



**Australian Government**

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**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](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

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

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

### **(i) FILING -**

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete applications filed - Name Index</b>	
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>
<b>C) Applications open to public inspection - Name Index</b>		<b>D) Applications accepted - Name Index</b>	
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>
<b>E) Patents Certified – Name Index</b>	
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)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (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 11 Jun 2019 .

(71) 6clicks Pty Ltd (21) 2019901995 (22) 07.06.2019 (54) Digital Platform	(71) Archibald, D. (21) 2019901991 (22) 07.06.2019 (54) COMPOSITIONS AND METHODS BASED ON SYNERGY BETWEEN PLUMBAGIN AND XANTHOTHUMOL FOR THE PREVENTION AND TREAT- MENT OF CANCER	(71) Branach Technology Pty Ltd (21) 2019902049 (22) 12.06.2019 (54) A COUPLING DEVICE FOR A LAD- DER
(71) A.C.N. 166 815 603 PTY LTD (21) 2019902005 (22) 09.06.2019 (54) Compare Education Costs Pty Ltd (CEC) is an international education or- ganisation offering student education services pertaining to undertaking study in Australia.	(71) Ausco Modular Pty Limited (21) 2019902083 (22) 14.06.2019 (54) Construction System	(71) Bright Minz Pty Ltd (21) 2019902031 (22) 11.06.2019 (54) Process for the Recovery of Sodium Hydroxide
(71) ACS EQUIP PTY. LTD. (21) 2019902071 (22) 14.06.2019 (54) Waterbore Redevelopment & Cleaning	(71) Australian Electric Car Manufacturing Pty Ltd (21) 2019901979 (22) 07.06.2019 (54) Floating evaporation control device	(71) Brydyl Pty Ltd. (21) 2019902028 (22) 11.06.2019 (54) GIFT WRAPPING SYSTEM
(71) ACS EQUIP PTY. LTD. (21) 2019902072 (22) 14.06.2019 (54) Waterbore Chemical injection process	(71) Barker, L. (21) 2019901998 (22) 08.06.2019 (54) CLADDING ASSEMBLY	(71) Buttermilk Industries Pty Limited (21) 2019902019 (22) 11.06.2019 (54) Heating device
(71) ACS EQUIP PTY. LTD. (21) 2019902073 (22) 14.06.2019 (54) Waterbore redevelopment via high pressure jetting exceeding 600PSI	(71) Barker, R.; Keogh, M.H.M. (21) 2019902069 (22) 14.06.2019 (54) Blade Sharpener Device	(71) Camarena-Vasquez, G. (21) 2019902060 (22) 13.06.2019 (54) Motorised wheelchair conversion ap- paratus
(71) Advanced Fleet Signs Pty Ltd (21) 2019902037 (22) 12.06.2019 (54) Baby Feeding Cover	(71) Beacon Lighting International Limited (21) 2019901985 (22) 07.06.2019 (54) Airflow device	<b>CERAMICS, F. see Cummins, J.</b> (21) 2019902011
(71) All Footings Solutions Pty Ltd (21) 2019902050 (22) 12.06.2019 (54) A footing	(71) BLACKWOOD-EDDY PTY LTD (21) 2019902058 (22) 13.06.2019 (54) marine vessel structure	<b>CERAMICS, F. see Cummins, J.</b> (21) 2019902032
(71) Anderson, D.; Hollyman, B. (21) 2019902079 (22) 14.06.2019 (54) Variable weight-bearing walking aid	(71) Bluerg Pty Ltd (21) 2019902070 (22) 14.06.2019 (54) Improved Bra	(71) Children's Medical Research Institute (21) 2019902078 (22) 14.06.2019 (54) Methods of treating cancer
(71) Animal Ethics Pty Ltd (21) 2019902023 (22) 11.06.2019 (54) Pain relieving method		(71) CMTE Development Limited (21) 2019901993 (22) 07.06.2019 (54) Improved explosive composition
		(71) Collective Giving Australia Ltd (21) 2019902033 (22) 12.06.2019 (54) Democratised donation facilitation sys- tem and method

Provisional Applications Filed - Name Index cont'd

(71) CSL Innovation Pty Ltd (21) 2019902044 (22) 12.06.2019 (54) SOLUBLE COMPLEMENT RECEPTOR TYPE 1 VARIANT CONJUGATES AND USES THEREOF	(71) Downie, K. (21) 2019902035 (22) 12.06.2019 (54) Baby Feeding Cover	(71) Hardcastle, P. (21) 2019902008 (22) 10.06.2019 (54) High Efficiency Air Conditioner
(71) CSL Innovation Pty Ltd (21) 2019902053 (22) 12.06.2019 (54) SOLUBLE COMPLEMENT RECEPTOR TYPE 1 VARIANT CONJUGATES AND USES THEREOF	(71) Eglinton, G. (21) 2019901996 (22) 07.06.2019 (54) Fertiliser Rings	(71) Helmich Pty Ltd (21) 2019902075 (22) 14.06.2019 (54) An all in one baby bottle feeding set up that integrates distilled water with baby formula
(71) CSR Building Products Limited (21) 2019902064 (22) 13.06.2019 (54) Panel Mounting	(71) ETP Ion Detect Pty Ltd (21) 2019901981 (22) 07.06.2019 (54) DETECTOR COMPRISING TRANSMISSION SECONDARY ELECTRON EMISSION MEANS	(71) Hockley, M. (21) 2019902013 (22) 10.06.2019 (54) ROCK ANCHOR HOLE PLUG AND METHOD OF USE
(71) Cummins, J.; CERAMICS, F. (21) 2019902011 (22) 10.06.2019 (54) A PROCESS FOR THE MANUFACTURE OF A UNIQUE SUBSTRATE WHICH IS FLUID PERMEABLE, WHICH BENEFICIALLY UTILIZES COSTLY TO DISPOSE OF INDUSTRIAL WASTE RESIDUES, IS HARD WEARING AND RESISTANT TO DEGRADATION BY UV, AND WHICH DOES NOT REQUIRE EXPENSIVE DRAINAGE INFRASTRUCTURE WHEN USED IN URBAN TRAFFICABLE APPLICATIONS	(71) Euclidean Holographics Pty Ltd (21) 2019901990 (22) 07.06.2019 (54) A POSITION TRACKING SYSTEM FOR A VIRTUAL ENVIRONMENT	Hollyman, B. see Anderson, D. (21) 2019902079
(71) Cummins, S. see Cummins, J. (21) 2019902032	(71) Farmout Pty Ltd (21) 2019902077 (22) 14.06.2019 (54) Food products	(71) InvertedPower Pty Ltd (21) 2019902046 (22) 12.06.2019 (54) An electric vehicle DC-DC boost converter
(71) Cummins, J.; Cummins, S.; CERAMICS, F. (21) 2019902032 (22) 12.06.2019 (54) A process for the composition of an inert product, which is suitable as a high strength, crush resistant and water resistant filler, which beneficially utilises wastes from mining and industry, and is ideal for use as a filler for composites, and the ambient curing thereof.	(71) Firebrick Pharma Pty Ltd (21) 2019902006 (22) 10.06.2019 (54) Prevention of infection by highly pathogenic viruses using topical application of povidone-iodine on mucous membranes	(71) IPH001 Pty Ltd (21) 2019902063 (22) 13.06.2019 (54) Novoglan Balloon
(71) D & V Enterprise Pty Ltd (21) 2019902059 (22) 13.06.2019 (54) Smelting of metal containing materials	(71) Fundar Pty Ltd (21) 2019902030 (22) 11.06.2019 (54) A provider independent account identification system and method therefor	(71) Jam Packed Enterprises Pty Ltd (21) 2019901978 (22) 07.06.2019 (54) Food Storage Container and Cooling Blocks
(71) De Motu Cordis Pty Ltd (21) 2019902040 (22) 12.06.2019 (54) Method and device for respiratory drug delivery	(71) Gardner, A. (21) 2019902003 (22) 09.06.2019 (54) Recyclable coffee cup.	(71) JENKINS, A. (21) 2019902038 (22) 12.06.2019 (54) Liquid control apparatus and related methods
(71) Doherty, A. (21) 2019902015 (22) 11.06.2019 (54) METHOD OF TREATING CONTAMINATED GROUNDWATER	(71) Go Medical Industries Pty Ltd (21) 2019902041 (22) 12.06.2019 (54) New Therapeutic Treatment Combination	(71) Johnstone, M. (21) 2019902029 (22) 11.06.2019 (54) VETech B Virtual Device
	(71) Gomez, R. (21) 2019902004 (22) 09.06.2019 (54) Large Membrane Unipolar Electrolyser	(71) JWM Innovations Pty Ltd (21) 2019902062 (22) 13.06.2019 (54) A DRILLING ASSEMBLY
	(71) Goodman Fielder New Zealand Limited (21) 2019902039 (22) 12.06.2019 (54) ANTIMICROBIAL FOOD PACKAGING	(71) Kangaroo Medtek Pty Ltd (21) 2019902065 (22) 13.06.2019 (54) A device for supplying a tensioning force, an apparatus and method for the same
	(71) Graphlex Technology Pty Ltd (21) 2019902007 (22) 10.06.2019 (54) An in-belt idler resistance sensor and logging system for the condition monitoring of endless conveyor belts	Keogh, M.H.M. see Barker, R. (21) 2019902069
		(71) KERON, N. (21) 2019902017 (22) 11.06.2019 (54) DEIONISATION AND DESALINATION USING ELECTROSTATIC ION CONVEYING

Provisional Applications Filed - Name Index cont'd

(71) King, M.  
 (21) 2019901988 (22) 07.06.2019  
 (54) Helmet housing and notification device  
 Designed to ensure helmets are left  
 with the a hire device (e.g. scooter or  
 bicycle) at the end of the journey. De-  
 signed to ensure the computer system  
 is aware of when a helmet has been left  
 with vehicle to allow the completion of  
 the fare Designed to notify the vehicle  
 operators when a vehicle is without a  
 helmet to allow for maintenance crew to  
 rectify.

(71) Ko, S.  
 (21) 2019902081 (22) 14.06.2019  
 (54) Treatment for fungal infections

(71) Koch, P.W.  
 (21) 2019902014 (22) 10.06.2019  
 (54) A VARIABLE BEAM VESSEL

(71) Little, G.  
 (21) 2019902084 (22) 14.06.2019  
 (54) A Therapy Apparatus and Method of  
 Use

(71) Loftus, D.  
 (21) 2019901983 (22) 07.06.2019  
 (54) A cap for a drainage pipe

(71) Lumicare IP Pty Ltd  
 (21) 2019902067 (22) 13.06.2019  
 (54) A METHOD AND DEVICE FOR THE  
 HIGH-LEVEL DISINFECTION OF  
 MEDICAL INSTRUMENTS

(71) Lumicare IP Pty Ltd  
 (21) 2019902086 (22) 14.06.2019  
 (54) AN ULTRASOUND TRANSDUCER  
 DISINFECTING METHOD, DEVICE  
 AND ELECTRONIC APPARATUS CAP-  
 ABLE OF MONITORINIG HEAT

(71) Macquarie University  
 (21) 2019902034 (22) 12.06.2019  
 (54) Corrosion resistant coatings

(71) MACQUARIE UNIVERSITY  
 (21) 2019901992 (22) 07.06.2019  
 (54) Method and Materials

(71) Mann, R.  
 (21) 2019902010 (22) 10.06.2019  
 (54) A LEVEL DEVICE

(71) Mannion, B.  
 (21) 2019902051 (22) 12.06.2019  
 (54) Sports Practice Aid

(71) Marshall, V.  
 (21) 2019902012 (22) 10.06.2019  
 (54) A doona cover that is easier to put on  
 and take off and will also keep your  
 doona in place.

(71) Mesoblast International Sarl  
 (21) 2019902024 (22) 11.06.2019  
 (54) Functional recovery from Cerebral In-  
 farction

(71) Milic, A.  
 (21) 2019902036 (22) 12.06.2019  
 (54) The Nappy Rash Pad

(71) Motherson Innovations Company Lim-  
 ited  
 (21) 2019902052 (22) 12.06.2019  
 (54) BLADDER CANCER DETECTION  
 METHODS

(71) NewSouth Innovations Pty Limited;  
 Sydney Water Corporation  
 (21) 2019902045 (22) 12.06.2019  
 (54) Filtration membrane and method of pro-  
 duction thereof

(71) NewSouth Innovations Pty Limited  
 (21) 2019902087 (22) 14.06.2019  
 (54) APPARATUS AND METHODS FOR IN-  
 VESTIGATING CONTACTING STRUC-  
 TURES ON SEMICONDUCTOR MA-  
 TERIALS USING MAGNETIC FIELD  
 MEASUREMENTS

(71) NOH5 Cooling Pty Ltd  
 (21) 2019902061 (22) 13.06.2019  
 (54) VACUUM COOLING SYSTEM AND  
 METHOD

(71) Ozroll IP Pty Ltd  
 (21) 2019902043 (22) 12.06.2019  
 (54) ROLLER SCREEN

(71) Pagden, K.  
 (21) 2019902088 (22) 17.06.2019  
 (54) Step-up 12 volt DC to 415 V AC gen-  
 erator powered by renewable energy  
 sources

(71) PayWith Worldwide  
 (21) 2019901999 (22) 08.06.2019  
 (54) Personalized payment process using  
 multiple funding sources and accounts

(71) Polyplas International Pty Ltd  
 (21) 2019902020 (22) 11.06.2019  
 (54) An Assembly for Bracing Suspended  
 Non-Structural Building Components

(71) Private Client Consulting Pty Ltd  
 (21) 2019902025 (22) 11.06.2019  
 (54) Tracking Passengers

(71) QUEENSLAND UNIVERSITY OF  
 TECHNOLOGY  
 (21) 2019901994 (22) 07.06.2019  
 (54) MATERIAL FOR A BIORESORBABLE  
 IMPLANT, BIORESORBABLE IM-  
 PLANT AND METHOD OF MAKING A  
 BIORESORBABLE IMPLANT

(71) RDCCO Pty Ltd  
 (21) 2019902080 (22) 14.06.2019  
 (54) Alarm Communicator, Signalling Ser-  
 vice and Method of Operation

(71) Reliance Worldwide Corporation (Aust.)  
 Pty. Ltd.  
 (21) 2019902047 (22) 12.06.2019  
 (54) A Valve Device

(71) Reliance Worldwide Corporation (Aust.)  
 Pty. Ltd.  
 (21) 2019902048 (22) 12.06.2019  
 (54) A Valve Device

(71) Richards, M.  
 (21) 2019902068 (22) 13.06.2019  
 (54) A surfboard storage system for inside  
 a vehicle or within the utility tray of a  
 vehicle

(71) River Watch Limited  
 (21) 2019902009 (22) 10.06.2019  
 (54) WATER MONITORING DEVICE

(71) RmZm Pty Limited  
 (21) 2019902085 (22) 14.06.2019  
 (54) Content Platform

(71) Scott, P.  
 (21) 2019901980 (22) 07.06.2019  
 (54) MEDICAL APPARATUS

(71) Securemesh Pty Ltd  
 (21) 2019902026 (22) 11.06.2019  
 (54) SCREEN FRAME ASSEMBLY

(71) Sewell Instruments Pty Ltd  
 (21) 2019901986 (22) 07.06.2019  
 (54) Watercraft

(71) SHARPIE INNOVATIONS PTY LTD  
 (21) 2019902056 (22) 12.06.2019  
 (54) A device and a method for supplying  
 power for an electrolysis system

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<hr/> <p>(71) SomnoMed Limited (21) 2019901984 (22) 07.06.2019 (54) A locking assembly for a medical device</p> <hr/> <p>(71) SPEQS Limited (21) 2019901987 (22) 07.06.2019 (54) EYE TEST</p> <hr/> <p>(71) Splitters Creek Consulting Pty. Ltd. (21) 2019902016 (22) 11.06.2019 (54) MODULAR DEVICE</p> <hr/> <p><b>Sydney Water Corporation see NewSouth Innovations Pty Limited</b> (21) 2019902045</p> <hr/> <p>(71) Taverner, J. (21) 2019901982 (22) 07.06.2019 (54) The bottle tongs are a long pair of tongs that has a strap at the end. It is used in bottle shops to straighten wine or spirit bottles. You slide the tongs over the top of the row and lower the strap behind the last bottle, with one hand you hold the front bottle and with the other hand you pull the tongs towards you. The strap catches the back bottle and forces all the bottles into a neat row.</p> <hr/> <p>(71) The Bionics Institute of Australia (21) 2019901989 (22) 07.06.2019 (54) Method and system for detecting neural activity</p> <hr/> <p>(71) The University of Adelaide (21) 2019902074 (22) 14.06.2019 (54) A METHOD AND SYSTEM FOR CLASSIFYING SLEEP RELATED BRAIN ACTIVITY</p> <hr/> <p>(71) The University of Melbourne (21) 2019902082 (22) 14.06.2019 (54) Shear-Induced Phase Inversion of Complex Emulsions For Recovery of Organic Components from Biomass</p> <hr/> <p>(71) The University of Sydney (21) 2019902001 (22) 08.06.2019 (54) Powder formulations of liposome-encapsulated nanocrystals and methods of producing the same</p> <hr/> <p>(71) TNA Australia Pty Limited (21) 2019902066 (22) 13.06.2019 (54) An assembly for forming bags</p> <hr/>	<p>(71) Trigger Engineering &amp; Consulting Pty Ltd (21) 2019902027 (22) 11.06.2019 (54) Improved fence post stay</p> <hr/> <p>(71) Ubugunov, V. (21) 2019901997 (22) 07.06.2019 (54) SEXUAL EXPERIENCE ASSEMBLY</p> <hr/> <p>(71) Unbnd Group Pty Ltd (21) 2019902055 (22) 12.06.2019 (54) TECHNOLOGY ADAPTED TO PROVIDE A USER INTERFACE VIA PRESENTATION OF TWO-DIMENSIONAL CONTENT VIA THREE-DIMENSIONAL DISPLAY OBJECTS RENDERED IN A NAVIGABLE VIRTUAL SPACE</p> <hr/> <p>(71) University of South Australia (21) 2019902054 (22) 12.06.2019 (54) PROSTATE CANCER DETECTION</p> <hr/> <p>(71) University of South Australia (21) 2019902076 (22) 14.06.2019 (54) SLURRY TASTER</p> <hr/> <p>(71) WATTS, L. (21) 2019902021 (22) 11.06.2019 (54) A SELF CLEANING WATER TROUGH</p> <hr/> <p>(71) WAVECO PTY LTD (21) 2019902000 (22) 08.06.2019 (54) ARTIFICIAL REEF</p> <hr/> <p>(71) WHEEN, A. (21) 2019902018 (22) 11.06.2019 (54) Water Storage and Transport System</p> <hr/> <p>(71) wild, c. (21) 2019902002 (22) 08.06.2019 (54) modified drinking straw/tube/stick with reloadable reservoir for additives and water filter</p> <hr/> <p>(71) Woodside Energy Technologies Pty Ltd (21) 2019902042 (22) 12.06.2019 (54) SPLIT WASHER ASSEMBLY</p> <hr/> <p>(71) Yunuskhodjaev, A. (21) 2019902022 (22) 11.06.2019 (54) Reusable, foldable and pallet integrated pallet made from various fabrics and materials.</p> <hr/> <p>(71) Zhang, S. (21) 2019902057 (22) 12.06.2019 (54) Minus Pressure Source Engine</p> <hr/>
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2019902001	The University of Sydney	2019902068	Richards, M.
2019902002	wild, c.	2019902069	Barker, R.; Keogh, M.H.M.
2019902003	Gardner, A.	2019902070	Bluerg Pty Ltd
2019902004	Gomez, R.	2019902071	ACS EQUIP PTY. LTD.
2019902005	A.C.N. 166 815 603 PTY LTD	2019902072	ACS EQUIP PTY. LTD.
2019902006	Firebrick Pharma Pty Ltd	2019902073	ACS EQUIP PTY. LTD.
2019902007	Graphlex Technology Pty Ltd	2019902074	The University of Adelaide
2019902008	Hardcastle, P.	2019902075	Helmich Pty Ltd
2019902009	River Watch Limited	2019902076	University of South Australia
2019902010	Mann, R.	2019902077	Farmout Pty Ltd
2019902011	Cummins, J.; CERAMICS, F.	2019902078	Children's Medical Research Institute
2019902012	Marshall, V.	2019902079	Anderson, D.; Hollyman, B.
2019902013	Hockley, M.	2019902080	RDCCO Pty Ltd
2019902014	Koch, P.W.	2019902081	Ko, S.
2019902015	Doherty, A.	2019902082	The University of Melbourne
2019902016	Splitters Creek Consulting Pty. Ltd.	2019902083	Ausco Modular Pty Limited
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2019902023	Animal Ethics Pty Ltd		
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2019902041	Go Medical Industries Pty Ltd		
2019902042	Woodside Energy Technologies Pty Ltd		
2019902043	Ozroll IP Pty Ltd		
2019902044	CSL Innovation Pty Ltd		

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jun 2019 .

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

<hr/> <p>(71) Ab Initio Technology LLC (21) 2019204087 (22) 11.06.2019 (54) DATA PROCESSING GRAPH COM- PILATION (62) 2016306489</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2019204148 (22) 13.06.2019 (54) EDITING AND COMPILING BUSINESS RULES (62) 2018203660</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2019204127 (22) 13.06.2019 (54) Combined use of GDF traps and eryth- ropoietin receptor activators to increase red blood cell levels (62) 2017203192</p> <hr/> <p>(71) Accenture Global Services Limited (21) 2019204134 (22) 13.06.2019 (54) FUTURE ORDER THROTTLING (62) 2016248018</p> <hr/> <p>(71) Adjuvants Plus USA, Inc. (21) 2019204162 (22) 13.06.2019 (54) CLONOSTACHYS ROSEA INOCU- LATED PLANT MATERIALS WITH FUNGICIDES AND ADJUVANTS (62) 2015289827</p> <hr/> <p>(71) Adox Pty Ltd (21) 2019204088 (22) 11.06.2019 (54) Monitoring System (62) 2017254970</p> <hr/> <p>(71) Afiniti Europe Technologies Limited (21) 2019204138 (22) 13.06.2019 (54) TECHNIQUES FOR CASE ALLOCA- TION (62) 2016361673</p> <hr/> <p>(71) Afton Chemical Corporation (21) 2019204193 (22) 14.06.2019 (54) QUATERNARY AMMONIUM FUEL AD- DITIVES (31) 16/009,403 (32) 15.06.18 (33) US</p> <hr/> <p>(71) AgGenetics, Inc. (21) 2019204084 (22) 11.06.2019</p>	<p>(54) Transgenic animals with customizable traits (62) 2017213487</p> <hr/> <p>(71) Allergan, Inc. (21) 2019204192 (22) 14.06.2019 (54) A crystalline form of cyclosporine A, methods of preparation, and methods for use thereof (62) 2017265008</p> <hr/> <p>(71) Altech Chemicals Australia Pty Ltd (21) 2019204216 (22) 14.06.2019 (54) A METHOD FOR THE PREPARATION OF ALUMINA (62) 2014253487</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2019204090 (22) 12.06.2019 (54) Networking flow logs for multi-tenant environments (62) 2016242813</p> <hr/> <p>(71) AMURI PRODUCTS LIMITED (21) 2019204097 (22) 12.06.2019 (54) ADJUSTABLE BEAM CLAMP (31) 743392 (32) 12.06.18 (33) NZ</p> <hr/> <p>(71) Anthrogenesis Corporation (21) 2019204110 (22) 12.06.2019 (54) Methods of tissue generation (62) 2013312924</p> <hr/> <p>(71) Apple Inc. (21) 2019204177 (22) 14.06.2019 (54) Spatial audio rendering for beamform- ing loudspeaker array (62) 2017216541</p> <hr/> <p>(71) Arbutus Biopharma Corporation (21) 2019204150 (22) 13.06.2019 (54) SITE-SPECIFIC DELIVERY OF NUC- LEIC ACIDS BY COMBINING TAR- GETING LIGANDS WITH ENDOSO- MOLYTIC COMPONENTS (62) 2017206154</p> <hr/> <p>(71) Architecture Du Bois (21) 2019204042 (22) 10.06.2019 (54) System for securing slats for forming a raised floor or deck (62) 2015233239</p>	<hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019204053 (22) 11.06.2019 (54) PROVIDING A PREDETERMINED RETURN-TO-PLAYER FOR A SKILL- BASED WAGERING MACHINE (31) 16/020,012 (32) 27.06.18 (33) US 16/006,507 12.06.18 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019204057 (22) 11.06.2019 (54) SKILL-BASED WAGERING MACHINE PROVIDING A PREDETERMINED RE- TURN-TO-PLAYER (31) 16/019,975 (32) 27.06.18 (33) US 16/006,507 12.06.18 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019204066 (22) 11.06.2019 (54) CONTROLLED RETURN TO PLAYER IN A SKILL-BASED WAGERING GAME (31) 16/006,507 (32) 12.06.18 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019204072 (22) 11.06.2019 (54) RETRACTABLE WHEEL ASSEMBLY FOR RAISING AND LOWERING A GAMING MACHINE CABINET (31) 16/010,023 (32) 15.06.18 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019204078 (22) 11.06.2019 (54) LAYERED DISPLAY MONITORS (31) 16/009,043 (32) 14.06.18 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019204105 (22) 12.06.2019 (54) Methods and Systems for Awarding a Jackpot (62) 2017251772</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019204175 (22) 14.06.2019 (54) A GAMING DEVICE AND METHOD FOR OPERATING A GAMING DEVICE (31) 2018902949 (32) 13.08.18 (33) AU</p>
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(71) Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University  
 (21) 2019204047 (22) 11.06.2019  
 (54) Immunosignaturing: a path to early diagnosis and health monitoring  
 (62) 2013308682

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(71) Armor; Universite De Bordeaux; Institut Polytechnique De Bordeaux; Centre national de la recherche scientifique  
 (21) 2019204137 (22) 13.06.2019  
 (54) Film for photovoltaic cell and associated manufacturing method, photovoltaic cell and photovoltaic module  
 (31) 18 55178 (32) 13.06.18 (33) FR

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(71) Art Processors Pty Ltd  
 (21) 2019204214 (22) 14.06.2019  
 (54) QUEUE MANAGEMENT SYSTEM

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(71) Aurora Flight Sciences Corporation  
 (21) 2019204081 (22) 11.06.2019  
 (54) Mechanically-distributed propulsion drivetrain and architecture  
 (31) 16/117,305 (32) 30.08.18 (33) US

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(71) Australian Skin Lab Pty Ltd  
 (21) 2019204170 (22) 14.06.2019  
 (54) Exfoliation tool and method of manufacturing same  
 (62) 2010244978

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(71) Azuma Design Pty Limited  
 (21) 2019204153 (22) 13.06.2019  
 (54) Door striker  
 (31) 2018902140 (32) 15.06.18 (33) AU

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(71) BAE Systems plc  
 (21) 2019204179 (22) 14.06.2019  
 (54) A compensation method for a display apparatus  
 (62) 2014345573

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**BARBERI, P. see MEYER INTELLECTUAL PROPERTIES LIMITED**  
 (21) 2019204171

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(71) Battelle Memorial Institute  
 (21) 2019204168 (22) 14.06.2019  
 (54) SOLAR THERMOCHEMICAL PROCESSING SYSTEM AND METHOD  
 (62) 2017213532

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(71) Bayer Pharma Aktiengesellschaft  
 (21) 2019204125 (22) 13.06.2019  
 (54) 2-(Morpholin-4-yl)-1,7-naphthyridines  
 (62) 2015299173

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(71) Bendix Spicer Foundation Brake LLC  
 (21) 2019204154 (22) 13.06.2019  
 (54) Multi-piece rotor for use with an electric wheel end drive motor  
 (31) 16/008,244 (32) 14.06.18 (33) US

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(71) BGC Partners, Inc  
 (21) 2019204139 (22) 13.06.2019  
 (54) SYSTEM FOR MANAGING TRADING USING ALERT MESSAGES FOR OUTLYING TRADING ORDERS  
 (62) 2017202372

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(71) Biogen MA Inc.  
 (21) 2019204089 (22) 12.06.2019  
 (54) Methods for determining differences in alpha-4 integrin activity by correlating differences in sVCAM and/or sMAd-CAM levels  
 (62) 2017201658

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(71) Biosense Webster (Israel) Ltd.  
 (21) 2019204199 (22) 14.06.2019  
 (54) Multiplexing of high count electrode catheter(s)  
 (31) 16/030,358 (32) 09.07.18 (33) US

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(71) Biosense Webster (Israel) Ltd.  
 (21) 2019204203 (22) 14.06.2019  
 (54) Reference wires to remove noise and artifacts in cardiac mapping catheter  
 (31) 16/421,533 (32) 24.05.19 (33) US  
 62/691,908 29.06.18 US

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(71) Bioway., Inc  
 (21) 2019204181 (22) 14.06.2019  
 (54) NOVEL QUINAZOLINONE DERIVATIVES INHIBITING PI3K AND PHARMACEUTICAL COMPOSITION CONTAINING SAME  
 (62) 2017297096

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(71) BLUESCOPE STEEL LIMITED  
 (21) 2019204091 (22) 12.06.2019  
 (54) An apparatus and method for the separation of stacked roof cladding elements  
 (62) 2017204910

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(71) Brogent Technologies Inc.  
 (21) 2019204188 (22) 14.06.2019  
 (54) Dome screen projection system  
 (31) 107141784 (32) 23.11.18 (33) TW

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(71) Cardinal Health Switzerland 515 GmbH  
 (21) 2019204215 (22) 14.06.2019  
 (54) Large lumen guide catheter  
 (62) 2014268859

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(71) Caterpillar Inc.  
 (21) 2019204069 (22) 11.06.2019  
 (54) A DUMPER BODY THAT INCLUDES STRUCTURAL TRANSITIONING  
 (31) 16/010,553 (32) 18.06.18 (33) US

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(71) Caterpillar Inc.  
 (21) 2019204070 (22) 11.06.2019  
 (54) AUTOMATIC INTERLOCK SYSTEM  
 (31) 16/010,577 (32) 18.06.18 (33) US

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(71) Celgene Corporatoin  
 (21) 2019204098 (22) 12.06.2019  
 (54) Biomarker for use in treating anemia  
 (62) 2013334659

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**Centre national de la recherche scientifique see Armor**  
 (21) 2019204137

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(71) Cepheid  
 (21) 2019204059 (22) 11.06.2019  
 (54) METHODS FOR DNA AND RNA EXTRACTION FROM FIXED PARAFFIN-EMBEDDED TISSUE SAMPLES  
 (62) 2013323586

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**Charles Stark Draper Laboratory, Inc. see President and Fellows of Harvard College**  
 (21) 2019204194

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(71) Chiasma Inc.  
 (21) 2019204065 (22) 11.06.2019  
 (54) Pharmaceutical compositions and related methods of delivery  
 (62) 2017203592

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(71) Clesse Industries  
 (21) 2019204191 (22) 14.06.2019  
 (54) GAS PRESSURE REDUCER  
 (31) 18/55320 (32) 18.06.18 (33) FR

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(71) CNH Industrial America LLC  
 (21) 2019204107 (22) 12.06.2019  
 (54) Knife drive with integral hydraulic motor for a header of an agricultural harvester  
 (31) 16/006,121 (32) 12.06.18 (33) US

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(71) Cognisens Inc.  
 (21) 2019204115 (22) 12.06.2019  
 (54) Method and device for assessing, training and improving perceptual-cognitive abilities of individuals  
 (62) 2017203492

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(71) Contemporary Han Cloud Co., Ltd  
 (21) 2019204074 (22) 11.06.2019  
 (54) Device and method for pulse diagnosis measurement  
 (31) 62/683,626 (32) 11.06.19 (33) US

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<p>(71) Covidien LP (21) 2019204077 (22) 11.06.2019 (54) Mesh deployment devices and kits (62) 2014216027</p>	<p>BASED ON VITAL SIGNS AND HEAD MOUNTED SENSORS (62) 2014333386</p>	<p>(71) General Electric Company (21) 2019204207 (22) 14.06.2019 (54) STATOR FIXATION BY TOP OF FRAME WITH LOCKING BY PLATES (31) 1855255 (32) 15.06.18 (33) FR</p>
<p>(71) Cypod Technology AS (21) 2019204157 (22) 13.06.2019 (54) Method, system and device for e-commerce payment intelligent access control (62) 2013297173</p>	<p>(71) Engineering Innovations Group Pty Limited (21) 2019204213 (22) 14.06.2019 (54) Column and wall panel (31) 2018902634 (32) 20.07.18 (33) AU 2018902929 10.08.18 AU</p>	<p>(71) GN Hearing A/S (21) 2019204126 (22) 13.06.2019 (54) Communication device with spatial source separation, communication system, and related method (31) 18178280.6 (32) 18.06.18 (33) EP</p>
<p>(71) DARWIN SHEETMETAL &amp; LASER CUTTING PTY LTD (21) 2019204217 (22) 15.06.2019 (54) A stainless steel laser cut and folded item that installs over a general power outlet to provide safety and protection (62) 2013297173</p>	<p>(71) Equalaire Systems, Inc. (21) 2019204131 (22) 13.06.2019 (54) Rotary union for automatic tire inflation system (62) 2017203183</p>	<p>(71) Google LLC (21) 2019204048 (22) 11.06.2019 (54) CONTROLLING AN HVAC SYSTEM DURING DEMAND RESPONSE EVENTS (62) 2018200113</p>
<p>(71) Decorative Imaging Pty Limited (21) 2019204039 (22) 10.06.2019 (54) Two-Piece Batten (31) 2018903487 (32) 17.09.18 (33) AU</p>	<p>(71) Eurochem Agro GmbH (21) 2019204146 (22) 13.06.2019 (54) Fertilizer mixture containing nitrification inhibitor (62) 2014363415</p>	<p>(71) Google LLC (21) 2019204080 (22) 11.06.2019 (54) TOUCHSCREEN DEVICE USER INTERFACE FOR REMOTE CONTROL OF A THERMOSTAT (62) 2014257207</p>
<p>(71) DEKA Products Limited Partnership (21) 2019204055 (22) 11.06.2019 (54) System, method, and apparatus for monitoring, regulating, or controlling fluid flow (62) 2014228946</p>	<p>(71) Fisher &amp; Paykel Healthcare Limited (21) 2019204038 (22) 10.06.2019 (54) HUMIDIFICATION CHAMBER FOR A RESPIRATORY ASSISTANCE APPARATUS (62) 2017276169</p>	<p>(71) HAI DUKEWYCH, G. (21) 2019204166 (22) 13.06.2019 (54) Acetabular prosthetic device (62) 2013397940</p>
<p>(71) Delta Electronics, Inc. (21) 2019204202 (22) 14.06.2019 (54) Mounting assembly and inverter assembly using same (31) 201910328585.2 (32) 23.04.19 (33) CN</p>	<p><b>Fotouhi, S. see fotuhi, r.</b> (21) 2019204036</p>	<p>(71) Hazama, M. (21) 2019204218 (22) 16.06.2019 (54) Love &amp; Marriage (Break up &amp; Divorce) Insurance</p>
<p>(71) Dexcom, Inc. (21) 2019204190 (22) 14.06.2019 (54) Systems and methods for providing sensitive and specific alarms (62) 2017225089</p>	<p>(71) Freeport-McMoRan Inc. (21) 2019204144 (22) 13.06.2019 (54) Vehicle speed-based analytics (62) 2016370478</p>	<p>(71) HICARE HEALTH FOODS PTY LIMITED (21) 2019204159 (22) 13.06.2019 (54) DIGESTIVE SUPPLEMENT TO MITIGATE ADVERSE REACTIONS (62) 2015255647</p>
<p>(71) DexCom, Inc. (21) 2019204083 (22) 11.06.2019 (54) Systems and methods for distributing continuous glucose data (62) 2016219530</p>	<p>(71) Fuji Xerox Co., Ltd. (21) 2019204186 (22) 14.06.2019 (54) Print management apparatus and program (62) 2017203912</p>	<p>(71) Howmedica Osteonics Corp. (21) 2019204143 (22) 13.06.2019 (54) STACKABLE BUILD PLATES FOR ADDITIVE MANUFACTURING POWDER HANDLING (31) 62/685,609 (32) 15.06.18 (33) US</p>
<p>(71) Doble Telescopic Lighting Pty Ltd (21) 2019204151 (22) 13.06.2019 (54) Illuminated pole (62) 2017204444</p>	<p>(71) GENENTECH, INC. (21) 2019204128 (22) 13.06.2019 (54) Antibodies and methods of use (62) 2014369872</p>	<p>(71) Hunter Douglas Inc. (21) 2019204071 (22) 11.06.2019 (54) Limited stop assembly for an architectural-structure covering (31) 62/683,992 (32) 12.06.18 (33) US</p>
<p>(71) ELBIT SYSTEMS LTD. (21) 2019204067 (22) 11.06.2019 (54) METHOD AND SYSTEM FOR DETECTING PILOT INCOMPETENCE</p>	<p>(71) General Atomics (21) 2019204182 (22) 14.06.2019 (54) Single cell fault tolerant battery system architecture (31) 16/020,717 (32) 27.06.18 (33) US</p>	<p>(71) Iavilaer Pty Ltd (21) 2019204109 (22) 12.06.2019 (54) A wall frame component used within a building construction method (62) 2018316356</p>

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(71) inRegen  
 (21) 2019204178 (22) 14.06.2019  
 (54) Renal cell populations and uses thereof  
 (62) 2013334276

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(71) Insmed Incorporated  
 (21) 2019204100 (22) 12.06.2019  
 (54) Systems for treating pulmonary infections  
 (62) 2017225138

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(71) Institut National de la Recherche Agonomique; The Royal Institution for the Advancement of Learning/ McGill University  
 (21) 2019204133 (22) 13.06.2019  
 (54) Use of avermectin derivative for increasing bioavailability and efficacy of macrocyclic lactones  
 (62) 2017219002

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**Institut Polytechnique De Bordeaux see Armor**  
 (21) 2019204137

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(71) J.W. Speaker Corporation  
 (21) 2019204176 (22) 14.06.2019  
 (54) LENS HEATING SYSTEMS AND METHODS FOR AN LED LIGHTING SYSTEM  
 (62) 2016280027

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(71) Jelmar, LLC  
 (21) 2019204092 (22) 07.06.2019  
 (54) STAIN REMOVING SOLUTION  
 (62) 2017219102

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(71) Johnson & Johnson Consumer Inc.  
 (21) 2019204136 (22) 13.06.2019  
 (54) Compositions and methods for treating skin conditions using light and glucosamine hydrochloride  
 (31) 16/021,748 (32) 28.06.18 (33) US

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(71) KABUKU INC.  
 (21) 2019204060 (22) 11.06.2019  
 (54) INFORMATION PROCESSING APPARATUS  
 (62) 2016351312

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(71) Kelleher, H.J.  
 (21) 2019204040 (22) 10.06.2019  
 (54) Improved toilet grab rail support  
 (62) 2016253547

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(71) KENNEDYS LAW LLP  
 (21) 2019204124 (22) 13.06.2019

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(54) A COMPUTERISED DOCUMENT MANAGEMENT AND CREATION SYSTEM  
 (31) GB 1809889.7 (32) 15.06.18 (33) GB

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(71) King Furniture Australia Pty Ltd  
 (21) 2019204158 (22) 13.06.2019  
 (54) An article of furniture

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(71) Komatsu Ltd.  
 (21) 2019204212 (22) 14.06.2019  
 (54) Control system for work vehicle, method for setting trajectory of work implement, and work vehicle  
 (62) 2017272179

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(71) Kverneland Group Kerteminde A/S  
 (21) 2019204037 (22) 10.06.2019  
 (54) Assembly for a mower of a mowing or chopping machine, replacement cutting tool and mower  
 (31) 18177596.6 (32) 13.06.18 (33) EP

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(71) Lantheus Medical Imaging, Inc.  
 (21) 2019204121 (22) 13.06.2019  
 (54) COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS  
 (62) 2017201739

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(71) Laser Institute of Shandong Academy of Science  
 (21) 2019204200 (22) 14.06.2019  
 (54) EVENT POSITIONING METHOD, DEVICE AND APPLICATION IN DISTRIBUTED FIBER VIBRATION MONITORING SYSTEM  
 (31) 201910389122.7 (32) 10.05.19 (33) CN

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(71) LEMMEN, J.; VAN DOREMAELE, M.  
 (21) 2019204147 (22) 13.06.2019  
 (54) DEVICE FOR DELIVERING AT LEAST A LAYER OF COMPOST AND CASING SOIL TO A SHELVING FOR GROWING MUSHROOMS  
 (31) 2021123 (32) 14.06.18 (33) NL

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(71) LG Electronics Inc.  
 (21) 2019204189 (22) 14.06.2019  
 (54) Lawn mower robot  
 (62) 2018200005

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(71) Life Boost LLC  
 (21) 2019204094 (22) 12.06.2019  
 (54) Machine and methods for dispensing nutritional supplements and multi-serving cartridge therefor  
 (62) 2014348856

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(71) MacDon Industries Ltd  
 (21) 2019204082 (22) 11.06.2019

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(54) A CROP HARVESTING HEADER  
 (62) 2017203981

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(71) MacDon Industries Ltd.  
 (21) 2019204064 (22) 11.06.2019  
 (54) DRAPER CANVAS SEAL  
 (31) 16/031,051 (32) 10.07.18 (33) CA

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(71) Mallinckrodt Hospital Products IP Limited  
 (21) 2019204167 (22) 14.06.2019  
 (54) Therapeutic gas delivery device with pulsed and continuous flow control  
 (62) 2014227790

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(71) MAN Truck & Bus Österreich GesmbH  
 (21) 2019204211 (22) 14.06.2019  
 (54) System for a double-steering motor vehicle  
 (31) A 182/2018 (32) 25.06.18 (33) AT

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(71) MC Health Tech S.L.  
 (21) 2019204163 (22) 13.06.2019  
 (54) New diagnostic and treatment methods  
 (62) 2014211481

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(71) MEDACTA INTERNATIONAL SA  
 (21) 2019204195 (22) 14.06.2019  
 (54) Suturing device  
 (62) 2016357624

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(71) Medrobotics Corporation  
 (21) 2019204116 (22) 12.06.2019  
 (54) Highly articulated probes with anti-twist link arrangement, methods of formation thereof, and methods of performing medical procedures  
 (62) 2017204151

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(71) MEYER INTELLECTUAL PROPERTIES LIMITED; BARBERI, P.  
 (21) 2019204171 (22) 14.06.2019  
 (54) COMPOSITE COOKWARE HANDLE  
 (62) 2017221364

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(71) Microsoft Technology Licensing, LLC  
 (21) 2019204111 (22) 12.06.2019  
 (54) Load scheduling in multi-battery devices  
 (62) 2015250147

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(71) Minesense Technologies Ltd  
 (21) 2019204043 (22) 10.06.2019  
 (54) Sorting materials using pattern recognition, such as upgrading nickel laterite ores through electromagnetic sensor-based methods  
 (62) 2017201320

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(71) MX Technologies Inc.  
 (21) 2019204122 (22) 13.06.2019

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(54) Aggregation source routing  
(62) 2013323618

(71) NAIR, N.; NANJAN, K.  
(21) 2019204035 (22) 08.06.2019  
(54) SOLUTIONS AND METHODS

**NANJAN, K. see NAIR, N.**  
(21) 2019204035

(71) Nemaska Lithium Inc.  
(21) 2019204129 (22) 13.06.2019  
(54) Processes for preparing lithium carbonate  
(62) 2017201692

(71) Neuronano AB  
(21) 2019204187 (22) 14.06.2019  
(54) METHOD OF IMPLANTATION OF CELL AGGREGATES AND TISSUE FRAGMENTS  
(62) 2017222108

(71) Neurovigil, Inc.  
(21) 2019204112 (22) 12.06.2019  
(54) Localized collection of biological signals, cursor control in speech-assistance interface based on biological electrical signals and arousal detection based on biological electrical signals  
(62) 2014337565

**Nextbiomedical Co. Ltd. see Utah-Inha DDS & Advanced Therapeutics Research Center**  
(21) 2019204141

(71) Nocira, LLC  
(21) 2019204160 (22) 13.06.2019  
(54) External ear canal pressure regulation device  
(62) 2014290684

(71) Northwestern University  
(21) 2019204073 (22) 11.06.2019  
(54) NMDA receptor modulators and uses thereof  
(62) 2017213587

(71) Nyxoah SA  
(21) 2019204102 (22) 12.06.2019  
(54) Dynamic modification of modulation throughout a therapy period  
(62) 2014288938

(71) O'BRIEN, A.  
(21) 2019204142 (22) 13.06.2019  
(54) WATERJET PROPULSION APPARATUS  
(31) 1809698.2 (32) 13.06.18 (33) GB

(71) PACCAR Inc  
(21) 2019204155 (22) 13.06.2019  
(54) Predictive cruise control system with advanced operator control and feedback  
(62) 2015227463

(71) PACCAR Inc  
(21) 2019204161 (22) 13.06.2019  
(54) Predictive cruise control system with advanced operator control and feedback  
(62) 2015227463

(71) Patent Investment & Licensing Company  
(21) 2019204099 (22) 12.06.2019  
(54) Electronic Wagering  
(62) 2017272292

(71) Payload Industries Pty Ltd  
(21) 2019204104 (22) 12.06.2019  
(54) DEVICE FOR INSERTING/REMOVING PIVOT PINS  
(62) 2015271636

(71) Portola Pharmaceuticals, Inc.  
(21) 2019204123 (22) 13.06.2019  
(54) Antidotes for factor XA inhibitors and methods of using the same  
(62) 2017200212

(71) President and Fellows of Harvard College; Charles Stark Draper Laboratory, Inc.  
(21) 2019204194 (22) 14.06.2019  
(54) APPARATUS AND METHODS FOR ALIQUOTTING FROZEN SAMPLES  
(62) 2017254905

(71) Proteus Digital Health, Inc.  
(21) 2019204197 (22) 14.06.2019  
(54) Methods, devices and systems for receiving and decoding a signal in the presence of noise using slices and warping  
(62) 2014321320

(71) Ralco Nutrition, Inc.  
(21) 2019204156 (22) 13.06.2019  
(54) Agricultural compositions and applications utilizing mineral compounds  
(62) 2017203517

(71) Redarc Technologies Pty Ltd  
(21) 2019204050 (22) 11.06.2019  
(54) BRAKE CONTROLLER FOR TOWED VEHICLE BRAKING SYSTEM AND METHOD  
(62) 2017245438

(71) Refinitiv US Organization LLC  
(21) 2019204140 (22) 13.06.2019  
(54) Informational incentives for submitting maker orders  
(62) 2017204208

(71) Rigdeluge Global Limited  
(21) 2019204135 (22) 13.06.2019  
(54) Filter  
(62) 2015242360

(71) RUNWAY INNOVATIONS LIMITED  
(21) 2019204196 (22) 14.06.2019  
(54) Runway arrangement  
(62) 2015245327

(71) Schneider Electric (Australia) Pty Limited  
(21) 2019204172 (22) 14.06.2019  
(54) FACE PLATE WITH FRAME AND METHOD OF MANUFACTURE  
(31) 2018902125 (32) 14.06.18 (33) AU

(71) Schneider Electric (Australia) Pty Limited  
(21) 2019204173 (22) 14.06.2019  
(54) FACE PLATE AND METHOD OF MANUFACTURE  
(31) 2018902122 (32) 14.06.18 (33) AU

(71) Schneider Electric (Australia) Pty Limited  
(21) 2019204174 (22) 14.06.2019  
(54) ELECTRICAL OUTLET AND SUPPORT FOR ELECTRICAL DEVICE  
(31) 2018902123 (32) 14.06.18 (33) AU

(71) Schutzer, S.  
(21) 2019204118 (22) 12.06.2019  
(54) DIAGNOSTIC MARKERS FOR NEUROPSYCHIATRIC DISEASE  
(62) 2017202608

(71) Series International, LLC  
(21) 2019204076 (22) 11.06.2019  
(54) Chair frame with injection molded foam padding  
(31) 62/682,486 (32) 08.06.18 (33) US  
16/431,196 04.06.19 US

(71) Series International, LLC  
(21) 2019204079 (22) 11.06.2019  
(54) Folding chair with reduced footprint  
(31) 62/682,460 (32) 08.06.18 (33) US  
16/434,386 07.06.19 US

(71) Shire Human Genetic Therapies, Inc.  
(21) 2019204051 (22) 11.06.2019  
(54) METHODS AND COMPOSITIONS FOR CNS DELIVERY OF ARYL-SULFATASE A  
(62) 2017202289

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<p>(71) Shire Human Genetic Therapies, Inc. (21) 2019204056 (22) 11.06.2019 (54) CNS DELIVERY OF THERAPEUTIC AGENTS (62) 2017202349</p>	<p>(71) Tantum Optics LLC (21) 2019204093 (22) 12.06.2019 (54) MACRO LENS (62) 2017228683</p>	<p>(54) Folded screen assembly (31) 2018902109 (32) 13.06.18 (33) AU</p>
<p>(71) SHOP VAC CORPORATION (21) 2019204068 (22) 11.06.2019 (54) Vacuum filter having annular catch (31) 16/037,853 (32) 17.07.18 (33) US</p>	<p>(71) Thales Management &amp; Services Deutschland GmbH (21) 2019204184 (22) 14.06.2019 (54) A method for operating a plurality of GNSS receivers for detecting satellite signal deformation (31) 18188063.4 (32) 08.08.18 (33) EP</p>	<p><b>Universite De Bordeaux see Armor</b> (21) 2019204137</p>
<p>(71) slennett-roberts, t. (21) 2019204044 (22) 11.06.2019 (54) Automotive Interchangeable Exterior Digital Computer Screens On Metal Paneling</p>	<p>(71) The a2 Milk Company Limited (21) 2019204101 (22) 12.06.2019 (54) BETA-CASEIN A2 AND BLOOD GLUCOSE LEVELS (62) 2014309522</p>	<p>(71) University of Utah Research Foundation (21) 2019204106 (22) 12.06.2019 (54) Intraocular drug delivery device and associated methods (62) 2013245543</p>
<p>(71) Snap-on Incorporated (21) 2019204075 (22) 11.06.2019 (54) Push button pin for pliers (31) 16/205,379 (32) 30.11.18 (33) US</p>	<p>(71) The Board of Trustees of the University of Arkansas (21) 2019204145 (22) 13.06.2019 (54) DODECAFLUOROPENTANE EMULSION AS A STROKE AND ISCHEMIA THERAPY (62) 2017203680</p>	<p>(71) Utah-Inha DDS &amp; Advanced Therapeutics Research Center; Nextbiomedical Co. Ltd. (21) 2019204141 (22) 13.06.2019 (54) Stent having functional material coated on cell space thereof (62) 2016229667</p>
<p>(71) Snap-on Incorporated (21) 2019204152 (22) 13.06.2019 (54) Portable and modular production electroplating system (62) 2017202213</p>	<p>(71) The Boots Company plc (21) 2019204198 (22) 14.06.2019 (54) Concentrated cosmetic composition (31) 18020099.0 (32) 15.03.18 (33) EP</p>	<p><b>VAN DOREMAELE, M. see LEMMEN, J.</b> (21) 2019204147</p>
<p>(71) Solink Corporation (21) 2019204149 (22) 13.06.2019 (54) Video Analytics System (62) 2017201198</p>	<p>(71) The Clorox Company (21) 2019204130 (22) 13.06.2019 (54) Disinfecting wipes dispenser (62) 2015250114</p>	<p>(71) VBI TECHNOLOGIES, LLC (21) 2019204103 (22) 12.06.2019 (54) SUBPOPULATIONS OF SPORE-LIKE CELLS AND USES THEREOF (62) 2017202703</p>
<p>(71) Sterna Biologicals GmbH &amp; Co. KG (21) 2019204108 (22) 12.06.2019 (54) Method for diagnosing a molecular phenotype of a patient suffering from an illness accompanied by chronic inflammation (62) 2013314510</p>	<p><b>The Royal Institution for the Advancement of Learning/ McGill University see Institut National de la Recherche Agronomique</b> (21) 2019204133</p>	<p>(71) Video Gaming Technologies Inc. (21) 2019204132 (22) 13.06.2019 (54) System and Method for Providing a Game with Unfolding Symbols (62) 2017235982</p>
<p>(71) Stryker Corporation (21) 2019204183 (22) 14.06.2019 (54) Surgical instrument sterilization container and method (62) 2015229592</p>	<p>(71) The Scripps Research Institute (21) 2019204045 (22) 11.06.2019 (54) Methods of sample preparation (62) 2013266394</p>	<p>(71) WAN, C.W.D. (21) 2019204085 (22) 11.06.2019 (54) DISPOSABLE COATED PAPER STRAW (31) 18107743.5 (32) 14.06.18 (33) HK 18112908.6 10.10.18 HK</p>
<p>(71) Sun Patent Trust (21) 2019204205 (22) 14.06.2019 (54) Efficient discard mechanism in small cell deployment (62) 2017248509</p>	<p>(71) The Yokohama Rubber Co., Ltd. (21) 2019204062 (22) 11.06.2019 (54) Conveyor belt monitoring system (62) 2016310715</p>	<p>(71) Waymo LLC (21) 2019204204 (22) 14.06.2019 (54) Vehicle with multiple light detection and ranging devices (LIDARS) (62) 2018204466</p>
<p>(71) Synthes GmbH (21) 2019204201 (22) 14.06.2019 (54) Self holding feature for a screw (62) 2017216555</p>	<p>(71) Trudell Medical International (21) 2019204169 (22) 14.06.2019 (54) Nebulizer apparatus (62) 2017268539</p>	<p>(71) XRF CHEMICALS PTY LTD (21) 2019204086 (22) 11.06.2019 (54) Specification for Patent of Addition Application Title "Copper Zinc or Lead X-Ray Flux Composition" (61) 2007216909</p>
<p></p>	<p>(71) Underwood Companies Holdings Pty Ltd (21) 2019204114 (22) 12.06.2019</p>	<p>(71) Xyleco, Inc. (21) 2019204058 (22) 11.06.2019 (54) Processing Biomass (62) 2015292799</p>

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(71) Yes Biotechnology Inc.  
(21) 2019204180 (22) 14.06.2019  
(54) Devices, systems and methods relating to in situ differentiation between viral and non-viral infections  
(62) 2016351735

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(71) Zimmer, Inc.  
(21) 2019204049 (22) 11.06.2019  
(54) SOFT TISSUE BALANCING IN ARTICULAR SURGERY  
(62) 2017283630

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2019204035	NAIR, N.; NANJAN, K.	2019204109	lavilaer Pty Ltd
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2019204038	Fisher & Paykel Healthcare Limited	2019204112	Neurovigil, Inc.
2019204039	Decorative Imaging Pty Limited	2019204114	Underwood Companies Holdings Pty Ltd
2019204040	Kelleher, H.J.	2019204115	Cognisens Inc.
2019204042	Architecture Du Bois	2019204116	Medrobotics Corporation
2019204043	Minesense Technologies Ltd	2019204118	Schutzer, S.
2019204044	slennett-roberts, t.	2019204121	Lantheus Medical Imaging, Inc.
2019204045	The Scripps Research Institute	2019204122	MX Technologies Inc.
2019204047	Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University	2019204123	Portola Pharmaceuticals, Inc.
2019204048	Google LLC	2019204124	KENNEDYS LAW LLP
2019204049	Zimmer, Inc.	2019204125	Bayer Pharma Aktiengesellschaft
2019204050	Redarc Technologies Pty Ltd	2019204126	GN Hearing A/S
2019204051	Shire Human Genetic Therapies, Inc.	2019204127	Acceleron Pharma Inc.
2019204053	Aristocrat Technologies Australia Pty Limited	2019204128	GENENTECH, INC.
2019204055	DEKA Products Limited Partnership	2019204129	Nemaska Lithium Inc.
2019204056	Shire Human Genetic Therapies, Inc.	2019204130	The Clorox Company
2019204057	Aristocrat Technologies Australia Pty Limited	2019204131	Equalaire Systems, Inc.
2019204058	Xyleco, Inc.	2019204132	Video Gaming Technologies Inc.
2019204059	Cepheid	2019204133	Institut National de la Recherche Agronomique; The Royal Institution for the Advancement of Learning/ McGill University
2019204060	KABUKU INC.	2019204134	Accenture Global Services Limited
2019204062	The Yokohama Rubber Co., Ltd.	2019204135	Rigdeluge Global Limited
2019204064	MacDon Industries Ltd.	2019204136	Johnson & Johnson Consumer Inc.
2019204065	Chiasma Inc.	2019204137	Armor; Universite De Bordeaux; Institut Polytechnique De Bordeaux; Centre national de la recherche scientifique
2019204066	Aristocrat Technologies Australia Pty Limited	2019204138	Afiniti Europe Technologies Limited
2019204067	ELBIT SYSTEMS LTD.	2019204139	BGC Partners, Inc
2019204068	SHOP VAC CORPORATION	2019204140	Refinitiv US Organization LLC
2019204069	Caterpillar Inc.	2019204141	Utah-Inha DDS & Advanced Therapeutics Research Center; Nextbiomedical Co. Ltd.
2019204070	Caterpillar Inc.	2019204142	O'BRIEN, A.
2019204071	Hunter Douglas Inc.	2019204143	Howmedica Osteonics Corp.
2019204072	Aristocrat Technologies Australia Pty Limited	2019204144	Freeport-McMoRan Inc.
2019204073	Northwestern University	2019204145	The Board of Trustees of the University of Arkansas
2019204074	Contemporary Han Cloud Co., Ltd	2019204146	Eurochem Agro GmbH
2019204075	Snap-on Incorporated	2019204147	LEMMEN, J.; VAN DOREMAELE, M.
2019204076	Series International, LLC	2019204148	Ab Initio Technology LLC
2019204077	Covidien LP	2019204149	Solink Corporation
2019204078	Aristocrat Technologies Australia Pty Limited	2019204150	Arbutus Biopharma Corporation
2019204079	Series International, LLC	2019204151	Doble Telescopic Lighting Pty Ltd
2019204080	Google LLC	2019204152	Snap-on Incorporated
2019204081	Aurora Flight Sciences Corporation	2019204153	Azuma Design Pty Limited
2019204082	MacDon Industries Ltd	2019204154	Bendix Spicer Foundation Brake LLC
2019204083	DexCom, Inc.	2019204155	PACCAR Inc
2019204084	AgGenetics, Inc.	2019204156	Ralco Nutrition, Inc.
2019204085	WAN, C.W.D.	2019204157	Cypod Technology AS
2019204086	XRF CHEMICALS PTY LTD	2019204158	King Furniture Australia Pty Ltd
2019204087	Ab Initio Technology LLC	2019204159	HICARE HEALTH FOODS PTY LIMITED
2019204088	Adox Pty Ltd	2019204160	Nocira, LLC
2019204089	Biogen MA Inc.	2019204161	PACCAR Inc
2019204090	Amazon Technologies, Inc.	2019204162	Adjuvants Plus USA, Inc.
2019204091	BLUESCOPE STEEL LIMITED	2019204163	MC Health Tech S.L.
2019204092	Jelmar, LLC	2019204166	HAI DUKEWYCH, G.
2019204093	Tantum Optics LLC	2019204167	Mallinckrodt Hospital Products IP Limited
2019204094	Life Boost LLC	2019204168	Battelle Memorial Institute
2019204097	AMURI PRODUCTS LIMITED	2019204169	Trudell Medical International
2019204098	Celgene Corporatoin	2019204170	Australian Skin Lab Pty Ltd
2019204099	Patent Investment & Licensing Company	2019204171	MEYER INTELLECTUAL PROPERTIES LIMITED; BARBERI, P.
2019204100	Insmed Incorporated	2019204172	Schneider Electric (Australia) Pty Limited
2019204101	The a2 Milk Company Limited	2019204173	Schneider Electric (Australia) Pty Limited
2019204102	Nyxoah SA	2019204174	Schneider Electric (Australia) Pty Limited
2019204103	VBI TECHNOLOGIES, LLC	2019204175	Aristocrat Technologies Australia Pty Limited
2019204104	Payload Industries Pty Ltd	2019204176	J.W. Speaker Corporation
2019204105	Aristocrat Technologies Australia Pty Limited		
2019204106	University of Utah Research Foundation		
2019204107	CNH Industrial America LLC		
2019204108	Sterna Biologicals GmbH & Co. KG		

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2019204177 Apple Inc.  
2019204178 inRegen  
2019204179 BAE Systems plc  
2019204180 Yes Biotechnology Inc.  
2019204181 Bioway., Inc  
2019204182 General Atomics  
2019204183 Stryker Corporation  
2019204184 Thales Management & Services Deutschland GmbH  
2019204186 Fuji Xerox Co., Ltd.  
2019204187 Neuronano AB  
2019204188 Brogent Technologies Inc.  
2019204189 LG Electronics Inc.  
2019204190 Dexcom, Inc.  
2019204191 Clesse Industries  
2019204192 Allergan, Inc.  
2019204193 Afton Chemical Corporation  
2019204194 President and Fellows of Harvard College; Charles Stark Draper Laboratory, Inc.  
2019204195 MEDACTA INTERNATIONAL SA  
2019204196 RUNWAY INNOVATIONS LIMITED  
2019204197 Proteus Digital Health, Inc.  
2019204198 The Boots Company plc  
2019204199 Biosense Webster (Israel) Ltd.  
2019204200 Laser Institute of Shandong Academy of Science  
2019204201 Synthes GmbH  
2019204202 Delta Electronics, Inc.  
2019204203 Biosense Webster (Israel) Ltd.  
2019204204 Waymo LLC  
2019204205 Sun Patent Trust  
2019204207 General Electric Company  
2019204211 MAN Truck & Bus Österreich GesmbH  
2019204212 Komatsu Ltd.  
2019204213 Engineering Innovations Group Pty Limited  
2019204214 Art Processors Pty Ltd  
2019204215 Cardinal Health Switzerland 515 GmbH  
2019204216 Altech Chemicals Australia Pty Ltd  
2019204217 DARWIN SHEETMETAL & LASER CUTTING PTY LTD  
2019204218 Hazama, M.



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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jun 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Adama Australia Pty Limited (21) 2019100612 (22) 05.06.2019 (54) Synergistic Carbetamide Herbicidal Combinations (31) 2018902010 (32) 05.06.18 (33) AU</p> <hr/> <p>(71) Adama Australia Pty Limited (21) 2019100613 (22) 05.06.2019 (54) New Uses of Carbetamide (31) 2018902009 (32) 05.06.18 (33) AU</p> <hr/> <p><b>Anderson, O. see Anderson, A.</b> (21) 2019100638</p> <hr/> <p>(71) Anderson, A.; Anderson, O. (21) 2019100638 (22) 12.06.2019 (54) ScaffoldTrack Scaffold Locating, Tracking, Identification and Inspection system</p> <hr/> <p>(71) Aunew Group Holdings Pty Ltd (21) 2019100625 (22) 11.06.2019 (54) A high-resolution capable monitor matrix display system</p> <hr/> <p>(71) Aunew Group Holdings Pty Ltd (21) 2019100632 (22) 12.06.2019 (54) Freeze-dried milk cookie production process</p> <hr/> <p>(71) Birt, A. (21) 2019100640 (22) 13.06.2019 (54) SYSTEM AND A METHOD FOR PRODUCT LIABILITY RISK CALCULATION BASED ON DATA SOURCED FROM DEVICES</p> <hr/> <p>(71) Changzhou Jutai Electronic Co., Ltd. (21) 2019100623 (22) 11.06.2019 (54) Acousto-optic Driver and Acousto-optic Device (31) 2018216723983 (32) 16.10.18 (33) CN</p> <hr/> <p>(71) Changzhou Jutai Electronic Co., Ltd. (21) 2019100624 (22) 11.06.2019 (54) Light-Emitting Diode (LED) Voice Controller and LED Lamp (31) 2018112011749 (32) 16.10.18 (33) CN 2018220677193 11.12.18 CN</p> <hr/> <p>(71) China Institute of Water Resources and Hydropower (21) 2019100631 (22) 12.06.2019</p>	<p>(54) SELF-CORRECTING MULTI-MODEL NUMERICAL RAINFALL ENSEMBLE FORECASTING METHOD</p> <hr/> <p>(71) Cooke, S. (21) 2019100626 (22) 12.06.2019 (54) PARTICULATE MATERIAL SPREADER (62) 2015201938</p> <hr/> <p>(71) CRRC Qiqihar Rolling Stock Co., Ltd.; Dalian Research and Development Center of CRRC Qiqihar Rolling Stock Co., Ltd. (21) 2019100636 (22) 12.06.2019 (54) Wide-body bulk cargo shipping container and shipping vehicle (62) 2017274125</p> <hr/> <p><b>Dalian Research and Development Center of CRRC Qiqihar Rolling Stock Co., Ltd. see CRRC Qiqihar Rolling Stock Co., Ltd.</b> (21) 2019100636</p> <hr/> <p>(71) Deutscher, P. (21) 2019100629 (22) 12.06.2019 (54) A STREET SIGN INSTALLATION ARRANGEMENT AND A METHOD OF INSTALLING A STREET SIGN UPON A POST WITH SAID INSTALLATION ARRANGEMENT (31) 2018902193 (32) 20.06.18 (33) AU</p> <hr/> <p>(71) Fraider, J. (21) 2019100647 (22) 14.06.2019 (54) METHOD AND APPARATUS FOR GAMBLING EXCLUSION (31) 2018902132 (32) 15.06.18 (33) AU</p> <hr/> <p>(71) Greenafind (21) 2019100648 (22) 14.06.2019 (54) Greenafind is a mobile application that allows users to easily find and rate any establishment that serves food and drink. The questions answered will give a clear indication of how environmentally friendly the food packaging is in each establishment. There is a specific rating called an SPK Rating (sustainable packaging rating) which is between 1-5 stars 5 being the highest rating.</p> <hr/> <p>(71) HeadsafeIP Pty Ltd (21) 2019100634 (22) 12.06.2019 (54) Head mountable device (62) PCT/AU2018/050402</p>	<hr/> <p>(71) Helmich Pty Ltd (21) 2019100646 (22) 14.06.2019 (54) Fusion Baby Bottle (31) 2018902319 (32) 27.06.18 (33) AU</p> <hr/> <p>(71) jiao, x. (21) 2019100611 (22) 05.06.2019 (54) As a chemistry engineer working more than 15 years in plastics area; I know most of plastics are long-standing and difficult to be decomposed with excellent impact resilience, I found a chemical method to have the plastic bottle inflated, if the inflated bottle is hooked up to a "C" style frame, then connect several frames according to the designed capacity to make hull of light boat, it seems that we use rebar and brick to build up skyscrapers. There are many advantages to use recycled plastics bottles to make ligh boat.</p> <hr/> <p>(71) Jilin Province Tianyifu Trade Group Company Limited; Jilin Province Zhengtai Biotechnology Company Limited (21) 2019100620 (22) 10.06.2019 (54) Preparation of Gel Preparation of Pharmaceutical Composition against Human Papillomavirus and Gynecological Inflammations (31) 201810891653.1 (32) 07.08.18 (33) CN</p> <hr/> <p><b>Jilin Province Zhengtai Biotechnology Company Limited see Jilin Province Tianyifu Trade Group Company Limited</b> (21) 2019100620</p> <hr/> <p>(71) KINGFA SCI TECH CO LTD; ZHUHAI WANGO CHEMICAL CO., LTD; TIANJIN KINGFA ADVANCED MATERIAL CO., LTD; SHANGHAI KINGFA SCI &amp; TECH CO., LTD (21) 2019100615 (22) 06.06.2019 (54) Polylactic acid 3D printing material and preparation method thereof (31) PCT/ (32) 28.05.19 (33) WO CN2019/088826</p> <hr/> <p>(71) KINGFA SCI TECH CO LTD; ZHUHAI WANGO CHEMICAL CO., LTD (21) 2019100618 (22) 08.06.2019 (54) Polylactic acid composite material and preparation method thereof (31) PCT/ (32) 28.05.19 (33) WO CN2019/088761</p>
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Innovation Patent Applications Filed - Name Index cont'd

(71) Lea, D.  
(21) 2019100639 (22) 12.06.2019  
(54) Quick Stick Bike Rack

(71) LINDENBAUM PTY LTD  
(21) 2019100622 (22) 11.06.2019  
(54) Online Visual Interactive Platform for Durability Assessments

(71) McRae, R.  
(21) 2019100645 (22) 13.06.2019  
(54) Cricket analysis tool  
(31) 2018904132 (32) 31.10.18 (33) AU

(71) Muskett, D.  
(21) 2019100628 (22) 12.06.2019  
(54) Light commercial vehicle (van and ute) payload indicator dash mounted indicated by LED lights

(71) Pacific Endoscopic Imaging Pty Ltd  
(21) 2019100614 (22) 06.06.2019  
(54) A device for examining a body cavity

(71) Padgett, D.  
(21) 2019100621 (22) 10.06.2019  
(54) Improved Cooler With Handle Accommodating a Cylindrical Object  
(31) 62/799,706 (32) 31.01.19 (33) US  
16/423,547 28.05.19 US  
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(71) pathmanathan, s.  
(21) 2019100637 (22) 12.06.2019  
(54) "FOOD Share with friends or with people in your local area. Don't waste your homecooked food or throw it in the bin, do not store in the fridge or freezer but share with people through social media, APP, delivery partner or collect face to face. This can be excess home cooked meal, or like to just show of your passion of cooking to others. Healthy home cooked food for people.you can donate the food or sell it."Food for people not for waste"

(71) POLOPLAST GmbH & Co. KG  
(21) 2019100643 (22) 13.06.2019  
(54) Fixing Member and Pipe Connection Device  
(31) 202019100995.0 (32) 21.02.19 (33) DE

(71) Raine, M.; Walker, M.  
(21) 2019100619 (22) 08.06.2019  
(54) A modular concrete skid with cats in features that allows the population of the skid with mechanical process equipment.

(71) RCR Mining Technologies Pty Ltd  
(21) 2019100641 (22) 13.06.2019

(54) Improvements in conveyors  
(31) 2018902111 (32) 13.06.18 (33) AU

(71) samios, p.  
(21) 2019100602 (22) 05.06.2019  
(54) Ironing rod for cutting down ironing time.

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(21) 2019100615

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(21) 2019100615

(71) VISSER, S.F.  
(21) 2019100642 (22) 13.06.2019  
(54) A FISHING SINKER AND RIG INCORPORATING A SINKER

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(71) WALKER, K.  
(21) 2019100633 (22) 12.06.2019  
(54) MAGNETIC HOLDING STRAP

(71) wine odyssey pty limited  
(21) 2019100617 (22) 07.06.2019  
(54) A measurement, weight and temperature conversion table design for a mounted magnetic knife and tool bar

(71) Xu, Y.  
(21) 2019100635 (22) 12.06.2019  
(54) A quick fastening machine  
(31) 201811344450.7 (32) 13.11.18 (33) CN

(71) Xuchang University  
(21) 2019100616 (22) 07.06.2019  
(54) DIE CASTING MACHINE FOR MANUFACTURING ACCESSORY MOLDS

(71) Yu, H.  
(21) 2019100644 (22) 13.06.2019  
(54) A SENSOR-ENABLED APPARATUS  
(31) 2018902138 (32) 15.06.18 (33) AU

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(21) 2019100615

ZHUHAI WANGO CHEMICAL CO., LTD see KINGFA SCI TECH CO LTD  
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<b>2019100613</b>	Adama Australia Pty Limited	<b>2019100632</b>	Aunew Group Holdings Pty Ltd
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		<b>2019100646</b>	Helmich Pty Ltd
		<b>2019100647</b>	Fraider, J.
		<b>2019100648</b>	Greenafind

**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

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

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
  
- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
  
- N Applications not Open to Public Inspection

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**Assignments before Grant, Section 113**

**2015**

2015295184 Affichem The application has been assigned to **Dendrogenix**

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

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

**2016**

2016249782 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; Ganymed Pharmaceuticals GmbH The application has been assigned to **Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz GmbH**

2016249784 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; Ganymed Pharmaceuticals GmbH The application has been assigned to **Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz GmbH**

**Assignments before Grant, Section 113**

2016330359 Smarttruck Systems, LLC The application has been assigned to **Transtex LLC**

**2017**

2017216513 TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; Ganymed Pharmaceuticals GmbH The application has been assigned to **Astellas Pharma Inc.; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

2017297323 The Upside Commerce Group, LLC The application has been assigned to **The Upside Travel Company, LLC**

2017353921 Tengler, Mark; Neos Therapeutics, LP The application has been assigned to **Neos Therapeutics, LP**

2017361084 Manicka, Rajendran; Holista Colltech Ltd; Thompson, Daryl The application has been assigned to **Happy Sugar Inc.**

**2018**

2018201391 Ganymed Pharmaceuticals GmbH; TRON-Translationale Onkologie an der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH The application has been assigned to **Astellas Pharma Inc.; TRON-Translationale Onkologie an der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

2018201856 TRON-Translationale Onkologie an der Universitätsmedizin der Johannes-Gutenberg Universität Mainz gemeinnützige GmbH; Ganymed Pharmaceuticals GmbH The application has been assigned to **Astellas Pharma Inc.; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes-Gutenberg Universität Mainz gemeinnützige GmbH**

**2019**

2019201513 TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Ganymed Pharmaceuticals GmbH The application has been assigned to **Astellas Pharma Inc.; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

**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**

2008361251 **RICH CUP BIO-CHEMICAL TECHNOLOGY CO., LTD.** An application to extend the time from 23 Oct 2018 to 23 May 2019 in which to pay a renewal fee has been filed . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

**2012**

2012249235 **Mesh Corporation Pty Ltd** An application to extend the time from 14 Nov 2018 to 14 Jun 2019 in which to pay the renewal fee

**Extensions of Time, Section 223**

has been filed . Address for service - HopgoodGanim Level 8 Waterfront Place 1 Eagle Street BRISBANE QLD 4000 AU

2012249237 **Mesh Corporation Pty Ltd** An application to extend the time from 14 Nov 2018 to 14 Jun 2019 in which to pay the renewal fee has been filed . Address for service - HopgoodGanim Level 8 Waterfront Place 1 Eagle Street BRISBANE QLD 4000 AU

2012249238 **Mesh Corporation Pty Ltd** An application to extend the time from 14 Nov 2018 to 14 Jun 2019 in which to pay the renewal fee has been filed . Address for service - HopgoodGanim Level 8 Waterfront Place 1 Eagle Street BRISBANE QLD 4000 AU

**2013**

2013234359 **Integra LifeSciences Switzerland Sarl** An application to extend the time from 26 Sep 2019 to 26 Apr 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

2013308739 **Showa Best Glove, Inc.** An application to extend the time from 29 Aug 2018 to 29 Apr 2019 in which to pay the renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2014**

2014100905 **ARK Corporation Pty Ltd** An application to extend the time from 08 Aug 2018 to 08 Apr 2019 in which to pay the renewal fee has been filed . Address for service - Lester Miller Foundry Intellectual Property PO BOX Q1466 Queen Victoria Building NSW 1230 AU

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

**2011**

2011202303 **Hebe Company Ltd** The time in which to pay a renewal fee has been extended to 18 Feb 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2012**

2012253219 **Yancoal Technology Development Pty Ltd; Caterpillar Global Mining Europe GmbH** The time in which to pay a renewal fee has been extended to 09 Jan 2019 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2013**

2013232744 **MIKOH Corporation** The time in which to pay a renewal fee has been extended to 15 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013340455 **Rhiannon Corp.** The time in which to request examination and pay a continuation fee has been extended to 26 Sep 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2014**

2014284560 **Illumina, Inc.** The time in which to pay a continuation fee has been extended to 25 Jan 2019 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**Extensions of Time, Section 223**

**2016**

2016100582 **Quattro Project Engineering Pty Ltd** The time in which to pay a renewal fee has been extended to 09 Feb 2019 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016301325 **Woods Hole Oceanographic Institution; Haley, James A.; Eaton, Joshua A.** The time in which to enter the National Phase has been extended to 05 Feb 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017100473 **Lowe, T.** The time in which to pay a renewal fee has been extended to 19 Mar 2019 . Address for service - Halfords IP L 7 1 Market St Sydney NSW 2000 AU

**2018**

2018267592 **McCoubrey, N.** The time in which to request Examination has been extended to 28 Feb 2019 . Address for service - Walsh & Associates Locked Bag 2011 Glebe Post Office GLEBE NSW 2037 AU

**2019**

2019200152 **DUSA Pharmaceuticals, Inc.** The time in which to extend the grace period has been extended to 12 Jan 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2019200313 **NorvaNivel IP Pty Limited** The time in which to request Examination has been extended to 30 Apr 2019 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

**Amendments**

**Applications for Amendment**

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

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

**2006**

2006313007 Method of treating parasites **BAYER AUSTRALIA LTD** The nature of the amendment is as shown in the statement(s) filed 24 May 2019 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2013**

2013257503 Method and apparatus for dehydrating veneer **Meinan Machinery Works, Inc.** The nature of the amendment is: Amend the name of the inventor to read NOZAWA, Yoshioki and SAKAMOTO, Shin-ichi . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2014**

2014233385 Biologically active molecules, conjugates thereof, and therapeutic uses **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2019 .

**Amendments**

Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2014359257 Safety needle assemblies and related methods **B. Braun Melsungen AG** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2019 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2015**

2015220811 Interferometric sensor **ABB Schweiz AG** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015255197 MEDICAMENT DELIVERY DEVICES FOR ADMINISTRATION OF A MEDICAMENT WITHIN A PREFILLED SYRINGE **kaleo, Inc.** The nature of the amendment is: Amend the name of the inventor to read Edwards, Evan T.; Edwards, Eric S; Licata, Mark J. and Meyers, Paul F. . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2015273408 Continuously variable automatic transmission **Carames Jimenez , J.** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2019 . Address for service - WRAYS PTY LTD L 20 600 Bourke St Melbourne VIC 3000 AU

2015311021 Composition **Bunge Loders Croklaan B.V.** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2016**

2016317746 Weighted acid compositions comprising amino acids **Shell Internationale Research Maatschappij B.V.** The nature of the amendment is: Amend the name of the inventor to read Blackbourn, Robert Lawrence; Brege, Jonathan Joseph; Weider, Paul Richard; Gabrysch, Allen Dale; MURPHY, Andrew James; ORTIZ-SOTO, Lorna Beatriz and VAN ZANTEN, Ryan Matthew . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016342867 Interspinous omnidirectional dynamic stabilization device **Bioda Diagnostics(Wuhan)Co.,Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Apr 2019 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**2017**

2017201718 Glycoproteins having lipid mobilizing properties and therapeutic uses thereof **Aston University** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2019 . Address for service - FB Rice Pty Ltd L 14 90 Collins St Melbourne VIC 3000 AU

2017240575 Smoke evacuation system for invasive surgical procedures **SurgiQuest, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 May 2019 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017254942 Stingless Bee Keeping Frame and Assembly **Luttrell , R.** The nature of the amendment is as shown in the statement(s)

**Amendments**

filed 14 Jun 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017294652 Compositions comprising bacterial strains **4D Pharma PLC** The nature of the amendment is as shown in the statement(s) filed 23 May 2019 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**2018**

2018203687 Improved methods for manufacturing adoptive cell therapies **Bluebird Bio, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Jun 2019 . Address for service - Davies Col-lison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018229420 Improved auto-stop vent plug **Becton, Dickinson and Company** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2019 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**Amendments Made**

**2002**

2002014706 **Hilti Aktiengesellschaft** The nature of the amendment is as shown in the statements filed 20 Aug 2018, 14 Nov 2018 and 19 Feb 019

**2006**

2006212471 **Korte, W.** The nature of the amendment is as was notified in the Official Journal dated 28 Mar 2019

**2012**

2012101210 **Minnovare Pty Ltd** The nature of the amendment is as shown in the statement filed 18 Dec 2018

**2013**

2013260712 **Mobile Communications (Qld.) Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2013101811

2013358951 **Baylor Research Institute at Dallas; National Institute of Health and Medical Research** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2019

**2014**

2014265839 **Vascular Dynamics, Inc.** The nature of the amend-ment is as shown in the statement filed 19 Mar 2019

2014334461 **Lu, Q.** The nature of the amendment is: Amend the in-vention title to read Non-platinum-based anti-cancer compounds for use in targeted chemotherapy

2014368368 **ESTEVE PHARMACEUTICALS, S.A.** The nature of the amendment is as shown in the statement filed 08 Mar 2019

2014373773 **Medivation Technologies LLC** The nature of the amendment is as shown in the statement filed 25 Jan 2019

**Amendments**

**2015**

2015201976 **QIOPTIQ LIMITED** The nature of the amendment is as shown in the statement filed 12 Mar 2019

2015213150 **Linde Aktiengesellschaft** The nature of the amend-ment is as shown in the statement filed 25 Feb 2019

2015213334 **Crop Microclimate Management Inc.** The nature of the amendment is as shown in the statements filed 21 Jun 2018 and 27 February 2019

2015214381 **Novartis AG** The nature of the amendment is as shown in the statement filed 13 Mar 2019

2015267612 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2019

2015359869 **APT GmbH - Angewandte Physik & Technolo-gie** The nature of the amendment is as shown in the statement filed 18 Mar 2019

2015417433 **Bechtel Hydrocarbon Technology Solutions, Inc.** The nature of the amendment is: Amend the invention title to read SYSTEMS AND METHODS FOR RECOVERING DESIRED LIGHT HY-DROCARBONS FROM REFINERY WASTE GAS USING A BACK-END TURBOEXPANDER

**2016**

2016204613 **Liu, X.** The nature of the amendment is as shown in the statement(s) filed 27 Feb 2019

2016242857 **Dropbox, Inc.** The nature of the amendment is as shown in the statement filed 07 Mar 2019

2016253640 **ESCO Group LLC** The nature of the amendment is as shown in the statement filed 11 Feb 2019

2016263161 **Dermavant Sciences GmbH** The nature of the amendment is: Amend the name of the inventor to read Bedard, Mary; Doherty, Michael Quinn; Lenn, Jon D.; Santos, Leandro L.; Sonti, Su-jatha D.; Thomas, Joey Roger; Whiteman, Justin E. and Jain, Piyush

2016373207 **LG Electronics Inc.** The nature of the amendment is: Amend the invention title to read Vacuum insulator in a storehouse and methods of making and using the same

2016374776 **Nippon Steel Corporation; Vallourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read Threaded connection for pipe or tube and method for producing the threaded connection for pipe or tube

2016426946 **Blindspace AB** The nature of the amendment is as shown in the statement filed 13 May 2019

**2017**

2017200637 **YOSHINO KOGYOSHO CO., LTD.** The nature of the amendment is: Amend the invention title to read Synthetic Resin Con-tainer with Window, Preform, and Method of Injection Molding Preform



**Amendments**

2017201593 **Philip Morris Products S.A.** The nature of the amendment is as shown in the statement filed 28 Feb 2019

2017221883 **JOINT STOCK COMPANY "PHARMASYNTEZ"** The nature of the amendment is: Amend the name of the inventor to read Shurygin, Mikhail Gennadievich and Shurygina, Irina Aleksandrovna

2017276263 **Janssen Biotech, Inc.** The nature of the amendment is: Amend the invention title to read Methods for enriching primitive gut tube

2017289602 **Isomer, Inc.** The nature of the amendment is as shown in the statements filed 04 Feb 2019 and 07 Mar 2019

2017340716 **Daiichi Sankyo Company,Limited** The nature of the amendment is as shown in the statement filed 31 May 2019

2017348942 **Hauff-Technik GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read Press seal with an elastomer body and tensioning bolt

2017353980 **Telefonaktiebolaget LM Ericsson (publ)** The nature of the amendment is: Amend the invention title to read Providing estimated accuracy of mobile station synchronization to the network

2017362967 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the invention title to read Anti-MET antibodies, bispecific antigen binding molecules that bind MET, and methods of use thereof

2017364260 **Fondazione di Religione e di Culto "Casa Sollievo Della Sofferenza" - Opera di San Pio da Pietrelcina** The nature of the amendment is as shown in the statement filed 30 May 2019

2017365179 **Dow AgroSciences LLC** The nature of the amendment is: Amend the name of the inventor to read Colombo, Romain; Biro, Akos; Gallup, Courtney and Kovalova, Iuliia

2017368050 **PureTech Health LLC** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2019

2017376257 **Druggability Technologies IP Holdco Limited** The nature of the amendment is: Amend the name of the inventor to read Kárpáti, Richard Balázs; Erdosi, Nikolettá; Patyi, Gergo; Glavinás, Hristos and Filipcsei, Genoveva

2017376353 **Nanjing Transthera Biosciences Co. Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Jun 2019

**2018**

2018101014 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2019

**2019**

2019202993 **Altech Chemicals Australia Pty Ltd** The nature of the amendment is: Application is to proceed under the new number 2019100630

**Amendments**

2019203891 **Hanmi Pharm. Co., Ltd.** The nature of the amendment is: Amend the invention title to read Long-acting conjugate of triple glucagon/GLP-1/GIP receptor agonist

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

**2006**

2006301555 Sumitomo Metal Industries, Ltd.; Vallourec Mannesmann Oil & Gas France The name of the patentee has been altered to **Nippon Steel Corporation; Vallourec Mannesmann Oil & Gas France**

**2007**

2007237564 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2007237567 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2007237568 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2007237604 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

**2008**

2008249936 Sumitomo Metal Industries, Ltd.; VALLOUREC MANNESMANN OIL & GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC MANNESMANN OIL & GAS FRANCE**

2008324449 SUMITOMO METAL INDUSTRIES, LTD.; VALLOUREC OIL AND GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC OIL AND GAS FRANCE**

**2009**

2009203003 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2009210359 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2009304307 SUMITOMO METAL INDUSTRIES, LTD.; VALLOUREC OIL AND GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC OIL AND GAS FRANCE**

2009328573 SUMITOMO METAL INDUSTRIES, LTD.; VALLOUREC OIL AND GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC OIL AND GAS FRANCE**

2009332979 Baker Hughes Incorporated The name of the patentee has been altered to **Baker Hughes, a GE company, LLC**

**2010**

2010200293 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2010256947 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

**Amendments**

2010321285 SUMITOMO METAL INDUSTRIES, Ltd.; VALLOUREC OIL AND GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC OIL AND GAS FRANCE**

**2011**

2011265751 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2011271893 Nippon Steel & Sumitomo Metal Corporation; Research Institute of Innovative Technology for the Earth The name of the patentee has been altered to **Nippon Steel Corporation; Research Institute of Innovative Technology for the Earth**

2011290719 Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France The name of the patentee has been altered to **Nippon Steel Corporation; Vallourec Oil and Gas France**

2011295130 Nippon Steel & Sumitomo Metal Corporation; VALLOUREC OIL AND GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC OIL AND GAS FRANCE**

2011334181 Nippon Steel & Sumitomo Metal Corporation; VALLOUREC OIL AND GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC OIL AND GAS FRANCE**

2011351850 Nippon Steel & Sumitomo Metal Corporation; VALLOUREC OIL AND GAS FRANCE The name of the patentee has been altered to **Nippon Steel Corporation; VALLOUREC OIL AND GAS FRANCE**

**2013**

2013248257 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2013320266 Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France The name of the patentee has been altered to **Nippon Steel Corporation; Vallourec Oil and Gas France**

2013363726 Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France The name of the patentee has been altered to **Nippon Steel Corporation; Vallourec Oil and Gas France**

2013377442 Nippon Steel & Sumitomo Metal Corporation; ThyssenKrupp Electrical Steel GmbH The name of the patentee has been altered to **Nippon Steel Corporation; ThyssenKrupp Electrical Steel GmbH**

**2014**

2014212574 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2014270449 Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France The name of the patentee has been altered to **Vallourec Oil and Gas France; Nippon Steel Corporation**

2014283409 Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France The name of the patentee has been altered to **Nippon Steel Corporation; Vallourec Oil and Gas France**

**Amendments**

2014292322 Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France The name of the patentee has been altered to **Vallourec Oil and Gas France; Nippon Steel Corporation**

2014331297 Nippon Steel And Sumitomo Metal Corporation; Vallourec Oil and Gas France The name of the patentee has been altered to **Nippon Steel Corporation; Vallourec Oil and Gas France**

2014337735 Nippon Steel & Sumitomo Metal Corporation; Pneumatic Servo Controls Ltd. The name of the patentee has been altered to **Nippon Steel Corporation; Pneumatic Servo Controls Ltd.**

**2015**

2015100510 Le Centre National de la Recherche Scientifique; Givaudan SA; L'Universite Pierre et Marie Curie The name of the patentee has been altered to **Le Centre National de la Recherche Scientifique; Givaudan SA; Sorbonne Universite**

2015221557 CCS Technology, Inc. The name of the patentee has been altered to **Corning Optical Communications LLC**

2015289046 Polight AS The name of the applicant has been altered to **poLight ASA**

2015302749 Nippon Steel & Sumitomo Metal Corporation; Towaron Co., Ltd. The name of the applicant has been altered to **Nippon Steel Corporation; Towaron Co., Ltd.**

2015311021 Loders Croklaan B.V. The name of the applicant has been altered to **Bunge Loders Croklaan B.V.**

2015359341 MyoDynamik ApS The name of the applicant has been altered to **Curo Diagnostics ApS.**

2015414721 Multi-Chem Group LLC The name of the applicant has been altered to **Multi-Chem Group, LLC**

**2016**

2016299873 Wix. Com Ltd. The name of the applicant has been altered to **Wix.com Ltd.**

**2017**

2017232340 Diassess Inc. The name of the applicant has been altered to **Lucira Health, Inc.**

2017232342 Diassess Inc. The name of the applicant has been altered to **Lucira Health, Inc.**

2017232343 Diassess Inc. The name of the applicant has been altered to **Lucira Health, Inc.**

2017232344 Diassess Inc. The name of the applicant has been altered to **Lucira Health, Inc.**

2017236977 IM Therapeutics ; The Regents of the University of Colorado, a body corporate The name of the applicant has been altered to **ImmunoMolecular Therapeutics, LLC; The Regents of the University of Colorado, a body corporate**

**Amendments**

2017287785 Rolls-Royce Marine AS The name of the applicant has been altered to **Kongsberg Maritime CM AS**

2017287786 Rolls-Royce Marine AS The name of the applicant has been altered to **Kongsberg Maritime CM AS**

**2019**

2019203718 Veveo, Inc. The name of the applicant has been altered to **Venkataraman, S.; Welling, G.; Aravamudan, M.; Barve, R.; Veveo, Inc.**

2019900163 Darren O'Brien Plumbing & Roofing Pty Ltd The name of the applicant has been altered to **Burstsafe Pty Ltd**

2019901280 QBiotics Pty Limited The name of the applicant has been altered to **QBiotics Pty Ltd**

2019901860 Qin Du, William The name of the applicant has been altered to **Du, Q.**

Applications Open to Public Inspection

Name Index

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

<p><b>8 Rivers Capital, LLC see Palmer Labs, LLC</b> (21) 2019203986</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2018250388 (21) 2018250388 (22) 16.10.2018 (54) PRESCRIPTIVE ANALYTICS BASED COMMITTED COMPUTE RESERVATION STACK FOR CLOUD COMPUTING RESOURCE SCHEDULING (51) Int. Cl. G06Q 10/06 ( 2012.01 ) G06F 9/00 ( 2006.01 ) G06F 17/00 ( 2006.01 ) (31) 201741044406 (32) 11.12.17 (33) IN 15/922,659 15.03.18 US (43) 27.06.2019 (72) Srinivasan, Madhan Kumar; Purushothaman, Arun; Kolachalam, Manish Sharma; Eisenstein, Michael S. (74) Murray Trento &amp; Associates Pty Ltd</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2018260855 (21) 2018260855 (22) 07.11.2018 (54) HYBRID CLOUD MIGRATION DELAY RISK PREDICTION ENGINE (51) Int. Cl. G06F 9/455 ( 2018.01 ) G06F 3/06 ( 2006.01 ) (31) 201741044450 (32) 11.12.17 (33) IN 43) 27.06.2019 (72) SRINIVASAN, Madhan Kumar; PURUSHOTHAMAN, Arun; Pv, Guruprasad (74) Murray Trento &amp; Associates Pty Ltd</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2018271385 (21) 2018271385 (22) 30.11.2018 (54) MACHINE LEARNING CLASSIFICATION AND PREDICTION SYSTEM (51) Int. Cl. G06Q 40/00 ( 2012.01 ) G06N 7/00 ( 2006.01 ) G06Q 10/04 ( 2012.01 ) (31) 16/024,253 (32) 29.06.18 (33) US 62/597,340 11.12.17 US (43) 27.06.2019 (72) NANDAN, Priyank; CORK, Gareth; CHOUDHRY, Sherif Aurangzeb Saeed; AYDINLI, Ali Yagmur; HODGE, Andrew; MCGINTY, David James (74) Murray Trento &amp; Associates Pty Ltd</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2018274925 (21) 2018274925 (22) 05.12.2018</p>	<p>(54) ARTIFICIAL INTELLIGENCE AND ROBOTIC PROCESS AUTOMATION FOR AUTOMATED DATA MANAGEMENT (51) Int. Cl. G06Q 10/10 ( 2012.01 ) G10L 15/18 ( 2013.01 ) (31) 62/595,944 (32) 07.12.17 (33) US 16/206,503 30.11.18 US (43) 27.06.2019 (72) DIWAN, Gaurav; GOGUEN, Tracy Ann (74) Murray Trento &amp; Associates Pty Ltd</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-A-2019203988 (21) 2019203988 (22) 07.06.2019 (54) ITEM REPLENISHMENT (51) Int. Cl. G06Q 10/08 ( 2012.01 ) (43) 27.06.2019 (62) 2018201381 (72) SINGH, Paul Sundar; RAMANATHAN, Siva Kumar Raja; RAJENDRAN, Deepa (74) Murray Trento &amp; Associates Pty Ltd</p> <hr/> <p>(71) Aclaris Therapeutics, Inc. (11) AU-A-2019203993 (21) 2019203993 (22) 07.06.2019 (54) Pharmaceutical cream compositions of oxymetazoline for treating symptoms of rosacea (51) Int. Cl. A61K 31/4174 ( 2006.01 ) A61K 9/00 ( 2006.01 ) A61P 17/00 ( 2006.01 ) (43) 27.06.2019 (62) 2017202726 (72) Shanler, Stuart D.; Powala, Christopher (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) AFINITI EUROPE TECHNOLOGIES LIMITED (11) AU-A-2019203967 (21) 2019203967 (22) 06.06.2019 (54) TECHNIQUES FOR L3 PAIRING AND WORKFORCE MANAGEMENT IN A CONTACT CENTER SYSTEM (51) Int. Cl. H04M 3/50 ( 2006.01 ) (43) 27.06.2019 (62) 2017366663 (72) CHISHTI, Zia (74) AJ PARK</p> <hr/> <p>(71) Ali-Jak Holdings Pty Ltd (11) AU-A-2019203944 (21) 2019203944 (22) 05.06.2019 (54) PROCESS AND APPARATUS FOR TREATING SLUDGE (51) Int. Cl. F26B 3/00 ( 2006.01 )</p>	<p>C02F 11/00 ( 2006.01 ) (43) 27.06.2019 (62) 2014324079 (72) MCPHERSON, JASON (74) Griffith Hack</p> <hr/> <p>(71) ALSTOM Transport Technologies (11) AU-A-2018271314 (21) 2018271314 (22) 29.11.2018 (54) Method and system for managing automatically the energy stored by an electric vehicle (51) Int. Cl. B60L 15/20 ( 2006.01 ) B60L 3/12 ( 2006.01 ) B60L 15/00 ( 2006.01 ) H02J 7/00 ( 2006.01 ) (31) 1761752 (32) 07.12.17 (33) FR (43) 27.06.2019 (72) Maunoury, Patrice (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (11) AU-A-2019203969 (21) 2019203969 (22) 06.06.2019 (54) CARD-CENTERED ABNORMALITY DETECTION SYSTEM USING CAMERA AND SHOE (51) Int. Cl. A63F 1/06 ( 2006.01 ) A63F 1/14 ( 2006.01 ) (43) 27.06.2019 (62) 2016324533 (72) Shigeta, Yasushi (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Anthrogenesis Corporation (11) AU-A-2019204020 (21) 2019204020 (22) 07.06.2019 (54) Natural killer cells and uses thereof (51) Int. Cl. C12N 5/07 ( 2010.01 ) C12N 5/078 ( 2010.01 ) C12N 5/0783 ( 2010.01 ) (43) 27.06.2019 (62) 2013302853 (72) Law, Eric; Kang, Lin; Jankovic, Vladimir; Zhang, Xiaokui; Abbot, Stewart; Hariri, Robert J. (74) FB Rice Pty Ltd</p> <hr/> <p>(71) AP Designs LLC (11) AU-A-2018278894 (21) 2018278894 (22) 12.12.2018 (54) Medication Reminder Toothbrush (51) Int. Cl. A61J 7/04 ( 2006.01 ) A46B 9/04 ( 2006.01 ) A46B 15/00 ( 2006.01 )</p>
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**(43)** 27.06.2019  
**(72)** Patel, Ashlesha  
**(74)** HopgoodGanim

**(71)** Apple Inc.  
**(11)** AU-A-2019203932  
**(21)** 2019203932 **(22)** 05.06.2019  
**(54)** Device, method, and graphical user interface for organizing and presenting a collection of media items  
**(51)** Int. Cl.  
**G06F 16/00** ( 2019.01 )  
**(43)** 27.06.2019  
**(62)** 2017203287  
**(72)** DELLINGER, Richard R.; CHRISTIE, Gregory N.; TITI, Justin  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Architecture Du Bois  
**(11)** AU-A-2019204042  
**(21)** 2019204042 **(22)** 10.06.2019  
**(54)** System for securing slats for forming a raised floor or deck  
**(51)** Int. Cl.  
**E04F 15/02** ( 2006.01 )  
**E04F 13/08** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2015233239  
**(72)** Andres, Wilfried; Jung, Eric  
**(74)** CreateIP

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2019203958  
**(21)** 2019203958 **(22)** 06.06.2019  
**(54)** A GAMING SYSTEM AND A METHOD OF GAMING  
**(51)** Int. Cl.  
**A63F 13/00** ( 2006.01 )  
**G07F 17/32** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2017204846  
**(72)** SHAI-HEE, Michael Allan  
**(74)** Griffith Hack

**(71)** Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University  
**(11)** AU-A-2019204047  
**(21)** 2019204047 **(22)** 11.06.2019  
**(54)** Immunosignaturing: a path to early diagnosis and health monitoring  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
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**G01N 33/00** ( 2006.01 )  
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**(43)** 27.06.2019  
**(62)** 2013308682  
**(72)** Johnston, Stephen Albert; Stafford, Philip; Woodbury, Neal  
**(74)** FB Rice Pty Ltd

**(71)** ATI Properties LLC  
**(11)** AU-A-2019203964  
**(21)** 2019203964 **(22)** 06.06.2019  
**(54)** THERMOMECHANICAL PROCESSING OF HIGH STRENGTH NON-MAGNETIC CORROSION RESISTANT MATERIAL  
**(51)** Int. Cl.  
**C21D 6/00** ( 2006.01 )  
**B21J 1/02** ( 2006.01 )  
**B21J 1/04** ( 2006.01 )  
**B21J 5/08** ( 2006.01 )  
**B21J 7/14** ( 2006.01 )  
**B21K 1/10** ( 2006.01 )  
**C21D 7/13** ( 2006.01 )  
**E21B 17/10** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2017202040  
**(72)** Forbes Jones, Robin M.; Smith Jr., George J.; Floder, Jason P.; Thomas, Jean-Philippe A.; Minisandram, Ramesh S.  
**(74)** K&L Gates

**(71)** Atrium Medical Corporation  
**(11)** AU-A-2019203962  
**(21)** 2019203962 **(22)** 06.06.2019  
**(54)** CHEST DRAINAGE SYSTEMS AND METHODS  
**(51)** Int. Cl.  
**A61M 27/00** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2014290371  
**(72)** Peatfield, Gregory  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2019203957  
**(21)** 2019203957 **(22)** 06.06.2019  
**(54)** Ported IV catheter having external needle shield and internal blood control septum  
**(51)** Int. Cl.  
**A61M 25/00** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
**A61M 39/00** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2014274933  
**(72)** Isaacson, S. Ray; Bornhoft, Stephen T.; Harding, Weston F.; Ma, Yiping; Shevgoor, Siddarth K.  
**(74)** FB Rice Pty Ltd

**(71)** BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.  
**(11)** AU-A-2017421870  
**(21)** 2017421870 **(22)** 11.12.2017  
**(54)** Systems and methods for identifying and positioning objects around a vehicle  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**(43)** 27.06.2019  
**(72)** Li, Jian; Ying, Zhenzhe  
**(74)** Shelston IP Pty Ltd.

**(71)** Bespoke Medical Innovations Pty Ltd  
**(11)** AU-A-2018279038  
**(21)** 2018279038 **(22)** 14.12.2018  
**(54)** IMPROVED SEAL-FORMING STRUCTURE FOR TREATING SLEEP DISORDERED BREATHING  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**(31)** 2017904973 **(32)** 11.12.17 **(33)** AU  
**(43)** 27.06.2019  
**(72)** Dodds, Christopher; Hilton, John; Kwok, Philip  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2018260829  
**(21)** 2018260829 **(22)** 06.11.2018  
**(54)** GRAPHICAL USER INTERFACE (GUI) FOR DISPLAYING ESTIMATED CARDIAC CATHETER PROXIMITY TO THE ESOPHAGUS  
**(51)** Int. Cl.  
**A61B 18/18** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )  
**(31)** 15/841,009 **(32)** 13.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** Govari, Assaf; Ozeri, Ella; Altmann, Andres Claudio  
**(74)** Spruson & Ferguson

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2018260830  
**(21)** 2018260830 **(22)** 06.11.2018  
**(54)** ESTIMATING CARDIAC CATHETER PROXIMITY TO THE ESOPHAGUS  
**(51)** Int. Cl.  
**A61B 18/18** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**(31)** 15/840,980 **(32)** 13.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** Govari, Assaf; Altmann, Andres Claudio  
**(74)** Spruson & Ferguson

**(71)** Bluebird Bio, Inc.  
**(11)** AU-A-2019203955  
**(21)** 2019203955 **(22)** 06.06.2019  
**(54)** Multipartite signaling proteins and uses thereof  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C12P 21/04** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2014296626  
**(72)** Jarjour, Jordan; Astrakhan, Alexander; Certo, Michael  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bobachi, LLC  
**(11)** AU-A-2018204214  
**(21)** 2018204214 **(22)** 13.06.2018  
**(54)** Screen  
**(51)** Int. Cl.  
**A47C 7/22** ( 2006.01 )

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**(43)** 27.06.2019  
**(72)** Bovay, Linda  
**(74)** Shelston IP Pty Ltd.

**(71)** BOE Technology Group Co., Ltd.  
**(11)** AU-A-2017416078  
**(21)** 2017416078 **(22)** 07.12.2017  
**(54)** Display panel having light modulation region, display apparatus, method of modulating display contrast of display panel, and method of fabricating display panel

**(51)** Int. Cl.  
**G09G 3/36** ( 2006.01 )  
**(43)** 27.06.2019  
**(72)** Shu, Shi; Xu, Chuanxiang; Lu, Jiangnan; Yue, Yang; Shi, Yue  
**(74)** Griffith Hack

**(71)** Bugatone Ltd.  
**(11)** AU-A-2019203949  
**(21)** 2019203949 **(22)** 06.06.2019  
**(54)** AURAL MEASUREMENTS FROM EARPHONE OUTPUT SPEAKERS

**(51)** Int. Cl.  
**H04M 9/08** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/021** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**H04R 3/00** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2015262864  
**(72)** Petrank, Noam; Ben-Ami, Edmund  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Canon Kabushiki Kaisha  
**(11)** AU-A-2017272325  
**(21)** 2017272325 **(22)** 08.12.2017  
**(54)** System and method of generating a composite frame

**(51)** Int. Cl.  
**H04N 5/00** ( 2011.01 )  
**(43)** 27.06.2019  
**(72)** Gupta, Amit Kumar; Pham, Quang Tuan  
**(74)** Spruson & Ferguson

**(71)** Capnia, Inc.  
**(11)** AU-A-2019203974  
**(21)** 2019203974 **(22)** 06.06.2019  
**(54)** Collection and analysis of a volume of exhaled gas with compensation for the frequency of a breathing parameter

**(51)** Int. Cl.  
**A62B 27/00** ( 2006.01 )  
**(43)** 27.06.2019  
**(62)** 2017216570  
**(72)** WONDKA, Anthony D.; BHATNAGAR, Anish  
**(74)** Griffith Hack

**(71)** Carl Zeiss Meditec Production, LLC  
**(11)** AU-A-2018274877  
**(21)** 2018274877 **(22)** 04.12.2018  
**(54)** Male form as an attachment element for an injector, and injector for implanting an intraocular lens in an eye

**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**A61F 9/00** ( 2006.01 )  
**(31)** 15/835,725 **(32)** 08.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** GLICK, Robert  
**(74)** Griffith Hack

**(71)** Caterpillar Inc.  
**(11)** AU-A-2018274870  
**(21)** 2018274870 **(22)** 04.12.2018  
**(54)** PROPULSION CONTROL SYSTEM WITH VARYING AGGRESSIVENESS OF RESPONSE

**(51)** Int. Cl.  
**F16H 61/66** ( 2006.01 )  
**F16H 55/52** ( 2006.01 )  
**(31)** 15/837,535 **(32)** 11.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** KURAS, Brian Dean; LANDERS, Sean Cameron; SONTN, Sangameshwar; SHARMA, Ankit  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2018274872  
**(21)** 2018274872 **(22)** 04.12.2018  
**(54)** SYSTEM FOR CONTROLLING A DRIVE OPERATION OF A MACHINE

**(51)** Int. Cl.  
**E02F 9/20** ( 2006.01 )  
**F16H 59/52** ( 2006.01 )  
**(31)** 15/837,936 **(32)** 11.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** CARDONA, Jose M  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-A-2018274895  
**(21)** 2018274895 **(22)** 05.12.2018  
**(54)** SYSTEM AND METHOD FOR DETECTION OF LOAD AND DUMP LOCATIONS

**(51)** Int. Cl.  
**G05D 1/02** ( 2006.01 )  
**(31)** 15/837,105 **(32)** 11.12.17 **(33)** US  
**(43)** 27.06.2019  
**(72)** TALMAKI, Sanat A.; SMALLENBERGER, Jason L.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Centurion Medical Products Corporation  
**(11)** AU-A-2019203979  
**(21)** 2019203979 **(22)** 06.06.2019  
**(54)** Prefilled container systems

**(51)** Int. Cl.  
**A61J 1/05** ( 2006.01 )  
**A61M 5/178** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**B65B 3/00** ( 2006.01 )

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**(72)** Kuehne, Kelley; Bauer, John T.; Carpenter, Curt; Leginski, Jessica  
**(74)** Shelston IP Pty Ltd.

**Chen, P. see Huang, S.**  
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**(21)** 2018278957

**(71)** China University of Mining and Technology  
**(11)** AU-A-2018208634  
**(21)** 2018208634 **(22)** 13.03.2018  
**(54)** Clean and efficient coal mining method

**(51)** Int. Cl.  
**E21C 41/00** ( 2006.01 )  
**(31)** 201711290893.8 **(32)** 08.12.17 **(33)** CN  
**(43)** 27.06.2019  
**(72)** Zhang, Nong; Xie, Zhengzheng; Zhou, Junyao  
**(74)** Griffith Hack

**(71)** China University of Mining and Technology; China Mining&Civil New Material Science and Technology Ltd.  
**(11)** AU-A-2018278957  
**(21)** 2018278957 **(22)** 12.06.2018  
**(54)** Coal mine underground bag-shaped filling structure and method of using same

**(51)** Int. Cl.  
**E21D 23/00** ( 2006.01 )  
**(31)** 201711326312.1 **(32)** 13.12.17 **(33)** CN  
**(43)** 27.06.2019  
**(72)** Yan, Shuai; Wang, Rui; Bai, Jianbiao; Wang, Xiangyu; Xu, Ying; Chang, Zhiguo; Song, Yuanba; Zhang, Junle; Bai, Xia; Xia, Junwu; Liu, Tianxiao; Zhao, Tainhao; Dan, Shenfu  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** China University of Mining and Technology  
**(11)** AU-A-2018308953  
**(21)** 2018308953 **(22)** 23.05.2018  
**(54)** Zero-gangue-discharge short-wall face pillar-free mining method

**(51)** Int. Cl.  
**E21C 41/16** ( 2006.01 )  
**(31)** 201711290733.3 **(32)** 08.12.17 **(33)** CN  
**(43)** 27.06.2019  
**(72)** Zhang, Nong; Wei, Qun; Xie, Zhengzheng; Zhou, Junyao  
**(74)** Michael Buck IP

**(71)** China University of Mining and Technology; Xuzhou Jinbo Safety and Technology Co., Ltd  
**(11)** AU-A-2018327220

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 (54) Combined automatic anti-explosion method for gas drainage pipeline  
 (51) Int. Cl.  
*E21F 7/00* ( 2006.01 )  
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 (72) Lu, Caiping; Zhang, Heng; Liu, Yang; Li, Ding  
 (74) Madderns Pty Ltd

(71) Colgate-Palmolive Company  
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 (74) Shelston IP Pty Ltd.

(71) Corda, F.  
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 (54) CRAWLING INSECT TRAP  
 (51) Int. Cl.  
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 (43) 27.06.2019  
 (72) Corda, Franceschino  
 (74) David Shanks & Associates

(71) Covidien LP  
 (11) AU-A-2018256491  
 (21) 2018256491 (22) 30.10.2018  
 (54) Surgical instrument including system for sensing tissue properties and methods thereof  
 (51) Int. Cl.  
*A61B 5/103* ( 2006.01 )  
*A61B 5/053* ( 2006.01 )  
 (31) 16/140,664 (32) 25.09.18 (33) US  
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 (43) 27.06.2019  
 (72) WILLIAMS, Justin  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2018256495  
 (21) 2018256495 (22) 30.10.2018  
 (54) Endoscopic reposible surgical clip applier  
 (51) Int. Cl.  
*A61B 17/128* ( 2006.01 )  
 (31) 62/597,586 (32) 12.12.17 (33) US  
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 (43) 27.06.2019  
 (72) ZAMMATARO, Thomas A.  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2018256567  
 (21) 2018256567 (22) 31.10.2018

(54) Surgical instruments including devices for sensing tissue properties and methods thereof  
 (51) Int. Cl.  
*A61B 17/94* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
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 (31) 62/597,595 (32) 12.12.17 (33) US  
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 (74) Spruson & Ferguson

(71) Covidien LP  
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 (54) Reposable multi-fire surgical clip applier  
 (51) Int. Cl.  
*A61B 17/068* ( 2006.01 )  
 (31) 16/142,108 (32) 26.09.18 (33) US  
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(71) Covidien LP  
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 (54) Reposable multi-fire surgical clip applier  
 (51) Int. Cl.  
*A61B 17/068* ( 2006.01 )  
*A61B 17/128* ( 2006.01 )  
*A61B 50/30* ( 2016.01 )  
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 (43) 27.06.2019  
 (72) P. V. R., Mohan  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2018260903  
 (21) 2018260903 (22) 08.11.2018  
 (54) Reposable multi-fire surgical clip applier  
 (51) Int. Cl.  
*A61B 17/068* ( 2006.01 )  
*A61B 17/128* ( 2006.01 )  
*A61B 50/30* ( 2016.01 )  
 (31) 62/598,437 (32) 13.12.17 (33) US  
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 (43) 27.06.2019  
 (72) P. V. R., Mohan  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2018267593  
 (21) 2018267593 (22) 21.11.2018  
 (54) Surgical buttress for circular stapling  
 (51) Int. Cl.  
*A61B 17/072* ( 2006.01 )  
 (31) 16/189,601 (32) 13.11.18 (33) US  
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 (43) 27.06.2019  
 (72) KOLLAR, Charles R.; FOGARTY, Kevin R.  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2018267608  
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 (54) Chisel cut staples for use in surgical staplers and a method for manufacturing surgical staples  
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**B29C 63/02** ( 2006.01 )  
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**B29C 70/50** ( 2006.01 )  
**B29C 70/68** ( 2006.01 )  
**B29D 23/00** ( 2006.01 )  
**B29D 23/18** ( 2006.01 )  
**B32B 1/08** ( 2006.01 )  
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*E04H 4/16* ( 2006.01 )  
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 (21) 2018264158 (22) 17.11.2018  
 (54) HELPER SOFTWARE DEVELOPER KIT FOR NATIVE DEVICE HYBRID APPLICATIONS  
 (51) Int. Cl.  
*G06F 9/44* ( 2018.01 )  
*G06F 8/60* ( 2018.01 )  
*G06F 9/54* ( 2006.01 )  
*G06F 21/31* ( 2013.01 )  
 (31) 62/595,665 (32) 07.12.17 (33) US  
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- (71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2019204022  
 (21) 2019204022 (22) 07.06.2019  
 (54) Fluoropolymer barrier materials for containers  
 (51) Int. Cl.  
*A61M 5/315* ( 2006.01 )  
 (43) 27.06.2019  
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- (71) Weatherford Technology Holdings, LLC  
 (11) AU-A-2018204706  
 (21) 2018204706 (22) 28.06.2018  
 (54) A FLOW CONTROL DEVICE  
 (51) Int. Cl.  
*E21B 33/14* ( 2006.01 )  
*E21B 43/12* ( 2006.01 )  
 (31) 15/838,023 (32) 11.12.17 (33) US  
 (43) 27.06.2019  
 (72) GIROUX, Richard L.; SEPULVEDA, Michael J.; SYMMMS, Joshua Vernon; JACOB, Jobby T.  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd
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- (71) Weber-Stephen Products LLC  
 (11) AU-A-2019203941  
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 (51) Int. Cl.  
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Xuzhou Jinbo Safety and Technology Co.,  
 Ltd see China University of Mining and  
 Technology  
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(71) Westinghouse Air Brake Technologies Corporation  
 (11) AU-A-2018274928  
 (21) 2018274928 (22) 05.12.2018  
 (54) QUICK SERVICE LIMITING VALVE  
 (51) Int. Cl.  
     *B60T 15/28* ( 2006.01 )  
     *F16K 1/00* ( 2006.01 )  
 (31) 62/596,280 (32) 08.12.17 (33) US  
     16/202,750 28.11.18 US  
 (43) 27.06.2019  
 (72) Potter, William John; Repko, Ryan; Gaughan, Edward W.  
 (74) Madderns Pty Ltd

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 (21) 2018274993

(71) Windor Group Pty Ltd  
 (11) AU-A-2018274934  
 (21) 2018274934 (22) 06.12.2018  
 (54) Opener Limiter  
 (51) Int. Cl.  
     *E05F 11/06* ( 2006.01 )  
 (31) 2017904933 (32) 07.12.17 (33) AU  
 (43) 27.06.2019  
 (72) Wu, Jun  
 (74) AUSTRALASIA IP PTY LTD

(71) Xencor, Inc.  
 (11) AU-A-2019203977  
 (21) 2019203977 (22) 06.06.2019  
 (54) Heterodimeric proteins  
 (51) Int. Cl.  
     *C07K 16/06* ( 2006.01 )  
     *C07K 16/28* ( 2006.01 )  
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(71) XpandOrtho, Inc.  
 (11) AU-A-2019203970  
 (21) 2019203970 (22) 06.06.2019  
 (54) Actuated Positioning Device For Arthroplasty And Methods Of Use  
 (51) Int. Cl.  
     *A61F 2/30* ( 2006.01 )  
     *A61B 17/56* ( 2006.01 )  
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<b>2017272306</b>	Royal Wolf Trading Australia Pty Limited	<b>2018278896</b>	Tidd Ross Todd Limited
<b>2017272325</b>	Canon Kabushiki Kaisha	<b>2018278899</b>	CSR Building Products Limited
<b>2017276217</b>	Huang, S.; Chen, P.	<b>2018278952</b>	Total Marine Technology Pty Ltd
<b>2017276240</b>	Corda, F.	<b>2018278957</b>	China University of Mining and Technology; China Mining&Civil New Material Science and Technology Ltd.
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<b>2017417165</b>	POSTECH Academy-Industry Foundation	<b>2018278996</b>	Maytronics Ltd
<b>2017421870</b>	BEIJING DIDI INFINITY TECHNOLOGY AND DEVEL- OPMENT CO., LTD.	<b>2018279013</b>	Tata Consultancy Services Limited
<b>2017440984</b>	Stryker European Holdings I, LLC	<b>2018279038</b>	Bespoke Medical Innovations Pty Ltd
<b>2018204214</b>	Bobachi, LLC	<b>2018298510</b>	LG Electronics Inc.
<b>2018204706</b>	Weatherford Technology Holdings, LLC	<b>2018308953</b>	China University of Mining and Technology
<b>2018208634</b>	China University of Mining and Technology	<b>2018327220</b>	China University of Mining and Technology; Xuzhou Jinbo Safety and Technology Co., Ltd
<b>2018236861</b>	Marchesan Implementos e Máquinas Agrícolas Tatu S.A.	<b>2018366342</b>	Jiangsu Zhongbang Pharmaceutical Co.,Ltd.
<b>2018247347</b>	Detect Systems LLC	<b>2019201537</b>	The Climate Corporation
<b>2018250388</b>	Accenture Global Solutions Limited	<b>2019203674</b>	Ionis Pharmaceuticals, Inc.
<b>2018250425</b>	GUETTA, L.	<b>2019203676</b>	Rekluse Motor Sports, Inc.
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<b>2018256495</b>	Covidien LP	<b>2019203931</b>	Syntrix Biosystems, Inc.
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<b>2018256567</b>	Covidien LP	<b>2019203934</b>	Garrett Thermal Systems Limited
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<b>2018260796</b>	Covidien LP	<b>2019203938</b>	Levitation Sciences LLC
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<b>2018260830</b>	Biosense Webster (Israel) Ltd.	<b>2019203943</b>	VCell Therapeutics, Inc.
<b>2018260855</b>	Accenture Global Solutions Limited	<b>2019203944</b>	Ali-Jak Holdings Pty Ltd
<b>2018260894</b>	Covidien LP	<b>2019203947</b>	Husqvarna AB
<b>2018260903</b>	Covidien LP	<b>2019203949</b>	Bugatone Ltd.
<b>2018264018</b>	SAF-Holland, Inc.	<b>2019203950</b>	ESS Tech, Inc
<b>2018264132</b>	IGT	<b>2019203953</b>	Nevro Corporation
<b>2018264133</b>	IGT	<b>2019203955</b>	Bluebird Bio, Inc.
<b>2018264158</b>	VISA International Service Association	<b>2019203956</b>	CSR Building Products Limited
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<b>2018267608</b>	Covidien LP	<b>2019203958</b>	Aristocrat Technologies Australia Pty Limited
<b>2018267651</b>	The Boeing Company	<b>2019203959</b>	Visa International Service Association
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<b><u>A01N 43 /-</u></b>	<b><u>B60P 1 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>G06F 3 /-</u></b>	
2019100546	2019100531	2019100556	2019100566 2019100576	
<b><u>A21B 5 /-</u></b>	<b><u>B60S 9 /-</u></b>	<b><u>F01P 3 /-</u></b>	<b><u>G06K 19 /-</u></b>	
2019100526	2019100533	2019100478	2019100553	
<b><u>A23C 9 /-</u></b>	<b><u>B65D 19 /-</u></b>	<b><u>F02B 29 /-</u></b>	<b><u>G06Q 10 /-</u></b>	
2019100542	2019100528	2019100478	2019100428 2019100554	
<b><u>A23N 15 /-</u></b>	<b><u>B65D 39 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>G06Q 30 /-</u></b>	
2019100571	2019100522	2019100563	2019100428 2019100554	
<b><u>A61J 1 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>G07G 1 /-</u></b>	
2019100522	2019100534	2019100530	2019100428	
<b><u>A61K 31 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>F21K 9 /-</u></b>	<b><u>G07G 3 /-</u></b>	
2019100571	2016102416	2019100537	2019100428	
<b><u>A61M 21 /-</u></b>	<b><u>B66F 17 /-</u></b>	<b><u>F21V 17 /-</u></b>	<b><u>G08B 21 /-</u></b>	
2019100550	2019100533	2019100537	2019100582	
<b><u>A63B 5 /-</u></b>	<b><u>B66F 7 /-</u></b>	<b><u>F21V 19 /-</u></b>	<b><u>G09F 3 /-</u></b>	
2015101937	2019100533 2019100543	2019100537	2015101956	
<b><u>B01D 11 /-</u></b>	<b><u>C08J 5 /-</u></b>	<b><u>F21V 21 /-</u></b>	<b><u>H01R 13 /-</u></b>	
2019100571	2019100561	2019100537	2019100539	
<b><u>B01D 3 /-</u></b>	<b><u>C08L 3 /-</u></b>	<b><u>F21V 33 /-</u></b>	<b><u>H02J 3 /-</u></b>	
2019100571	2019100561	2019100539	2019100540	
<b><u>B01D 53 /-</u></b>	<b><u>C08L 67 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2019100548	2019100561	2019100445	2019100560	
<b><u>B02C 23 /-</u></b>	<b><u>C10L 9 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2019100571	2019100548	2019100582	2019100541 2019100560	
<b><u>B23P 15 /-</u></b>	<b><u>C12P 11 /-</u></b>	<b><u>G02B 5 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2019100563	2019100571	2015101956	2019100574	
<b><u>B32B 27 /-</u></b>	<b><u>E01C 5 /-</u></b>	<b><u>G04B 19 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2019100561	2019100555	2019100527	2019100541 2019100582	
<b><u>B32B 7 /-</u></b>	<b><u>E04B 2 /-</u></b>	<b><u>G04G 9 /-</u></b>		
2015101956	2019100555	2019100527		



PCT applications which have entered the National Phase

Name Index

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

<p>(71) 206 Ortho, Inc.                      (11) AU-A-2017357085                      (21) 2017357085 (22) 13.11.2017                      (54) Method for treating bone fractures, and fortifying bone, using composite implants, for medical and non-medical applications                      (51) Int. Cl.                      A61L 27/00 ( 2006.01 )                      A61F 2/28 ( 2006.01 )                      (87) WO2018/089939                      (31) 62/420,429 (32) 10.11.16 (33) US                      (43) 17.05.2018                      (72) D'Agostino, Jeffrey A.; Blank, Werner; Hegedus, Charles; Agarwal, Sandip; Nelson, Elizabeth; Whitehouse, Robert S.                      (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(54) A stable, self-dispersible, low foaming solid pesticide formulation                      (51) Int. Cl.                      A01N 47/04 ( 2006.01 )                      A01N 25/12 ( 2006.01 )                      A01N 25/34 ( 2006.01 )                      A01N 37/38 ( 2006.01 )                      A01N 43/707 ( 2006.01 )                      A01N 43/90 ( 2006.01 )                      A01N 47/12 ( 2006.01 )                      A01N 51/00 ( 2006.01 )                      A01N 57/12 ( 2006.01 )                      A01P 3/00 ( 2006.01 )                      (87) WO2018/104784                      (31) 62/431,342 (32) 07.12.16 (33) US                      (43) 14.06.2018                      (72) Levy, Shlomo; Berkovitch, Michael; Firer, Viacheslav                      (74) Spruson &amp; Ferguson</p>	<p>Adamo, Anthony John; Principe-Frank, Diane; He, Qiwei; Morales, John M.                      (74) Spruson &amp; Ferguson</p>
<p>(71) 2D Fluidics Pty Ltd                      (11) AU-A-2017358399                      (21) 2017358399 (22) 10.11.2017                      (54) Processes for controlling structure and/or properties of carbon and boron nano-materials                      (51) Int. Cl.                      C01B 32/176 ( 2017.01 )                      B82Y 40/00 ( 2011.01 )                      C01B 32/156 ( 2017.01 )                      (87) WO2018/085882                      (31) 2016904591 (32) 10.11.16 (33) AU                      (43) 17.05.2018                      (72) Vimalanathan, Kasturi; Raston, Colin Llewellyn; Luo, Xuan; Al Harbi, Boediea Saad B.; Alharbi, Thaar Muqhim D.                      (74) Watermark Intellectual Property Pty Ltd</p>	<p>(71) AIXLens GmbH                      (11) AU-A-2017376731                      (21) 2017376731 (22) 12.10.2017                      (54) Method for producing a transmissive optics                      (51) Int. Cl.                      B23K 26/36 ( 2014.01 )                      B23K 26/0622 ( 2014.01 )                      B23K 26/082 ( 2014.01 )                      B29D 11/00 ( 2006.01 )                      B33Y 80/00 ( 2015.01 )                      G02B 1/04 ( 2006.01 )                      B22F 3/105 ( 2006.01 )                      B23K 103/00 ( 2006.01 )                      (87) WO2018/108192                      (31) 10 2017 002 986.5 (32) 28.03.17 (33) DE                      10 2016 014 747.4 13.12.16 DE                      (43) 21.06.2018                      (72) Von Wallfeld, Axel; Poprawe, Reinhart; Fornaroli, Christian; Willenborg, Edgar; Weingarten, Christian; Clasen, Uwe                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Alarcón Rojas, H.                      (11) AU-A-2017361991                      (21) 2017361991 (22) 17.11.2017                      (54) Container device for paper and/or cardboard moulds, for use in a baking process, formed by intersecting bars forming a rack comprising cavities for the moulds                      (51) Int. Cl.                      A21B 3/00 ( 2006.01 )                      A21B 3/13 ( 2006.01 )                      A21B 3/15 ( 2006.01 )                      F24C 15/00 ( 2006.01 )                      F24C 15/16 ( 2006.01 )                      (87) WO2018/090153                      (31) 2938-2016 (32) 17.11.16 (33) CL                      (43) 24.05.2018                      (72) Alarcón Rojas, Hugo Armando                      (74) Hugo Alacon</p>
<p>(71) Acerta Pharma B.V.                      (11) AU-A-2017383236                      (21) 2017383236 (22) 21.12.2017                      (54) Imidazopyrazine inhibitors of Bruton's tyrosine kinase                      (51) Int. Cl.                      C07D 401/12 ( 2006.01 )                      A61P 35/00 ( 2006.01 )                      A61P 37/00 ( 2006.01 )                      (87) WO2018/116259                      (31) 62/569,028 (32) 06.10.17 (33) US                      62/437,633 21.12.16 US                      (43) 28.06.2018                      (72) Podoll, Terry; Everts, Jerry; Kaptein, Alard                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Akzo Nobel Chemicals International B.V.                      (11) AU-A-2017385510                      (21) 2017385510 (22) 21.12.2017                      (54) Thickened organic liquid compositions with polymeric rheology modifiers                      (51) Int. Cl.                      A01N 25/04 ( 2006.01 )                      C08F 212/08 ( 2006.01 )                      C08F 220/18 ( 2006.01 )                      (87) WO2018/122122                      (31) 62/439,993 (32) 29.12.16 (33) US                      62/439,979 29.12.16 US                      17159558.0 07.03.17 EP                      17159554.9 07.03.17 EP                      (43) 05.07.2018                      (72) Zhu, Shawn; Thomaidis, John Soocrates; Boracci, Andrew Richard;</p>	<p>(71) Alexza Pharmaceuticals, Inc.                      (11) AU-A-2017370747                      (21) 2017370747 (22) 08.12.2017                      (54) Method of treating epilepsy                      (51) Int. Cl.                      A61K 31/573 ( 2006.01 )                      (87) WO2018/107045                      (31) 62/485,281 (32) 13.04.17 (33) US                      62/432,353 09.12.16 US                      (43) 14.06.2018                      (72) Cassella, James; Gong, Lily; Kamemoto, Edwin S.                      (74) Davies Collison Cave Pty Ltd</p>
<p>(71) ADAMA Makhteshim Ltd.                      (11) AU-A-2017371838                      (21) 2017371838 (22) 07.12.2017</p>	<p>(71) Alibaba Group Holding Limited                      (11) AU-A-2017376036                      (21) 2017376036 (22) 04.12.2017                      (54) Two-dimensional barcode processing method, device, and system                      (51) Int. Cl.                      H04L 29/06 ( 2006.01 )                      (87) WO2018/107988                      (31) 201611154671.9 (32) 14.12.16 (33) CN                      (43) 21.06.2018                      (72) Shen, Lingnan; Chen, Ge; Liu, Yanghui; Jin, Huiheng                      (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Altave Indústria, Comércio E Exportação De Aeronaves Ltda-Me                      (11) AU-A-2016428619                      (21) 2016428619 (22) 07.11.2016                      (54) Tethered aerial system and tether cable                      (51) Int. Cl.                      B64B 1/50 ( 2006.01 )</p>

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

- B64B 1/66** ( 2006.01 )  
**B64F 1/14** ( 2006.01 )  
**H02N 3/00** ( 2006.01 )  
**(87)** WO2018/081879  
**(43)** 11.05.2018  
**(72)** Azevedo, Bruno Avena De; Neto, Ismael Jorge Costa; Júnior, Gilson Vicente Soares; Ferreira, Arthur Silva Costa  
**(74)** LEGALVISION ILP PTY. LTD.
- 
- (71)** AlzeCure Pharma AB  
**(11)** AU-A-2017380583  
**(21)** 2017380583 **(22)** 21.12.2017  
**(54)** Triazinetrione derivatives and their use as modulators of neurotrophin receptor and receptor tyrosine kinases  
**(51)** Int. Cl.  
**A61K 31/53** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 251/30** ( 2006.01 )  
**(87)** WO2018/115891  
**(31)** 1651706-2 **(32)** 21.12.16 **(33)** SE  
**(43)** 28.06.2018  
**(72)** Nordvall, Gunnar; Forsell, Pontus; Sandin, Johan  
**(74)** FB Rice Pty Ltd
- 
- (71)** Amgen Inc.  
**(11)** AU-A-2018220538  
**(21)** 2018220538 **(22)** 17.01.2018  
**(54)** Drug delivery device with sterile fluid flowpath and related method of assembly  
**(51)** Int. Cl.  
**A61M 5/145** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**A61M 5/28** ( 2006.01 )  
**(87)** WO2018/151890  
**(31)** 62/460,559 **(32)** 17.02.17 **(33)** US  
**(43)** 23.08.2018  
**(72)** Damestani, Yasaman; Ring, Lawrence S.  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Appix Project Inc.  
**(11)** AU-A-2017381575  
**(21)** 2017381575 **(22)** 20.12.2017  
**(54)** Systems and methods for displaying images across multiple devices  
**(51)** Int. Cl.  
**H04W 4/00** ( 2018.01 )  
**G01S 5/18** ( 2006.01 )  
**H04W 4/021** ( 2018.01 )  
**H04W 4/30** ( 2018.01 )  
**H05B 37/02** ( 2006.01 )  
**G01S 5/10** ( 2006.01 )  
**(87)** WO2018/112632  
**(31)** 62/436,652 **(32)** 20.12.16 **(33)** US  
**(43)** 28.06.2018  
**(72)** Wylie, Aaron James; Wylie, Benjamin Joseph; Tummond, Jacob; Bornn, Luke Carey  
**(74)** AJ PARK
- 
- (71)** Apple Inc.  
**(11)** AU-A-2017253712  
**(21)** 2017253712 **(22)** 13.04.2017  
**(54)** Optical system for reference switching  
**(51)** Int. Cl.  
**G01J 3/02** ( 2006.01 )  
**G01J 3/10** ( 2006.01 )  
**G01J 3/36** ( 2006.01 )  
**G01J 3/42** ( 2006.01 )  
**G01N 21/25** ( 2006.01 )  
**(87)** WO2017/184420  
**(31)** 62/325,908 **(32)** 21.04.16 **(33)** US  
**(43)** 26.10.2017  
**(72)** Arbore, Mark Alan; Shambat, Gary; Terrel, Matthew A.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Avectas Limited  
**(11)** AU-A-2017381598  
**(21)** 2017381598 **(22)** 21.12.2017  
**(54)** Vector-free intracellular delivery by reversible permeabilisation  
**(51)** Int. Cl.  
**C12M 3/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12M 1/42** ( 2006.01 )  
**C12M 3/02** ( 2006.01 )  
**C12N 13/00** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )  
**(87)** WO2018/115973  
**(31)** 62/536,831 **(32)** 25.07.17 **(33)** US  
 62/438,298 22.12.16 US  
 62/528,963 05.07.17 US  
**(43)** 28.06.2018  
**(72)** Maguire, Michael; O'Dea, Shirley  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Avery Dennison Retail Information Services, LLC  
**(11)** AU-A-2016434409  
**(21)** 2016434409 **(22)** 29.12.2016  
**(54)** Printer acting as host for device printers/scanners  
**(51)** Int. Cl.  
**G06F 3/12** ( 2006.01 )  
**(87)** WO2018/125131  
**(43)** 05.07.2018  
**(72)** Best, David Eric  
**(74)** Ellis Terry
- 
- (71)** B&D Australia Pty Ltd  
**(11)** AU-A-2017372889  
**(21)** 2017372889 **(22)** 11.12.2017  
**(54)** Decorative facade for garage doors  
**(51)** Int. Cl.  
**E06B 9/13** ( 2006.01 )  
**E06B 3/70** ( 2006.01 )  
**E06B 9/15** ( 2006.01 )  
**(87)** WO2018/102892  
**(31)** 2016905093 **(32)** 09.12.16 **(33)** AU  
**(43)** 14.06.2018  
**(72)** James, Gregory Brian  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** BAE Systems Information and Electronic Systems Integration Inc.  
**(11)** AU-A-2017378131  
**(21)** 2017378131 **(22)** 11.12.2017  
**(54)** System and method for stores communications  
**(51)** Int. Cl.  
**F41G 7/00** ( 2006.01 )  
**F41G 7/36** ( 2006.01 )  
**(87)** WO2018/111764  
**(31)** 15/376,014 **(32)** 12.12.16 **(33)** US  
**(43)** 21.06.2018  
**(72)** Steenson Jr., James H.; Gillespie, David M.; Janiak, Derek P.  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** BASF SE  
**(11)** AU-A-2017381001  
**(21)** 2017381001 **(22)** 21.12.2017  
**(54)** Stabilization of particles coated with non-amphoteric, quaternizable and water-soluble polymers using a dispersing component  
**(51)** Int. Cl.  
**A01N 25/28** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/10** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 37/34** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 53/00** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A61K 8/11** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**(87)** WO2018/115266  
**(31)** 16002735.5 **(32)** 23.12.16 **(33)** EP  
**(43)** 28.06.2018  
**(72)** Seelmann-Eggebert, Hans-Peter; Ben-tele, Joachim; Poulton, Simon  
**(74)** Watermark Intellectual Property Pty Ltd
- 
- (71)** Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft  
**(11)** AU-A-2017375012  
**(21)** 2017375012 **(22)** 13.12.2017  
**(54)** Phenylamidines and the use thereof as fungicides  
**(51)** Int. Cl.  
**C07C 257/18** ( 2006.01 )  
**A01N 37/52** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**(87)** WO2018/108998  
**(31)** 16204169.3 **(32)** 14.12.16 **(33)** EP  
**(43)** 21.06.2018  
**(72)** Montagne, Cyril; Es-Sayed, Mazen; Görtz, Andreas; Wachendorff-Neumann, Ulrike  
**(74)** Griffith Hack
- 
- (71)** Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft  
**(11)** AU-A-2017376404  
**(21)** 2017376404 **(22)** 13.12.2017  
**(54)** Active compound combinations  
**(51)** Int. Cl.  
**A01N 37/52** ( 2006.01 )

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**A01N 25/32** ( 2006.01 )  
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**A01N 43/56** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 45/02** ( 2006.01 )  
**A01N 47/14** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 5/00** ( 2006.01 )  
**(87)** WO2018/108977  
**(31)** 16204160.2 **(32)** 14.12.16 **(33)** EP  
**(43)** 21.06.2018  
**(72)** Montagne, Cyril; Hillebrand, Stefan;  
 Es-Sayed, Mazen; Görtz, Andreas;  
 Wachendorff-Neumann, Ulrike  
**(74)** Griffith Hack

**(71)** Bayer CropScience Aktiengesellschaft;  
 Bayer Aktiengesellschaft  
**(11)** AU-A-2017384142  
**(21)** 2017384142 **(22)** 18.12.2017  
**(54)** Herbicide combinations  
**(51)** Int. Cl.  
**A01N 43/40** ( 2006.01 )  
**A01N 43/707** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**(87)** WO2018/114796  
**(31)** 16205640.2 **(32)** 21.12.16 **(33)** EP  
**(43)** 28.06.2018  
**(72)** Tossens, Herve; Wilde, Thomas; Wa-  
 gener, Fritz; King, Steven Russel  
**(74)** Griffith Hack

**(71)** Becton Dickinson Rowa Germany  
 GmbH  
**(11)** AU-A-2017387363  
**(21)** 2017387363 **(22)** 06.12.2017  
**(54)** Storage container for a storage and dis-  
 pensing station for drug portions  
**(51)** Int. Cl.  
**G07F 17/00** ( 2006.01 )  
**A61J 1/03** ( 2006.01 )  
**B65D 83/04** ( 2006.01 )  
**G07F 11/00** ( 2006.01 )  
**G07F 11/24** ( 2006.01 )  
**G07F 11/44** ( 2006.01 )  
**(87)** WO2018/121963  
**(31)** 16207228.4 **(32)** 29.12.16 **(33)** EP  
**(43)** 05.07.2018  
**(72)** Mikeska, Thomas  
**(74)** FB Rice Pty Ltd

**(71)** BEIJING DIDI INFINITY TECHNO-  
 LOGY AND DEVELOPMENT CO., LTD.  
**(11)** AU-A-2017421870  
**(21)** 2017421870 **(22)** 11.12.2017  
**(54)** Systems and methods for identify-  
 ing and positioning objects around a  
 vehicle  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**(43)** 27.06.2019  
**(72)** Li, Jian; Ying, Zhenzhe  
**(74)** Shelston IP Pty Ltd.

**(71)** Benedict Gesellschaft M.B.H.  
**(11)** AU-A-2017356333  
**(21)** 2017356333 **(22)** 09.11.2017  
**(54)** Load break switch  
**(51)** Int. Cl.  
**H01H 19/64** ( 2006.01 )  
**H01H 19/04** ( 2006.01 )  
**(87)** WO2018/085873  
**(31)** GM 50236/2016 **(32)** 09.11.16 **(33)** AT  
**(43)** 17.05.2018  
**(72)** Benedict, Alexander  
**(74)** Spruson & Ferguson

**(71)** Bicyclelex Limited  
**(11)** AU-A-2017383008  
**(21)** 2017383008 **(22)** 20.12.2017  
**(54)** Peptide ligands for binding to MT1-  
 mmp  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 47/64** ( 2017.01 )  
**A61K 51/04** ( 2006.01 )  
**A61K 51/08** ( 2006.01 )  
**(87)** WO2018/115204  
**(31)** 1622142.6 **(32)** 23.12.16 **(33)** GB  
 1713560.9 23.08.17 GB  
**(43)** 28.06.2018  
**(72)** Teufel, Daniel; Mudd, Gemma; Pavan,  
 Silvia  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bluebird Bio, Inc.  
**(11)** AU-A-2017370662  
**(21)** 2017370662 **(22)** 06.12.2017  
**(54)** Gene therapy for mucopolysacchar-  
 idosis, type I  
**(51)** Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**A61K 35/76** ( 2015.01 )  
**A61K 38/43** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2018/106807  
**(31)** 62/430,795 **(32)** 06.12.16 **(33)** US  
**(43)** 14.06.2018  
**(72)** Goss, Kendrick A.; Parsons, Geoffrey  
 B.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bluebird Bio, Inc.  
**(11)** AU-A-2017370673  
**(21)** 2017370673 **(22)** 06.12.2017  
**(54)** Gene therapy for mucopolysacchar-  
 idosis, type II  
**(51)** Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**A61K 35/76** ( 2015.01 )  
**A61K 38/43** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2018/106821  
**(31)** 62/430,819 **(32)** 06.12.16 **(33)** US  
**(43)** 14.06.2018  
**(72)** Goss, Kendrick A.; Parsons, Geoffrey  
 B.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bluecar  
**(11)** AU-A-2017384401

**(21)** 2017384401 **(22)** 19.12.2017  
**(54)** Method and system for managing a re-  
 chargeable electric or hybrid vehicle  
**(51)** Int. Cl.  
**B60L 58/20** ( 2019.01 )  
**(87)** WO2018/114916  
**(31)** 1662971 **(32)** 21.12.16 **(33)** FR  
**(43)** 28.06.2018  
**(72)** Bardot, Christophe; Rochais, Alain;  
 Lesnik, Guillaume; Perrier, Laurent  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Board of Trustees of the University Of  
 Arkansas  
**(11)** AU-A-2017379071  
**(21)** 2017379071 **(22)** 21.12.2017  
**(54)** Energy harvesting devices and  
 sensors, and methods of making and  
 use thereof  
**(51)** Int. Cl.  
**B81B 3/00** ( 2006.01 )  
**F03G 7/08** ( 2006.01 )  
**H01L 41/113** ( 2006.01 )  
**H02N 2/18** ( 2006.01 )  
**(87)** WO2018/119180  
**(31)** 62/438,327 **(32)** 22.12.16 **(33)** US  
**(43)** 28.06.2018  
**(72)** Thibado, Paul; Kumar, Pradeep  
**(74)** RnB IP Pty Ltd

**(71)** Boehringer Ingelheim Animal Health  
 USA Inc.  
**(11)** AU-A-2018212843  
**(21)** 2018212843 **(22)** 26.01.2018  
**(54)** Porcine coronavirus vaccines  
**(51)** Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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C07D 487/04 ( 2006.01 )  
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H04W 48/16 ( 2009.01 )  
H04W 76/10 ( 2018.01 )  
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H04L 12/28 ( 2006.01 )  
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B23Q 11/10 ( 2006.01 )  
B23D 59/02 ( 2006.01 )  
B25F 5/02 ( 2006.01 )  
B27G 19/04 ( 2006.01 )  
B28D 1/04 ( 2006.01 )  
B28D 1/24 ( 2006.01 )  
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(51) Int. Cl.

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**A47K 10/36** ( 2006.01 )  
**B65H 1/12** ( 2006.01 )  
**B65H 3/54** ( 2006.01 )  
**G07B 3/04** ( 2006.01 )  
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**A61B 17/00** ( 2006.01 )  
**A61M 39/10** ( 2006.01 )  
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*A01N 43/90* (2006.01)  
*A01N 45/02* (2006.01)  
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*A01P 3/00* (2006.01)  
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**A62C 2/06** ( 2006.01 )  
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**G06T 7/90** ( 2017.01 )  
**A01G 25/16** ( 2006.01 )  
**G01J 3/02** ( 2006.01 )  
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**G01J 3/36** ( 2006.01 )  
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**G01N 21/84** ( 2006.01 )  
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**G01F 1/00** ( 2006.01 )  
**A47J 31/44** ( 2006.01 )  
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**A01M 21/04** ( 2006.01 )  
**A01B 47/00** ( 2006.01 )  
**A01G 7/04** ( 2006.01 )  
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**A61F 2/95** ( 2013.01 )  
**F16H 1/28** ( 2006.01 )  
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2016429038	Lim, C.	2017371223	Zenflow, Inc.
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2016432164	Colgate-Palmolive Company	2017371391	Cogniant Pty Ltd
2016432230	Mitsubishi Electric Corporation	2017371392	Rainbow, H.
2016432415	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017371416	Rheinische Friedrich-Wilhelms-Universität Bonn; Stiftung Caesar
2016432636	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017371472	Stichting Voor de Technische Wetenschappen; Universiteit Van Amsterdam
2016434409	Avery Dennison Retail Information Services, LLC	2017371477	Quest Photonic Devices B.V.
2016434431	Sealy Technology, LLC	2017371507	Universite de Lille; Centre Hospitalier Regional et Universitaire de Lille (CHRU); Universite d'Artois
2016434856	Transitions Optical, Ltd.		Pedrocco, L.
2017253712	Apple Inc.	2017371739	Crown Packaging Technology, Inc.
2017352748	Paradise Honey Oy	2017371808	ADAMA Makhteshim Ltd.
2017355719	Southwire Company, LLC	2017371838	Telefonaktiebolaget LM Ericsson (publ)
2017356333	Benedict Gesellschaft M.B.H.	2017371947	Cassit Orthopedics Ltd.
2017356679	Gooeee Limited	2017372059	MasterCard International Incorporated
2017356680	Gooeee Limited	2017372477	Mayo Foundation for Medical Education and Research
2017356796	Sun Electric Digital Stream Ltd.	2017372734	YSI, Inc.
2017357085	206 Ortho, Inc.	2017372870	THF Innovation Pty Ltd
2017357452	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2017372881	Construkta World Pty Ltd
2017357454	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2017372884	B&D Australia Pty Ltd
2017357654	Millard, S.	2017372889	Newtrax Holdings Inc.
2017357775	ConnectWise, Inc.; Fulton, C.; Burgess, S.; Bellini, A.	2017372909	Survitec Group Limited
2017357813	Boehringer Ingelheim Vetmedica GmbH	2017373391	InPhoTech Spolka Z Ograniczona Odpowiedzialnoscia
2017357822	Selane Products, Inc.	2017373550	Immatics Biotechnologies GmbH
2017357843	University of Tennessee Research Foundation	2017373740	Immatics Biotechnologies GmbH
2017357867	Galmed Research and Development Ltd.	2017373815	N.V. Nutricia
2017357868	Galmed Research and Development Ltd.	2017373837	Case Western Reserve University
2017358066	Formalytics Holdings Pty Ltd	2017373858	Celularity, Inc.
2017358397	Speedpanel Holdings Pty Ltd	2017373862	Saudi Arabian Oil Company
2017358399	2D Fluidics Pty Ltd	2017373948	Scheich, D.
2017358578	Philogen S.p.A	2017373956	EVG Entwicklungs- u. Verwertungs-Gesellschaft m.b.H.
2017359338	Gynesonics, Inc.	2017374521	GW Research Limited
2017359673	Clementia Pharmaceuticals Inc.	2017374777	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft
2017359844	Impact Therapeutics, Inc	2017375012	University College Cork - National University of Ireland, Cork
2017360068	Hope Tree International GmbH	2017375040	Bridgestone Corporation
2017361119	Envirochasing IP Holdings Pty Ltd	2017375065	Lanxess Deutschland GmbH
2017361126	Kerkym Pty Ltd	2017375242	Min, B.
2017361133	Resurrect Refugia Pty Ltd	2017375308	Sika Technology AG
2017361991	Alarcón Rojas., H.	2017375405	Sika Technology AG
2017362229	Schneider Electric Solar Inverters USA, Inc.	2017375406	The Brigham and Women's Hospital, Inc.
2017362328	Vanderbilt University	2017375496	Syngenta Participations AG
2017362687	Laboratoires Thea	2017375909	Syngenta Participations AG
2017363237	ImmunoGen, Inc.	2017375914	MJN U.S. Holdings LLC
2017363302	Harpoon Therapeutics, Inc.	2017375920	Vettore, LLC
2017364244	Universite de Montpellier; Centre National de la Recherche Scientifique (CNRS)	2017375960	Alibaba Group Holding Limited
2017364275	Lancey Energy Storage	2017376036	MJN U.S. Holdings LLC
2017364287	Lancey Energy Storage	2017376090	Smith, M.
2017365141	Personal Care Marketing and Research, Inc.	2017376128	PGS Geophysical AS
2017365145	The Climate Corporation	2017376209	MJN U.S. Holdings LLC
2017365956	Reaxing S.r.l.	2017376227	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft
2017366640	Zasso GmbH	2017376404	PGS Geophysical AS
2017366641	Zasso GmbH	2017376406	Magic Leap, Inc.
2017366761	University of Florida Research Foundation, Inc.	2017376453	The Texas A&M University System
2017367143	S.A. Lhoist Recherche et Developpement	2017376456	Cove Bio Llc
2017368201	SAF-Holland GmbH	2017376458	Sorrento Therapeutics, Inc.
2017368291	Mincon International Limited	2017376502	Sorrento Therapeutics, Inc.
2017370662	Bluebird Bio, Inc.	2017376503	Knorr-Bremse Systeme für Nutzfahrzeuge GmbH
2017370673	Bluebird Bio, Inc.	2017376561	Netflix, Inc.
2017370677	Wright, D.	2017376666	

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2017376711	Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences	2017387363	Becton Dickinson Rowa Germany GmbH
2017376731	AlXLens GmbH	2017387704	Yara International ASA
2017376841	Evocra Pty Limited	2017387909	Genentech, Inc.
2017376961	SARcode Bioscience Inc.	2017388706	Suntory Holdings Limited
2017377022	FLSmith A/S	2017389285	JNC Corporation
2017377072	Janssen Pharmaceutica NV	2017389794	Shenzhen Immunova Pharmaceutical Co., Ltd.
2017377186	Ricoh Company, Ltd.	2017390262	Illumina, Inc.
2017377414	Franke Kaffeemaschinen AG	2017390276	Vitrean, Inc.
2017377915	Magic Leap, Inc.	2017390351	Essity Hygiene and Health Aktiebolag
2017378018	Sorrento Therapeutics, Inc.	2017390353	Essity Hygiene and Health Aktiebolag
2017378022	Sorrento Therapeutics, Inc.	2017391737	LG Electronics Inc.
2017378040	Sorrento Therapeutics, Inc.	2017394860	Qualcomm Incorporated
2017378131	BAE Systems Information and Electronic Systems Integration Inc.	2017395923	Mitsubishi Electric Corporation
2017378300	The Secretary of State for Defense	2017396558	Saroj Vanijya Private Limited
2017378324	Cystic Fibrosis Foundaton Therapeutics Inc.	2017397834	Novartis AG
2017378616	Scandibio Therapeutics AB	2017397835	Novartis AG
2017378896	Saudi Arabian Oil Company	2017401562	Halliburton Energy Services, Inc.
2017379039	Toray Industries, Inc.	2017407953	Halliburton Energy Services, Inc.
2017379055	Refocus Group, Inc.	2017416078	BOE Technology Group Co., Ltd.
2017379061	NuVasive, Inc.	2017417165	POSTECH Academy-Industry Foundation
2017379065	Johnson & Johnson Consumer Inc.	2017421870	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2017379067	Johnson & Johnson Consumer Inc.	2017440984	Stryker European Holdings I, LLC
2017379071	Board of Trustees of the University Of Arkansas	2018205349	The Curators of the University of Missouri
2017379190	KSB SE & Co. KGaA	2018205544	Syncore Biotechnology Co., Ltd.
2017379813	Loma Linda University	2018205885	Yeda Research and Development Co. Ltd.
2017379849	Saudi Arabian Oil Company	2018205999	Novozymes A/S
2017379881	Rapiscan Systems, Inc.	2018206023	Magneto Thrombectomy Solutions Ltd.
2017379888	Illumina, Inc.; Illumina Cambridge Limited	2018206189	Samsung Electronics Co., Ltd.
2017380583	AlzeCure Pharma AB	2018208079	HAV Vaccines Limited
2017381001	BASF SE	2018208366	National Health Research Institutes; Shih, C.
2017381408	Commonwealth Scientific and Industrial Research Organisation	2018208515	Mölnlycke Health Care AB
2017381575	Appix Project Inc.	2018208634	China University of Mining and Technology
2017381598	Avectas Limited	2018209046	Electrolux Appliances Aktiebolag
2017381619	IP Full Asset Limited	2018210015	Magic Leap, Inc.
2017381763	Hamlet Pharma AB	2018210316	Illumina, Inc.
2017382035	Keygene N.V.	2018210771	TaiRx, Inc.
2017382174	ThruGreen, LLC	2018210818	Qualcomm Incorporated
2017382405	Calithera Biosciences, Inc.	2018212139	LG Electronics Inc.
2017382852	Medical Metrics, Inc.	2018212614	Genfit
2017382880	Magic Leap, Inc.	2018212843	Boehringer Ingelheim Animal Health USA Inc.
2017382935	MedTrace A/S	2018213823	Innate Pharma
2017382946	MedTrace A/S	2018213948	Depuy Synthes Products, Inc.
2017382982	Marine Construction AS	2018216777	Rheinmetall Waffe Munition GmbH
2017383008	Bicycletx Limited	2018217375	CSL Behring GmbH
2017383054	Keygene N.V.	2018217585	EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG
2017383094	Konstrukta World Pty Ltd	2018219550	EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG
2017383232	Novartis AG	2018219852	Cryovac, LLC
2017383236	Acerta Pharma B.V.	2018220538	Amgen Inc.
2017383537	Novartis AG	2018226112	Philip Morris Products S.A.
2017383561	Dejero Labs Inc.	2018230367	CSA Medical, Inc.
2017384142	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft	2018230369	CSA Medical, Inc.
2017384173	Suntory Holdings Limited	2018238201	Ego Pharmaceuticals Pty Ltd
2017384299	Solvay SA	2018249513	Tatsumura Hillyer, K.; Miyashita, M.
2017384401	Bluecar	2018251612	Security Posts International Pty Ltd
2017384673	Institut Pasteur; Institut National de la Recherche Agonomique (INRA); The United States of America, as represented by the Secretary of Agriculture	2018278957	China University of Mining and Technology; China Mining&Civil New Material Science and Technology Ltd.
2017385510	Akzo Nobel Chemicals International B.V.	2018282607	Grow Solutions Tech LLC
2017385962	Olipass Corporation	2018286396	Grow Solutions Tech LLC
2017386122	Ethicon LLC	2018298510	LG Electronics Inc.
2017386373	Shell Internationale Research Maatschappij B. V.	2018308953	China University of Mining and Technology
2017386381	Shell Internationale Research Maatschappij B.V.	2018322825	Pepsico Inc
2017386383	Shell Internationale Research Maatschappij B.V.	2018327220	China University of Mining and Technology; Xuzhou Jinbo Safety and Technology Co., Ltd
2017386389	DePuy Synthes Products, Inc.	2018366342	Jiangsu Zhongbang Pharmaceutical Co.,Ltd.
2017386410	Metronom Health, Inc.	2018372341	China University of Mining and Technology; Xuzhou Usure Mining Technology Co., Ltd
2017386444	Shandong University		
2017386888	JCR Pharmaceuticals Co., Ltd.		
2017387025	Chart Inc.		



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<b><u>A01B 47 /-</u></b>	<b><u>A01N 31 /-</u></b>	<b><u>A01P 7 /-</u></b>	2018230369	<b><u>A61K 31 /-</u></b>	<b><u>A61K 45 /-</u></b>
2017366640	2017375909	2017381001	<b><u>A61B 17 /-</u></b>	2017359673	2017374777
<b><u>A01G 13 /-</u></b>	<b><u>A01N 33 /-</u></b>	<b><u>A21B 3 /-</u></b>	2017359338	2017362328	2017376227
2018322825	2017362328	2017361991	2017379061	2017370747	2018212614
<b><u>A01G 25 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A23D 9 /-</u></b>	2017386122	2017371416	<b><u>A61K 47 /-</u></b>
2017387704	2017371838	2017373837	2017386389	2017373837	2017357867
<b><u>A01G 31 /-</u></b>	2017375012	<b><u>A23J 3 /-</u></b>	2017440984	2017374777	2017357868
2018282607	2017376404	<b><u>A23L 2 /-</u></b>	2018213948	2017375960	2017358578
2018286396	2017381001	<b><u>A23L 2 /-</u></b>	2018230367	2017376227	2017371416
<b><u>A01G 7 /-</u></b>	<b><u>A01N 41 /-</u></b>	<b><u>A23L 27 /-</u></b>	2018230369	2017376458	2017376961
2017366640	2017375914	2017376090	<b><u>A61B 18 /-</u></b>	2017376961	2017381408
2018286396	<b><u>A01N 43 /-</u></b>	2017384173	2018206023	2017377072	2017383008
<b><u>A01G 9 /-</u></b>	2017371838	<b><u>A23L 33 /-</u></b>	2018230367	2017378324	2017384673
2018322825	2017375909	2017373837	2018230369	2017378616	2017386888
<b><u>A01H 1 /-</u></b>	2017375914	2017375920	<b><u>A61B 3 /-</u></b>	2017380583	2018205349
2017382035	2017376404	2017376090	2017381763	2017381598	2018205544
2017383054	2017381001	2017376227	2017382405	2017381763	<b><u>A61K 48 /-</u></b>
<b><u>A01H 3 /-</u></b>	2017384142	2017384173	2017384173	2017382405	2017381598
2017382035	<b><u>A01N 45 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61B 5 /-</u></b>	2017384173	<b><u>A61K 51 /-</u></b>
2017383054	2017375914	2018226112	2017397835	2017389794	2017382946
<b><u>A01H 5 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A45D 44 /-</u></b>	<b><u>A61B 8 /-</u></b>	2018205544	2017383008
2017370683	2017371838	2017379067	2017359338	2018208366	<b><u>A61K 8 /-</u></b>
2017382035	2017375914	<b><u>A47C 27 /-</u></b>	<b><u>A61B 90 /-</u></b>	2018210771	2017379067
2017383054	2017376404	2016434431	2017379061	2018212614	2017381001
2017388706	<b><u>A01N 51 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>A61K 33 /-</u></b>	<b><u>A61K 9 /-</u></b>
<b><u>A01K 47 /-</u></b>	2017371838	2017372870	2017379061	2017376227	2017370681
2017352748	<b><u>A01N 53 /-</u></b>	2017377414	<b><u>A61F 13 /-</u></b>	2017361133	2017371416
<b><u>A01K 59 /-</u></b>	2017381001	<b><u>A47K 10 /-</u></b>	2017386410	2017370662	2017371507
2017352748	<b><u>A01N 57 /-</u></b>	2017390351	2018208515	2017370673	2017376503
<b><u>A01K 61 /-</u></b>	2017371838	2017390353	<b><u>A61F 2 /-</u></b>	2017370681	2017376961
2017382982	<b><u>A01N 63 /-</u></b>	<b><u>A47K 5 /-</u></b>	2017357085	2017373862	2017378022
<b><u>A01M 21 /-</u></b>	2017370683	2018238201	2017371223	2017375920	2017378040
2017366640	<b><u>A01P 13 /-</u></b>	<b><u>A47L 15 /-</u></b>	2017372734	2017376227	2017381001
2017366641	2017375914	2018212139	2017379055	<b><u>A61K 36 /-</u></b>	2017386888
<b><u>A01N 25 /-</u></b>	2017376404	<b><u>A47L 5 /-</u></b>	<b><u>A61F 7 /-</u></b>	2017376227	2018205544
2017361133	<b><u>A01P 3 /-</u></b>	2018206189	2017362687	2017376711	<b><u>A61L 27 /-</u></b>
2017371838	2017371838	<b><u>A47L 9 /-</u></b>	<b><u>A61F 9 /-</u></b>	2017381763	2017357085
2017375909	2017375012	2018206189	2017385962	2017381763	<b><u>A61M 11 /-</u></b>
2017375914	2017375914	<b><u>A61B 1 /-</u></b>	2017386888	2017385962	2017376502
2017376404	2017376404	2017371477	2018205885	2017386888	<b><u>A61M 15 /-</u></b>
2017381001	2017381001	<b><u>A61B 1 /-</u></b>	2018205999	2018205885	2017371392
2017385510	<b><u>A01P 5 /-</u></b>	2017371477	2018217375	2018217375	2017376502
	2017376404		2017362687	2017385962	<b><u>A61M 16 /-</u></b>
			2017366761	2017386888	2018230367
			2017379055	2018205999	
			2017390276	2018217375	
			2017397834	<b><u>A61K 39 /-</u></b>	<b><u>A61M 21 /-</u></b>
			2017397835	2017357813	2017377915
			<b><u>A61J 1 /-</u></b>	2017363302	
			2017366761	2017373740	
			2017387363	2017383232	
			2018220538	2017383537	
				2017386888	
				2017387909	
				2018208079	
				2018212843	

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<b><u>A61M 37 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>B01D 71 /-</u></b>	<b><u>B28D 7 /-</u></b>	<b><u>B63C 9 /-</u></b>	<b><u>C02F 3 /-</u></b>
2017376502	2017376711	2017366761	2017361119	2017373391	2017417165
2017376503	<b><u>A61P 33 /-</u></b>	<b><u>B01F 3 /-</u></b>	<b><u>B29C 51 /-</u></b>	<b><u>B64B 1 /-</u></b>	<b><u>C04B 111 /-</u></b>
2017378018	2017361133	2017376841	2017372059	2016428619	2017396558
2017378022	<b><u>A61P 35 /-</u></b>	<b><u>B01F 5 /-</u></b>	<b><u>B29C 71 /-</u></b>	<b><u>B64D 47 /-</u></b>	<b><u>C04B 12 /-</u></b>
2017378040	2017358578	2017376841	2018219852	2017377915	2017358397
2017379065	2017359673	<b><u>B01J 19 /-</u></b>	<b><u>B29D 11 /-</u></b>	<b><u>B64F 1 /-</u></b>	<b><u>C04B 18 /-</u></b>
<b><u>A61M 39 /-</u></b>	2017359844	2017375496	2017376731	2016428619	2017358397
2017382935	2017363302	<b><u>B01L 3 /-</u></b>	2017382880	<b><u>B65D 51 /-</u></b>	<b><u>C04B 26 /-</u></b>
2017386122	2017371416	2017377186	<b><u>B32B 37 /-</u></b>	2016432164	2017375406
<b><u>A61M 5 /-</u></b>	2017377072	2017390262	2017357654	<b><u>B65D 83 /-</u></b>	<b><u>C04B 38 /-</u></b>
2017376502	2017381763	<b><u>B02C 7 /-</u></b>	<b><u>B33Y 80 /-</u></b>	2017387363	2017358397
2017376503	2017382405	2017375308	2017376731	<b><u>B65G 15 /-</u></b>	<b><u>C04B 7 /-</u></b>
2017378018	2017383236	<b><u>B22F 3 /-</u></b>	<b><u>B41F 17 /-</u></b>	2017375065	2017396558
2017378022	2017389794	2017376731	2017371808	<b><u>B65G 35 /-</u></b>	<b><u>C06B 21 /-</u></b>
2017378040	2018205544	<b><u>B23D 29 /-</u></b>	<b><u>B41F 19 /-</u></b>	2017381619	2018216777
2017382935	<b><u>A61P 37 /-</u></b>	2018213948	2017371808	<b><u>B65G 67 /-</u></b>	<b><u>C07C 247 /-</u></b>
2017390276	2017377072	<b><u>B23D 59 /-</u></b>	<b><u>B41F 23 /-</u></b>	2017381619	2017379888
2018220538	2017383236	2017361119	2017371808	<b><u>B65H 1 /-</u></b>	<b><u>C07C 257 /-</u></b>
<b><u>A61N 1 /-</u></b>	<b><u>A61P 43 /-</u></b>	<b><u>B23K 103 /-</u></b>	<b><u>B41M 1 /-</u></b>	2017390353	2017375012
2017377915	2018205885	2017376731	2017371808	<b><u>B65H 3 /-</u></b>	<b><u>C07C 50 /-</u></b>
<b><u>A61N 5 /-</u></b>	<b><u>A61P 7 /-</u></b>	<b><u>B23K 11 /-</u></b>	<b><u>B60K 7 /-</u></b>	2017390353	2018210771
2018249513	2017373862	2017374521	2017368201	<b><u>B66D 1 /-</u></b>	<b><u>C07C 66 /-</u></b>
<b><u>A61N 7 /-</u></b>	2017383232	<b><u>B23K 26 /-</u></b>	<b><u>B60L 15 /-</u></b>	2017382982	2018210771
2017359338	2017383537	2017361119	2017368201	<b><u>B67C 3 /-</u></b>	<b><u>C07D 209 /-</u></b>
<b><u>A61P 1 /-</u></b>	2018217375	<b><u>B23Q 11 /-</u></b>	<b><u>B60L 58 /-</u></b>	2016383311	2017389794
2017357867	<b><u>A61Q 19 /-</u></b>	2017376731	2017384401	<b><u>B81B 3 /-</u></b>	<b><u>C07D 217 /-</u></b>
2017357868	2017379067	<b><u>B25B 27 /-</u></b>	<b><u>B60L 7 /-</u></b>	2017379071	2017376961
2017378616	<b><u>A62C 2 /-</u></b>	2017383094	2017368201	<b><u>B82Y 40 /-</u></b>	<b><u>C07D 231 /-</u></b>
2018205999	2017371367	<b><u>B25F 5 /-</u></b>	<b><u>B60L 9 /-</u></b>	2017358399	2017359673
2018212614	<b><u>A62C 3 /-</u></b>	2017361119	2017368201	<b><u>B82Y 5 /-</u></b>	<b><u>C07D 239 /-</u></b>
<b><u>A61P 11 /-</u></b>	2017371367	2017361119	<b><u>B60T 1 /-</u></b>	2017381408	2018208366
2017378324	<b><u>A63B 21 /-</u></b>	<b><u>B25J 9 /-</u></b>	2017368201	<b><u>C01B 32 /-</u></b>	<b><u>C07D 251 /-</u></b>
<b><u>A61P 17 /-</u></b>	2017365956	2017379813	<b><u>B60W 30 /-</u></b>	2017358399	2017380583
2017379067	<b><u>A63B 69 /-</u></b>	<b><u>B26B 21 /-</u></b>	2017368201	<b><u>C02F 1 /-</u></b>	<b><u>C07D 401 /-</u></b>
<b><u>A61P 19 /-</u></b>	2017365956	2017365141	2017368201	2017376456	2017383236
2017359673	<b><u>B01D 19 /-</u></b>	<b><u>B27G 19 /-</u></b>	<b><u>B62D 59 /-</u></b>	2017376841	2017389794
2018212614	2017390262	2017361119	2017368201	<b><u>C02F 103 /-</u></b>	
<b><u>A61P 25 /-</u></b>	2017373837	<b><u>B28D 1 /-</u></b>			
2017373837	2017374777				
2017375920	<b><u>B01D 33 /-</u></b>				
2017376458	2016432109				
2017380583	<b><u>B01D 39 /-</u></b>				
2017386888	2017366761				
<b><u>A61P 3 /-</u></b>	<b><u>B01D 59 /-</u></b>				
2017376227	2017379881				
2017378616					
2017384173					
2018212614					

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<b><u>C07D 403 /-</u></b>	2017387909 2018208079 2018213823	<b><u>C11D 1 /-</u></b>	2017375242	<b><u>E06B 3 /-</u></b>	<b><u>F04D 29 /-</u></b>
2017375960 2017389794		2017384299		2017357654 2017372889	2017377022 2017379190
<b><u>C07D 405 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C11D 11 /-</u></b>	<b><u>C14C 9 /-</u></b>	<b><u>E06B 5 /-</u></b>	<b><u>F04D 7 /-</u></b>
2017375960 2017376961	2017358578	2017384299	2017375242	2017357654	2017379190
<b><u>C07D 407 /-</u></b>	<b><u>C07K 5 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C22B 1 /-</u></b>	<b><u>E06B 7 /-</u></b>	<b><u>F15D 1 /-</u></b>
2017376961	2017384673	2017384299	2017367143	2016429038	2017377022
<b><u>C07D 409 /-</u></b>	<b><u>C07K 7 /-</u></b>	<b><u>C12C 5 /-</u></b>	<b><u>C40B 30 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>F16D 65 /-</u></b>
2017389794 2017389794	2017371472 2017376711 2017383008 2017384673	2017384173	2017371472	2017372889 2018217585 2018219550	2017376561
<b><u>C07D 413 /-</u></b>	<b><u>C08F 14 /-</u></b>	<b><u>C12G 3 /-</u></b>	<b><u>C40B 40 /-</u></b>	<b><u>F16H 1 /-</u></b>	
2017389794 2018208366	2017389285	2017384173	2017377186		
<b><u>C07D 417 /-</u></b>	<b><u>C08F 2 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>D01D 10 /-</u></b>	<b><u>E21B 10 /-</u></b>	2017371223
2017389794	2017375242 2017389285	2017381598	2017379039	2017368291	<b><u>F16K 11 /-</u></b>
<b><u>C07D 471 /-</u></b>	<b><u>C08F 212 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>D01D 5 /-</u></b>	<b><u>E21B 21 /-</u></b>	2016432109
2017359844 2017377072	2017385510	2017381598	2017379039	2017401562	<b><u>F16L 33 /-</u></b>
<b><u>C07D 473 /-</u></b>	<b><u>C08F 220 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>D02G 3 /-</u></b>	<b><u>E21B 37 /-</u></b>	2017372884 2017383094
2018208366	2017375242 2017381408 2017385510	2017370681	2017379039	2017370677	<b><u>F16L 37 /-</u></b>
<b><u>C07D 487 /-</u></b>	<b><u>C08F 293 /-</u></b>	<b><u>C12N 13 /-</u></b>	<b><u>D06F 31 /-</u></b>	<b><u>E21B 43 /-</u></b>	2017372884
2017359844 2017363237 2017378324 2018366342	2017381408	2017381598	2017391737	2017370677 2017386373 2017386381 2017386383	<b><u>F17C 13 /-</u></b>
<b><u>C07F 5 /-</u></b>	<b><u>C08G 59 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>D06F 33 /-</u></b>	<b><u>E21B 49 /-</u></b>	2017387025
2017382405	2017375405 2017375406	2017357843 2017370662 2017370673 2017370730 2017371507 2017381598 2017385962 2017388706	2017391737	2017376128 2017407953	<b><u>F17C 3 /-</u></b>
<b><u>C07H 15 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>D06F 39 /-</u></b>	<b><u>E21B 7 /-</u></b>	2017387025
2017388706	2017375065	2017370662 2017370673	2017391737	2017370677	<b><u>F24C 15 /-</u></b>
<b><u>C07H 21 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D21C 5 /-</u></b>	<b><u>E21C 41 /-</u></b>	2017361991
2017357843	2017375065	2017370662 2017370673	2017360068	2017370677	<b><u>F24C 7 /-</u></b>
<b><u>C07K 1 /-</u></b>	<b><u>C08L 9 /-</u></b>	<b><u>C12N 11 /-</u></b>	<b><u>D21D 1 /-</u></b>	<b><u>E21D 23 /-</u></b>	2017364287 2018209046
2017371472	2017375065	2017370730	2017375308	2018278957	<b><u>F24F 11 /-</u></b>
<b><u>C07K 14 /-</u></b>	<b><u>C09J 163 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>D21H 11 /-</u></b>	<b><u>E21F 11 /-</u></b>	2017395923
2017358578 2017373740 2017373815 2017381763 2017385962 2017388706 2018208079	2017375406	2017388706	2017360068	2017372909	<b><u>F24H 3 /-</u></b>
<b><u>C07K 16 /-</u></b>	<b><u>C09K 19 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>E01F 13 /-</u></b>	<b><u>E21F 5 /-</u></b>	2017364275 2017364287
2017358578 2017363302 2017373815 2017383232	2017376453	2017388706	2018251612	2018327220	<b><u>F25C 5 /-</u></b>
	<b><u>C09K 8 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>E02D 5 /-</u></b>	<b><u>E21F 7 /-</u></b>	2016432230
	2017373948 2017378896 2017379849 2017386373 2017386381 2017386383	2017357843 2017375040 2017379888	2017361126 2017371739	2018327220	<b><u>F28D 1 /-</u></b>
		<b><u>C12R 1 /-</u></b>	<b><u>E05D 5 /-</u></b>	<b><u>F03G 7 /-</u></b>	2017376456
		2017357813	2016429038	2017379071	<b><u>F41C 33 /-</u></b>
			<b><u>E05F 15 /-</u></b>	<b><u>F04D 13 /-</u></b>	2017372881
			2018219550	2017377022	<b><u>F41G 7 /-</u></b>
					2017378131

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<b><u>G01B 11 /-</u></b>	2017371472 2017375496 2017384673 2017387704 2018205349 2018208079	<b><u>G06F 9 /-</u></b>		<b><u>H02N 2 /-</u></b>	<b><u>H05B 3 /-</u></b>
2017373550		2017357775		2017379071	2017364275
<b><u>G01B 9 /-</u></b>		<b><u>G06G 7 /-</u></b>		<b><u>H02N 3 /-</u></b>	<b><u>H05B 33 /-</u></b>
2017373550		2017365145		2016428619	2017356679 2017356680
<b><u>G01C 21 /-</u></b>	<b><u>G01N 35 /-</u></b>	<b><u>G06K 17 /-</u></b>		<b><u>H04B 7 /-</u></b>	
2017376209	2017377186 2017390262	2017364244		2016432415	<b><u>H05B 37 /-</u></b>
<b><u>G01D 21 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06K 19 /-</u></b>		<b><u>H04J 13 /-</u></b>	2017356679 2017381575
2017372909	2017372909	2017364244		<b><u>G16B 20 /-</u></b>	
<b><u>G01F 1 /-</u></b>	<b><u>G01S 3 /-</u></b>	<b><u>G06K 7 /-</u></b>		2018210316	<b><u>H04L 12 /-</u></b>
2017372870 2017379881	2017378300	2017364244		<b><u>G16H 10 /-</u></b>	2017357775 2017383561 2018209046
<b><u>G01F 23 /-</u></b>	<b><u>G01S 5 /-</u></b>	<b><u>G06K 9 /-</u></b>		2017382852	
2017372870	2017381575	2017378300 2017379813 2018210818		<b><u>G16H 20 /-</u></b>	<b><u>H04L 29 /-</u></b>
<b><u>G01F 5 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06N 3 /-</u></b>		2017382852	2017357775 2017372477 2017376036 2017394860
2017379881	2017376209 2017376406	2016428862		2017371391	
<b><u>G01G 19 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06N 5 /-</u></b>		<b><u>G16H 50 /-</u></b>	<b><u>H04L 5 /-</u></b>
2018282607	2017376731	2017386444		2017371391 2017382852	2017371947
<b><u>G01J 1 /-</u></b>	<b><u>G02B 23 /-</u></b>	<b><u>G06N 7 /-</u></b>		<b><u>H01F 27 /-</u></b>	<b><u>H04N 19 /-</u></b>
2017372909 2017378300	2017371477	2017365145		2017362229	2017376666
<b><u>G01J 3 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06N 99 /-</u></b>		<b><u>H01H 19 /-</u></b>	<b><u>H04N 5 /-</u></b>
2017253712 2017387704	2017373858 2017376453 2017382880	2018282607		2017356333	2017373956
<b><u>G01J 4 /-</u></b>	<b><u>G02B 5 /-</u></b>	<b><u>G06T 1 /-</u></b>		<b><u>H01J 49 /-</u></b>	<b><u>H04S 3 /-</u></b>
2017377915	2017376453 2017382880	2017382880		2017379881	2017357454
<b><u>G01L 13 /-</u></b>	<b><u>G02B 6 /-</u></b>	<b><u>G06T 15 /-</u></b>		<b><u>H01L 21 /-</u></b>	<b><u>H04W 16 /-</u></b>
2018372341	2017373550	2018210015		2017379888	2016432636
<b><u>G01M 11 /-</u></b>	<b><u>G02C 5 /-</u></b>	<b><u>G06T 19 /-</u></b>		<b><u>H01L 41 /-</u></b>	<b><u>H04W 24 /-</u></b>
2016434856	2017362687	2017373858		2017379071	2017372909
<b><u>G01N 15 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06T 7 /-</u></b>		<b><u>H02J 1 /-</u></b>	<b><u>H04W 28 /-</u></b>
2018372341	2016434856	2017358066 2017379813 2017387704 2018210015		2016432636	2016432636
<b><u>G01N 21 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G07B 3 /-</u></b>		<b><u>H02J 13 /-</u></b>	<b><u>H04W 4 /-</u></b>
2017253712 2017387704	2017376453	2017390353		2017356796	2017381575 2017394860
<b><u>G01N 3 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G07F 11 /-</u></b>		<b><u>H02J 3 /-</u></b>	<b><u>H04W 48 /-</u></b>
2018372341	2017421870	2017387363		2017355719 2017356796	2018238201
<b><u>G01N 30 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G07F 17 /-</u></b>		<b><u>H02M 1 /-</u></b>	<b><u>H04W 76 /-</u></b>
2017376128	2017372477	2017387363		2017362229	2018238201
<b><u>G01N 33 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G08G 1 /-</u></b>		<b><u>H02M 7 /-</u></b>	<b><u>H05B 1 /-</u></b>
2017357843	2016434409	2017382174		2017364287	

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**A61K 47/30** ( 2006.01 )  
**C08L 67/04** ( 2006.01 )  
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**B29C 70/44** ( 2006.01 )  
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     **A61P 11/06** ( 2006.01 )  
     **A61P 11/12** ( 2006.01 )  
     **A61P 17/06** ( 2006.01 )  
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**F21V 33/00** ( 2006.01 )  
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**G06F 15/02** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
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 (51) Int. Cl.

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**A61P 25/22** ( 2006.01 )  
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**E21F 5/00** ( 2006.01 )  
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 (54) Injection device  
 (51) Int. Cl.  
**A61M 5/20** ( 2006.01 )  
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**C12N 15/81** ( 2006.01 )  
**C12P 7/56** ( 2006.01 )  
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**C12N 15/77** ( 2006.01 )  
**C12P 13/00** ( 2006.01 )  
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**A63B 23/18** ( 2006.01 )  
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*H04L 12/58* ( 2006.01 )  
*H04L 29/06* ( 2006.01 )  
*H04W 4/14* ( 2009.01 )  
*H04W 12/08* ( 2009.01 )  
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**(51)** Int. Cl.  
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**(54)** Systems and methods for controlling sign-on to web applications  
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**G06F 7/04** ( 2006.01 )  
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**(54)** Neck training apparatus  
**(51)** Int. Cl.  
**A61H 1/02** ( 2006.01 )  
**A61G 7/07** ( 2006.01 )  
**A63B 21/00** ( 2006.01 )  
**A63B 21/02** ( 2006.01 )  
**A63B 21/04** ( 2006.01 )  
**A63B 23/025** ( 2006.01 )  
**(87)** WO2017/052382  
**(31)** 20151238 **(32)** 22.09.15 **(33)** NO  
**(43)** 30.03.2017  
**(44)** 27.06.2019  
**(72)** Brask, Bent  
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**(11)** AU-B-2014317330  
**(21)** 2014317330 **(22)** 26.08.2014  
**(54)** Beverage production machine using capsules  
**(51)** Int. Cl.  
**A47J 31/36** ( 2006.01 )  
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**(31)** 13182849.3 **(32)** 03.09.13 **(33)** EP  
**(43)** 12.03.2015  
**(44)** 27.06.2019  
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**(54)** Closure apparatus for flexible pouch  
**(51)** Int. Cl.  
**B65D 75/58** ( 2006.01 )  
**B65D 33/16** ( 2006.01 )

**B65D 51/24** ( 2006.01 )  
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**(21)** 2015261074 **(22)** 08.05.2015  
**(54)** Beverage brewing unit particularly for machines for preparing beverages from capsules  
**(51)** Int. Cl.  
**A47J 31/22** ( 2006.01 )  
**A47J 31/36** ( 2006.01 )  
**(87)** WO2015/173124  
**(31)** 14167828.4 **(32)** 12.05.14 **(33)** EP  
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**(11)** AU-B-2015306120  
**(21)** 2015306120 **(22)** 20.08.2015  
**(54)** Inter-operable capsule dispensing unit and beverage preparation machine  
**(51)** Int. Cl.  
**A47J 31/36** ( 2006.01 )  
**(87)** WO2016/026929  
**(31)** 14181722.1 **(32)** 21.08.14 **(33)** EP  
**(43)** 25.02.2016  
**(44)** 27.06.2019  
**(72)** Rithener, Blaise; Cornet, Antoine  
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**(21)** 2017324159 **(22)** 29.08.2017  
**(54)** Clot retrieval device for ischemic stroke treatment  
**(51)** Int. Cl.  
**A61B 17/22** ( 2006.01 )  
**A61B 17/221** ( 2006.01 )  
**A61F 2/01** ( 2006.01 )  
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**(54)** Stator with overmolded core and mold for producing same  
**(51)** Int. Cl.  
**H02K 1/12** ( 2006.01 )  
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 A43B 13/12 ( 2006.01 )  
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 same  
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 E04D 1/18 ( 2006.01 )  
 E04D 1/28 ( 2006.01 )  
 E04D 3/35 ( 2006.01 )

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 A61B 6/00 ( 2006.01 )  
 A61B 5/026 ( 2006.01 )

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 A61K 31/427 ( 2006.01 )

A61P 31/04 ( 2006.01 )  
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 B29D 11/00 ( 2006.01 )  
 A61L 2/07 ( 2006.01 )  
 A61L 12/04 ( 2006.01 )  
 B65B 25/00 ( 2006.01 )  
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 tion of PI3K for the treatment of primary  
 Sjogren's Syndrome  
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 A61K 45/06 ( 2006.01 )  
 A61P 37/00 ( 2006.01 )

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 A21D 2/26 ( 2006.01 )  
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 C12N 9/10 ( 2006.01 )  
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 A23L 19/00 ( 2016.01 )  
 C12N 15/82 ( 2006.01 )  
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 B23K 37/00 ( 2006.01 )  
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 diethyl (2-cyanoethyl)phosphonate  
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 A61K 9/06 ( 2006.01 )  
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 A61K 9/70 ( 2006.01 )  
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 (54) Operation device and X-ray imaging  
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 H04Q 9/00 ( 2006.01 )  
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*E02D 5/60* ( 2006.01 )  
*E04H 12/00* ( 2006.01 )  
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 (43) 07.09.2018  
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(71) Ouster, Inc.  
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 (21) 2017330180 (22) 26.06.2017  
 (54) Optical system for collecting distance information within a field  
 (51) Int. Cl.  
*G01J 1/02* ( 2006.01 )  
*G01J 1/08* ( 2006.01 )  
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 (72) Pacala, Angus; Frichtl, Mark  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) A method of making a lifter bar, a refurbished lifter bar and a mould  
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*B02C 17/18* ( 2006.01 )  
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 (72) LAUERMAA, Kari  
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*C08F 20/06* ( 2006.01 )  
*C08G 81/00* ( 2006.01 )  
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 (54) A Rack for Carrying Sports Equipment alongside a Personal Watercraft and a Clamp of the Rack  
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*G06F 15/00* ( 2006.01 )  
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 (51) Int. Cl.  
*B65B 29/02* ( 2006.01 )  
*B65B 7/28* ( 2006.01 )  
*B65D 85/804* ( 2006.01 )  
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 (74) Griffith Hack

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 (21) 2016382561 (22) 04.03.2016  
 (54) Pyrazole compound or salt thereof, and preparation method, herbicide composition and use thereof  
 (51) Int. Cl.  
*C07D 231/00* ( 2006.01 )  
*A01N 25/00* ( 2006.01 )  
*A01N 43/56* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
*C07C 22/04* ( 2006.01 )  
*C07C 23/08* ( 2006.01 )  
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 (74) Davies Collision Cave Pty Ltd

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 (51) Int. Cl.

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**H04B 7/08** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
**H04W 72/08** ( 2009.01 )  
**(87)** WO2016/111803  
**(31)** 62/100,350 **(32)** 06.01.15 **(33)** US  
 14/822,681 10.08.15 US  
 62/100,352 06.01.15 US  
**(43)** 14.07.2016  
**(44)** 27.06.2019  
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**(54)** Methods and systems for ranging pro-  
 tocol  
**(51)** Int. Cl.  
**G01S 5/14** ( 2006.01 )  
**H04W 64/00** ( 2009.01 )  
**(87)** WO2016/133622  
**(31)** 62/117,407 **(32)** 17.02.15 **(33)** US  
 14/845,893 04.09.15 US  
**(43)** 25.08.2016  
**(44)** 27.06.2019  
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**(74)** Madderns Pty Ltd

**(71)** Qualcomm Incorporated  
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**(21)** 2016233793 **(22)** 26.02.2016  
**(54)** Mission critical data support in self-con-  
 tained time division duplex (TDD) sub-  
 frame structure  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04L 5/14** ( 2006.01 )  
**(87)** WO2016/148876  
**(31)** 14/939,966 **(32)** 12.11.15 **(33)** US  
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**(43)** 22.09.2016  
**(44)** 27.06.2019  
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**(11)** AU-B-2016245003  
**(21)** 2016245003 **(22)** 30.03.2016  
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 energy saturation and signal scaling  
**(51)** Int. Cl.  
**G10L 19/005** ( 2013.01 )  
**G10L 19/02** ( 2006.01 )  
**G10L 21/038** ( 2013.01 )  
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**(43)** 13.10.2016

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**(74)** Madderns Pty Ltd

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**(21)** 2016343906 **(22)** 14.09.2016  
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 dicative of whether to decode a primary  
 coding or a redundant coding of the  
 packet  
**(51)** Int. Cl.  
**H04L 1/00** ( 2006.01 )  
**G10L 19/005** ( 2013.01 )  
**H04L 12/66** ( 2006.01 )  
**H04N 21/60** ( 2011.01 )  
**H04N 21/65** ( 2011.01 )  
**(87)** WO2017/074587  
**(31)** 62/248,265 **(32)** 29.10.15 **(33)** US  
 15/263,905 13.09.16 US  
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**(43)** 04.05.2017  
**(44)** 27.06.2019  
**(72)** Sinder, Daniel Jared; Subasingha, Sub-  
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 Atti, Venkatraman  
**(74)** Madderns Pty Ltd

**(71)** Qualcomm Incorporated  
**(11)** AU-B-2016343907  
**(21)** 2016343907 **(22)** 14.09.2016  
**(54)** Packet bearing signaling information in-  
 dicative of whether to decode a primary  
 coding or a redundant coding of the  
 packet  
**(51)** Int. Cl.  
**H04L 1/00** ( 2006.01 )  
**G10L 19/005** ( 2013.01 )  
**H04L 12/66** ( 2006.01 )  
**H04N 21/60** ( 2011.01 )  
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**(51)** Int. Cl.  
**C23C 14/48** ( 2006.01 )  
**C30B 29/20** ( 2006.01 )  
**C30B 33/04** ( 2006.01 )  
**G02B 1/11** ( 2006.01 )  
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**B25D 11/00** ( 2006.01 )  
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**(51)** Int. Cl.  
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**B01D 3/14** ( 2006.01 )  
**C07C 29/80** ( 2006.01 )  
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 (51) Int. Cl.

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**H04J 99/00** ( 2009.01 )  
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**A23L 2/00** ( 2006.01 )  
**A23L 2/60** ( 2006.01 )  
**A23L 27/00** ( 2016.01 )  
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**B25F 1/04** ( 2006.01 )  
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**C07D 401/04** ( 2006.01 )  
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**A61P 25/18** ( 2006.01 )  
**C07D 263/58** ( 2006.01 )  
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**E02F 7/10** ( 2006.01 )  
**F16L 11/08** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**G06F 3/0484** ( 2013.01 )  
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**G06T 7/60** ( 2006.01 )  
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**B29C 33/40** ( 2006.01 )  
**B29C 35/08** ( 2006.01 )  
**B29C 39/00** ( 2006.01 )  
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C01B 13/11 ( 2006.01 )  
(87) WO2017/140556  
(31) 16156070.1 (32) 17.02.16 (33) EP  
(43) 24.08.2017  
(44) 27.06.2019  
(72) Fiekens, Ralf; Fietzek, Reiner; Salver-  
moser, Manfred; Bruggemann, Nicole  
(74) Davies Collison Cave Pty Ltd

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(71) Yuhuan Ruijiang Computer Co., Ltd.  
(11) AU-B-2019201748  
(21) 2019201748 (22) 13.03.2019  
(54) A computer cable storage box  
(51) Int. Cl.  
B65H 75/34 ( 2006.01 )  
G06F 1/18 ( 2006.01 )  
(31) 2019101694633 (32) 06.03.19 (33) CN  
(43) 27.06.2019  
(44) 27.06.2019  
(72) Fang, Ling  
(74) Yuhuan Ruijiang Computer Co., Ltd.

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(71) Zhuji Hedong Crystal Co., Ltd.  
(11) AU-B-2019202053  
(21) 2019202053 (22) 25.03.2019  
(54) A display apparatus for crystal jewelry  
(51) Int. Cl.  
A47F 7/024 ( 2006.01 )  
A45C 11/16 ( 2006.01 )  
(31) 2019101934849 (32) 14.03.19 (33) CN  
(43) 27.06.2019  
(44) 27.06.2019  
(72) Yu, Yicong  
(74) Zhuji Hedong Crystal Co., Ltd.

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2013312957	Primal Fusion Inc.	2015222887	The Regents of the University of Michigan
2013322507	UPM-Kymmene Corporation	2015223579	SK Biopharmaceuticals Co., Ltd.
2013322709	Nunhems B.V.	2015224404	Pin, M.
2013323820	Genzyme Corporation	2015225694	Ab Initio Technology LLC
2013368326	Facebook, Inc.	2015226286	Oerlikon Metco AG, Wohlen
2013398102	Electrolux Appliances Aktiebolag	2015233338	Louver-Lite Limited
2014201683	CASIO COMPUTER CO., LTD.	2015237835	Kimberly-Clark Worldwide, Inc.
2014204500	Aaxis Pty Ltd	2015239100	Janssen Pharmaceutica NV
2014219281	LexisNexis, A Division of Reed Elsevier Inc.	2015254595	Cellectis
2014220647	Gistem Research S.L.	2015257366	Nestec S.A.
2014227497	King Furniture Australia Pty Ltd	2015257738	Technip France
2014233198	Sutter West Bay Hospitals	2015258322	Insitu, Inc.
2014237343	CareFusion 303, Inc.	2015261074	Nestec S.A.
2014245793	Crichigno, N.	2015263472	Quertech
2014248886	University of Utah Research Foundation	2015264634	Applied Medical Technology, Inc.
2014249081	The University of North Carolina at Chapel Hill	2015273408	Carames Jimenez, J.
2014252829	Clement Clarke International Limited	2015275140	Ethicon Endo-Surgery, LLC
2014254104	Google LLC	2015277297	Gogo LLC
2014256944	La Jolla Pharmaceutical Company	2015280419	Cordis Corporation
2014260033	Medical Technology Research Inc.	2015281783	Vasttech IP Pty Ltd
2014262230	Covidien LP	2015283749	EgoHealth S.r.l.
2014268380	206 Ortho, Inc.	2015284163	Nidec Motor Corporation
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2014274044	Regeneron Pharmaceuticals, Inc.	2015288413	Bluecup B.V.
2014274724	Indiana University Research & Technology Corporation	2015289441	Ab Initio Technology LLC.
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2014298574	Thales	2015294518	Exxonmobil Upstream Research Company
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2014360655	BHP Billiton Nickel West Pty Ltd	2015346140	Access Closure, Inc.
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2014375197	MariCare Oy		A.C.R.A.F. S.p.A.
2014375259	Essilor International	2015369967	E. I. du Pont de Nemours and Company
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2015200756	Covidien LP	2015402322	Huawei Technologies Co., Ltd.
2015201068	Andale Repetition Engineering Pty Ltd	2015413475	Total SA; IFP Energies Nouvelles; Prosernat
2015201679	Caterpillar Inc.	2016200453	Bullfrog International, L.C.
2015202109	Arrow Fastener Co., LLC	2016207959	Novozymes A/S
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		2016228067	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
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2015214271	Visa International Service Association	2016238889	Aptevo BioTherapeutics LLC
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2015221565	Schneider Electric Industries SAS	2016250547	Siemens Aktiengesellschaft
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2016277014	CJ Cheiljedang Corporation	2017213473	KCI Licensing Inc.
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2016288177	The Gillette Company LLC	2017213678	Rite-Hite Holding Corporation
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2016303870	LG Electronics Inc.	2017221877	Fe3 Medical, Inc
2016314898	Guangzhou BeBetter Medicine Technology Co., LTD.	2017222617	SAS Institute Inc.
2016316317	MediaTek Inc.	2017228612	Gilead Sciences, Inc.
2016316923	The Procter & Gamble Company	2017228698	Ionis Technologies, Inc
2016318561	Walter Maschinenbau GmbH	2017229290	Siemens Aktiengesellschaft
2016320584	Battelle Memorial Institute	2017234497	IHI Corporation
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2016327264	Novartis AG	2017235417	NIKE Innovate C.V.
2016327434	Neckfocus AS	2017235886	Ionis Pharmaceuticals, Inc.
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2016367168	Colgate-Palmolive Company	2017258985	Torqueedo GmbH
2016367175	Johnson, D.	2017261573	KCI Licensing, Inc.
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		2017265067	Magseis FF LLC
2016374294	AstraZeneca AB	2017268596	Rite-Hite Holding Corporation
2016374865	Jaguar Land Rover Limited	2017272086	Ecolab USA Inc.
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2016383921	Suntory Holdings Limited	2017276317	Velox-PureDigital Ltd.
2016385993	Kalvani IP Holdings, LLC.	2017276539	Unilever PLC
2016392714	Cryptzone North America, Inc.	2017279597	The University of Toledo
2016398145	Fukuda Denshi Co., Ltd.	2017281533	Howard Hughes Medical Institute
2016405851	Total SA; Proseant; IFP Energies Nouvelles	2017296260	Le Nguyen Khanh, T.
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2017200485	INDUSTRIAS REUNIDAS COLOMBO LTDA.	2017318311	Clariant International Ltd
2017201544	Compugen Ltd.	2017324159	Neurovasc Technologies Inc.
2017201877	Becton, Dickinson and Company	2017324449	Morehouse School of Medicine; Devmar Products, LLC; Innovative Environmental Companies
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2017203049	GENENTECH, INC.	2017347957	Afton Chemical Corporation
2017203189	GlaxoSmithKline Biologicals SA	2017349176	TOMRA Sorting GmbH
2017203507	Wabtec Holding Corp.	2017349775	Leonardo S.p.A.
2017203586	CSIdentity Corporation	2017365170	Hendrickson USA, L.L.C.
2017203679	Charlotte Pipe and Foundry Company	2017370096	China University of Mining and Technology
2017203821	FISHER & PAYKEL HEALTHCARE LIMITED	2017374057	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017203831	Outotec (Finland) Oy		
2017203882	De Angelis, N.	2017418044	Soochow University
2017204361	LG Electronics Inc.	2018200267	Fallis, D.; Beuthling, M.
2017204644	Kabbage, Inc.	2018200346	Medtec, Inc.
2017204662	HEE Solar, L.L.C.	2018200474	Illinois Tool Works Inc.
2017204892	Inventio AG	2018200574	Mitsubishi Chemical Engineering Corporation; Mitsubishi Chemical Corporation
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2017208310	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	2018201025	Toyota Jidosha Kabushiki Kaisha
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<b>2018204407</b>	Verily Life Sciences LLC
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<b>2018229498</b>	GlaxoSmithKline Intellectual Property Development Limited
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<b>2019201748</b>	Yuhuan Ruijiang Computer Co., Ltd.
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<b>2019202053</b>	Zhuji Hedong Crystal Co., Ltd.

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2017239573	<b><u>A43B 13 /-</u></b>	2015346140	2017261573	2014273226	2016374294
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2017200485	<b><u>A45C 11 /-</u></b>	2017258840	2014273226	2017248517	<b><u>A61P 19 /-</u></b>
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2017235966	<b><u>A46B 13 /-</u></b>	2018204691	2015217788	2016364319	<b><u>A61P 25 /-</u></b>
<b><u>A01G 31 /-</u></b>	2015308803	<b><u>A61B 5 /-</u></b>	2015220553	<b><u>A61L 2 /-</u></b>	2014273226
2014402790	<b><u>A47C 7 /-</u></b>	2014204500	2015222887	2015283749	2014274044
<b><u>A01H 5 /-</u></b>	2014227497	<b><u>A61B 6 /-</u></b>	2015239100	2016364319	2014353884
2016340893	<b><u>A47F 7 /-</u></b>	2016303741	2015296098	<b><u>A61M 1 /-</u></b>	2015220553
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2014402790	<b><u>A47G 25 /-</u></b>	2016398145	2016257306	2017261573	2017261680
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2016382561	<b><u>A47G 27 /-</u></b>	2014245793	2016314898	2014334947	2014273226
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2016257306	2014317330	<b><u>A61C 8 /-</u></b>	2017221877	2015203332	2016327264
<b><u>A01P 13 /-</u></b>	2014375393	2016292910	2017228612	2018204691	2017203189
2016382561	2015201068	<b><u>A61C 13 /-</u></b>	2017248517	<b><u>A61M 31 /-</u></b>	2018229497
<b><u>A21D 2 /-</u></b>	2015261074	2014245793	2017261680	2015264634	<b><u>A61P 35 /-</u></b>
2016207959	2015306120	<b><u>A61C 8 /-</u></b>	2018229497	<b><u>A61M 39 /-</u></b>	2015239100
<b><u>A21D 8 /-</u></b>	<b><u>A47J 43 /-</u></b>	2016292910	2018229498	2017261573	2016314898
2016207959	2015295338	<b><u>A61F 13 /-</u></b>	<b><u>A61K 33 /-</u></b>	2018226455	2017228612
<b><u>A23J 1 /-</u></b>	2016200453	2015293071	2014260033	<b><u>A61M 5 /-</u></b>	2017248517
2016238889	<b><u>A47L 15 /-</u></b>	2017213473	2014353884	2014280154	2018229497
<b><u>A23L 19 /-</u></b>	2018229416	<b><u>A61F 2 /-</u></b>	<b><u>A61K 35 /-</u></b>	2015284634	2018229498
2013322709	<b><u>A47L 23 /-</u></b>	2014268380	2016238889	2017261573	<b><u>A61P 37 /-</u></b>
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2016383921	<b><u>A47L 9 /-</u></b>	2015335862	2014256944	2016335931	2016374294
2017240546	2018241108	2017324159	2014274044	2017221877	2017204936
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		<b><u>A61F 5 /-</u></b>	2014248886	<b><u>A61P 1 /-</u></b>	<b><u>A61P 7 /-</u></b>
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		2017221876	<b><u>A61K 45 /-</u></b>	2016374294	<b><u>A61Q 19 /-</u></b>
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		2014335557	2014260033	2016374294	
		2015318731	2014268380		
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2015321072	2017251768	<b><u>B25F 1 /-</u></b>	2018210784	2015224404	<b><u>B66B 19 /-</u></b>
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2017296260	<b><u>B04B 11 /-</u></b>	2014377017	<b><u>B60R 3 /-</u></b>	<b><u>B64C 39 /-</u></b>	2016299143
<b><u>A63B 23 /-</u></b>	2015376854	<b><u>B25J 13 /-</u></b>	2016367175	2015258322	<b><u>B66C 23 /-</u></b>
2014252829	<b><u>B04B 15 /-</u></b>	2018241108	<b><u>B60S 3 /-</u></b>	<b><u>B64F 1 /-</u></b>	2016242289
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2014311267	<b><u>B04B 7 /-</u></b>	2016288177	<b><u>B60T 15 /-</u></b>	<b><u>B65B 29 /-</u></b>	2015201068
<b><u>A63B 71 /-</u></b>	2015376854	<b><u>B29B 11 /-</u></b>	2017203507	2014372756	<b><u>B67D 7 /-</u></b>
2014245793	<b><u>B04B 9 /-</u></b>	2016269893	<b><u>B60T 17 /-</u></b>	2015288413	<b><u>B65B 55 /-</u></b>
<b><u>A63F 7 /-</u></b>	2015376854	<b><u>B29C 33 /-</u></b>	2015377836	<b><u>B65B 51 /-</u></b>	2018253528
2014311267	<b><u>B07C 5 /-</u></b>	2016288177	<b><u>B60W 30 /-</u></b>	2016364319	<b><u>C01B 13 /-</u></b>
<b><u>B01D 3 /-</u></b>	2017349176	<b><u>B29C 35 /-</u></b>	2018210784	<b><u>B65B 67 /-</u></b>	2017219566
2015203733	<b><u>B23B 45 /-</u></b>	2016288177	<b><u>B60W 40 /-</u></b>	2015288413	<b><u>C01B 32 /-</u></b>
2015413475	2017221491	2017221491	2018210784	<b><u>B65B 7 /-</u></b>	2017234497
2016405851	2015205895	<b><u>B29C 39 /-</u></b>	<b><u>B60W 50 /-</u></b>	2014372756	<b><u>C01G 23 /-</u></b>
<b><u>B01D 53 /-</u></b>	<b><u>B23K 26 /-</u></b>	2016288177	2016374865	2015288413	2017204662
2015294518	20152226286	<b><u>B29C 63 /-</u></b>	2018210784	<b><u>B65D 33 /-</u></b>	<b><u>C07C 22 /-</u></b>
2015413475	<b><u>B23K 37 /-</u></b>	2017245017	<b><u>B61H 5 /-</u></b>	2015257366	2016382561
2017234497	20152226286	<b><u>B29C 70 /-</u></b>	2015377836	<b><u>B65D 51 /-</u></b>	<b><u>C07C 23 /-</u></b>
2017258906	<b><u>B23Q 1 /-</u></b>	2016274974	<b><u>B61L 5 /-</u></b>	2015257366	2016382561
<b><u>B01F 3 /-</u></b>	2016318561	<b><u>B29D 11 /-</u></b>	2017313442	<b><u>B65D 75 /-</u></b>	<b><u>C07C 255 /-</u></b>
2015364496	<b><u>B25B 13 /-</u></b>	2016364319	<b><u>B62D 21 /-</u></b>	2015257366	2017248517
<b><u>B01J 13 /-</u></b>	2015213893	<b><u>B41F 17 /-</u></b>	2017365170	<b><u>B65D 85 /-</u></b>	<b><u>C07C 271 /-</u></b>
2017216553	<b><u>B25C 1 /-</u></b>	2017276317	<b><u>B62K 25 /-</u></b>	2014372756	2015223579
<b><u>B01J 19 /-</u></b>	2015202109	<b><u>B41J 2 /-</u></b>	2015281783	2015288413	<b><u>C07C 29 /-</u></b>
2017221491	<b><u>B25C 3 /-</u></b>	2015401244	<b><u>B62M 1 /-</u></b>	2016269893	2015203733
2017279597	2015202109	2017276317	2015273408	<b><u>B65G 69 /-</u></b>	<b><u>C07C 31 /-</u></b>
<b><u>B01J 20 /-</u></b>	<b><u>B25C 5 /-</u></b>	<b><u>B41J 23 /-</u></b>	<b><u>B63B 25 /-</u></b>	2017213678	2015203733
2017234497	2015202109	2017276317	2015299827		
<b><u>B01J 27 /-</u></b>					
2016316923					

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<b><u>C07C 317 /-</u></b>	2015366469 2016314898	2017347957 2018229497 2018229498	<b><u>C10M 135 /-</u></b>	2015369967 2017228698	2013398102
2017248517	<b><u>C07D 403 /-</u></b>		2017347957	<b><u>C12P 21 /-</u></b>	<b><u>D06F 37 /-</u></b>
<b><u>C07C 39 /-</u></b>	2014374043 2016290963 2016314898	<b><u>C07H 21 /-</u></b>	<b><u>C10M 163 /-</u></b>	2017201544 2017203049	2017276539
2017210581	2018229497 2018229498	2017228698	2017347957		<b><u>D06F 39 /-</u></b>
<b><u>C07C 43 /-</u></b>		<b><u>C07K 1 /-</u></b>	<b><u>C10N 30 /-</u></b>	<b><u>C12P 7 /-</u></b>	2013398102 2017204361 2017276539
2017210581		2016238889	2017347957	2016277014	
<b><u>C07C 45 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C11B 7 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>D06F 59 /-</u></b>
2017210581	2015366469 2018229497 2018229498	2014294618 2015254595 2016227668 2017235954	2017203882	2014233198 2014249081 2017228698	2014327497
<b><u>C07C 49 /-</u></b>	<b><u>C07D 407 /-</u></b>		<b><u>C11C 3 /-</u></b>		<b><u>D06F 73 /-</u></b>
2017210581 2017248517	2016374294	<b><u>C07K 16 /-</u></b>	2017203882	<b><u>C12R 1 /-</u></b>	2014327497
<b><u>C07C 51 /-</u></b>	<b><u>C07D 413 /-</u></b>	2014294618 2015254595	<b><u>C11D 17 /-</u></b>	2017203049	<b><u>D06N 7 /-</u></b>
2016316923	2015366469 2016314898	<b><u>C08F 2 /-</u></b>	2017272086 2017324449	<b><u>C22B 23 /-</u></b>	2016340057
<b><u>C07C 57 /-</u></b>	2018229497 2018229498	2017221491	<b><u>C11D 3 /-</u></b>	2014360655	<b><u>E01B 7 /-</u></b>
2016316923		<b><u>C08F 20 /-</u></b>	2017272086 2017324449	<b><u>C22B 3 /-</u></b>	2017313442
<b><u>C07C 67 /-</u></b>	<b><u>C07D 417 /-</u></b>	2017272326	<b><u>C12M 1 /-</u></b>	2014360655	<b><u>E02D 5 /-</u></b>
2015203733	2016327264	<b><u>C08F 6 /-</u></b>	2018200574	<b><u>C22C 14 /-</u></b>	2018227698
<b><u>C07C 69 /-</u></b>	<b><u>C07D 455 /-</u></b>	2017221491	<b><u>C12N 1 /-</u></b>	2017202054	<b><u>E02F 7 /-</u></b>
2015203733	2015296098	<b><u>C08G 63 /-</u></b>	2014294618	<b><u>C22C 19 /-</u></b>	2015257738
<b><u>C07D 207 /-</u></b>	<b><u>C07D 471 /-</u></b>	2017418044	<b><u>C12N 15 /-</u></b>	2017202054	<b><u>E02F 9 /-</u></b>
2016290963	2015239100 2015366469 2016314898	<b><u>C08G 81 /-</u></b>	2013322709 2013323820 2016227668 2016257306 2016277014 2016297226 2016340893 2017235886 2017235954	<b><u>C22F 1 /-</u></b>	2016367175
<b><u>C07D 209 /-</u></b>	<b><u>C07D 487 /-</u></b>	2017272326	<b><u>C08L 67 /-</u></b>	<b><u>C23C 14 /-</u></b>	2016360048
2016374294	2015222887 2017228612 2018229497 2018229498	2014268380	<b><u>C09J 4 /-</u></b>	2015263472	<b><u>E04D 3 /-</u></b>
<b><u>C07D 213 /-</u></b>		<b><u>C09J 4 /-</u></b>	2017229290	<b><u>C25B 1 /-</u></b>	2016360048
2017210581		2017221491	<b><u>C12N 5 /-</u></b>	2017229290	<b><u>E04G 5 /-</u></b>
<b><u>C07D 231 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C10G 45 /-</u></b>	2013322507 2014220647 2014294618 2015254595	<b><u>C25B 15 /-</u></b>	2017245605
2016382561	2015366469	2016228067	<b><u>C10G 47 /-</u></b>	2017229290	<b><u>E04G 7 /-</u></b>
<b><u>C07D 235 /-</u></b>	<b><u>C07D 493 /-</u></b>	2016228067	2016228067	<b><u>C25B 3 /-</u></b>	2017245605
2015217788	2015366469 2018229497 2018229498	<b><u>C10G 47 /-</u></b>	<b><u>C12N 7 /-</u></b>	2017229290	<b><u>E04H 12 /-</u></b>
<b><u>C07D 263 /-</u></b>		2016228067	2017219594	<b><u>C25B 9 /-</u></b>	2018227698
2015220553	<b><u>C07D 495 /-</u></b>	<b><u>C10G 67 /-</u></b>	<b><u>C12N 9 /-</u></b>	2017229290	<b><u>E04H 15 /-</u></b>
<b><u>C07D 277 /-</u></b>	2015366469	2016228067	2013322709 2016207959 2016257306 2017203049	<b><u>C30B 29 /-</u></b>	2016385993
2015220553	<b><u>C07D 497 /-</u></b>	<b><u>C10L 1 /-</u></b>	<b><u>C12P 13 /-</u></b>	2015263472	<b><u>E04H 4 /-</u></b>
<b><u>C07D 307 /-</u></b>	2015366469	2017203882	2016297226 2018200574	<b><u>C30B 33 /-</u></b>	2016200453 2018251811
2017210581	<b><u>C07D 498 /-</u></b>	<b><u>C10L 9 /-</u></b>		2015263472	<b><u>E05B 13 /-</u></b>
<b><u>C07D 317 /-</u></b>	2015239100 2018229497 2018229498	2017318311	<b><u>C12P 19 /-</u></b>	<b><u>D06F 33 /-</u></b>	2018200474
2017210581		<b><u>C10M 129 /-</u></b>		2017204361	<b><u>E05C 7 /-</u></b>
<b><u>C07D 401 /-</u></b>	<b><u>C07F 9 /-</u></b>	2017347957		<b><u>D06F 35 /-</u></b>	2017213535
2015220553					

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2015233338	2015311228	2015299827	<b><u>G01N 35 /-</u></b>	2013312957	2016338923
<b><u>E21B 17 /-</u></b>	<b><u>F15B 13 /-</u></b>	<b><u>F21V 23 /-</u></b>	2014249081	2014201683	<b><u>G06T 7 /-</u></b>
2016274974	2016367175	2015221565	2017276539	2016354551	2014298574
2018204195	<b><u>F15B 15 /-</u></b>	<b><u>F21V 33 /-</u></b>	<b><u>G01S 5 /-</u></b>	2017222617	2015402322
<b><u>E21B 33 /-</u></b>	2016367175	2015308803	2016220490	<b><u>G06F 16 /-</u></b>	<b><u>G08B 13 /-</u></b>
2015292288	<b><u>F16B 13 /-</u></b>	2017265067	<b><u>G01V 1 /-</u></b>	2014219281	2014375197
<b><u>E21B 41 /-</u></b>	2017245474	<b><u>F24C 7 /-</u></b>	2017265067	2015225694	<b><u>G08B 19 /-</u></b>
2015213893	<b><u>F16B 17 /-</u></b>	2017220032	<b><u>G02B 1 /-</u></b>	2015289441	2014375197
<b><u>E21B 43 /-</u></b>	2017365170	<b><u>F24F 13 /-</u></b>	2015263472	<b><u>G06F 21 /-</u></b>	<b><u>G08B 21 /-</u></b>
2015292288	<b><u>F16B 5 /-</u></b>	2017268596	<b><u>G02B 21 /-</u></b>	2014237343	2014375197
2017219082	2017365170	<b><u>F25D 19 /-</u></b>	2017281533	2014343512	<b><u>G08B 29 /-</u></b>
<b><u>E21C 41 /-</u></b>	<b><u>F16B 7 /-</u></b>	2016303842	<b><u>G02B 5 /-</u></b>	2014393471	2014331487
2017370096	2016367175	2016303870	2016211521	<b><u>G06F 3 /-</u></b>	<b><u>G08C 17 /-</u></b>
<b><u>E21F 17 /-</u></b>	<b><u>F16C 11 /-</u></b>	<b><u>F25D 23 /-</u></b>	<b><u>G02B 6 /-</u></b>	2018204028	2018204407
2017370096	2016367175	2016303842	2017330180	<b><u>G06F 7 /-</u></b>	<b><u>G10L 19 /-</u></b>
<b><u>E21F 5 /-</u></b>	<b><u>F16D 55 /-</u></b>	2016303870	<b><u>G02C 13 /-</u></b>	2014201683	2016245003
2017370096	2015377836	<b><u>F42D 1 /-</u></b>	<b><u>G02C 7 /-</u></b>	2016349477	2016343906
<b><u>F01N 11 /-</u></b>	<b><u>F16G 3 /-</u></b>	2015346052	<b><u>G02C 7 /-</u></b>	<b><u>G06F 9 /-</u></b>	2016343907
2017258906	2015310702	<b><u>F42D 5 /-</u></b>	<b><u>G02C 7 /-</u></b>	2015289441	2017208310
<b><u>F01N 3 /-</u></b>	<b><u>F16H 33 /-</u></b>	2015346052	2014375259	2016331917	<b><u>G10L 21 /-</u></b>
2017258906	2015273408	<b><u>G01C 15 /-</u></b>	2016211521	2018204028	2016245003
<b><u>F01N 9 /-</u></b>	<b><u>F16K 11 /-</u></b>	2015395741	2018204407	<b><u>G06G 7 /-</u></b>	<b><u>G10L 25 /-</u></b>
2017258906	2015213357	<b><u>G01J 1 /-</u></b>	<b><u>G03F 7 /-</u></b>	2014254104	2017208310
<b><u>F01P 3 /-</u></b>	<b><u>F16L 1 /-</u></b>	2017330180	<b><u>G05B 15 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G16H 40 /-</u></b>
2018201025	2017245017	<b><u>G01J 3 /-</u></b>	2017220032	2014298574	2014237343
<b><u>F02D 41 /-</u></b>	<b><u>F16L 11 /-</u></b>	2017253712	<b><u>G05D 1 /-</u></b>	<b><u>G06N 5 /-</u></b>	<b><u>H01H 19 /-</u></b>
2017258906	2015257738	<b><u>G01L 27 /-</u></b>	2015201679	2013312957	2017211025
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2018201025	2017200103	<b><u>G01L 5 /-</u></b>	<b><u>G05D 3 /-</u></b>	2017204644	2017211025
<b><u>F03D 80 /-</u></b>	<b><u>F16L 37 /-</u></b>	2017313442	2015201679	2018200628	<b><u>H01J 49 /-</u></b>
2017374057	2017203679	<b><u>G01N 21 /-</u></b>	<b><u>G05F 1 /-</u></b>	2018201562	2016320584
<b><u>F04B 13 /-</u></b>	<b><u>F16L 55 /-</u></b>	2017207259	2015221565	<b><u>G06Q 30 /-</u></b>	<b><u>H01L 27 /-</u></b>
2016291288	2017245017	2017253712	2019201748	2018201562	2015221565
<b><u>F04B 15 /-</u></b>	<b><u>F16L 57 /-</u></b>	2017349176	<b><u>G06F 11 /-</u></b>	<b><u>G06T 1 /-</u></b>	<b><u>H01L 31 /-</u></b>
2015299827	2015257738	<b><u>G01N 27 /-</u></b>	2015289441	2015395741	2017204662
2016291288	<b><u>F16L 59 /-</u></b>	2016320584	2017203586	<b><u>G06T 11 /-</u></b>	<b><u>H02G 3 /-</u></b>
<b><u>F04B 9 /-</u></b>	2016303842	2017251768	<b><u>G01N 33 /-</u></b>	2016338923	2017374057
2016291288	2016303870	2014233198	2014233198	<b><u>G06T 3 /-</u></b>	<b><u>H02H 5 /-</u></b>
		2014249081	2014249081	2016338923	2017210648
		2017201877	2017201877		
		2017251768	2017251768		

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<b><u>H02H 7 /-</u></b>	2016316317
	2018202742
2017210648	2018202743
	2018202744
<b><u>H02H 9 /-</u></b>	
	<b><u>H04N 21 /-</u></b>
2017210648	
	2014388045
<b><u>H02J 13 /-</u></b>	2016343906
	2016343907
2018200267	
<b><u>H02J 3 /-</u></b>	<b><u>H04N 5 /-</u></b>
	2014388045
2016250547	2016369789
2017210648	
2018200267	<b><u>H04N 9 /-</u></b>
<b><u>H02K 1 /-</u></b>	2016369789
2015284163	<b><u>H04Q 9 /-</u></b>
<b><u>H02N 99 /-</u></b>	2016303741
2018204407	<b><u>H04W 12 /-</u></b>
<b><u>H04B 1 /-</u></b>	2014343512
	2016211114
2013368326	
2014275609	<b><u>H04W 4 /-</u></b>
<b><u>H04B 7 /-</u></b>	2016211114
2015277297	<b><u>H04W 64 /-</u></b>
2015375430	
2018203781	2016220490
<b><u>H04J 99 /-</u></b>	<b><u>H04W 72 /-</u></b>
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<b><u>H04L 1 /-</u></b>	<b><u>H05B 33 /-</u></b>
	2015221565
2016343906	
2016343907	<b><u>H05K 1 /-</u></b>
<b><u>H04L 12 /-</u></b>	2017234694
2016211114	<b><u>H05K 7 /-</u></b>
2016343906	2017234694
2016343907	
2017222617	
2018204028	
<b><u>H04L 29 /-</u></b>	
2014343512	
2016211114	
2016392714	
2017222617	
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2016233793	
<b><u>H04L 9 /-</u></b>	
2015214271	
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2014343512	
<b><u>H04N 19 /-</u></b>	

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

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 (21) 2019100173 (22) 15.02.2019  
 (54) Improvements In or Relating to Subsea Technology  
 (51) Int. Cl.  
*E21B 33/03* ( 2006.01 )  
*E21B 33/06* ( 2006.01 )  
*E21B 33/064* ( 2006.01 )  
*E21B 34/00* ( 2006.01 )  
*E21B 41/10* ( 2006.01 )  
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 (72) Forster, Daniel; Cree, David Archibald; Marshall, Timothy Reginal; Taylor, Alex Paul; Brown, Matthew Douglas  
 (74) IP Sentinels Patent and Trademark Attorneys
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*E06B 7/08* ( 2006.01 )  
*E06B 9/26* ( 2006.01 )  
*F24F 13/14* ( 2006.01 )  
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 (72) Cairns, Frank  
 (74) Ahearn Fox
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 (11) AU-B-2018101574  
 (21) 2018101574 (22) 19.10.2018  
 (54) IMPROVED CONNECTOR FOR USE IN FORMING JOINTS  
 (51) Int. Cl.  
*E04B 1/48* ( 2006.01 )  
*E04B 1/41* ( 2006.01 )  
*E04C 2/06* ( 2006.01 )  
*E04C 5/16* ( 2006.01 )  
 (45) 27.06.2019  
 (62) 2017338256  
 (72) ROGERS, Lance  
 (74) Elliptic Legal & Patent Services
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- (71) Kilmallock (ACT) Pty Ltd  
 (11) AU-B-2015101931  
 (21) 2015101931 (22) 31.12.2015  
 (54) Connector for blind-type curtain and blind-type curtain comprising same  
 (51) Int. Cl.  
*A47H 15/00* ( 2006.01 )  
*A47H 13/00* ( 2006.01 )  
*A47H 23/04* ( 2006.01 )  
*E06B 9/36* ( 2006.01 )  
 (31) 10-2015-0007577 (32) 15.01.15 (33) KR  
 10-2015-0190145 30.12.15 KR  
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 (72) Kim, Sung Chul  
 (74) MEYER WEST IP PTY LTD
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 (11) AU-B-2018102073  
 (21) 2018102073 (22) 17.12.2018  
 (54) Blind-Type Curtain  
 (51) Int. Cl.  
*A47H 15/00* ( 2006.01 )  
*A47H 13/00* ( 2006.01 )  
*A47H 23/04* ( 2006.01 )  
*E06B 9/36* ( 2006.01 )
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**2018101574** SRG IP Pty Ltd  
**2018102073** Kilmallock (ACT) Pty Ltd  
**2019100173** AME Pty Ltd



**IPC Index**

**A47H 13 /-**

2015101931  
2018102073

**A47H 15 /-**

2015101931  
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**A47H 23 /-**

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**C14C 1 /-**

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**C14C 3 /-**

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**E04B 1 /-**

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**E21B 33 /-**

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**E21B 34 /-**

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**E21B 41 /-**

2019100173

**F24F 13 /-**

2018101481

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2016258594 **Illinois Tool Works Inc.** ( Joh. Friedrich Behrens AG )

**Patents Granted**

**Standard Patents**

2013263734	2013266244	2013292377	2013311668
2013341091	2013360024	2013379177	2013390806
2013408947	2014201273	2014201568	2014202021
2014212377	2014221602	2014227862	2014228233
2014228772	2014229628	2014231667	2014233528
2014233685	2014234229	2014237027	2014237047
2014237590	2014240255	2014244426	2014248081
2014250761	2014257044	2014259750	2014259848
2014261336	2014261789	2014261928	2014265098
2014270078	2014273148	2014274215	2014275571
2014280045	2014284256	2014284616	2014286123
2014286268	2014298464	2014300923	2014306398
2014312159	2014315371	2014316030	2014316897
2014317254	2014318748	2014318962	2014321482
2014323044	2014330089	2014337102	2014339699
2014343324	2014343377	2014344218	2014348566
2014348570	2014351697	2014352854	2014354728
2014356583	2014359292	2014359786	2014366500
2014366927	2014369046	2014370088	2014370523
2014372315	2014373701	2014375111	2014381692
2014383576	2014383643	2014385285	2014393037
2014407275	2014409262	2015200234	2015200422
2015200450	2015201056	2015201200	2015204118
2015205892	2015207769	2015208009	2015211194
2015213150	2015222303	2015230394	2015233336
2015238523	2015241096	2015243562	2015245229
2015245940	2015245963	2015246185	2015246665
2015247075	2015247562	2015247794	2015250619
2015250959	2015252068	2015255935	2015257349
2015257477	2015258405	2015260837	2015261392
2015263115	2015263326	2015265649	2015265951
2015270428	2015270529	2015271355	2015274433
2015274545	2015277134	2015279002	2015279057
2015280664	2015281128	2015283779	2015286425
2015287658	2015287663	2015289119	2015302271
2015305289	2015308508	2015311663	2015314778
2015317195	2015321606	2015321951	2015341237
2015341667	2015357292	2015361224	2015361346
2015362737	2015380500	2015385182	2015390435
2015391988	2015392073	2015394339	2015396177
2015401538	2015409171	2015409938	2016206286
2016207118	2016208380	2016218958	2016220515
2016220685	2016222271	2016223213	2016226603
2016235073	2016235288	2016238069	2016243322
2016243997	2016244073	2016247193	2016247565
2016247631	2016252002	2016261088	2016266871
2016268143	2016269447	2016269534	2016269785
2016273956	2016277543	2016277997	2016285815
2016298223	2016300773	2016302748	2016305184
2016306610	2016308337	2016309565	2016316777
2016317800	2016320645	2016320888	2016325752
2016331484	2016333118	2016335471	2016335689
2016340472	2016340518	2016341213	2016344018
2016348590	2016354728	2016366624	2016367170
2016369273	2016371440	2016372153	2016375175
2016378656	2016381362	2016381936	2016385261
2016385771	2016392399	2016401398	2016410260
2016411666	2017200199	2017200228	2017201079
2017201146	2017201155	2017201241	2017201257
2017201593	2017202135	2017202493	2017202585

**Patents Granted**

**Standard Patents**

2017203076	2017203347	2017203512	2017203544
2017203725	2017203986	2017204202	2017204514
2017206211	2017206230	2017206231	2017208269
2017208408	2017210641	2017213486	2017213500
2017216559	2017225086	2017225124	2017228622
2017228641	2017232191	2017239543	2017239579
2017239623	2017244887	2017245287	2017245354
2017248405	2017248571	2017254855	2017254896
2017254916	2017261589	2017268501	2017268680
2017272318	2017276326	2017279659	2017281579
2017289602	2017290647	2017301354	2017317772
2017324072	2017332958	2017335761	2018200075
2018200611	2018201252	2018201428	2018202410
2018202517	2018229421	2018232988	2018250398
2018258190	2018288242	2019200693	2019200699

**Innovation Patents**

2019100428	2019100445	2019100478	2019100522
2019100526	2019100527	2019100528	2019100530
2019100531	2019100532	2019100533	2019100534
2019100537	2019100539	2019100540	2019100541
2019100542	2019100543	2019100546	2019100548
2019100550	2019100553	2019100554	2019100555
2019100556	2019100560	2019100561	2019100563
2019100566	2019100571	2019100574	2019100576
2019100582			

**Assignments Registered**

2004231252	Surfkitchen Limited	The patent has been assigned to <b>Harman Connected Services, Inc.</b>
2005200396	Surfkitchen Limited	The patent has been assigned to <b>Harman Connected Services, Inc.</b>
2007202927	Surfkitchen Limited	The patent has been assigned to <b>Harman Connected Services, Inc.</b>
2007306616	miacom Diagnostics GmbH	The patent has been assigned to <b>MetaSystems Indigo GmbH</b>
2008202887	Green, Kevin	The patent has been assigned to <b>Green Manufacturing, Inc</b>
2008294554	FLEXYFOOT LIMITED	The patent has been assigned to <b>Lancaster Healthcare Limited</b>
2009210201	miacom Diagnostics GmbH	The patent has been assigned to <b>MetaSystems Indigo GmbH</b>
2010249206	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2010353819	ADVANCED BLAST & BALLISTIC SYSTEMS LIMITED	The patent has been assigned to <b>TenCate Active Protection ApS</b>
2010353819	ADVANCED BLAST & BALLISTIC SYSTEMS LIMITED	The patent has been assigned to <b>TenCate Active Protection ApS</b>
2011204829	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2011205155	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2011222898	miacom Diagnostics GmbH	The patent has been assigned to <b>MetaSystems Indigo GmbH</b>

**Assignments Registered**

2011248192	Smarttruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2011261579	Smarttruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2011313870	SmartTruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2012216416	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2012220894	SmartTruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2013203852	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2014204496	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2014204551	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2014227479	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2014241954	SmartTruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2014246611	Smarttruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2014268227	Smarttruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2015200389	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2015221454	Smarttruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2015249176	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2016102045	Ovine Automation Limited	The patent has been assigned to <b>Scott Technology NZ Limited</b>
2016204242	Advanced Blast & Ballistic Systems Limited	The patent has been assigned to <b>TenCate Active Protection ApS</b>
2016204242	Advanced Blast & Ballistic Systems Limited	The patent has been assigned to <b>TenCate Active Protection ApS</b>
2016204718	SmartTruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2016206276	Smarttruck Systems, LLC	The patent has been assigned to <b>Transtex LLC</b>
2017100082	goodhew, kevin	The patent has been assigned to <b>Goodhew, Steven</b>

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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.

2009248923 **ARIAD Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Mar 2019

For the goods ALUNBRIG brigatinib

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

2013205506 **ARIAD Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Mar 2019

For the goods ALUNBRIG brigatinib

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

**Corrigenda**

In Vol 29 , No 33 , Page(s) 4934 under the heading **Complete Applications Filed - Name Index** Under the name Deere & Comapny, Application No. 2015210476, under INID (71) correct the applicant name to Deere & Company

In Vol 30 , No 8 , Page(s) 1009 under the heading **Applications OPI - Name Index** Under the name Deere & Comapny, Application No. 2015210476, under INID (71) correct the applicant name to Deere & Company

In Vol 33 , No 21 , Page(s) 3045 under the heading **Amendments - Amendments Made** Under the name of Xencor, Inc, delete all reference to Patent No. 2016234983

In Vol 33 , No 22 , Page(s) 3279 under the heading **Applications Accepted - Name Index** Under the name Deere & Comapny, Application No. 2015210476, under INID (71) correct the applicant name to Deere & Company

In Vol 33 , No 23 , Page(s) 3324 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019201942.

In Vol 33 , No 23 , Page(s) 3365 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Flagship Pioneering Innovations V, Inc., Application No. 2018213284, under INID (72) correct the co-inventor to Martinez, Ignacio

**Specifications Republished**

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

2014331842	<b>NeVap, Inc.</b>
2015203528	<b>Naandanjain Irrigation Ltd.</b>
2015347785	<b>Yanmar Co., Ltd.</b>
2015349767	<b>Rohm and Haas Company</b>
2015387284	<b>LG Electronics Inc.</b>
2016374432	<b>Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.</b>
2017202389	<b>Revivacor Inc</b>

**Specifications Republished**

2017204885 **Mavrik Dental Systems Ltd.**  
2017208382 **University of Florida Research Foundation, Inc.**  
2017335251 **Sumitomo Metal Mining Co., Ltd.**  
2017345317 **SmartKable, LLC**  
2018203404 **Aunex Pty Ltd**