFIN AND WATER AND THEIR USES IN THE PREPARATION OF POLYURETHANE AND POLYSOCYANURATE POLYMER FOAMS (62) 2017204059</p>	<p>(71) General Electric Company (21) 2018236760 (22) 26.09.2018 (54) SYSTEMS AND METHODS FOR IMPROVED PHYSIOLOGICAL MONITORING (62) 2015361028</p>
<p>(71) Customized Technology Co., Ltd. (21) 2018236746 (22) 26.09.2018</p>	<p>(71) GE Video Compression, LLC (21) 2018236689 (22) 24.09.2018 (54) Video data stream concept (62) 2016204304</p>	

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(71) Gilead Sciences, Inc.
 (21) 2018236701 (22) 24.09.2018
 (54) Polycyclic-carbamoylpyridone compounds and their use for the treatment of HIV infections
 (62) 2014286995

(71) Gilead Sciences, Inc.
 (21) 2018236719 (22) 25.09.2018
 (54) Apoptosis signal-regulating kinase inhibitor
 (62) 2017201650

(71) Gilead Sciences, Inc.
 (21) 2018236731 (22) 25.09.2018
 (54) Polycyclic-carbamoylpyridone compounds and their use for the treatment of HIV infections
 (62) 2014286993

(71) Glory Ltd.; Toppan Printing Co., Ltd.
 (21) 2018233022 (22) 21.09.2018
 (54) Counterfeit prevention structure and counterfeit prevention medium
 (31) 2017-181935 (32) 22.09.17 (33) JP

(71) Halozyme, Inc.
 (21) 2018236742 (22) 25.09.2018
 (54) COMPOSITIONS OF ADENOSINE DEAMINASE-2 (ADA2), VARIANTS THEREOF AND METHODS OF USING SAME
 (62) 2015332533

(71) Harnischfeger Technologies, Inc.
 (21) 2018233010 (22) 21.09.2018
 (54) Liner system for a dipper
 (62) 2014334599

(71) Henkel IP & Holding GmbH
 (21) 2018236770 (22) 26.09.2018
 (54) Aqueous detergent compositions
 (62) 2016298269

(71) Highline Manufacturing Ltd.
 (21) 2018236765 (22) 26.09.2018
 (54) Bale turning apparatus for a bale processor
 (62) 2017200297

(71) IGT
 (21) 2018236732 (22) 25.09.2018
 (54) SYSTEM AND METHOD FOR CO-ORDINATING TRANSACTIONS INVOLVING CASHLESS WAGERING ACCOUNTS AND GAMING ESTABLISHMENT RETAIL ACCOUNTS
 (31) 16/135,817 (32) 19.09.18 (33) US
 62/565,454 29.09.17 US

(71) inovia Holdings Pty Ltd
 (21) 2018236729 (22) 25.09.2018

(54) Computer system for instructing an intellectual property (IP) filing
 (62) 2012327867

(71) Intensive Care On-Line Network, Inc.
 (21) 2018233023 (22) 21.09.2018
 (54) On-line healthcare consultation services system and method of using same
 (62) 2016201473

(71) Intercast & Forge Pty Limited
 (21) 2018233038 (22) 21.09.2018
 (54) A MULTI TOOL
 (31) 2017903834 (32) 21.09.17 (33) AU

(71) Ionis Pharmaceuticals, Inc.
 (21) 2018236699 (22) 24.09.2018
 (54) METHODS AND COMPOSITIONS FOR MODULATING APOLIPOPROTEIN(A) EXPRESSION
 (62) 2017200277

(71) J & S Joyce Pty Ltd
 (21) 2018236705 (22) 24.09.2018
 (54) Improvements in Building Construction
 (31) 2017903876 (32) 23.09.17 (33) AU

(71) Janssen Sciences Ireland UC
 (21) 2018236703 (22) 24.09.2018
 (54) Pyrimidine derivatives for the treatment of viral infections
 (62) 2016256732

(71) Jimten, S.A.
 (21) 2018236772 (22) 26.09.2018
 (54) CONTROL DEVICE FOR SANITARY IMPELLER APPARATUS PUMP
 (31) U 201731125 (32) 27.09.17 (33) ES

(71) Johnson & Johnson Vision Care, Inc.
 (21) 2018236754 (22) 26.09.2018
 (54) Connectors and Encasement for Personal Hygiene Product with a Digital Element
 (31) 62/569,744 (32) 09.10.17 (33) US

(71) KT Corporation
 (21) 2018236766 (22) 26.09.2018
 (54) Method for inducing a merge candidate block and device using same
 (62) 2016228184

(71) KT Corporation
 (21) 2018236767 (22) 26.09.2018
 (54) Method for inducing a merge candidate block and device using same
 (62) 2016228184

(71) KT Corporation
 (21) 2018236768 (22) 26.09.2018

(54) Method for inducing a merge candidate block and device using same
 (62) 2016228184

(71) KT Corporation
 (21) 2018236769 (22) 26.09.2018
 (54) Method for inducing a merge candidate block and device using same
 (62) 2016228184

(71) LG Electronics Inc.
 (21) 2018233041 (22) 21.09.2018
 (54) Water purifying apparatus and filter structure
 (62) 2017200730

(71) LifeCell Corporation
 (21) 2018236910 (22) 02.10.2018
 (54) Methods of removing alpha-galactose
 (62) 2014341866

Mackintosh, C. see Mackintosh, I.
 (21) 2018233002

(71) Mackintosh, I.; Mackintosh, C.
 (21) 2018233002 (22) 20.09.2018
 (54) Insulated bottle holder
 (62) 2015274809

(71) Maestrano Pty Ltd.
 (21) 2018236737 (22) 25.09.2018
 (54) Systems and methods for event driven object management and distribution among multiple client applications
 (62) 2016234939

(71) MarketMakers (Aust.) Pty Ltd
 (21) 2018236907 (22) 02.10.2018
 (54) Curtain cord guide
 (31) 2017904268 (32) 23.10.17 (33) AU

(71) MASSEY UNIVERSITY
 (21) 2018236759 (22) 26.09.2018
 (54) MODULAR ROBOT
 (31) 735840 (32) 26.09.17 (33) NZ

(71) MasterCard International Incorporated
 (21) 2018236695 (22) 24.09.2018
 (54) METHOD AND SYSTEM FOR SOCIAL NETWORK INITIATED REWARDS
 (62) 2013318061

(71) MCC (XIANG TAN) MINING EQUIPMENT LLC
 (21) 2018233039 (22) 21.09.2018
 (54) A MINING DUMP TRUCK
 (62) 2016210703

(71) Mesoblast, Inc.
 (21) 2018236748 (22) 26.09.2018

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(54) Method of treating graft versus host disease
(62) 2016219565

(71) Miasolé Equipment Integration (Fujian) Co., Ltd.
(21) 2018236740 (22) 25.09.2018
(54) Cutter And Method For Machining Tubular Component
(31) 201721358548.9 (32) 20.10.17 (33) CN

(71) MiaSole Photovoltaic Technology Co., Ltd.
(21) 2018233017 (22) 21.09.2018
(54) Tarpaulin solar energy generation system and solar tent
(31) 201820791630.9 (32) 25.05.18 (33) CN

(71) Millennium Pharmaceuticals, Inc.
(21) 2018233007 (22) 21.09.2018
(54) Proteasome inhibitors
(62) 2016253697

(71) Motorola Solutions, Inc.
(21) 2018233006 (22) 21.09.2018
(54) SIDEHAUL MINIMIZATION BY DROPPING AND RECONNECTING A MOBILE DEVICE THAT HAS HANDED OFF
(31) 15/716,805 (32) 27.09.17 (33) US

(71) NELSON IRRIGATION CORPORATION
(21) 2018233016 (22) 21.09.2018
(54) VISCOUS ROTATIONAL SPEED CONTROL DEVICE
(62) 2016206817

(71) NetComm Wireless Limited
(21) 2018236764 (22) 26.09.2018
(54) A DEVICE FOR MODELLING A CABLE PLANT

(71) Nextleaf Solutions Ltd.
(21) 2018236697 (22) 24.09.2018
(54) Cannabinoid extraction process and system
(31) 15/721,344 (32) 29.09.17 (33) US

(71) NORITZ CORPORATION
(21) 2018236690 (22) 24.09.2018
(54) EXTERIOR CASE FOR HOT WATER UNIT
(31) 2017183446 (32) 25.09.17 (33) JP
2017228109 28.11.17 JP

(71) Novomatic AG
(21) 2018233025 (22) 21.09.2018
(54) Gaming machine, system and method for playing a feature game
(62) 2016247204

(71) Optimedica Corporation
(21) 2018236906 (22) 02.10.2018
(54) Free floating patient interface for laser surgery system
(62) 2014249863

(71) Pharmacyclics LLC
(21) 2018233032 (22) 21.09.2018
(54) TEC family kinase inhibitor adjuvant therapy
(62) 2013337663

(71) Pierotti, E.
(21) 2018236903 (22) 02.10.2018
(54) Animal Feed Supplement
(31) 2017904041 (32) 06.10.17 (33) AU

(71) Placon Therapeutics, Inc.
(21) 2018236864 (22) 28.09.2018
(54) Platinum compounds, compositions, and uses thereof
(62) 2015280204

(71) President and Fellows of Harvard College
(21) 2018233049 (22) 21.09.2018
(54) ENHANCING DIAGNOSIS OF DISORDER THROUGH ARTIFICIAL INTELLIGENCE AND MOBILE HEALTH TECHNOLOGIES WITHOUT COMPROMISING ACCURACY
(62) 2012329088

(71) Primitive LLC
(21) 2018233020 (22) 21.09.2018
(54) Roof report generation
(31) 62/651,997 (32) 03.04.18 (33) US
62/561,299 21.09.17 US

(71) Primitive LLC
(21) 2018233021 (22) 21.09.2018
(54) Parcel change detection
(31) 62/561,291 (32) 21.09.17 (33) US

(71) Quantax Pty Ltd
(21) 2018233034 (22) 21.09.2018
(54) Improved Anchor Assembly for Groutable Bolts
(62) 2014240263

(71) Robert Bosch GmbH
(21) 2018236709 (22) 25.09.2018
(54) HEATING DEVICE WITH A HOLDING DEVICE FOR RECORDING A CONTROL UNIT
(31) 102017221498.8 (32) 30.11.17 (33) DE

(71) Robert Bosch GmbH
(21) 2018236710 (22) 25.09.2018

(54) HEATING DEVICE WITH A HOLDING DEVICE FOR RECORDING A CONTROL UNIT
(31) 102017221524.0 (32) 30.11.17 (33) DE

(71) Robert Bosch GmbH
(21) 2018236718 (22) 25.09.2018
(54) HEATING DEVICE WITH A HOLDING DEVICE FOR RECORDING A CONTROL UNIT
(31) 102017221520.8 (32) 30.11.17 (33) DE

(71) S.C. Johnson & Son, Inc.
(21) 2018233040 (22) 21.09.2018
(54) Fluid application system and method
(62) 2016204026

(71) S & B Summers Pty Ltd
(21) 2018236706 (22) 24.09.2018
(54) Grip & Go is a cargo/ trunk organizer that can be used to secure goods, big or small, in order not to fall around in the trunk or in the vehicle itself. It is in a brick like form, soft and washable. It is also safe for children to use.

(71) S&C Electric Company
(21) 2018233031 (22) 21.09.2018
(54) DROPOUT RECLOSER
(62) 2016208304

(71) S&C Electric Company
(21) 2018236771 (22) 26.09.2018
(54) DISTRIBUTED ENERGY STORAGE SYSTEM AND METHOD OF DISTRIBUTING ENERGY
(62) 2016250369

(71) Safe Foods Corporation
(21) 2018236773 (22) 26.09.2018
(54) Antimicrobial application system with recycle and capture
(62) 2015328488

(71) Samsung Electronics Co., Ltd.
(21) 2018236694 (22) 24.09.2018
(54) AUDIO PROVIDING APPARATUS AND AUDIO PROVIDING METHOD
(62) 2016238969

(71) Seeley International Pty Ltd
(21) 2018236727 (22) 25.09.2018
(54) Evaporative media pad with reduced internal spacing
(31) 15/788,958 (32) 20.10.17 (33) US

(71) Shin-Etsu Chemical Co., Ltd.
(21) 2018236758 (22) 26.09.2018
(54) Deodorizing/antibacterial/antifungal agent, method of preparation thereof,

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and member having deodorizing/anti-bacterial/antifungal agent on surface
(31) 2017-190160 **(32)** 29.09.17 **(33)** JP

(71) Shin-Etsu Chemical Co., Ltd.
(21) 2018236774 **(22)** 26.09.2018
(54) Photocatalyst/alloy fine-particle dispersion having antibacterial/antifungal properties, method of preparation thereof, and member having photocatalyst/alloy thin film on surface
(31) 2017-190061 **(32)** 29.09.17 **(33)** JP

(71) Smiths Medical ASD, Inc.
(21) 2018236693 **(22)** 24.09.2018
(54) Medication safety devices and methods
(62) 2014209383

(71) Someones Group Intellectual Property Holdings Pty Ltd
(21) 2018236702 **(22)** 24.09.2018
(54) METHOD, SYSTEM AND CONTROLLER FOR PROVIDING GOODS AND/OR SERVICES TO CONSUMERS
(62) 2016259355

(71) SpaceCo Business Solutions, Inc.
(21) 2018236866 **(22)** 28.09.2018
(54) System for reducing injury from pinch zones in adjustable height work surface assemblies
(31) 62/566,913 **(32)** 02.10.17 **(33)** US

(71) Surfacide, LLC
(21) 2018236761 **(22)** 26.09.2018
(54) HARD SURFACE DISINFECTION SYSTEM AND METHOD
(62) 2016259410

(71) Techtronic Outdoor Products Technology Limited
(21) 2018233030 **(22)** 21.09.2018
(54) An interface for a power tool
(62) 2012385408

(71) Techway Industrial Co., Ltd.
(21) 2018233008 **(22)** 21.09.2018
(54) Twin hammer impact tool
(31) 107117860 **(32)** 25.05.18 **(33)** TW

(71) Texas Heart Institute
(21) 2018236756 **(22)** 26.09.2018
(54) AGONISTS THAT ENHANCE BINDING OF INTEGRIN-EXPRESSING CELLS TO INTEGRIN RECEPTORS
(62) 2017201804

(71) Texas Heart Institute
(21) 2018236763 **(22)** 26.09.2018

(54) AGONISTS THAT ENHANCE BINDING OF INTEGRIN-EXPRESSING CELLS TO INTEGRIN RECEPTORS
(62) 2017201804

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2018236684 **(22)** 24.09.2018
(54) SYSTEMS AND METHODS FOR TREATMENT OF DRY EYE
(62) 2017204067

(71) The Boeing Company
(21) 2018236868 **(22)** 28.09.2018
(54) Apparatus and method for manufacturing liquid molded composites using a discrete network of tool surface resin distribution grooves
(31) 15/819,862 **(32)** 21.11.17 **(33)** US

(71) The Boots Company plc
(21) 2018236734 **(22)** 25.09.2018
(54) Method of selecting the colour of cosmetic products
(62) 2015294657

(71) The Regents of The University of California
(21) 2018236725 **(22)** 25.09.2018
(54) Adeno-associated virus virions with variant capsid and methods of use thereof
(62) 2016273850

(71) Thomas, J.
(21) 2018233035 **(22)** 21.09.2018
(54) Foldable Portable Lamp
(31) 62/561,742 **(32)** 22.09.17 **(33)** US
 15/893,123 09.02.18 US

Toppan Printing Co., Ltd. see Glory Ltd.
(21) 2018233022

(71) Toris, G.G.
(21) 2018233051 **(22)** 22.09.2018
(54) FISHING LURE WITH MAGNETIC HOLDER TO RELEASABLY RETAIN BELLY HOOK IN STINGER POSITION
(31) 15/783,764 **(32)** 13.10.17 **(33)** US

Toyota Jidosha Kabushiki Kaisha see Denso Corporation
(21) 2018236752

(71) Transtech Research Pty Ltd
(21) 2018233005 **(22)** 21.09.2018
(54) AN ASSEMBLY FOR DIRECTING THE OUTFLOW OF AIR FROM A REFRIGERATION UNIT INTO A PAYLOAD SPACE OF A FREIGHT VEHICLE, FREIGHT CONTAINER OR RAIL CAR
(31) 2017904231 **(32)** 19.10.17 **(33)** AU

(71) UNISYS CORPORATION
(21) 2018233003 **(22)** 20.09.2018
(54) IPSEC CONNECTION TO PRIVATE NETWORKS
(62) 2016247191

(71) Vale S.A.
(21) 2018233047 **(22)** 21.09.2018
(54) Apparatus and method for data acquisition
(31) 2980061 **(32)** 22.09.17 **(33)** CA

(71) Vale S.A.
(21) 2018233055 **(22)** 24.09.2018
(54) Control system and control method for rotary car dumpers
(31) 102017020555-0 **(32)** 26.09.17 **(33)** BR

(71) Vynco Industries (N.Z.) Limited
(21) 2018236909 **(22)** 02.10.2018
(54) A Lighting Module and System

Washington University see Celgene Corporation
(21) 2018236696

(71) Weber-Stephen Products LLC
(21) 2018236739 **(22)** 25.09.2018
(54) Single valve for gas grill with multiple burners
(31) 15/695,123 **(32)** 25.09.17 **(33)** US

(71) Xyleco, Inc.
(21) 2018233024 **(22)** 21.09.2018
(54) Reconfigurable Processing Enclosures
(62) 2014225488

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2018233025	Novomatic AG	2018236716	Biosense Webster (Israel) Ltd.
2018233026	Daylight Medical, Inc.	2018236717	Biosense Webster (Israel) Ltd.
2018233027	Aristocrat Technologies Australia Pty Limited	2018236718	Robert Bosch GmbH
2018233028	Covidien LP	2018236719	Gilead Sciences, Inc.
2018233029	Edgewell Personal Care Brands, LLC	2018236720	Aristocrat Technologies Australia Pty Limited
2018233030	Techtronic Outdoor Products Technology Limited	2018236721	Black Gold Coin, Inc.
2018233031	S&C Electric Company	2018236722	Black Gold Coin, Inc.
2018233032	Pharmacyclics LLC	2018236723	Black Gold Coin, Inc.
2018233033	Boston Biomedical, Inc.	2018236724	Accenture Global Solutions Limited
2018233034	Quantax Pty Ltd	2018236725	The Regents of The University of California
2018233035	Thomas, J.	2018236727	Seeley International Pty Ltd
2018233036	CORIN LIMITED	2018236728	BCS S.p.A.
2018233037	Aristocrat Technologies Australia Pty Limited	2018236729	inovia Holdings Pty Ltd
2018233038	InterCast & Forge Pty Limited	2018236730	E. I. du Pont de Nemours and Company
2018233039	MCC (XIANG TAN) MINING EQUIPMENT LLC	2018236731	Gilead Sciences, Inc.
2018233040	S.C. Johnson & Son, Inc.	2018236732	IGT
2018233041	LG Electronics Inc.	2018236733	Aristocrat Technologies Australia Pty Limited
2018233042	Canon Kabushiki Kaisha	2018236734	The Boots Company plc
2018233043	Ecolab USA Inc.	2018236735	Covidien LP
2018233044	Clearwater Seafoods Limited Partnership	2018236736	Beijing Apollo Ding Rong Solar Technology Co., Ltd.
2018233045	Becton, Dickinson and Company	2018236737	Maestrano Pty Ltd.
2018233046	Channel Medsystems, Inc.	2018236739	Weber-Stephen Products LLC
2018233047	Vale S.A.	2018236740	Miasolé Equipment Integration (Fujian) Co., Ltd.
2018233048	Beijing Hanergy Solar Power Investment Co., Ltd.	2018236741	Beijing Hanergy Solar Power Investment Co., Ltd.
2018233049	President and Fellows of Harvard College	2018236742	Halozyme, Inc.
2018233050	Adobe Systems Incorporated	2018236743	Beijing Hanergy Solar Power Investment Co., Ltd.
2018233051	Toris, G.G.	2018236744	EPTEO
2018233052	Allen, J.	2018236745	Carl Zeiss Vision International GmbH
2018233053	Air Products and Chemicals, Inc.	2018236746	Customized Technology Co., Ltd.
2018233054	Air Products and Chemicals, Inc.	2018236747	Black Gold Coin, Inc.
2018233055	Vale S.A.	2018236748	Mesoblast, Inc.
2018233056	Beijing Juntai Innovation Technology Co., Ltd.	2018236750	Aristocrat Technologies Australia Pty Limited
2018233057	Dow AgroSciences LLC	2018236751	Carill Pty Ltd
2018236682	Biomedical Research Models, Inc.	2018236752	Denso Corporation; Toyota Jidosha Kabushiki Kaisha
2018236683	ALSTOM Transport Technologies	2018236753	Apollo Fire Detectors Limited
2018236684	The Board of Trustees of the Leland Stanford Junior University	2018236754	Johnson & Johnson Vision Care, Inc.
2018236685	Allergan, Inc.	2018236755	EISAI R&D MANAGEMENT CO LTD
2018236686	Align Technology, Inc.	2018236756	Texas Heart Institute
2018236687	Apple Inc.	2018236757	Dolby International AB
2018236688	Baxter International Inc; Baxter Healthcare SA	2018236758	Shin-Etsu Chemical Co., Ltd.
2018236689	GE Video Compression, LLC	2018236759	MASSEY UNIVERSITY
2018236690	NORITZ CORPORATION	2018236760	General Electric Company
2018236691	Deciphera Pharmaceuticals, LLC	2018236761	Surfacide, LLC
2018236692	Boehringer Ingelheim International GmbH	2018236762	DEKA Products Limited Partnership
2018236693	Smiths Medical ASD, Inc.	2018236763	Texas Heart Institute
		2018236764	NetComm Wireless Limited

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2018236765 Highline Manufacturing Ltd.
2018236766 KT Corporation
2018236767 KT Corporation
2018236768 KT Corporation
2018236769 KT Corporation
2018236770 Henkel IP & Holding GmbH
2018236771 S&C Electric Company
2018236772 Jimten, S.A.
2018236773 Safe Foods Corporation
2018236774 Shin-Etsu Chemical Co., Ltd.
2018236863 Beijing Apollo Ding Rong Solar Technology Co., Ltd.
2018236864 Placon Therapeutics, Inc.
2018236865 Cellcontrol, Inc.
2018236866 SpaceCo Business Solutions, Inc.
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2018236868 The Boeing Company
2018236870 Apple Inc.
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2018236906 Optimedica Corporation
2018236907 MarketMakers (Aust.) Pty Ltd
2018236909 Vynco Industries (N.Z.) Limited
2018236910 LifeCell Corporation
2018236911 Flexopack S.A.

Innovation Patent Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Sep 2018 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101419 (22) 22.09.2018 (54) Corrosion inhibitor hydrolyzed poly-maleic anhydride production plant (31) 2017109881412 (32) 21.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101420 (22) 22.09.2018 (54) Flocculant polymeric aluminum production plant (31) 2017109834229 (32) 21.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101421 (22) 22.09.2018 (54) Coagulant polyferric sulfate production plant (31) 2017109773225 (32) 21.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101422 (22) 22.09.2018 (54) Coagulant anhydrous ammonium sulphate production plant (31) 2017109755848 (32) 21.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101423 (22) 22.09.2018 (54) Adsorbent cationic polyacrylamide production plant (31) 2017109923307 (32) 23.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101424 (22) 22.09.2018 (54) Water treatment agent starch graft copolymer production plant (31) 2017109922037 (32) 23.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101425 (22) 23.09.2018 (54) Emulsion dispersant 2-sodium acrylate homopolymer production plant (31) 2017109922696 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101426 (22) 23.09.2018 (54) Antistatic agent dodecyl benzyl trimethyl ammonium chloride production plant (31) 2017109934886 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101427 (22) 23.09.2018</p>	<p>(54) Fungicide diclofen drugs production plant (31) 2017111620637 (32) 21.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101428 (22) 23.09.2018 (54) Rubber chlorinating agent chloroisocyanuric acid production plant (31) 2017111643323 (32) 21.11.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101429 (22) 23.09.2018 (54) Fungicide potassium ferrate production plant (31) 2017109934890 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101430 (22) 23.09.2018 (54) PO type tanning agent production plant (31) 2017109922056 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101431 (22) 23.09.2018 (54) Mordant tannic acid production plant (31) 2017109922709 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101432 (22) 23.09.2018 (54) Light leather tanning agent synthetic tanning agent No.6 production plant (31) 2017109937846 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101433 (22) 23.09.2018 (54) Chemical additive synthetic tanning agent No.7 production plant (31) 2017109925497 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Mo Ni Ta Technology Co., Ltd. (21) 2018101434 (22) 23.09.2018 (54) Synthetic tanning agent No.29 production plant (31) 2017109989713 (32) 24.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101405 (22) 22.09.2018 (54) Flavor enhancer disodium guanylate production plant (31) 2017109561062 (32) 15.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101406 (22) 22.09.2018</p>	<p>(54) Amino acid binder hydrolyzed vegetable protein production plant (31) 2017109558290 (32) 15.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101407 (22) 22.09.2018 (54) Antioxidant drugs riboflavin production plant (31) 2017109561414 (32) 15.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101408 (22) 22.09.2018 (54) Zinc organic strengthener zinc α-hydroxypropionate production plant (31) 2017109560820 (32) 15.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101409 (22) 22.09.2018 (54) Animal enzyme preparation pepsin production plant (31) 2017109561611 (32) 15.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101410 (22) 22.09.2018 (54) Lipophilic surfactant polymethylsiloxane production plant (31) 2017109554571 (32) 15.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101411 (22) 22.09.2018 (54) Bacteriostatic agent tea tannin drug production plant (31) 2017109561077 (32) 15.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101412 (22) 22.09.2018 (54) Chemical additive WP corrosion inhibitor production plant (31) 2017109861512 (32) 20.10.17 (33) CN</p> <hr/> <p>(71) Chengdu Pu Lai En Technology Co., Ltd. (21) 2018101413 (22) 22.09.2018 (54) Water treatment agent sodium tungstate production plant (31) 2017109756893 (32) 20.10.17 (33) CN</p>
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(71) Chengdu Pu Lai En Technology Co.,
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(21) 2018101414 (22) 22.09.2018
(54) Vulcanization accelerator 2-mercapto-
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(31) 2017109861527 (32) 20.10.17 (33) CN

(71) Chengdu Pu Lai En Technology Co.,
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(21) 2018101415 (22) 22.09.2018
(54) Water stabilizer W-331 new scale and
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(31) 2017109866910 (32) 20.10.17 (33) CN

(71) Chengdu Pu Lai En Technology Co.,
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(21) 2018101416 (22) 22.09.2018
(54) Water treatment agent CW-881 dirt dis-
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(31) 2017109756906 (32) 20.10.17 (33) CN

(71) Chengdu Pu Lai En Technology Co.,
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(21) 2018101417 (22) 22.09.2018
(54) Metal ion chelating agent aminotri-
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plant
(31) 2017109755833 (32) 20.10.17 (33) CN

(71) Chengdu Pu Lai En Technology Co.,
Ltd.
(21) 2018101418 (22) 22.09.2018
(54) Polycarboxylate dirt dispersion agent
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(31) 201710986936X (32) 20.10.17 (33) CN

(71) MACHINE ENGINEERING SYSTEMS
PTY LTD
(21) 2018101435 (22) 24.09.2018
(54) Skylight Assembly and Light Assembly
(62) PCT/AU2017/050751

(71) Mullally, R.
(21) 2018101436 (22) 24.09.2018
(54) A BABY RESTRAINT

(71) Trailer Safe Global Pty Ltd
(21) 2018101438 (22) 24.09.2018
(54) A TURNTABLE AND METHOD OF AS-
SEMBLY THEREOF

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2018101405	Chengdu Pu Lai En Technology Co., Ltd.	2018101422	Chengdu Mo Ni Ta Technology Co., Ltd.
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2018101411	Chengdu Pu Lai En Technology Co., Ltd.	2018101428	Chengdu Mo Ni Ta Technology Co., Ltd.
2018101412	Chengdu Pu Lai En Technology Co., Ltd.	2018101429	Chengdu Mo Ni Ta Technology Co., Ltd.
2018101413	Chengdu Pu Lai En Technology Co., Ltd.	2018101430	Chengdu Mo Ni Ta Technology Co., Ltd.
2018101414	Chengdu Pu Lai En Technology Co., Ltd.	2018101431	Chengdu Mo Ni Ta Technology Co., Ltd.
2018101415	Chengdu Pu Lai En Technology Co., Ltd.	2018101432	Chengdu Mo Ni Ta Technology Co., Ltd.
2018101416	Chengdu Pu Lai En Technology Co., Ltd.	2018101433	Chengdu Mo Ni Ta Technology Co., Ltd.
2018101417	Chengdu Pu Lai En Technology Co., Ltd.	2018101434	Chengdu Mo Ni Ta Technology Co., Ltd.
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2018101419	Chengdu Mo Ni Ta Technology Co., Ltd.	2018101436	Mullally, R.
2018101420	Chengdu Mo Ni Ta Technology Co., Ltd.	2018101438	Trailer Safe Global Pty Ltd
2018101421	Chengdu Mo Ni Ta Technology Co., Ltd.		

Applications with amended filing dates Reg 3.5(A).

2018100143	Mckellar, A.	The filing date has been amended to 09.03.2018
2018101341	Horselman, P.	The filing date has been amended to 20.09.2018
2018200276	Nantomics, LLC	The filing date has been amended to 12.01.2018
2018200373	ModernaTX, Inc.	The filing date has been amended to 19.01.2018
2018200374	ModernaTX, Inc.	The filing date has been amended to 19.01.2018
2018200377	ModernaTX, Inc.	The filing date has been amended to 19.01.2018
2018204836	Bio-cat Microbials LLC	The filing date has been amended to 04.07.2018

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)
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- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified

- N Applications not Open to Public Inspection

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1998086093 (14) 1998086133 (14) 1998086142 (14)
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2015

2015100115 (22) 2015100300 (22) 2015100311 (22E)
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 2015327876 (5C) 2015348038 (1B) 2015349017 (1B)
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 2015353691 (1B) 2015363176 (5C) 2015371310 (5C)

2016

2016100284 (22E) 2016100286 (22E) 2016100288 (22G)
 2016100291 (22E) 2016200511 (14N) 2016200649 (14)
 2016201084 (14) 2016201124 (5C) 2016201437 (5C)
 2016201441 (5C) 2016202246 (5C) 2016203273 (5C)
 2016204397 (5C) 2016204717 (5C) 2016204756 (5C)
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 2016213797 (5C) 2016213802 (5C) 2016213826 (5C)
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 2016228167 (5C) 2016228171 (5C) 2016231467 (5C)

2016238900 (5C) 2016238909 (5C) 2016244325 (5C)
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 2016273919 (4C) 2016277546 (4C) 2016277728 (5C)

2017

2017101430 (21F) 2017200018 (4C) 2017200066 (5C)
 2017200280 (5C) 2017200764 (4C) 2017201551 (25D)
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 2017202586 (5C) 2017203715 (4C) 2017203797 (4C)
 2017203798 (4C) 2017204145 (4C) 2017206252 (5C)
 2017218929 (5C) 2017228551 (4C) 2017251786 (4C)
 2017265129 (4C) 2017903967 (12AN)

2018

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 2018100918 (16AN) 2018100918 (18AN) 2018100932 (16AN)
 2018100932 (18AN) 2018100944 (16AN) 2018100944 (18AN)
 2018100961 (16AN) 2018100961 (18AN) 2018100962 (16AN)
 2018100962 (18AN) 2018100964 (16AN) 2018100964 (18AN)
 2018100965 (16AN) 2018100965 (18AN) 2018100974 (18AN)
 2018100995 (18AN) 2018205094 (1B) 2018205098 (1B)
 2018205146 (1B) 2018903513 (12AN)

Assignments before Grant, Section 113

2012

2012394438 General Electric Company The application has been assigned to **BL Technologies, Inc.**

2013

2013265267 Capiod, Thierry; Paterlini-Brechot, Patrizia; Universite Paris Descartes; Hofman, Paul; Laget, Sophie; Rarecells; Institut National de la Sante et de la Recherche Medicale; Assistance Publique - Hopitaux de Paris The application has been assigned to **Université Nice Sophia Antipolis; Centre hospitalier universitaire de Nice; Rarecells; Institut National de la Sante et de la Recherche Medicale; Assistance Publique - Hopitaux de Paris; Universite Paris Descartes**

2013378841 General Electric Company The application has been assigned to **BL Technologies, Inc.**

2014

2014221220 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2014221301 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2014225270 The University of Sydney; Technological Resources Pty Ltd The application has been assigned to **Technological Resources Pty Ltd**

2014227510 Crofur Pty Ltd The application has been assigned to **Vivaquip Pty Ltd**

2014233248 Makefield LLC The application has been assigned to **HERO HEALTH, INC.**

2014233614 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

Assignments before Grant, Section 113

2014233885 Bayer Healthcare LLC The application has been assigned to **GLAdiator Biosciences, Inc.**

2014236990 Bayer Healthcare LLC The application has been assigned to **GLAdiator Biosciences, Inc.**

2014241581 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2014249310 Dynamic Food Ingredients Corporation The application has been assigned to **DFI USA, LLC**

2014306635 Dynamic Food Ingredients Corporation The application has been assigned to **DFI USA, LLC**

2014312131 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2014334599 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2014337190 Mast Therapeutics, Inc. The application has been assigned to **LifeRaft Biosciences, Inc.**

2014346457 Sepp-Lorenzino, Laura; Sirna Therapeutics, Inc.; Brown, Duncan; Jadhav, Vasant The application has been assigned to **Sirna Therapeutics, Inc.**

2015

2015200233 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015200234 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015202087 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015202126 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015202966 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015203866 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015204321 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015209479 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015210448 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015210478 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

Assignments before Grant, Section 113

2015213266 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015213293 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2015218537 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015218547 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015223124 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015231819 General Electric Company The application has been assigned to **BL Technologies, Inc.**

2015268615 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015301018 Makefield LLC The application has been assigned to **HERO HEALTH, INC.**

2015317896 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015324083 FlexSteel Pipeline Technologies, Inc. The application has been assigned to **Trinity Bay Equipment Holdings, LLC**

2015330702 Joy MM Delaware, Inc.; The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services The application has been assigned to **Joy Global Underground Mining LLC; The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services**

2015377784 Tarmann, Jürgen The application has been assigned to **Aquatec „IQ“ Technologie GmbH**

2015380665 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015402506 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015405074 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2015413844 FlexSteel Pipeline Technologies, Inc. The application has been assigned to **Trinity Bay Equipment Holdings, LLC**

2016

2016200042 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016200799 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

Assignments before Grant, Section 113

2016200844 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016201179 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016201890 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016201952 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016201957 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016202171 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016202469 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016202657 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016202968 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016203235 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016203363 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016203373 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016203614 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016203967 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016204126 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016204952 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016206257 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016208363 Flexsteel Pipeline Technologies, Inc. The application has been assigned to **Trinity Bay Equipment Holdings, LLC**

2016213751 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016219589 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

Assignments before Grant, Section 113

2016222450 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016222775 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016225904 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016228182 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016246137 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016246847 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016250322 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016257917 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016259352 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016259437 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016269494 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016273923 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016280009 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016288672 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016303652 Element Six GmbH; Element Six (UK) Limited; Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC; Element Six (UK) Limited; Element Six GmbH**

2016306343 IHI Enviro Corporation The application has been assigned to **IHI Corporation**

2016308852 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2016334216 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2016354542 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

Assignments before Grant, Section 113

2017

2017200003 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017200699 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017200841 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017200871 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017200880 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017200902 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017201271 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017201557 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017201770 Ezytube Pty Ltd The application has been assigned to **SONOCO AUSTRALIA PTY LIMITED**

2017201868 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017201987 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017202224 Tecan Trading AG; Centre for Eye Research Australia Limited The application has been assigned to **Tecan Trading AG**

2017202235 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017202252 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017202342 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017202443 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017202742 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017203063 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017203738 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

Assignments before Grant, Section 113

2017204013 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017204015 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017204390 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017204822 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017209028 QoScience, Inc. The application has been assigned to **Viavi Solutions Inc.**

2017216529 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017216571 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017219051 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017219115 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017219143 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017225099 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017225135 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017232145 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017232199 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017239598 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017245285 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017248457 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017254937 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017261598 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017268685 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

Assignments before Grant, Section 113

2017268686 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017272136 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017279602 Incima IPCO B.V.; Cibus Europe B.V. The application has been assigned to **Cibus Europe B.V.**

2017279711 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017279723 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2017279779 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2017904625 Technological Resources Pty Ltd; The University of Sydney The application has been assigned to **Technological Resources Pty Ltd**

2018

2018200243 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2018200607 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2018200808 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2018201186 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2018201439 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2018201815 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2018202746 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

2018202967 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2018203044 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2018203069 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2018203610 Harnischfeger Technologies, Inc. The application has been assigned to **Joy Global Surface Mining Inc**

2018203820 Joy MM Delaware, Inc. The application has been assigned to **Joy Global Underground Mining LLC**

Assignments before Grant, Section 113

2018206739 Flexsteel Pipeline Technologies, Inc. The application has been assigned to **Trinity Bay Equipment Holdings, LLC**

2018900051 Technological Resources Pty Ltd; The University of Sydney The application has been assigned to **Technological Resources Pty Ltd**

2018900935 1ID Pty Ltd The application has been assigned to **eify Pty Ltd**

2018902881 Drillcut Pty Ltd The application has been assigned to **Drillcut IP Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2008

2008340276 **MicroVenton, Inc.** An application to extend the time from 19 Dec 2017 to 19 Aug 2018 in which to pay a renewal fee has been filed . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

2013

2013378566 **SICPA HOLDING SA** An application to extend the time from 20 Dec 2017 to 20 Aug 2018 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2017

2017203394 **Smart Medical Systems Ltd** An application to extend the time from 09 Mar 2018 to 09 Oct 2018 in which to pay a continuation fee has been filed . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2017251790 **Vapotherm, Inc.** An application to extend the time from 23 Jan 2018 to 23 Oct 2018 in which to pay a continuation fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Applications Allowed - Section 223(2)

2007

2007303111 **MMJ Labs, LLC** The time in which to pay a renewal fee has been extended to 04 Jun 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2011

2011311859 **National Cheng Kung University** The time in which to pay a renewal fee has been extended to 07 Jun 2018 . Address for service - Madderns Patent & Trade Mark Attorneys GPO Box 2752 AD-ELAIDE SA 5001 AU

Extensions of Time, Section 223

2013

2013262965 **Sgrouples, Inc.** The time in which to pay a continuation fee has been extended to 14 May 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2013403046 **Supremol GmbH** The time in which to pay a continuation fee has been extended to 16 May 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014324086 **GOPC Pty Ltd** The time in which to request Examination has been extended to 26 Sep 2018 . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengarriff Drive FLOREAT WA 6014 AU

2015

2015101660 **The University of Sydney** The time in which to pay a renewal fee has been extended to 19 May 2018 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2016

2016312995 **Evolution Optiks Limited** The time in which to enter the National Phase has been extended to 25 Jul 2018 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2017

2017200426 **Intuit Inc.** The time in which to pay a continuation fee has been extended to 29 Mar 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017203661 **Howmedica Osteonics Corp.** The time in which to pay a continuation fee has been extended to 10 Jul 2018 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2017203977 **Converter Manufacturing, Inc.** The time in which to enter the National Phase has been extended to 01 Oct 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018

2018205104 **Square, Inc.** The time in which to request Examination has been extended to 17 Oct 2018 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2018229563 **Alcoa USA Corp** The time in which to make a further application for a divisional patent has been extended to 13 Oct 2018 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Section 223(1) Allowances

2015

2015101659 **The University of Sydney** The time in which to pay a renewal fee has been extended to 19 May 2018

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.

2013

2013203272 NOVEL ORGANISMS **Agriculture Victoria Services Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2018 . Address for service - Jones Tulloch Se 9 150 Chestnut St Cremorne VIC 3121 AU

2013296564 HLA G-modified cells and methods **Hantash , B.** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2018 . Address for service - Peter Maxwell & Associates PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2013312218 Electrode padset **Respiratory Motion, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2018 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2013370982 Immunogenic composition comprising mycoplasma antigens **Boehringer Ingelheim Vetmedica GmbH** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2018 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2014

2014229082 Managing osteoporosis with HMW PEG **Midway Pharmaceuticals, Inc. ; Board of Trustees of Michigan State University** The nature of the amendment is as shown in the statement(s) filed 21 Sep 2018 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2014234962 Purification of triple helical proteins **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement(s) filed 17 Sep 2018 . Address for service - FB Rice Pty Ltd L 14 90 Collins St Melbourne VIC 3000 AU

2014305646 Contaminant removal method **CSL Limited** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014368992 Tetrahydropyridopyrazines modulators of GPR6 **Take-da Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2015

2015248784 Method for fusing aramid/aramid fibres **proionic GmbH** The nature of the amendment is as shown in the statement(s) filed 29 Aug 2018 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2015253478 Methods and systems for point-of-care coagulation assays by optical detection **Instrumentation Laboratory Company** The nature of the amendment is as shown in the statement(s) filed 25

Amendments

Jul 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2015271689 Expansion and engraftment of stem cells using Notch 1 and/or Notch 2 agonists **Fred Hutchinson Cancer Research Center** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2017

2017200067 Cotton variety PX8188RF-HB **Phytogen Seed Company LLC** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2017200371 POWER SUPPLY FOR A TOP DRIVE **Weatherford Technology Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2018 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2017203633 ROBOTIC SYSTEMS, ROBOTIC SYSTEM USER INTERFACES, HUMAN INTERFACE DEVICES FOR CONTROLLING ROBOTIC SYSTEMS AND METHODS OF CONTROLLING ROBOTIC SYSTEMS **Medrobotics Corporation** The nature of the amendment is as shown in the statement(s) filed 25 Sep 2018 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

Amendments Made**2011**

2011200196 **A W Trinder Limited** The nature of the amendment is as shown in the statement(s) filed 26 Jun 2018

2012

2012238251 **Global Supply Systems Limited** The nature of the amendment is as shown in the statement(s) filed 04 Jul 2018

2012262428 **Baxalta GmbH; Baxalta Incorporated** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2018

2013

2013204754 **Baxalta GmbH; Baxalta Incorporated** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2018

2013314442 **Norgine BV** The nature of the amendment is as shown in the statement(s) filed 22 Jun 2018

2013351888 **Zymeworks Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jun 2018

2014

2014256229 **Sage Therapeutics, Inc.** The nature of the amendment is: Amend the invention title to read 19-nor C3,3-disubstituted C21-N-pyrazolyl steroids and methods of use thereof

2014345333 **Optibiotix Limited** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2018

Amendments**2015**

2015100383 **Charles Parsons (Holdings) PTY Limited** The nature of the amendment is as shown in the statement(s) filed 28 Mar 2018

2015321554 **ACell, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2018

2016

2016202512 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jun 2018

2016203209 **Conventus Orthopaedics, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2018

2016204958 **Suntec Co., Ltd.** The nature of the amendment is: Amend the priority details to read 2016-022016 08 Feb 2016 JP

2016385282 **Elyson Pharm** The nature of the amendment is as shown in the statement filed 29 Aug 2018

2016395750 **Unicharm Corporation** The nature of the amendment is: Amend the invention title to read ABSORBENT PAD

2016399387 **Jiangsu Goldsun Textile Science and Technology Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2016102391

2016428717 **China University of Mining and Technology** The nature of the amendment is: Amend the invention title to read AP-PARATUS AND METHOD FOR PRE-LOADING MECHANICAL CONSTANT-RESISTANCE SINGLE PROP

2017

2017200559 **General Electric Company** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2018

2017203384 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2018

2017203824 **Spartan Chemical Company, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2018

2017217357 **Luigi Lavazza S.p.A.** The nature of the amendment is: Amend the invention title to read System for preparation of beverages with the use of capsules

2017219226 **Oil States Industries (UK) Limited** The nature of the amendment is: Amend the invention title to read Packer

2017231273 **Yanmar Co., Ltd.** The nature of the amendment is: Amend the invention title to read Work vehicle and travel region specifying device

2017232395 **Oleon NV** The nature of the amendment is: Amend the invention title to read Concentrate comprising a MEL and a polyethylene glycol fatty acid ester having an HLB value greater than or equal to 12

Amendments

2017235517 **Kobayashi Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Eye-washing vessel

2017344125 **Ping An Technology (Shenzhen) Co., Ltd.** The nature of the amendment is: Amend the invention title to read Tour guide robot and moving area calibration method, computer readable storage medium

2017363908 **China University of Mining and Technology** The nature of the amendment is: Amend the invention title to read METHOD FOR CONTROLLING ATTITUDE OF LONGWALL MINING SHEARER BASED ON COAL-SEAM GEOGRAPHIC INFORMATION SYSTEM

2017389534 **Ping An Technology (Shenzhen) Co., Ltd.** The nature of the amendment is: Amend the invention title to read Video compressed sensing reconstruction method, system, electronic device, and storage medium

2018

2018101009 **Marshall, S.** The nature of the amendment is as shown in the statement(s) filed 13 Aug 2018 and 18 Sept 2018

2018217255 **Longi Magnet Co., Ltd.** The nature of the amendment is: Amend the invention title to read Wet high intensity magnetic separator

2018226444 **ETH ZURICH; Paul Scherrer Institut** The nature of the amendment is as shown in the statement filed 06 Sep 2018

Alteration of Name(s) of Applicant(s)/Patentee(s)**2007**

2007252986 **INSERM (Institut National de la Sante et de la Recherche Medicale); Centre National de la Recherche Scientifique - CNRS-; Universite De Montpellier 1** The name of the patentee has been altered to **INSERM (Institut National de la Sante et de la Recherche Medicale); Centre National de la Recherche Scientifique - CNRS-; Universite De Montpellier**

2013

2013217114 **Inhibrx LP** The name of the patentee has been altered to **Inhibrx, Inc.**

2013256248 **Diatech Oncology** The name of the applicant has been altered to **Pierian Biosciences, LLC**

2014

2014248511 **Counsyl, Inc.** The name of the patentee has been altered to **Myriad Women's Health, Inc.**

2015

2015233191 **Advanced Insulation PLC** The name of the applicant has been altered to **Advanced Insulation Limited**

2015271656 **Thierry Tacheney; Etienne Mertens De Wilmars** The name of the patentee has been altered to **INVINEO S.A.**

Amendments

2015302319 Counsyl, Inc. The name of the patentee has been altered to **Myriad Women's Health, Inc.**

2015374344 Counsyl, Inc. The name of the applicant has been altered to **Myriad Women's Health, Inc.**

2016

2016304797 Counsyl, Inc. The name of the applicant has been altered to **Myriad Women's Health, Inc.**

2016308286 Aspyrian Therapeutics, Inc. The name of the applicant has been altered to **Rakuten Aspyrian, Inc.**

2016308290 Aspyrian Therapeutics, Inc. The name of the applicant has been altered to **Rakuten Aspyrian, Inc.**

2016316970 Advanced Insulation PLC The name of the applicant has been altered to **Advanced Insulation Limited**

2016380154 Counsyl, Inc. The name of the applicant has been altered to **Myriad Women's Health, Inc.**

2017

2017202270 Counsyl, Inc. The name of the applicant has been altered to **Myriad Women's Health, Inc.**

2017202623 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE Company, LLC**

2017218972 PharmBio Corporation The name of the applicant has been altered to **PharmaBio Corporation**

2017904569 Macquarie University The name of the applicant has been altered to **Neuroscience Research Australia; Macquarie University**

2018

2018206826 MEDIVATION TECHNOLOGIES, LLC The name of the applicant has been altered to **MEDIVATION TECHNOLOGIES LLC**

2018214075 Counsyl, Inc. The name of the applicant has been altered to **Myriad Women's Health, Inc.**

2018901428 Pro9 Global Pty Ltd The name of the applicant has been altered to **Pro9 Global Ltd**

2018901822 Pro9 Global Pty Ltd The name of the applicant has been altered to **Pro9 Global Ltd**

2018903310 Pro9 Global Pty Ltd The name of the applicant has been altered to **Pro9 Global Ltd**

Applications Open to Public Inspection

Name Index

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

<p>(71) 1 Space Pty Ltd (11) AU-A-2018232936 (21) 2018232936 (22) 18.09.2018 (54) Modular Building (51) Int. Cl. <i>E04B 1/343</i> (2006.01) <i>E04B 1/348</i> (2006.01) <i>E04H 1/02</i> (2006.01) (43) 11.10.2018 (62) 2013289857 (72) Unger, Susan (74) IP Sentinels Patent and Trademark Attorneys</p>	<p>(51) Int. Cl. <i>G06N 99/00</i> (2010.01) (31) 15/466,249 (32) 22.03.17 (33) US (43) 11.10.2018 (72) DUKATZ, Carl Matthew; PARTHASARATHY, Sonali; YELISETTY, Srinivas; FORRESTER, Lascelles (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) ALLEGIANCE CORPORATION (11) AU-A-2018233012 (21) 2018233012 (22) 21.09.2018 (54) Hydrophilic/hydrophobic aqueous polymer emulsions and products and methods relating thereto (51) Int. Cl. <i>C08J 7/12</i> (2006.01) (43) 11.10.2018 (62) 2014342368 (72) WONG, Wei Cheong; LOW, Chii Yi; WANG, Shiping; CHONG, Chuang Sim; HU, Xiaochuan; KOPP, Dennis; MAYER, Andre; MEYERS, Michael; HOLLIGUIN, Daniel L.; LEE, Sou Phong (74) Griffith Hack</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2017232151 (21) 2017232151 (22) 21.09.2017 (54) REACTIVE API GATEWAY (51) Int. Cl. <i>G06F 9/44</i> (2006.01) (31) 15/469,147 (32) 24.03.17 (33) US (43) 11.10.2018 (72) WAGENKNECHT, Dominik; LANCASTER, Matthew D.; RENALIAS, Oscar (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) Accenture Global Solutions Limited (11) AU-A-2018201974 (21) 2018201974 (22) 20.03.2018 (54) APPLICATION MANAGEMENT PLATFORM (51) Int. Cl. <i>G06Q 10/06</i> (2012.01) <i>G06F 8/70</i> (2018.01) <i>G06F 11/36</i> (2006.01) <i>G06F 21/50</i> (2013.01) (31) 15/469,015 (32) 24.03.17 (33) US (43) 11.10.2018 (72) GHOSH, Apratim; KOTHANDARAMAN, Ramkumar (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) ALLENSPACH, M.; Mötteli, J. (11) AU-A-2017204373 (21) 2017204373 (22) 28.06.2017 (54) REUSEABLE BODY APPLICATION STENCIL ARRANGEMENT, APPARATUS, AND METHOD OF USE (51) Int. Cl. <i>B44C 1/16</i> (2006.01) <i>A61Q 1/02</i> (2006.01) <i>B44C 1/17</i> (2006.01) (31) 62/474,647 (32) 22.03.17 (33) US 62/482,229 06.04.17 US 62/505,144 12.05.17 US (43) 11.10.2018 (72) ALLENSPACH, Marco; Mötteli, John Brent (74) Da Vinci Partners LLC</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018201941 (21) 2018201941 (22) 19.03.2018 (54) AUTOMATED PROGRAM CODE ANALYSIS AND REPORTING (51) Int. Cl. <i>G06Q 10/06</i> (2012.01) <i>G06F 11/36</i> (2006.01) (31) 15/913,630 (32) 06.03.18 (33) US 201741009848 21.03.17 IN (43) 11.10.2018 (72) KAKKAD, Hemant; GUPTA, Nitin Kumar; GUPTA, Richa; GOHN GIRI, Shiv (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) Adobe Systems Incorporated (11) AU-A-2018200067 (21) 2018200067 (22) 04.01.2018 (54) KPI SPECIFIC EXPERIENCE BUNDLING (51) Int. Cl. <i>G06F 17/30</i> (2006.01) <i>G06F 7/06</i> (2006.01) <i>G06F 17/21</i> (2006.01) <i>H04N 21/85</i> (2011.01) (31) 201711009821 (32) 21.03.17 (33) IN 15/687,658 28.08.17 US (43) 11.10.2018 (72) Maneriker, Pranav Ravindra; Huesler, Cedric; Saini, Shiv Kumar; Krishna, Kundan; Srinivasan, Balaji Vasani (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ALSTOM Transport Technologies (11) AU-A-2018201890 (21) 2018201890 (22) 16.03.2018 (54) System and method for controlling a level crossing (51) Int. Cl. <i>B61L 29/00</i> (2006.01) (31) 15/466,103 (32) 22.03.17 (33) US (43) 11.10.2018 (72) Fries, Jeffrey; Shields, William (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018201944 (21) 2018201944 (22) 19.03.2018 (54) QUANTUM OPTIMIZATION SYSTEM (51) Int. Cl. <i>G06N 99/00</i> (2010.01) (31) 15/466,147 (32) 22.03.17 (33) US (43) 11.10.2018 (72) WEICHENBERGER, Jurgen Albert (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) Align Technology, Inc. (11) AU-A-2018236686 (21) 2018236686 (22) 24.09.2018 (54) A METHOD AND A SYSTEM USABLE IN CREATING A SUBSEQUENT DENTAL APPLIANCE (51) Int. Cl. <i>A61C 9/00</i> (2006.01) <i>A61C 7/00</i> (2006.01) (43) 11.10.2018 (62) 2018202874 (72) Kuo, Eric (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ALSTOM Transport Technologies (11) AU-A-2018201894 (21) 2018201894 (22) 16.03.2018 (54) A safety device for a railway vehicle, a railway vehicle, a method for preserving safety of such a railway vehicle, and associated computer program (51) Int. Cl. <i>B61L 3/00</i> (2006.01) (31) 17 52359 (32) 22.03.17 (33) FR (43) 11.10.2018 (72) Hazard, Laurent (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2018201947 (21) 2018201947 (22) 19.03.2018 (54) QUANTUM COMPUTING IMPROVEMENTS TO TRANSPORTATION</p>	<p>(71) Accenture Global Solutions Limited (11) AU-A-2018201974 (21) 2018201974 (22) 20.03.2018 (54) APPLICATION MANAGEMENT PLATFORM</p>	<p>(71) ALLENSPACH, M.; Mötteli, J. (11) AU-A-2017204373 (21) 2017204373 (22) 28.06.2017 (54) REUSEABLE BODY APPLICATION STENCIL ARRANGEMENT, APPARATUS, AND METHOD OF USE (51) Int. Cl. <i>B44C 1/16</i> (2006.01) <i>A61Q 1/02</i> (2006.01) <i>B44C 1/17</i> (2006.01) (31) 62/474,647 (32) 22.03.17 (33) US 62/482,229 06.04.17 US 62/505,144 12.05.17 US (43) 11.10.2018 (72) ALLENSPACH, Marco; Mötteli, John Brent (74) Da Vinci Partners LLC</p>

Applications Open to Public Inspection - Name Index cont'd

(71) ALSTOM Transport Technologies
 (11) AU-A-2018201898
 (21) 2018201898 (22) 16.03.2018
 (54) System and method for controlling a level crossing
 (51) Int. Cl.
B61L 29/00 (2006.01)
 (31) 15/466,071 (32) 22.03.17 (33) US
 (43) 11.10.2018
 (72) Fries, Jeffrey; Shields, William
 (74) Davies Collison Cave Pty Ltd

(71) ALSTOM Transport Technologies
 (11) AU-A-2018201912
 (21) 2018201912 (22) 16.03.2018
 (54) Method for controlling a level crossing and railway installation for implementing such method
 (51) Int. Cl.
B61L 29/00 (2006.01)
 (31) 15/466,134 (32) 22.03.17 (33) US
 (43) 11.10.2018
 (72) Fries, Jeffrey; Schuchmann, Chris; Shields, William
 (74) Davies Collison Cave Pty Ltd

(71) AluHouse Technology (GD) Company Limited
 (11) AU-A-2017225024
 (21) 2017225024 (22) 05.09.2017
 (54) Snap-in structure of aluminum alloy wallboard, roof panel, and corner-connecting materials
 (51) Int. Cl.
E04F 13/12 (2006.01)
E04D 3/30 (2006.01)
 (31) 201710184254.7 (32) 24.03.17 (33) CN
 (43) 11.10.2018
 (72) Kwong, Hoi Fung
 (74) Shelston IP Pty Ltd.

(71) Anthrogenesis Corporation
 (11) AU-A-2018232953
 (21) 2018232953 (22) 19.09.2018
 (54) TREATMENT OF INFLAMMATORY DISEASES USING PLACENTAL STEM CELLS
 (51) Int. Cl.
A61K 35/44 (2006.01)
A61K 35/50 (2006.01)
A61K 35/64 (2006.01)
A61K 38/21 (2006.01)
A61P 37/06 (2006.01)
C12N 5/073 (2010.01)
 (43) 11.10.2018
 (62) 2016256718
 (72) Edinger, James W.; Hariri, Robert J.; Wang, Jia-Lun; Ye, Qian; Faleck, Herbert
 (74) Phillips Ormonde Fitzpatrick

(71) Apple Inc.
 (11) AU-A-2018232928
 (21) 2018232928 (22) 18.09.2018

(54) Devices, methods, and graphical user interfaces for providing feedback during interaction with an intensity-sensitive button
 (51) Int. Cl.
G06F 3/0487 (2013.01)
 (43) 11.10.2018
 (62) 2017218929
 (72) CHAUDHRI, Imran A.; BAUER, Sebastian J.; MOUSSETTE, Camille; MOUILLESEAU, Jean-Pierre M.; CORDIER, Madeleine S.; KOPIN, Joshua B.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2018236687
 (21) 2018236687 (22) 24.09.2018
 (54) Portable computer unified top case
 (51) Int. Cl.
G06F 1/16 (2006.01)
 (43) 11.10.2018
 (62) 2016204349
 (72) Theobald, Matthew; Ive, Jonathan P.; Andre, Bartly K.; Stringer, Christopher; Coster, Daniel J.; Raff, John; Hopkinson, Ron; Brock, John; Ligtenberg, Chris; Goldberg, Michelle Rae
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2018202001
 (21) 2018202001 (22) 21.03.2018
 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE
 (51) Int. Cl.
A63F 13/00 (2014.01)
G07F 17/32 (2006.01)
 (31) 2017901012 (32) 22.03.17 (33) AU
 (43) 11.10.2018
 (72) MEYER, Jason
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2018232989
 (21) 2018232989 (22) 20.09.2018
 (54) A GAMING SYSTEM AND METHOD OF PLAYING A GAME
 (51) Int. Cl.
A63F 5/04 (2006.01)
G07F 17/34 (2006.01)
 (43) 11.10.2018
 (62) 2016266025
 (72) KIM, Hyong Joo
 (74) Griffith Hack

(71) Aruze Gaming America, Inc.; Universal Entertainment Corporation
 (11) AU-A-2018232954
 (21) 2018232954 (22) 19.09.2018
 (54) Gaming machine
 (51) Int. Cl.
A23L 19/00 (2016.01)

(43) 11.10.2018
 (62) 2016219721
 (72) Kido, Katsuhiro; Munakata, Hiroki
 (74) Davies Collison Cave Pty Ltd

BARTHOLD, L. see ELECTRANIX CORPORATION
 (21) 2018232948

Baxter Healthcare SA see Baxter International Inc
 (21) 2018236688

(71) Baxter International Inc; Baxter Healthcare SA
 (11) AU-A-2018236688
 (21) 2018236688 (22) 24.09.2018
 (54) SYSTEM AND METHOD TO EFFICIENTLY CLEAN A BLOOD FILTER
 (51) Int. Cl.
B08B 3/02 (2006.01)
 (43) 11.10.2018
 (62) 2014205646
 (72) Rohde, Justin; Wiebenson, Derek
 (74) Peter Maxwell & Associates

(71) Becton, Dickinson and Company
 (11) AU-A-2018233045
 (21) 2018233045 (22) 21.09.2018
 (54) Enhanced platen for pharmaceutical compounding
 (51) Int. Cl.
G01G 21/28 (2006.01)
A61J 3/00 (2006.01)
 (43) 11.10.2018
 (62) 2015315351
 (72) Sandmann, Christian; Witt, Erik Kurt
 (74) FB Rice Pty Ltd

(71) Be Hive Technologies Limited
 (11) AU-A-2018201921
 (21) 2018201921 (22) 16.03.2018
 (54) Mechanical Ventilation Heat Recovery Apparatus
 (51) Int. Cl.
F24F 12/00 (2006.01)
F24F 7/04 (2006.01)
F28D 21/00 (2006.01)
 (31) GB1704509.7 (32) 22.03.17 (33) GB
 (43) 11.10.2018
 (72) Woods, Garry
 (74) Spruson & Ferguson

(71) Beiersdorf AG
 (11) AU-A-2018201807
 (21) 2018201807 (22) 14.03.2018
 (54) Sunscreen with Triacotanyl PVP
 (51) Int. Cl.
A61Q 17/00 (2006.01)
A61Q 17/04 (2006.01)
 (31) 10 2017 204 794.1 (32) 22.03.17 (33) DE
 (43) 11.10.2018
 (72) Eisert, Anja; Sprock, Sarah; Goddert, Dominik
 (74) Shelston IP Pty Ltd.

Applications Open to Public Inspection - Name Index cont'd

-
- (71) Beiersdorf AG
 (11) AU-A-2018201809
 (21) 2018201809 (22) 14.03.2018
 (54) Sunscreen protection means having polyglyceryl-10 stearate and polyglyceryl-2 caprate
 (51) Int. Cl.
 A61K 8/37 (2006.01)
 A61K 8/06 (2006.01)
 A61K 8/81 (2006.01)
 A61K 8/85 (2006.01)
 A61Q 17/04 (2006.01)
 A61Q 19/00 (2006.01)
 (31) 10 2017 204 793.3 (32) 22.03.17 (33) DE
 (43) 11.10.2018
 (72) Sprock, Sarah; Schade, Tatjana; Goddert, Dominik
 (74) Shelston IP Pty Ltd.
-
- (71) BioAtla, LLC
 (11) AU-A-2018226408
 (21) 2018226408 (22) 04.09.2018
 (54) Novel methods of protein evolution
 (51) Int. Cl.
 C07K 1/00 (2006.01)
 G01N 33/68 (2006.01)
 G06F 19/16 (2011.01)
 (43) 11.10.2018
 (62) 2017200658
 (72) SHORT, Jay M.
 (74) Allens Patent & Trade Mark Attorneys
-
- (71) Biomedical Research Models, Inc.
 (11) AU-A-2018236682
 (21) 2018236682 (22) 24.09.2018
 (54) THERAPEUTIC VACCINES FOR TREATING HERPES SIMPLEX VIRUS TYPE 2 INFECTIONS
 (51) Int. Cl.
 A61K 39/245 (2006.01)
 A61K 9/127 (2006.01)
 (43) 11.10.2018
 (62) 2014203873
 (72) Yang, Kejian; Guberski, Dennis L.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Biosense Webster (Israel) Ltd.
 (11) AU-A-2018201926
 (21) 2018201926 (22) 16.03.2018
 (54) SAFE ABLATION OF EUSTACHIAN TUBE EPITHELIUM
 (51) Int. Cl.
 A61B 18/18 (2006.01)
 A61B 8/12 (2006.01)
 A61F 11/00 (2006.01)
 (31) 15/467,774 (32) 23.03.17 (33) US
 (43) 11.10.2018
 (72) Gliner, Vadim; Ephrath, Yaron; Altmann, Andres Claudio
 (74) Spruson & Ferguson
-
- (71) Biosense Webster (Israel) Ltd.
 (11) AU-A-2018201950
 (21) 2018201950 (22) 19.03.2018
-
- (54) CATHETER WITH IMPROVED LOOP CONTRACTION AND GREATER CONTRACTION DISPLACEMENT
 (51) Int. Cl.
 A61M 25/09 (2006.01)
 (31) 15/470,291 (32) 27.03.17 (33) US
 (43) 11.10.2018
 (72) Padilla, Ricardo; Padilla, Homero; Bui, Julie; Solis, Mario; Selkee, Thomas; Jimenez, Jose; Datta, Keshava; Salazar, Fernando
 (74) Spruson & Ferguson
-
- (71) Biosense Webster (Israel) Ltd.
 (11) AU-A-2018202079
 (21) 2018202079 (22) 23.03.2018
 (54) CATHETER WITH DEFORMABLE DISTAL ELECTRODE
 (51) Int. Cl.
 A61B 18/14 (2006.01)
 (31) 15/469,252 (32) 24.03.17 (33) US
 (43) 11.10.2018
 (72) Basu, Shubhayu; Solis, Mario A.
 (74) Spruson & Ferguson
-
- (71) Biosense Webster (Israel) Ltd.
 (11) AU-A-2018202090
 (21) 2018202090 (22) 23.03.2018
 (54) SENSOR FOR FACILITATING CATHETER VISUALIZATION
 (51) Int. Cl.
 A61B 8/12 (2006.01)
 (31) 15/469,895 (32) 27.03.17 (33) US
 (43) 11.10.2018
 (72) Osadchy, Daniel; Feldman, Konstantin; Pressman, Assaf; Cohen, Shmuel
 (74) Spruson & Ferguson
-
- (71) Blinxel Pty Ltd
 (11) AU-A-2018233015
 (21) 2018233015 (22) 21.09.2018
 (54) System and method for image processing
 (51) Int. Cl.
 G06T 5/50 (2006.01)
 H04N 19/00 (2014.01)
 (43) 11.10.2018
 (62) 2016292954
 (72) SIVER, Glen; JONES, David Gregory
 (74) FB Rice Pty Ltd
-
- (71) Boehringer Ingelheim International GmbH
 (11) AU-A-2018236692
 (21) 2018236692 (22) 24.09.2018
 (54) Anti-IL-23 antibodies
 (51) Int. Cl.
 C07K 16/24 (2006.01)
 (43) 11.10.2018
 (62) 2016273970
 (72) BARRETT, Rachel Rebecca; CANADA, Keith; CATRON, Katrina Mary; COPENHAVER, Robert; FREGO, Lee Edward; RAYMOND, Ernest Lee; SINGH, Sanjaya; ZHU, Xiangyang
 (74) Spruson & Ferguson
-
- (71) Boston Biomedical, Inc.
 (11) AU-A-2018233033
 (21) 2018233033 (22) 21.09.2018
 (54) 3-(Aryl Or Heteroaryl) Methyleneindolin-2-One Derivatives As Inhibitors Of Cancer Stem Cell Pathway Kinases For The Treatment Of Cancer
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 C07D 401/14 (2006.01)
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 A61P 35/00 (2006.01)
 C07D 403/06 (2006.01)
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A61F 5/01 (2006.01)

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B60P 1/16 (2006.01)
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E02B 9/08 (2006.01)
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B05B 3/02 (2006.01)
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 (51) Int. Cl.
C12Q 1/6883 (2018.01)
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 (54) SYSTEM AND METHOD FOR PERFORMING AUTOMATED ANALYSIS OF AIR SAMPLES
 (51) Int. Cl.
G01N 15/06 (2006.01)
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 (72) GALLAGHER-GRUBER, Jordan; SZIJÁRTÓ, Gábor
 (74) Madderns Patent & Trade Mark Attorneys

GAO, J. see WANG, Y.
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 (11) AU-A-2018101298
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(54) SEEDER SEED BOX CLEANING DEVICE
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F21L 4/08 (2006.01)
F21S 9/03 (2006.01)
F21V 23/00 (2006.01)
H01M 10/44 (2006.01)
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 (72) YANG, Huiming
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A61K 36/488 (2006.01)
A61K 36/605 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
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 (74) Gloria Li

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 (74) Gloria Li

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 B32B 17/04 (2006.01)
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 (74) Gloria Li

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 B65D 81/26 (2006.01)
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- . (**) Title not given

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B65G 63/00 (2006.01)
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H01F 7/121 (2006.01)
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H02K 33/18 (2006.01)
H02K 41/035 (2006.01)
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H04R 9/02 (2006.01)
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B65G 63/00 (2006.01)
G06Q 50/28 (2012.01)
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B65G 63/00 (2006.01)
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H02J 5/00 (2006.01)
H02J 7/02 (2006.01)
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H02J 50/60 (2016.01)
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G09G 5/36 (2006.01)
G06F 3/14 (2006.01)
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C22C 21/10 (2006.01)
C22F 1/053 (2006.01)
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 (51) Int. Cl.
B01D 53/04 (2006.01)
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 son, Renee; Dann, Brian **A01N 43/40** (2006.01)
(74) Spruson & Ferguson **A01N 43/54** (2006.01)
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 Ronald; Schlehuber, Steffen; Mazuir,
 Florent **(74)** Watermark Intellectual Property Pty Ltd
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 Francesco A.C.R.A.F. S.p.A.
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(54) Ophthalmic composition comprising a
 synergistic combination of glyco-gen
 and hyaluronic acid or a salt thereof
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 47/36 (2006.01)
A61P 27/04 (2006.01)
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 Serena **(74)** Griffith Hack
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(54) Compositions comprising choline
(51) Int. Cl.
A61K 31/14 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61P 1/16 (2006.01)
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 Kim, N.; Meyer, T.; Reynolds, D.; Van-
 cleave, J.; Dann, E.; Dann, T.; Nelson,
 R.; Dann, B.; Bayer Healthcare LLC;
 Formulated Solutions, LLC
(11) AU-A-2017263533
(21) 2017263533 **(22)** 11.05.2017
(54) Whipped formulations with desired
 sensory impact
(51) Int. Cl.
A61Q 5/06 (2006.01)
A23C 9/152 (2006.01)
A23G 3/02 (2006.01)
A23P 30/40 (2016.01)
A61K 8/04 (2006.01)
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A61Q 7/00 (2006.01)
A61Q 11/00 (2006.01)
A61Q 17/00 (2006.01)
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B65D 83/14 (2006.01)
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 Graham, Heidi; Kim, Nanhye; Mey-
 er, Tom; Reynolds, David; Vancleave,
 Jerry; Dann, Eric; Dann, Thomas; Nel-
 son, Renee; Dann, Brian **(74)** Spruson & Ferguson
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(11) AU-A-2017250397
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(54) Substituted oxadiazoles for combating
 phytopathogenic fungi
(51) Int. Cl.
C07D 271/06 (2006.01)
A01N 43/836 (2006.01)
A01P 3/00 (2006.01)
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 menos, Wassilios; Wiebe, Christine;
 Kretschmer, Manuel; Craig, Ian Robert;
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 Mentzel, Tobias; Quintero Palomar,
 Maria Angelica; Grote, Thomas; Cam-
 beis, Erica; Mueller, Bernd; Lohmann,
 Jan Klaas; Winter, Christian **(74)** Watermark Intellectual Property Pty Ltd
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 International S.A./N.V.
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 ing herbicidal compositions
(51) Int. Cl.
A01N 25/22 (2006.01)
A01N 47/30 (2006.01)
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(74) Spruson & Ferguson
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(54) Pyrazolopyrimidine derivatives
(51) Int. Cl.
C07D 487/02 (2006.01)
A61K 31/519 (2006.01)
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 Börngen, Kirsten; Kulke, Daniel;
 Ilg, Thomas; Köbberling, Johannes;
 Hübsch, Walter; Schwarz, Hans-Georg;
 Görgens, Ulrich; Ebbinghaus-Kintscher,
 Ulrich; Hink, Maïke; Nennstiel, Dirk;
 Raming, Klaus; Adamczewski, Martin;
 Böhm, Claudia **(74)** Davies Collison Cave Pty Ltd
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 Carpenter, S.; Kim, N.; Meyer, T.; Van-
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 (51) Int. Cl.
A23C 9/152 (2006.01)
A23G 3/02 (2006.01)
A23P 30/40 (2016.01)
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A61K 9/12 (2006.01)
A61Q 5/06 (2006.01)
A61Q 7/00 (2006.01)
A61Q 11/00 (2006.01)
A61Q 17/04 (2006.01)
A61Q 19/00 (2006.01)
B65D 83/14 (2006.01)
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 (11) AU-A-2017263532
 (21) 2017263532 (22) 11.05.2017
 (54) Whipped formulations
 (51) Int. Cl.
A61Q 17/00 (2006.01)
A23C 9/152 (2006.01)
A23G 3/02 (2006.01)
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 Kim, N.; Meyer, T.; Erixon, A.
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 (51) Int. Cl.
A61K 8/34 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
A61P 9/00 (2006.01)
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 (72) Thaler, Tobias; Platzek, Johannes; Gui-
 mond, Nicolas
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 Hydroxypropan-2-yl)-2-[2-
 (methylsulphonyl)ethyl]-2H-in-
 dazol-5-yl}-6-(trifluoromethyl)pyridine-2-
 carboxamide
 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
A61P 9/00 (2006.01)
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 (11) AU-A-2017246476
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 (54) Small molecule regulators of steroid re-
 ceptor coactivators and methods of use
 thereof
 (51) Int. Cl.
C07D 403/12 (2006.01)
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A61P 35/00 (2006.01)
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A61K 9/28 (2006.01)
A61K 31/18 (2006.01)
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C01B 11/08 (2006.01)
A61L 2/18 (2006.01)
C02F 1/46 (2006.01)
C02F 1/70 (2006.01)
C25B 1/26 (2006.01)
C25B 9/00 (2006.01)
A61L 101/06 (2006.01)

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 A47C 31/11 (2006.01)
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C07C 61/13 (2006.01)
C07D 209/14 (2006.01)
C07D 209/18 (2006.01)
C07D 471/14 (2006.01)
C07F 7/18 (2006.01)
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(31) 62/317,254 (32) 01.04.16 (33) US
(43) 05.10.2017
(72) Huang, Peter Qinhua; Slee, Deborah
Helen; Hegde, Sayee Gajanan; Hop-
kins, Chad Daniel; Bunker, Kevin
Duane; Pinchman, Joseph Robert; Sit,
Rakesh Kumar
(74) Griffith Hack
-

- (71) Zolo Technologies, Inc.
(11) AU-A-2017251622
(21) 2017251622 (22) 21.03.2017
(54) Method and apparatus for verification of
TDLAS system operation
(51) Int. Cl.
G01N 21/39 (2006.01)
B01D 53/34 (2006.01)
B01D 53/56 (2006.01)
B01D 53/74 (2006.01)
B01D 53/94 (2006.01)
F23N 5/00 (2006.01)
(87) WO2017/180297
(31) 62/321,634 (32) 12.04.16 (33) US
(43) 19.10.2017
(72) Giltner, Dave; Sappey, Andrew D.
(74) Phillips Ormonde Fitzpatrick

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2016393839	Two Heads, LLC	2017228214	Gento AS
2016394945	Translational Drug Development LLC	2017228359	Brandbumps, LLC
2016394956	The Rockefeller University	2017228415	Apex Biomedical Company, LLC
2016395161	Bolymedia Holdings Co. Ltd.	2017228878	Westinghouse Air Brake Technologies Corporation
2016395750	Unicharm Corporation	2017229105	Biocryst Pharmaceuticals, Inc.
2016396245	Huawei Technologies Co., Ltd.	2017229656	Sage Therapeutics, Inc.
2016397939	Guardian Glass, LLC; Guardian Europe S.a.r.l.	2017230137	Coloreel Group AB
2016397941	Guardian Glass, LLC; Guardian Europe S.a.r.l.	2017230307	S.A. Lhoist Recherche et Developpement
2016398029	Acer Therapeutics Inc.	2017230737	Incube Labs, LLC
2016398408	Razer (Asia-Pacific) Pte. Ltd.	2017230775	Smith & Nephew PLC
2016398422	Facebook, Inc.	2017230891	Selecta Biosciences, Inc.
2016398432	Facebook, Inc.	2017230931	HKD Solutions Ltd
2016398632	Facebook, Inc.	2017231020	Goode Limited
2016399956	Pecca Leather Sdn Bhd	2017231052	Human Extensions Ltd.
2016400171	Huawei Technologies Co., Ltd.	2017231095	DMP Enterprises Pty Ltd
2016400776	GC Corporation	2017231273	Yanmar Co., Ltd.
2016400777	GC Corporation	2017231718	Uptake Technologies, Inc.
2016401010	Cardinal Health Switzerland 515 GmbH	2017231833	Viola Bio, Inc.
2016401014	Cardinal Health Switzerland 515 GmbH	2017231891	Enzymotec Ltd.
2016401203	Kimberly-Clark Worldwide, Inc.	2017231928	Goode Limited
2016401205	Kimberly-Clark Worldwide, Inc.	2017232259	Brickell Biotech, Inc.
2016401213	Kimberly-Clark Worldwide, Inc.	2017232270	AMOVA GmbH
2016401548	Shining 3D Tech Co., Ltd.	2017232365	Nava Oculus Canada Manufacturing ULC
2016401910	Dragonfly Foundation for Research & Development Corp	2017232395	Oleon NV
2016402255	Kimberly-Clark Worldwide, Inc.	2017232429	University of Strathclyde
2016402378	Cryptzone North America, Inc.	2017232548	Smith & Nephew PLC
2016403521	Vossloh-Werke GmbH	2017232554	Omegatri AS
2016406843	Mitsubishi Electric Corporation	2017232659	Beijing Jingdong Shangke Information Technology Co., Ltd.; Beijing Jingdong Century Trading Co., Ltd.
2016409869	Halliburton Energy Services, Inc.	2017232730	McGinty, J.
2016414197	Datamars SA	2017232902	AlloSource
2016428717	China University of Mining and Technology	2017232908	AlloSource
2017219614	Reichow, K.; Zimmerman, B.; Stress-Tek, Inc.	2017233436	Hummingbird Diagnostics GmbH
2017219890	Precision Planting LLC	2017233540	Boyle, N.
2017220078	Epistocracy, LLC	2017233747	Sandon Global Engraving Technology Limited; Re-profex3 Limited
2017220902	Daikin Industries, Ltd.	2017234270	Carbon Black, Inc.
2017221444	Wisconsin Alumni Research Foundation (WARF)	2017234381	Sydney Water Corporation
2017222025	Nanjing Bestzyme Bio-Engineering Co., Ltd.	2017234384	Laborie Medical Technologies Canada ULC
2017222125	Merck Patent GmbH	2017234645	Weir Slurry Group, Inc.
2017222224	Contego Sports Limited	2017234680	Prolynx LLC
2017222312	Tyroc Industries Limited	2017235116	Yamaguchi University
2017222389	Quocean Limited	2017235215	Caterpillar Inc.
2017222436	Sonos, Inc.	2017235517	Kobayashi Pharmaceutical Co., Ltd.
2017222539	HealthSpanDx	2017235550	Synedgen, Inc.
2017222694	Edye Pty Ltd	2017235723	Bilab Co., Ltd.
2017222922	Suncor Energy Inc.	2017236063	Prothix BV
2017222968	Sirona Dental Systems GmbH	2017236163	Ipsen Biopharm Limited
2017223265	R. J. Reynolds Tobacco Company	2017236293	Outotec (Finland) Oy
2017223395	Sonos, Inc.	2017236457	ByBox Holdings Limited
2017223416	Padlock Therapeutics, Inc.	2017236471	Richard Ward Couture Styling Ltd
2017223498	Delong, W.	2017236489	Quadram Institute Bioscience
2017223595	Eastern Virginia Medical School	2017236575	Animal Dynamics Limited
2017223707	Minextech LLC	2017236701	Stryker European Holdings I, LLC
2017223924	Sakata Inx Corporation	2017236879	Balchem Corporation
2017224029	Koninklijke Philips N.V.	2017236880	Snowflake Computing Inc.
2017224144	Golas, N.; Peterson, L.; Kumar, A.	2017237163	Marquette University
2017224830	Box Dark Industries Pty. Ltd.	2017237164	Nutrinia Ltd.
2017225234	Absolute Module Oy	2017237252	The General Hospital Corporation
2017225371	Mission Therapeutics Limited	2017237395	APM Terminals B.V.
2017225490	Klarenberg, A.; Cianni, L.; Pizarro, J.	2017237397	APM Terminals B.V.
2017225901	StraxCorp Pty Ltd	2017237623	Daikin Industries, Ltd.
2017225906	Cellmid Limited	2017237643	Academisch Ziekenhuis Leiden h.o.d.n. LUMC; Universiteit Leiden
2017226517	BrightGene Bio-Medical Technology Co., Ltd.	2017237930	Merck Sharp & Dohme Corp.
2017226876	Diodon Drone Technology	2017238038	Vivonics, Inc.; Mayo Foundation for Medical Education and Research
2017226956	Institut Gustave Roussy	2017238075	L3 Security & Detection Systems, Inc.
2017226965	Agency for Science, Technology and Research		
2017227676	Georgia Tech Research Corporation		
2017227808	Lummus Technology LLC		

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2017238118	Mayo Foundation for Medical Education and Research	2017244109	Magic Leap, Inc.
2017238119	Mayo Foundation for Medical Education and Research	2017244143	Intellia Therapeutics, Inc.
2017238156	4iiii Innovations Inc.	2017244269	Hanmi Pharm. Co., Ltd.
2017238217	Advanced Animal Diagnostics, Inc.	2017244515	Toray Industries, Inc.
2017238218	Seattle Children's Hospital (dba Seattle Children's Research Institute)	2017244519	Toray Industries, Inc.
2017238225	Motz Enterprises, Inc.	2017245036	Toppan Printing Co., Ltd.
2017238243	Bongiovi Acoustics LLC	2017245046	Honbusankei Co., Ltd.
2017238255	GC Corporation	2017245123	JXTG Nippon Oil & Energy Corporation
2017238313	XTPL S.A.	2017245132	Bossa Nova Robotics IP, Inc.
2017238442	Belgian Volition SPRL	2017245246	SafeWhite, Inc.
2017238476	Centre Hospitalier Regional et Universitaire de Lille (CHRU); Universite de Lille 2 Droit et Sante; Universite du Littoral Cote d'Opale; INSERM (Institut National de la Santé et de la Recherche Médicale); Taipei Medical University	2017245255	Frito-Lay North America, Inc.
2017238730	Ecological World For Life S.A.S	2017245612	Universität Stuttgart; Baliopharm AG
2017238758	Council of Scientific & Industrial Research	2017246074	Donaldson Filtration Deutschland GmbH
2017238773	Carbon Black, Inc.	2017246197	Douglas, J.
2017238842	Intra-Cellular Therapies, Inc.	2017246214	Stevenson, R.; Stevenson, W.; Stevenson, J.; Stevenson, R.
2017239010	Tessengerlo Group NV/SA	2017246237	Cooper, D.J.; Wee, J.H.D.
2017239050	Novel Technologies Inc.	2017246289	Emory University
2017239144	Stadlmann, K.	2017246411	Dana-Farber Cancer Institute, Inc.
2017239160	Commonwealth Scientific and Industrial Research Organisation	2017246476	Baylor College of Medicine
2017239292	TTI (Macao Commercial Offshore) Limited	2017246564	Callaway Golf Company
2017239366	BPW Bergische Achsen KG	2017246580	BioTime, Inc.
2017239948	LG Electronics Inc.	2017246661	AMO Development, LLC
2017240043	Butterfly Network, Inc.	2017246715	Facebook, Inc.
2017240050	Signal Pharmaceuticals, LLC	2017246742	Electrolux Home Products, Inc.
2017240056	Butterfly Network, Inc.	2017247009	Phillips, A.; Klette, W.; Slade, J.
2017240064	Gojo Industries, Inc.	2017247057	Omxix Biopharmaceuticals Ltd.
2017240069	Gojo Industries, Inc.	2017247235	Sharp Kabushiki Kaisha
2017240154	Sony Corporation; Sony Corporation of America	2017247547	Bitdefender IPR Management Ltd
2017240193	Omeicos Therapeutics GmbH; Max Delbrück-Centrum für Molekulare Medizin	2017247607	Immatics Biotechnologies GmbH
2017240250	Vycellix Inc	2017247705	Atlas Copco Airpower, NV
2017240604	Convenant Eyes, Inc.	2017247879	Technische Universität Berlin
2017240665	Butterfly Network, Inc.	2017247881	Mölnlycke Health Care AB
2017240721	Spark Therapeutics, Inc.	2017248080	Nordahl-Pedersen, G.
2017240763	Merit Medical Systems, Inc.	2017248083	Apple Inc
2017240835	Ningbo Fotile Kitchen Ware Co., Ltd	2017248165	Sony Corporation; Sony Corporation of America
2017241032	Kobayashi Pharmaceutical Co., Ltd.	2017248180	Cargill, Incorporated
2017241321	Uber Technologies, Inc.	2017248198	JLG Industries, Inc.
2017241516	Boston Scientific Scimed, Inc.	2017248215	Cinder Biological, Inc.
2017241590	Takeda Vaccines, Inc.	2017248267	Electrolux Home Products, Inc.
2017241680	Ethicon, Inc.	2017248281	Donaldson Company, Inc.
2017241684	Hu, M.; Li, Y.; Liu, X.; Hu, R.	2017248301	Havi Global Solutions, LLC
2017241776	Janssen Biotech, Inc.	2017248334	White Anvil Innovations, LLC
2017241777	Dimension Therapeutics, Inc.	2017248626	OSE Immunotherapeutics
2017241891	CorMedix Inc.	2017248641	General Electric Company
2017241930	Wagner Dimas, Inc.	2017248873	Bosch Corporation
2017241996	Johnson & Johnson Consumer Inc.	2017249048	Mylan Inc.
2017242009	Eos Energy Storage, LLC	2017249052	NCH Corporation
2017242027	Zeno Royalties & Milestones, LLC	2017249221	Electrolux Home Products, Inc.
2017242124	Häfele Berlin GmbH & Co KG	2017249489	Elkem ASA
2017242155	Vidac Pharma Ltd.	2017249925	LG Electronics Inc.
2017242238	Uvex Arbeitsschutz GmbH	2017249927	LG Electronics Inc.
2017242303	Toyobo Co., Ltd.; Furanix Technologies B.V.	2017249991	Julius Blum GmbH
2017242541	Institut Pasteur de Lille; Institut National de la Sante et de la Recherche Medicale (INSERM)	2017249998	Neptune Marine Services Ltd
2017242543	Bitdefender IPR Management Ltd	2017250010	Propanc Pty Ltd
2017242646	Rheinfelden Carbon GmbH & Co. KG	2017250013	Protege Sport Pty Ltd
2017242819	Genfit	2017250272	Cubic Corporation
2017242867	Shanghai Synergy Pharmaceutical Sciences Co., Ltd	2017250298	The Trustees of the University of Pennsylvania
2017243136	Centro de Ingenieria Genetica Y Biotecnologia	2017250348	Dynavax Technologies Corporation
2017243171	De La Rue International Limited	2017250352	Apple Inc.
2017243778	Medicrea International	2017250369	Epizyme, Inc.
2017243870	WiseTech Global Limited	2017250397	BASF SE
2017243872	Anteo Technologies Pty Ltd	2017250431	H. Lundbeck A/S
2017244041	Marine Canada Acquisition Inc.	2017250507	Blaze Bioscience, Inc.
2017244072	Siemens Mobility GmbH	2017250534	BASF SE
		2017251002	Nagaki Seiki Co., Ltd.
		2017251109	Canadian Bank Note Company, Limited
		2017251155	Bayer Animal Health GmbH
		2017251256	Spedding Research Solutions; Universite de Strasbourg; Inserm - Institut National de la Santé Et de la Recherche Médicale
		2017251378	Syngenta Participations AG

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2017251616	Redag Crop Protection Ltd	2017270026	SAPPI Netherlands Services B.V.
2017251622	Zolo Technologies, Inc.	2017270351	Philip Morris Products S.A.
2017251896	Karl Leibinger Medizintechnik GmbH & Co. KG	2017270872	Huawei Technologies Co., Ltd.
2017252004	Vossloh-Werke GmbH	2017271316	Electrolux Appliances Aktiebolag
2017252343	Faron Pharmaceuticals Oy	2017271849	Nissin Foods Inc.
2017252344	Faron Pharmaceuticals Oy	2017272150	Riverpoint Medical, LLC
2017252460	Dana-Farber Cancer Institute, Inc.	2017273689	Philip Morris Products S.A.
2017252600	Jackel International Limited	2017274264	VISA International Service Association
2017252703	Nissin Kogyo Co., Ltd.	2017274555	Apple Inc.
2017253152	Electrolux Appliances Aktiebolag	2017274891	Panasonic Intellectual Property Corporation of America
2017253492	Pall Corporation	2017275531	Philip Morris Products S.A.
2017253508	Pharmactive Biotech Products, S.L.	2017277562	W. L. Gore & Associates, Inc.
2017253549	Immatics Biotechnologies GmbH	2017281579	Battelle UK Limited; Mitsui Agriscience International S.A./N.V.
2017254363	Boston Scientific Neuromodulation Corporation	2017281934	Boston Scientific Neuromodulation Corporation
2017254372	Westinghouse Air Brake Technologies Corporation	2017282720	Hickory Design Pty Ltd
2017254385	Landis+Gyr Innovations, Inc.	2017282889	Ping An Technology (Shenzhen) Co., Ltd.
2017254431	Stryker Corporation	2017283005	CRH Concrete A/S
2017254702	Dana-Farber Cancer Institute, Inc.	2017283332	NEC Platforms, Ltd.
2017254708	Dana-Farber Cancer Institute, Inc.	2017284935	Visa International Service Association
2017254711	Dana-Farber Cancer Institute, Inc.	2017285019	iRobot Corporation
2017254745	Pure Dragon Environmental Ltd.	2017290263	Visa International Service Association
2017255538	Tanvex Biopharma USA, Inc	2017293052	Casale SA
2017255935	Novihum Technologies GmbH	2017293119	F. Hoffmann-La Roche AG
2017255943	Imerys Minerals Limited	2017294448	F. Hoffmann-La Roche AG
2017256412	Siemens Mobility GmbH	2017296410	Apple Inc.
2017256626	Bayer Pharma Aktiengesellschaft	2017301369	Intuit Inc.
2017256810	Dridan, G.; Thompson, C.	2017304158	Samsung Electronics Co., Ltd.
2017257211	Bayer Pharma Aktiengesellschaft	2017307068	Iddea California, Llc
2017257377	Iomet Pharma Ltd.; Merck Sharp & Dohme Corp.	2017344125	Ping An Technology (Shenzhen) Co., Ltd.
2017258510	Dana-Farber Cancer Institute, Inc.	2017350549	iRobot Corporation
2017258665	Syngenta Participations AG	2017363221	Xinjiang Goldwind Science & Technology Co., Ltd.
2017258668	Syngenta Participations AG	2017363908	China University of Mining and Technology
2017258689	Omya International AG	2017381312	ABB Schweiz AG
2017258734	Citrix Systems, Inc.	2017391757	Sea-Nergy Pty Ltd
2017259038	Prothena Biosciences Limited	2017398662	Dong Han New Energy Automotive Technology Co., Ltd
2017259039	Prothena Biosciences Limited	2017399399	Ping An Technology (Shenzhen) Co., Ltd.
2017259160	Qualcomm Incorporated	2017402111	The Yokohama Rubber Co., Ltd.
2017259931	SEW-EURODRIVE GmbH & Co. KG	2017403379	Ping An Technology (Shenzhen) Co., Ltd.
2017260311	TerraPower, LLC	2017403385	Ping An Technology (Shenzhen) Co., Ltd.
2017260641	Qualcomm Incorporated	2017403386	Ping An Technology (Shenzhen) Co., Ltd.
2017260839	Aziende Chimiche Riunite Angelini Francesco A.C.R.A.F. S.p.A.	2017403550	China University of Mining and Technology; Xuzhou Zhonan Science & Technology Co., Ltd
2017261189	Cellular Research, Inc.	2017404119	Ping An Technology (Shenzhen) Co., Ltd.
2017261230	TerraPower, LLC	2017404562	Ping An Technology (Shenzhen) Co., Ltd.
2017261231	TerraPower, LLC	2018232968	Platinum Agribusiness Pty Ltd
2017261419	Vincent, P.		
2017262493	Qualcomm Incorporated		
2017262707	Boehringer Ingelheim International GmbH		
2017263075	British American Tobacco (Investments) Limited		
2017263236	Qualcomm Incorporated		
2017263531	Bayer Healthcare LLC; Baldwin, S.; Carpenter, S.; Kim, N.; Meyer, T.; Vancleave, J.		
2017263532	Bayer Healthcare LLC; Formulated Solutions, LLC; Baldwin, S.; Carpenter, S.; Graham, H.; Kim, N.; Meyer, T.; Reynolds, D.; Vancleave, J.; Dann, E.; Dann, T.; Nelson, R.; Dann, B.		
2017263533	Baldwin, S.; Carpenter, S.; Graham, H.; Kim, N.; Meyer, T.; Reynolds, D.; Vancleave, J.; Dann, E.; Dann, T.; Nelson, R.; Dann, B.; Bayer Healthcare LLC; Formulated Solutions, LLC		
2017263534	Bayer Healthcare LLC; Baldwin, S.; Kim, N.; Meyer, T.; Erixon, A.		
2017263538	Baldwin, S.; Carpenter, S.; Graham, H.; Kim, N.; Meyer, T.; Reynolds, D.; Vancleave, J.; Dann, E.; Dann, T.; Nelson, R.; Dann, B.; Bayer Healthcare LLC; Formulated Solutions, LLC		
2017263558	Amgen Inc.		
2017264552	Yara Marine Technologies AS		
2017264669	Qualcomm Incorporated		
2017265457	Novartis AG		
2017266726	Proponent Biotech GmbH		
2017267771	Komatsu Ltd.		

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2017231273				<u>A46B 9 /-</u>		<u>A61B 34 /-</u>		<u>A61H 39 /-</u>	
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2016401910	<u>A61K 48 /-</u>	2017223498 2017230775 2017265457	2017236163	2017236063 2017250369	2017236293
2017230737			<u>A61P 25 /-</u>	<u>A61P 9 /-</u>	<u>B01D 27 /-</u>
2017232554	2017241684		2017236163	2017256626 2017257211	2017254745
2017235116	2017244143	<u>A61M 16 /-</u>	2017238476 2017241776 2017242867 2017251256 2017253508		<u>B01D 33 /-</u>
2017238476	2017244519			<u>A61Q 11 /-</u>	2017236293
2017240069	2017250298	2017237252		2017245246 2017263531 2017263532 2017263533 2017263538	<u>B01D 39 /-</u>
2017242541		<u>A61M 25 /-</u>	<u>A61P 27 /-</u>		2017248281
2017244519	<u>A61K 6 /-</u>	2016401010 2016401014 2017234384 2017241891	2017240193 2017256626 2017257211 2017260839		<u>B01D 46 /-</u>
2017246289	2016400776 2016400777			<u>A61Q 17 /-</u>	2017246074 2017254745
2017246580		<u>A61M 29 /-</u>		2017263531 2017263532 2017263533	<u>B01D 53 /-</u>
<u>A61K 36 /-</u>	<u>A61K 8 /-</u>	2016401010	<u>A61P 29 /-</u>		2017238730 2017247705 2017251622 2017254745 2017264552
2017236489	2017227676		2017225371 2017238758 2017240193 2017242867	<u>A61Q 19 /-</u>	
2017253508	2017232395 2017240064 2017245246 2017263531 2017263532 2017263533 2017263534 2017263538	<u>A61M 3 /-</u>	<u>A61P 31 /-</u>	2017240064 2017263531 2017263532 2017263533 2017263534 2017263538	<u>B01F 13 /-</u>
<u>A61K 38 /-</u>	2016398029 2017222125 2017223595 2017226517 2017227676 2017230737 2017230891 2017232554 2017236879 2017237164 2017240069 2017241516 2017242541 2017242819 2017244269 2017249048 2017253508 2017260839 2017263531 2017263532 2017263533 2017263534 2017263538	<u>A61M 31 /-</u>	2017238758 2017240069		2017247057
2017230891		<u>A61M 35 /-</u>	<u>A61P 33 /-</u>	<u>A61Q 5 /-</u>	<u>B01F 15 /-</u>
2017234680	2017227676	2017241032 2017249048	2017251155	2017263531 2017263532 2017263533 2017263538	<u>B01F 13 /-</u>
2017236163	2017222125				2017247057
2017237164	2017223595	<u>A61M 37 /-</u>	<u>A61P 35 /-</u>	2017263531 2017263532 2017263533 2017263538	<u>B01F 15 /-</u>
2017240721	2017226517	2017227676	2017223416 2017225371 2017226517 2017235116 2017236489 2017238118 2017238758 2017240050 2017240250 2017242027 2017242155 2017244515 2017244519 2017246476 2017250010 2017250348 2017250369 2017256626 2017257211 2017257377 2017258510	<u>A61Q 5 /-</u>	<u>B01F 3 /-</u>
2017246289	2017232554	<u>A61M 39 /-</u>			2017246214
2017250010	2017236879	2017241891		<u>A61Q 7 /-</u>	<u>B01J 2 /-</u>
2017250507	2017237164			2017263531 2017263532 2017263533 2017263538	2017222125 2017293052
2017253549	2017240069	<u>A61M 5 /-</u>			<u>B01J 20 /-</u>
<u>A61K 39 /-</u>	2017241516	2017240763 2017293119 2017294448			2017253492
2016394956	2017242541	<u>A61N 1 /-</u>		<u>A61Q 90 /-</u>	<u>B01J 39 /-</u>
2017221444	2017242819	2017232365 2017238038 2017254363 2017281934		2017232395	2017253492
2017225906	2017244269			<u>A62B 17 /-</u>	<u>B01J 41 /-</u>
2017226956	2017249048	<u>A61N 5 /-</u>		2017254431	2017253492
2017231833	2017253508	2017241891		<u>A63B 53 /-</u>	<u>B01J 45 /-</u>
2017238118	2017260839	<u>A61P 1 /-</u>		2017246564	2017253492
2017238119	2017263531	2017236879 2017242819 2017262707	<u>A61P 37 /-</u>		<u>B03B 9 /-</u>
2017238218	2017263532		2017238758 2017240250 2017241776 2017244519 2017256626 2017257211	2017224830	2017222922
2017240250	2017263533	<u>A61P 11 /-</u>		<u>B01D 17 /-</u>	<u>B05B 11 /-</u>
2017241590	2017263538	2017242541 2017266726		2017246074	2017241996
2017241684	<u>A61L 101 /-</u>				
2017241776	2017245046				
2017243136		<u>A61N 5 /-</u>			
2017244515	<u>A61L 15 /-</u>	2017241891			
2017244519	2017247881				
2017246289		<u>A61P 1 /-</u>			
2017250348	<u>A61L 2 /-</u>	2017236879 2017242819 2017262707			
2017252343	2017235550				
2017252344	2017241891				
2017253549	2017245046				
<u>A61K 45 /-</u>	<u>A61L 27 /-</u>				
2017230891	2017230737				
2017236489	2017232902				
2017238217					
2017241684					
2017242819					
2017244515					
2017246289					
2017252460					
<u>A61K 47 /-</u>					
2017226517					
2017238118					
2017238119					

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<u>B06B 1 /-</u>	<u>B29C 67 /-</u>	<u>B60T 17 /-</u>	<u>B65D 85 /-</u>	<u>C02F 11 /-</u>	<u>C07C 61 /-</u>
2017232902	2017232902	2017228878	2017248301	2017258689	2017242027
2017232908	2017232908	2017244072			
	2017239144		<u>B65G 1 /-</u>		<u>C07C 65 /-</u>
<u>B07B 7 /-</u>	<u>B29D 30 /-</u>	<u>B60T 8 /-</u>	2017232270	<u>C02F 5 /-</u>	2017242867
2017293052	2017246197	2017252703		2017249052	
<u>B08B 7 /-</u>	<u>B32B 3 /-</u>	<u>B60W 40 /-</u>	<u>B65G 35 /-</u>	<u>C03C 17 /-</u>	<u>C07C 67 /-</u>
2017293052	2016401203	2017241321	2017232270	2016397939	2017232259
<u>B22C 3 /-</u>	<u>B33Y 70 /-</u>	<u>B61H 13 /-</u>	<u>B65G 63 /-</u>	2016397941	<u>C07C 69 /-</u>
2017238255	2017232902	2017228878	2017232270	<u>C04B 14 /-</u>	2017232259
<u>B22D 18 /-</u>	2017232908	<u>B61L 1 /-</u>	2017237397	2016403521	<u>C07D 209 /-</u>
2017246564	<u>B33Y 80 /-</u>	2017256412	<u>B66C 1 /-</u>	2017252004	2017242027
<u>B22D 21 /-</u>	2017232902	<u>B62D 55 /-</u>	2017283005	<u>C04B 2 /-</u>	<u>C07D 213 /-</u>
2017246564	2017232908	2017235215	<u>B66C 13 /-</u>	2017230307	2017258668
<u>B22D 25 /-</u>	<u>B41J 2 /-</u>	<u>B62J 6 /-</u>	2017248198	<u>C04B 26 /-</u>	<u>C07D 215 /-</u>
2017246564	2017223924	2017238156	<u>B66C 15 /-</u>	2016403521	2017242155
<u>B22F 7 /-</u>	<u>B41M 5 /-</u>	<u>B62M 3 /-</u>	2017248198	2017252004	<u>C07D 231 /-</u>
2017267771	2017223924	2017238156	<u>B66C 23 /-</u>	2017230307	2017237930
<u>B23K 9 /-</u>	<u>B41N 1 /-</u>	<u>B62M 6 /-</u>	2017248198	<u>C05D 9 /-</u>	2017250369
2017249998	2017233747	2017238156	<u>B66F 17 /-</u>	2017255943	<u>C07D 233 /-</u>
<u>B25B 21 /-</u>	<u>B42D 25 /-</u>	<u>B63B 43 /-</u>	2017248198	<u>C05F 11 /-</u>	2017237930
2017239292	2017243171	2017232429	<u>B66F 9 /-</u>	2017255935	<u>C07D 235 /-</u>
<u>B25D 17 /-</u>	2017245036	<u>B63B 45 /-</u>	2017248198	<u>C05G 3 /-</u>	2016394945
2017267771	2017251109	<u>B60C 11 /-</u>	<u>B82B 3 /-</u>	2017255935	<u>C07D 237 /-</u>
<u>B25J 13 /-</u>	2017402111	2017307068	2017238313	<u>C07C 215 /-</u>	2017251378
2017285019	<u>B60C 13 /-</u>	<u>B64C 1 /-</u>	<u>B82Y 5 /-</u>	2017240154	<u>C07D 239 /-</u>
<u>B25J 3 /-</u>	2017246197	2017226876	2017230891	2017248165	2017238758
2017231052	<u>B60H 1 /-</u>	<u>B64C 39 /-</u>	<u>C01B 11 /-</u>	<u>C07C 29 /-</u>	2017250369
<u>B25J 5 /-</u>	2017241321	2017226876	2017245046	2017232259	<u>C07D 249 /-</u>
2017285019	<u>B60L 11 /-</u>	<u>B65D 23 /-</u>	<u>C01B 21 /-</u>	<u>C07C 33 /-</u>	<u>C07D 261 /-</u>
<u>B25J 9 /-</u>	2017381312	2017263558	2017237252	2017232259	2017237930
2017285019	<u>B60N 2 /-</u>	<u>B65D 30 /-</u>	<u>C01D 5 /-</u>	<u>C07C 45 /-</u>	<u>C07D 263 /-</u>
<u>B28B 1 /-</u>	2016399956	2017248301	2017239010	2017232259	2017237930
2017238225	2017241321	<u>B65D 33 /-</u>	<u>C01F 11 /-</u>	<u>C07C 47 /-</u>	2017258668
<u>B28B 3 /-</u>	<u>B60Q 1 /-</u>	2017248301	2017230307	2017232259	<u>C07D 271 /-</u>
2017238255	2017307068	<u>B65D 83 /-</u>	<u>C02F 1 /-</u>	<u>C07C 51 /-</u>	2017237930
<u>B29C 43 /-</u>	<u>B60T 13 /-</u>	2017241032	2017234381	2017232259	2017250397
2016403521	2017244072	2017263531	2017245046	2017242867	<u>C07D 277 /-</u>
2017252004	<u>B60T 15 /-</u>	2017263532	2017253492	<u>C07C 57 /-</u>	2017237930
		2017263533	2017258689	2017224144	<u>C07D 285 /-</u>
		2017263534	<u>C02F 101 /-</u>	2017232259	2017237930
	2017228878	2017263538	2017253492	2017242027	

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<u>C07D 295 /-</u>		<u>C08G 64 /-</u>	<u>C12N 15 /-</u>	<u>C22C 33 /-</u>	<u>E01B 3 /-</u>
2017242867	<u>C07D 487 /-</u>	2017226517	2017222025	2017249489	2016403521
<u>C07D 401 /-</u>	2017229105	<u>C08J 3 /-</u>	2017231833	<u>C22C 35 /-</u>	2017252004
2017238758	2017246476	2017270026	2017235116	2017249489	<u>E01F 7 /-</u>
2016394945	2017250431	<u>C08J 5 /-</u>	2017237643	<u>C22C 37 /-</u>	2017238225
2017223416	2017251155	2017242303	2017240250	2017249489	<u>E02B 3 /-</u>
2017238758	2017251616	<u>C08J 9 /-</u>	2017240721	<u>C22C 38 /-</u>	2017238225
2017246476	2017254708	2017232429	2017241777	2017267771	<u>E02D 17 /-</u>
2017250369	<u>C07D 495 /-</u>	<u>C08L 1 /-</u>	2017244143	<u>C22F 1 /-</u>	2017238225
2017251616	2017237930	2017247881	2017244515	2017296410	<u>E02F 9 /-</u>
2017254708	<u>C07D 498 /-</u>	<u>C08L 29 /-</u>	2017244519	<u>C23F 11 /-</u>	2017267771
2017254711	2017225371	2017247881	2017245123	2017249052	<u>E04B 5 /-</u>
2017256626	2017246476	<u>C08L 75 /-</u>	2017246411	<u>C25B 1 /-</u>	2017282720
2017257211	<u>C07F 7 /-</u>	2017247881	2017246580	2017245046	<u>E05B 15 /-</u>
2017257377	2017242027	<u>C09B 69 /-</u>	2017253549	2017391757	2017239948
2017258665	<u>C07F 9 /-</u>	2017240154	2017255538	<u>C25B 9 /-</u>	<u>E05B 17 /-</u>
2017258668	2017231891	2017248165	<u>C12N 7 /-</u>	2017245046	2017239948
2017262707	2017240154	<u>C09D 11 /-</u>	2017221444	<u>D01D 5 /-</u>	<u>E05B 47 /-</u>
<u>C07D 403 /-</u>	2017248165	2017223924	2017241777	2017248281	2017239948
2016394945	<u>C07K 14 /-</u>	<u>C10G 73 /-</u>	<u>C12N 9 /-</u>	<u>D03J 1 /-</u>	<u>E05B 63 /-</u>
2017238758	20172334680	2017223707	2017222025	2017230137	2017239948
2017246476	2017237163	<u>C10J 3 /-</u>	<u>C12P 19 /-</u>	<u>D04B 35 /-</u>	<u>E05C 19 /-</u>
2017251378	2017237164	2017227808	2017241777	2017230137	2017239948
<u>C07D 405 /-</u>	2017243136	<u>C10M 103 /-</u>	<u>C12P 21 /-</u>	<u>D04H 1 /-</u>	<u>E05F 1 /-</u>
2016394945	2017244519	2017238255	2017231833	2016401205	2017249991
2017238758	2017247607	<u>C11D 3 /-</u>	2017244515	2016402255	<u>E05F 15 /-</u>
2017246476	2017250507	2017248215	<u>C12P 23 /-</u>	<u>D04H 13 /-</u>	2017249991
2017251378	<u>C07K 16 /-</u>	<u>C11D 7 /-</u>	2017245123	2016401205	<u>E21B 43 /-</u>
<u>C07D 409 /-</u>	2016394956	2017248215	<u>C12P 7 /-</u>	2016402255	2017248641
2017246476	2017226965	<u>C12C 7 /-</u>	2017391757	<u>D05B 67 /-</u>	<u>E21B 47 /-</u>
<u>C07D 413 /-</u>	2017231833	2017245255	<u>C12Q 1 /-</u>	2017230137	2017248641
2017237930	2017236063	<u>C12G 3 /-</u>	2017245123	<u>D05C 11 /-</u>	2017248641
2017246476	2017238218	2017248180	2017247057	2017230137	<u>E21C 35 /-</u>
2017251616	2017241776	<u>C12H 1 /-</u>	2017261189	<u>D06F 39 /-</u>	2017363908
2017262707	2017244515	2017245255	<u>C12P 7 /-</u>	2017253152	<u>E21D 15 /-</u>
<u>C07D 417 /-</u>	2017245612	<u>C12I 1 /-</u>	2017391757	<u>D06P 5 /-</u>	2016428717
2017223416	2017246289	<u>C12N 1 /-</u>	<u>C12R 1 /-</u>	2017230137	<u>F01M 1 /-</u>
2017237930	2017248626	2017222025	2017222025	<u>E01B 26 /-</u>	2016393839
2017246476	2017252343	<u>C12Q 1 /-</u>	<u>C21C 1 /-</u>	2017256412	<u>F01M 3 /-</u>
2017251616	2017252344	2017245123	2017249489		2016393839
2017262707	2017259038	<u>C12Q 1 /-</u>	<u>C22C 21 /-</u>		
<u>C07D 419 /-</u>	2017259039	2017245123	2017296410		
2017223416	<u>C07K 17 /-</u>	2017247057			
2017225371	2017237163	2017261189			
2017229105	<u>C07K 19 /-</u>	2017230137			
2017238842	2017237163	<u>D06F 39 /-</u>			
2017242027	<u>C07K 7 /-</u>	2017253152			
2017246476	2017247607	<u>E21D 15 /-</u>			
2017251616	2017252460	2016428717			
2017254708	2017253549	<u>F01M 1 /-</u>			
2017254702	<u>C08B 15 /-</u>	2016393839			
2017262707	2017270026	2016393839			
<u>C07D 471 /-</u>					
2017223416					
2017225371					
2017229105					
2017238842					
2017242027					
2017246476					
2017251616					
2017252460					
2017254708					
2017254711					
2017258665					
<u>C07D 473 /-</u>					
2017240050					

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F01N 3 /-	F16D 65 /-	F27D 21 /-	G01N 23 /-	G06F 11 /-	G06Q 50 /-
2017248873	2017239366	2017222968	2017240050	2017231718 2017250272	2016398422 2016398632 2017232730 2017237395 2017237397 2017241321 2017248334
F01P 3 /-	F16J 15 /-	F27D 9 /-	G01N 3 /-	G06F 17 /-	
2016393839	2017234645	2017222968	2017403550	2017232659 2017240604 2017243870 2017399399 2017404119	
F02B 75 /-	F16K 11 /-	F28D 1 /-	G01N 33 /-		G06T 1 /-
2016393839	2017228878	2016406843	2017222539 2017234381 2017238442 2017240154 2017246580 2017248165 2017252343 2017252344 2017256810 2017259038 2017259039		2017240604
F02F 3 /-	F16K 31 /-	F28D 20 /-		G06F 19 /-	G06T 11 /-
2016393839	2017228878	2017247009		2017225901 2017236163	2017238075
F02N 19 /-	F21L 4 /-	G01B 11 /-		G06F 21 /-	G06T 15 /-
2017244041	2017272150	2016401548		2017236880 2017240604 2017247547 2017403386	2017244109
F03B 13 /-	F21V 17 /-	G01C 21 /-	G01S 17 /-		G07F 17 /-
2017222389	2017272150	2017282889	2017250013		2017236457
F03D 13 /-	F23N 5 /-	G01C 3 /-	G01S 7 /-	G06F 3 /-	G07F 19 /-
2017225490	2017244041 2017251622	2017250013	2017250013	2017224830 2017244109 2017248267 2017274555	2017250272
F03D 17 /-	F24C 15 /-	G01D 3 /-	G01V 1 /-		G08C 17 /-
2017363221	2017224029 2017240835 2017246742 2017249221 2017271316	2017231718	2016409869	G06F 9 /-	2017256810
F03D 3 /-		G01G 17 /-	G02B 13 /-	2017258734	G09G 5 /-
2017225490		2018232968	2017244109	G06K 19 /-	2017274555
F03D 9 /-	F24C 7 /-	G01G 19 /-	G02B 27 /-	2016414197	G10K 11 /-
2017225490	2017248267	2017219614	2017244109	G06K 9 /-	2017238243
F04B 47 /-	F24F 11 /-	G01G 3 /-	G02B 5 /-	2017301369	G11B 27 /-
2017248641	2017220902	2017219614	2017245036	G06N 5 /-	2017222436 2017223395
F04B 49 /-	F24F 3 /-	G01L 1 /-	G02C 11 /-	2017231718	G21C 1 /-
2017248641	2017238730	2017238156	2017222694	G06N 7 /-	2017260311 2017261230 2017261231
F04D 29 /-	F24H 1 /-	G01L 3 /-	G02C 5 /-	2017231718	
2017234645	2017244041	2017238156	2017222694	G06Q 10 /-	G21C 11 /-
F04D 7 /-	F24H 9 /-	G01L 5 /-	G04B 47 /-	2017220078 2017231718 2017232730 2017237395 2017237397 2017245132 2017403385	2017261230
2017234645	2017244041	2017238156	2016398408	G06Q 20 /-	G21C 15 /-
F15B 1 /-	F25B 39 /-	G01M 17 /-	G04G 17 /-	2017250272 2017274264 2017284935 2017290263	2017261230
2017222389	2016406843	2017235215	2016398408	G06Q 40 /-	2017261230
F15B 7 /-	F25D 23 /-	G01M 99 /-	G05B 19 /-	2017403379	G21C 17 /-
2017222389	2017304158	2017231718	2017239292		2017260311
F16B 12 /-	F27B 17 /-	G01N 1 /-	G05D 1 /-		G21C 3 /-
2017242124	2017222968	2017233436	2017231273 2017285019 2017344125 2017404562		2017260311 2017261230 2017261231
F16C 27 /-	F27D 19 /-	G01N 21 /-			G21C 5 /-
2017239366	2017222968	2017237163 2017240835 2017251622			2017261230
F16D 11 /-					
2017239366					

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<u>H01F 27 /-</u>		<u>H04L 5 /-</u>	<u>H04W 74 /-</u>
2016395161	<u>H02K 33 /-</u>	2016400171	2017247235
<u>H01F 7 /-</u>	2017236575	2017259160	<u>H04W 88 /-</u>
2017236575	<u>H02K 41 /-</u>	2017260641	2017256810
<u>H01L 29 /-</u>	2017236575	2017263236	
2017238313	<u>H02N 2 /-</u>	<u>H04M 11 /-</u>	<u>H04W 92 /-</u>
<u>H01L 31 /-</u>	2017240043	2017285019	2017256810
2017398662	<u>H02S 20 /-</u>	<u>H04M 3 /-</u>	<u>H05B 1 /-</u>
<u>H01L 41 /-</u>	2017398662	2017283332	2017248267
2017240043	<u>H03F 3 /-</u>	<u>H04N 1 /-</u>	<u>H05B 3 /-</u>
<u>H01M 10 /-</u>	2017247879	2017233747	2017241996
2017242009	<u>H03K 17 /-</u>	<u>H04N 21 /-</u>	2017248267
<u>H01M 12 /-</u>	2017248267	2016398422	2017273689
2017242009	<u>H04B 1 /-</u>	2017240604	2017275531
<u>H01M 4 /-</u>	2017264669	<u>H04N 5 /-</u>	<u>H05B 33 /-</u>
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2017270872	2017250272	<u>H04Q 3 /-</u>	2017231020
<u>H01R 107 /-</u>	<u>H04B 5 /-</u>	2017283332	2017231928
2017254372	2017248083	<u>H04R 3 /-</u>	<u>H05B 6 /-</u>
<u>H01R 13 /-</u>	2017250272	2017222436	2017248267
2016396245	<u>H04B 7 /-</u>	2017223395	<u>H05B 7 /-</u>
2017254372	2017247235	<u>H04R 5 /-</u>	2017242646
<u>H01R 35 /-</u>	2017262493	2017261419	
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	2015377209		2014311389
2017201528		<u>G06F 3 /-</u>	
<u>D06F 37 /-</u>	<u>F03G 7 /-</u>	2013248253	<u>H04J 14 /-</u>
		2017200873	
2017201528	2016310895	2017225153	2014311389
<u>E01B 27 /-</u>	<u>F16K 1 /-</u>	<u>G06Q 30 /-</u>	<u>H04N 13 /-</u>
	2015383155	2015341687	2014295972
2015245605			
<u>E01C 15 /-</u>	<u>F24F 1 /-</u>	<u>G06T 3 /-</u>	<u>H04N 21 /-</u>
	2014301388	2015297230	2015341687
2014246660			
<u>E01C 5 /-</u>	<u>F24F 13 /-</u>	<u>G09F 19 /-</u>	<u>H04N 5 /-</u>
	2014301388	2015235889	2015297230
2014246660	2016242617		
<u>E01C 9 /-</u>	<u>F25B 1 /-</u>	<u>G10D 13 /-</u>	<u>H05B 6 /-</u>
		2012356340	2015294082
2014246660	2016242617		
<u>E02F 3 /-</u>	<u>F25B 13 /-</u>	<u>G10D 3 /-</u>	
		2012356340	
2014363361	2016242617		
2017203524		<u>G21F 7 /-</u>	
<u>E02F 5 /-</u>	<u>F25B 49 /-</u>	2014317256	
	2015351400		
2014363361	2016242617	<u>H01M 10 /-</u>	
<u>E02F 9 /-</u>	<u>G01J 3 /-</u>	2015402938	
2014363361	2016316933	<u>H01M 2 /-</u>	
2017203524		2015402938	
<u>E04B 1 /-</u>	<u>G01N 21 /-</u>	2015402938	
	2016316933	<u>H01M 4 /-</u>	
2016274459		2015402938	
<u>E04B 2 /-</u>	<u>G01N 27 /-</u>	2015402938	
	2017232143	<u>H01P 3 /-</u>	
2016274459		2017297627	
<u>E04C 5 /-</u>	<u>G01N 33 /-</u>	<u>H01Q 1 /-</u>	
	2013220148	2015390546	
2014224166	2017200733		
<u>E05C 17 /-</u>	<u>G02B 26 /-</u>	<u>H01R 13 /-</u>	
		2016285007	
2015296972	2016316933		

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2012392760 **Liverpool School of Tropical Medicine (Gliknik Inc.)**
 2015309939 **Asahi Kasei Medical Co., Ltd. (EMD Millipore Corporation)**

Opposition Withdrawn

2005325827 **Nestec S.A. (Fonterra Co-Operative Group Limited)**
 2014229179 **Devaraj, G.; Win, S.; Argenta Manufacturing Limited (Merial, Inc.)**

Patents Granted

Standard Patents

2011328736	2012272906	2012308694	2012308737
2012335277	2012339619	2012340393	2012351501
2012388759	2013209683	2013219650	2013225479
2013225721	2013226081	2013234401	2013245533
2013252888	2013258028	2013263706	2013267019
2013267021	2013274170	2013287433	2013289990
2013296278	2013308395	2013309716	2013314442
2013318164	2013320355	2013320360	2013322397
2013327638	2013329145	2013331427	2013331476
2013334438	2013334526	2013337730	2013343069
2013345169	2013346977	2013347184	2013347233
2013347933	2013348248	2013351412	2013351888
2013352259	2013355295	2013361214	2013361361
2013361683	2013362757	2013368969	2013370210
2013380234	2013380597	2013403225	2013408440
2014200695	2014201270	2014201438	2014203103
2014203510	2014204875	2014207836	2014207839
2014219279	2014221010	2014222276	2014225740
2014228568	2014231439	2014233738	2014235209
2014236594	2014237320	2014240026	2014240405
2014241715	2014245876	2014249545	2014249548
2014252757	2014261145	2014265793	2014268355
2014268536	2014270525	2014274253	2014275610
2014278148	2014278607	2014279389	2014282977
2014286527	2014286951	2014287008	2014287074
2014287228	2014291045	2014293291	2014299298
2014301423	2014307696	2014307798	2014310274
2014313817	2014324442	2014324916	2014326617
2014326989	2014335731	2014336716	2014342462
2014343563	2014345675	2014345910	2014347644
2014347734	2014348473	2014348914	2014352890
2014356406	2014357506	2014359396	2014360838
2014361085	2014361718	2014367337	2014372655
2014374155	2014375004	2014392531	2014393578
2014404642	2014408261	2014414402	2014415226
2014415442	2014415639	2015202034	2015208198
2015208214	2015208322	2015213560	2015213936
2015221187	2015223515	2015224174	2015224573
2015226237	2015226777	2015226799	2015226984
2015229833	2015230797	2015232357	2015238017
2015242310	2015243670	2015245603	2015248020
2015248303	2015252293	2015253299	2015253317
2015254431	2015256344	2015259667	2015264772
2015271837	2015275343	2015277366	2015277489
2015280138	2015282648	2015283159	2015283230
2015284047	2015285484	2015287336	2015287696
2015294537	2015306067	2015307709	2015309232
2015311866	2015312102	2015314279	2015314505
2015316010	2015317468	2015318257	2015326220

Patents Granted

Standard Patents

2015329435	2015330836	2015330838	2015331963
2015340292	2015342330	2015353634	2015354141
2015355397	2015359270	2015359407	2015363667
2015364648	2015366754	2015368335	2015369659
2015370528	2015371612	2015377012	2015377819
2015383332	2015385427	2015392017	2015410854
2016200621	2016200666	2016200856	2016202003
2016203392	2016203477	2016203725	2016203730
2016204156	2016208281	2016212085	2016213706
2016219673	2016222400	2016225837	2016226608
2016228157	2016228199	2016231567	2016232485
2016235085	2016235092	2016235985	2016238296
2016238955	2016241172	2016243089	2016244194
2016246463	2016251236	2016256751	2016259299
2016262538	2016269427	2016273961	2016274863
2016277720	2016279999	2016285678	2016287425
2016291219	2016302898	2016328761	2016356037
2017200422	2017200448	2017200924	2017201030
2017201095	2017201315	2017201441	2017201706
2017201886	2017201924	2017202015	2017202189
2017202571	2017203607	2017203674	2017204031
2017204061	2017204627	2017206220	2017258922
2017268494	2017272335	2018202586	

Innovation Patents

2018101274	2018101280	2018101283	2018101284
2018101289	2018101290	2018101291	2018101292
2018101298	2018101299	2018101300	2018101301
2018101304	2018101305	2018101307	2018101308
2018101309	2018101313	2018101314	2018101315
2018101316	2018101317	2018101318	2018101320
2018101323	2018101324	2018101325	2018101326
2018101327	2018101328	2018101330	2018101332
2018101333	2018101336	2018101337	2018101338

Assignments Registered

1999014295 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

1999034034 Nordion (Canada) Inc. The patent has been assigned to **BWXT ITG Canada, Inc.**

1999045874 Essilor International Compagnie Generale D'Optique The patent has been assigned to **Essilor International**

1999056028 Essilor International Compagnie Generale D'Optique The patent has been assigned to **Essilor International**

1999058309 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2000014886 Essilor International Compagnie Generale D'Optique The patent has been assigned to **Essilor International**

2000029954 Essilor International Compagnie Generale D'Optique The patent has been assigned to **Essilor International**

2000061315 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2000069392 Essilor International Compagnie Generale D'Optique The patent has been assigned to **Essilor International**

2001258764 Osaka Gas Co., Ltd.; Mitsubishi Heavy Industries, Ltd.; Nippon Yusen Kabushiki Kaisha; Chiyoda Corporation The patent has been assigned to **Mitsubishi Shipbuilding Co., Ltd.; Osaka Gas Co., Ltd.; Nippon Yusen Kabushiki Kaisha; Chiyoda Corporation**

Assignments Registered

2001272037 Innovative Met Products (Pty) Limited The patent has been assigned to **IMP Automation (Pty) Limited**

2002010160 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2002018361 Essilor International The patent has been assigned to **Essilor International**

2003204713 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2003204714 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2003227348 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2003257884 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2003294169 Flexsteel Pipeline Technologies, Inc. The patent has been assigned to **Trinity Bay Equipment Holdings, LLC**

2004202455 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2004224961 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2004231194 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2004261313 Ezytube Pty Limited The patent has been assigned to **SONOCO AUSTRALIA PTY LIMITED**

2004301168 CJ Burke Nominees Pty Limited The patent has been assigned to **Securicom (NSW) Pty Ltd**

2005200068 Flexsteel Pipeline Technologies, Inc. The patent has been assigned to **Trinity Bay Equipment Holdings, LLC**

2005205679 COD Technologies a.s. The patent has been assigned to **AMG Advanced Metallurgical Group Investment B.V.**

2005257667 COD Technologies A.S. The patent has been assigned to **AMG Advanced Metallurgical Group Investment B.V.**

2006202076 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2006202077 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2006251997 Woodstock Percussion Pty Ltd The patent has been assigned to **ANCON BUILDING SYSTEMS PTY LTD**

2007234465 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2007234514 Watts, Steven The patent has been assigned to **Midwest Tool and Cutlery Company**

2007297499 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2007300404 Harbor Biosciences, Inc. The patent has been assigned to **Neurmedix, Inc.**

2007339652 YOOSHIN ENGINEERING CO., LTD; Samsung C&T Corporation; NEW TECHNICAL INDUSTRY CO., LTD The patent has been assigned to **NEW TECHNICAL INDUSTRY CO., LTD**

Assignments Registered

2007353388 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2008202526 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2008207376 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2008207529 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2008207664 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2008207682 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2008284230 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2008284235 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2008316289 CJ Burke Nominees Pty Limited The patent has been assigned to **Microlatch Pty Ltd**

2008340409 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2009200408 CJ Burke Nominees Pty Limited The patent has been assigned to **Microlatch Pty Ltd**

2009201079 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2009201293 CJ Burke Nominees Pty Limited The patent has been assigned to **Securicom (NSW) Pty Ltd**

2009201533 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2009201973 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2009227883 Flexsteel Pipeline Technologies, Inc. The patent has been assigned to **Trinity Bay Equipment Holdings, LLC**

2009231589 Harbor BioSciences, Inc. The patent has been assigned to **Neurmedix, Inc.**

2009241526 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2009256009 Harbor BioSciences, Inc. The patent has been assigned to **Neurmedix, Inc.**

2009259081 Flexsteel Pipeline Technologies, Inc. The patent has been assigned to **Trinity Bay Equipment Holdings, LLC**

2009271516 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2009303747 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2009303748 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2010200261 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

Assignments Registered

2010201023 Harbor BioSciences, Inc. The patent has been assigned to **Neurmedix, Inc.**

2010201412 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010201413 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010201513 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010201514 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010201917 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010235898 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010241394 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010257359 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010264133 Koninklijke Philips Electronics N.V.; Sharp Kabushiki Kaisha The patent has been assigned to **Koninklijke Philips Electronics N.V.**

2010264227 Koninklijke Philips Electronics N.V.; Sharp Kabushiki Kaisha The patent has been assigned to **Koninklijke Philips Electronics N.V.**

2010271330 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010282933 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2010286900 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2010321834 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2010326307 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2010333902 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2010350184 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2010364307 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011200183 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011200247 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011200255 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011201452 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011203507 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

Assignments Registered

2011204802 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011235962 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011236099 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011239356 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011239357 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011239423 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011239427 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011239428 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011252963 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011252966 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011252970 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011253613 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011253632 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011253647 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011253666 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011256709 Nimbus Concepts, LLC The patent has been assigned to **Biomerics, LLC**

2011264568 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011268443 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011274435 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011274438 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011296535 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011299761 SK CHEMICALS CO., LTD. The patent has been assigned to **SK Bioscience Co., Ltd.**

2011300521 UCB Pharma S.A. The patent has been assigned to **UCB Biopharma SPRL**

2011313970 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

Assignments Registered

2011316944 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011329088 Mast Therapeutics, Inc. The patent has been assigned to **LifeRaft Biosciences, Inc.**

2011341609 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011341667 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011345303 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011345304 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011352968 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011360963 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2011361565 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2011366915 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011366916 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2011366917 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012200107 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012200469 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012200496 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012200525 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012200718 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012200739 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012200938 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012201289 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012201854 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012201855 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012202101 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012202213 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

Assignments Registered

2012202435 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012205128 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012205258 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012205260 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012209007 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012214596 GSM (Operations) Pty Ltd The patent has been assigned to **Boardriders IP Holdings, LLC**

2012216444 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012216446 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012227724 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012244206 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012244262 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012258455 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012258458 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012265584 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012265586 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012273299 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012282939 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012289908 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012289920 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2012295407 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012302078 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2012304860 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012309036 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012309080 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

Assignments Registered

2012316562 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012316693 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012318605 Flexsteel Pipeline Technologies, Inc. The patent has been assigned to **Trinity Bay Equipment Holdings, LLC**

2012319064 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012352838 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012358382 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012362990 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012364670 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2012396049 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2013200326 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200431 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200491 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200539 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200540 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200541 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013200543 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200545 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200546 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013200835 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2013201341 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013202065 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013202491 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013202499 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013202500 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

Assignments Registered

2013202505 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013202936 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013205216 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013205663 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013205718 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013205918 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013206001 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013206002 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013206452 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013206737 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013209300 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013216649 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013226516 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2013231120 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013231124 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013231857 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013237668 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013237720 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013237834 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013245510 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013245549 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013251343 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013273689 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013281125 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

Assignments Registered

2013288712 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013288713 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013303110 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2013315063 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013317745 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2013345397 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2013363572 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2013372975 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2013391487 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2014200335 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014200898 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014200929 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014201065 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014201358 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014201379 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014201490 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014202218 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014202462 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014202781 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014203473 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014207413 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014214603 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014216167 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014221314 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

Assignments Registered

2014227498 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014227560 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014233218 Makefield LLC The patent has been assigned to **HERO HEALTH, INC.**

2014233575 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014240323 CJ Burke Nominees Pty Limited The patent has been assigned to **Microlatch Pty Ltd**

2014259590 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014271301 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014271335 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2014280912 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2014285164 Naikai Salt Industries Co., Ltd.; Mitsubishi Heavy Industries, Ltd.; Aqua Systems Limited The patent has been assigned to **Naikai Salt Industries Co., Ltd.; Aqua Systems Limited; Mitsubishi Heavy Industries Engineering, Ltd.**

2014285172 Mitsubishi Heavy Industries, Ltd.; Aqua Systems Limited The patent has been assigned to **Aqua Systems Limited; Mitsubishi Heavy Industries Engineering, Ltd.**

2015200038 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015200239 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015200309 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015200487 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2015200488 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2015201031 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015201063 General Electric Company The patent has been assigned to **BL Technologies, Inc.**

2015201337 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015202177 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015202224 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015202228 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2015202232 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

Assignments Registered

2015202548 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015202551 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015203867 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2015230856 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015258227 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015260215 Japan International Research Center for Agricultural Sciences; IHI Enviro Corporation The patent has been assigned to **Japan International Research Center for Agricultural Sciences; IHI Corporation**

2015260217 IHI Enviro Corporation The patent has been assigned to **IHI Corporation**

2015260226 Japan International Research Center for Agricultural Sciences; IHI Enviro Corporation The patent has been assigned to **Japan International Research Center for Agricultural Sciences; IHI Corporation**

2015261597 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2015275307 Cibus Europe B.V.; Incima IPCO B.V. The patent has been assigned to **Cibus Europe B.V.**

2016200521 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2016201403 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2016201501 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2016202732 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2016202735 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2016202862 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

2016203104 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2016204337 LF Centennial Limited The patent has been assigned to **Living Style (B.V.I.) Ltd**

2016210667 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2016213888 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2016250328 Joy MM Delaware, Inc. The patent has been assigned to **Joy Global Underground Mining LLC**

2017100376 Centre for Eye Research Australia Limited; Tecan Trading AG The patent has been assigned to **Tecan Trading AG**

2017203382 Harnischfeger Technologies, Inc. The patent has been assigned to **Joy Global Surface Mining Inc**

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.

2009286380 **Pfizer Inc.**
The earliest first regulatory approval date provided by the patentee 17 Aug 2018
For the goods **STEGLATRO 5 ertugliflozin**

2010313785 **iX Biopharma Ltd**
The earliest first regulatory approval date provided by the patentee 14 Jun 2018
For the goods **WAFESIL sildenafil citrate**

2013200682 **iX Biopharma Ltd**
The earliest first regulatory approval date provided by the patentee 14 Jun 2018
For the goods **WAFESIL sildenafil citrate**

Applications Accepted

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

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

2000031542 **Novartis AG**
The earliest first regulatory approval date provided by the patentee 17 May 2018
For the goods **RYDAPT midostaurin**
Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2009202609 **Wyeth Holdings LLC.**
The earliest first regulatory approval date provided by the patentee 17 May 2018
For the goods **BESPONSA inotuzumab ozogamicin**
Address for service : Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2009286380 **Pfizer Inc.**
The earliest first regulatory approval date provided by the patentee 17 Aug 2018
For the goods **STEGLATRO 5 ertugliflozin**
Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2012244218 **Wyeth Holdings LLC.**
The earliest first regulatory approval date provided by the patentee 17 May 2018
For the goods **BESPONSA inotuzumab ozogamicin (rch)**
Address for service : Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2013203780 **Exelixis, Inc.**
The earliest first regulatory approval date provided by the patentee 19 Jan 2018
For the goods **CABOMETYX cabozantinib (as (S)-malate)**
Address for service : Shelston IP Pty Ltd. 60 Margaret St Sydney NSW 2000 AU

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

2015246156 **Wyeth Holdings LLC.**

The earliest first regulatory approval date provided by the patentee 17 May 2018

For the goods BESPONSA inotuzumab ozogamicin (rch)

Address for service : Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

Corrigenda

In Vol 30 , No 47 , Page(s) 6912 under the heading **Assignments Before Grant, Section 113 - 2014** Under the name Nano Composition Products, Inc., Application No. 2014229010, under INID (71) correct the applicant name to Nano Composite Products, Inc.

In Vol 31 , No 19 , Page(s) 2847 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Mack Rides GmbH & Co. KG, Application No. 2015326775, under INID (72) correct the co-inventor to Burger, Günter

In Vol 31 , No 42 , Page(s) 6061 under the heading **Provisional Applications Filed - Name Index** Under the name Graeme Attey, Application No. 2017904065, under INID (71) correct the applicant name to HIVAP Pty Ltd

In Vol 32 , No 21 , Page(s) 3005 under the heading **Provisional Applications Filed - Name Index** Under the name AERO CHAMBER PTY LTD, Application No. 2018901562, under INID (22) correct Date of Filing Application to read 22 May 2018

In Vol 32 , No 25 , Page(s) 3571 under the heading **Applications OPI - Name Index** Under the name Sarong Societa' Per Azioni, Application No. 2018204041, under INID (22) correct Date of Filing Application to read 07 June 2018

In Vol 32 , No 34 , Page(s) 4907 under the heading **Applications Accepted - Name Index** Under the name Mack Rides GmbH & Co. KG, Application No. 2015326775, under INID (72) correct the co-inventor to Burger, Günter

In Vol 32 , No 37 , Page(s) 5204 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name 3M Innovative Properties Company, Application No. 2017229342, under INID (72) correct the co-inventor to Kanukurthy, Kiran S.

Specifications Republished

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

2015345046 **FMC Kongsberg Subsea AS**