



**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 5 Nov 2019 .

(71) Advanced Braking Pty Ltd (21) 2019904210 (22) 08.11.2019 (54) Brake Housing	(71) Avanti Materials Ltd (21) 2019904225 (22) 08.11.2019 (54) Recovery of Vanadium from Leach Solutions	(71) CABOT, J.; MASON, L. (21) 2019904211 (22) 08.11.2019 (54) A SHOULDER PHYSICAL THERAPY EXERCISER ARRANGEMENT AND A METHOD OF USE THEREOF
(71) Advanced Wetting Technologies Pty Ltd (21) 2019904180 (22) 06.11.2019 (54) Novel wetting composition	(71) Blatchford, S. (21) 2019904205 (22) 07.11.2019 (54) Electric cylindrical vibrating mechanism oral human mouthpiece dentifrice applicator	(71) CannPal Animal Therapeutics Limited (21) 2019904183 (22) 06.11.2019 (54) CB2 composition
(71) Advanced Wetting Technologies Pty Ltd (21) 2019904182 (22) 06.11.2019 (54) Improved wetting composition	(71) Blindsight Group Pty Ltd (21) 2019904241 (22) 11.11.2019 (54) Fitness equipment	<b>Chalmers, A. see Zhao, J.</b> (21) 2019904185
(71) Aegis 1 holdings pty ltd (21) 2019904227 (22) 08.11.2019 (54) S.E.A.L. (SPECIAL EMERGENCY ALERT LOCATOR) CHILD/PERSON PORTABLE DISCRETE MOBILE AUTOMATIC INFLATION DEVICE TO PREVENT DROWING	(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2019904168 (22) 06.11.2019 (54) AN IMPROVED RENEWABLE ELECTRICAL POWER GENERATOR ARRANGEMENT AND A METHOD OF PRODUCING ELECTRICAL POWER GENERATION FROM SAID GENERATOR ARRANGEMENT	(71) Circulatory Support Technologies Pty Ltd (21) 2019904208 (22) 08.11.2019 (54) TOTAL ARTIFICIAL HEART DEVICE AND SYSTEM
(71) Agriculture Victoria Services Pty Ltd (21) 2019904226 (22) 08.11.2019 (54) Plant microbiome	(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2019904169 (22) 06.11.2019 (54) AN IMBALANCED WHEEL APPARATUS AND AN IMBALANCED WHEEL ARRANGEMENT	(71) Cobalt Extreme Pty Ltd (21) 2019904223 (22) 08.11.2019 (54) Equipment for mining
(71) Al-Fiadh, A. (21) 2019904188 (22) 06.11.2019 (54) Integrated double balloon stent delivery system	(71) BOWYER, R. (21) 2019904191 (22) 07.11.2019 (54) FLIPPIN DATES	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019904170 (22) 06.11.2019 (54) A multi-layered electrode for sensing pH
(71) Anglin, A. (21) 2019904206 (22) 08.11.2019 (54) Garment Wrinkle Removing Unit	(71) Burndy Cable Support Systems (21) 2019904198 (22) 07.11.2019 (54) CABLE SUPPORT SYSTEM	(71) Commonwealth Scientific and Industrial Research Organisation; The Scripps Research Institute; The University Of Queensland (21) 2019904177 (22) 06.11.2019 (54) Binding proteins to CUB domain-containing protein (CDCP1)
(71) Aus Chairs Pty Ltd (21) 2019904192 (22) 07.11.2019 (54) Reinforcing Spacer	(71) Byrne, A. (21) 2019904236 (22) 11.11.2019 (54) Trailer Coupler Locking Apparatus	

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2019904216 (22) 08.11.2019  
(54) Interference resistant solid state reference electrode

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2019904238 (22) 11.11.2019  
(54) Puccinia resistance gene

(71) Costin, L.  
(21) 2019904164 (22) 05.11.2019  
(54) An apparatus with a sloping, hard material that allows temporary data storage devices (such as memory cards) to slide down to the bottom of the slope. The media can then be stacked as more is added or "deposited" to the top of the device, allowing for safe media production turnover of memory so that the oldest re-writable media is the first to be re-used when necessary.

(71) Curja Pty Ltd  
(21) 2019904196 (22) 07.11.2019  
(54) Device for Use in Sensing a Position of a Movable Closure

(71) Devine, M.; Rosevear, C.  
(21) 2019904124 (22) 01.11.2019  
(54) Aquatic activity park

(71) Drysdale, K.; Starritt, M.; McArthur Starritt, J.; Peake, R.  
(21) 2019904231 (22) 10.11.2019  
(54) Emission Free Micro Power Station

**Dybing, S. see Hill, J.**  
(21) 2019904212

(71) DYWIDAG-Systems International Pty Limited  
(21) 2019904181 (22) 06.11.2019  
(54) Rock bolt

**Fonterra Co-operative Group Limited see Hill, J.**  
(21) 2019904212

(71) Forrest, M.  
(21) 2019904201 (22) 07.11.2019  
(54) SUBTERRANEAN ENERGY STORAGE SYSTEM

(71) Galvin, J.  
(21) 2019904228 (22) 08.11.2019  
(54) Edible Animal Feeding Vessel

(71) Gardner, A.  
(21) 2019904166 (22) 06.11.2019  
(54) Micro-scale model toy.

(71) Gardner, A.  
(21) 2019904189 (22) 07.11.2019  
(54) Plastic water bottle.

(71) GOODNESS PLUS PTY LTD  
(21) 2019904165 (22) 06.11.2019  
(54) Smoothie and Soup preparation and dispensing machine for use in food service, retail, office, home use or as a vending machine.

(71) Gurney, D.  
(21) 2019904209 (22) 08.11.2019  
(54) PORTABLE SOLAR PANELS

(71) Hill, J.; Dybing, S.; Williams, L.; Fonterra Co-operative Group Limited  
(21) 2019904212 (22) 08.11.2019  
(54) APPARATUS AND METHOD FOR DECOMPOSING GAS

(71) lhods Pty Ltd  
(21) 2019904190 (22) 07.11.2019  
(54) Systems and methods for matching a candidate to an optimal candidate

**Jackson, S. see Jackson, C.**  
(21) 2019904234

**Jackson, L. see Jackson, C.**  
(21) 2019904234

(71) Jackson, C.; Jackson, S.; Jackson, L.  
(21) 2019904234 (22) 11.11.2019  
(54) A HOARDING SYSTEM

(71) JM & ZC HOLDINGS PTY LTD  
(21) 2019904242 (22) 11.11.2019  
(54) TOW HITCH APPARATUS

(71) Kula, K.  
(21) 2019904214 (22) 08.11.2019  
(54) Disposable eating utensils

(71) Laurent, A.  
(21) 2019904230 (22) 09.11.2019  
(54) Sliding Puzzle of brand logo for food/beverage packaging

(71) Marks, S.  
(21) 2019904222 (22) 08.11.2019  
(54) Support

**MASON, L. see CABOT, J.**

(21) 2019904211

**McArthur Starritt, J. see Drysdale, K.**  
(21) 2019904231

(71) McGreal, B.  
(21) 2019904162 (22) 05.11.2019  
(54) 'RecMaps' Mobile Application

(71) MEDILINK SYSTEMS INTERNATIONAL PTY LTD  
(21) 2019904163 (22) 05.11.2019  
(54) METHOD AND SYSTEM OF AUTHENTICATING A PERSON TO EMERGENCY SERVICES

(71) mukerji, s.  
(21) 2019904173 (22) 06.11.2019  
(54) ELECTROLYSED OXYGEN BASED INDUSTRIAL PROCESS COMBUSTION FOR ENERGY EFFICIENT CARBON CAPTURE BY MINERALIZATION OR OTHERWISE.

(71) Ocean Rogue Pty Ltd  
(21) 2019904240 (22) 11.11.2019  
(54) A collector and associated assembly and system for collecting waste from an aquaculture enclosure

(71) Ocular Pty Ltd  
(21) 2019904194 (22) 07.11.2019  
(54) REAL ESTATE SIGNS

(71) OPEC Remediation Technologies Pty Ltd  
(21) 2019904229 (22) 08.11.2019  
(54) METHOD AND APPARATUS FOR SEPARATION OF A SUBSTANCE FROM WATER

(71) Pask, N.  
(21) 2019904224 (22) 08.11.2019  
(54) A CONSTRUCTION SYSTEM AND METHOD OF USE THEREOF

(71) Patrick Charles Pty Ltd  
(21) 2019904176 (22) 06.11.2019  
(54) An Aerator

**Peake, R. see Drysdale, K.**  
(21) 2019904231

(71) Percy, T.  
(21) 2019904217 (22) 08.11.2019  
(54) METHOD OF FORMING A PHYSICAL MODEL OF A GEOGRAPHIC AREA

Provisional Applications Filed - Name Index cont'd

**Peter MacCallum Cancer Institute see The Walter and Eliza Hall Institute of Medical Research**

(21) 2019904237

(71) PLF Agritech Pty Ltd  
(21) 2019904161 (22) 05.11.2019  
(54) Air Quality measuring apparatus used in animal husbandry

(71) Powa Corporation Pty Ltd  
(21) 2019904178 (22) 06.11.2019  
(54) A kettle

(71) Preston, J.  
(21) 2019904171 (22) 06.11.2019  
(54) Controlled delivery of reticulated liquids

(71) ResMed Pty Ltd  
(21) 2019904195 (22) 07.11.2019  
(54) VENT FOR A RESPIRATORY SYSTEM

**Rhee, T. see Zhao, J.**  
(21) 2019904185

(71) Rino, C.  
(21) 2019904239 (22) 11.11.2019  
(54) A DIGITAL MEDIA STORAGE UNIT ARRANGEMENT ADAPTED FOR ATTACHMENT TO A CENTRE SECTION OF A PHONOGRAPH RECORD

(71) Rochester, R.  
(21) 2019904199 (22) 07.11.2019  
(54) Pacific FP Aluminium Cladding Panels

**Rosevear, C. see Devine, M.**  
(21) 2019904124

(71) S & Z Australia Pty Ltd  
(21) 2019904179 (22) 06.11.2019  
(54) Drill head and method for the removal of underground piping

(71) Santoalla, B.  
(21) 2019904187 (22) 06.11.2019  
(54) A COMPUTER-BASED MULTI-LEVEL MARKETING SYSTEM AND METHOD FOR SERVICE PROVIDER AND THEIR CLIENT

(71) Seeing Machines Limited  
(21) 2019904202 (22) 07.11.2019  
(54) HIGH PERFORMANCE BRIGHT PUPIL EYE TRACKING

(71) Seer Medical Pty Ltd  
(21) 2019904175 (22) 06.11.2019  
(54) Electrode Array Assembly

**Starritt, M. see Drysdale, K.**  
(21) 2019904231

(71) St Vincent's Hospital Sydney Limited  
(21) 2019904207 (22) 08.11.2019  
(54) METHOD OF TREATING LEUKAEMIA

(71) Taylor, B.  
(21) 2019904200 (22) 07.11.2019  
(54) SHADING APPARATUS

(71) The Australian National University  
(21) 2019904213 (22) 08.11.2019  
(54) Improved plants and methods for their production

(71) THE O'KEEFFE INVENTIT TRUST  
(21) 2019904235 (22) 11.11.2019  
(54) A uniquely designed spatula for removing the remnants of a canned product

**The Scripps Research Institute see Commonwealth Scientific and Industrial Research Organisation**  
(21) 2019904177

(71) The University of Queensland  
(21) 2019904218 (22) 08.11.2019  
(54) Radiolabelled targeting ligands

(71) The University of Queensland  
(21) 2019904219 (22) 08.11.2019  
(54) Radiolabelled targeting ligands and complexes thereof

(71) The University of Queensland  
(21) 2019904220 (22) 08.11.2019  
(54) CXCR4 targeting ligands and complexes

**The University Of Queensland see Commonwealth Scientific and Industrial Research Organisation**  
(21) 2019904177

(71) The University of Sydney  
(21) 2019904184 (22) 06.11.2019  
(54) Variable stability mechanism for bracing a structure

(71) The University of Sydney  
(21) 2019904221 (22) 08.11.2019  
(54) Compositions for detecting alloreactive T cells

(71) The Walter and Eliza Hall Institute of Medical Research; Peter MacCallum Cancer Institute  
(21) 2019904237 (22) 11.11.2019  
(54) Chimeric Antigen Receptors

(71) Thomas, J.  
(21) 2019904203 (22) 07.11.2019  
(54) Camera accessories

(71) Transking Innovations Pty Limited  
(21) 2019904172 (22) 06.11.2019  
(54) Curtain Tensioner

(71) Trickett, A.  
(21) 2019904232 (22) 11.11.2019  
(54) Washable Cooking Apparatus

(71) University of Canberra  
(21) 2019904174 (22) 06.11.2019  
(54) A SYSTEM, APPARATUS AND METHOD FOR MEASURING DYNAMIC VISUAL, VESTIBULAR AND SOMATOSENSORY ABILITY

(71) University of Technology Sydney  
(21) 2019904160 (22) 05.11.2019  
(54) System and method of performing operations on quadrilateral mesh objects

(71) Victorian Hydraulics Pty Ltd  
(21) 2019904215 (22) 08.11.2019  
(54) A frame for a vehicle

(71) Visy R & D Pty Ltd  
(21) 2019904204 (22) 07.11.2019  
(54) Hand-Erected Box for a Cold Supply Chain

(71) Wang, Q.  
(21) 2019904186 (22) 06.11.2019  
(54) Current Generated Cleaning Device

(71) WEIR MINERALS AUSTRALIA LTD  
(21) 2019904197 (22) 07.11.2019  
(54) Alloy For High-Stress Gouging Abrasion

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(21) 2019904212

(71) Woodward, J.  
(21) 2019904193 (22) 07.11.2019  
(54) METHOD FOR DETERMINING A TAXATION LIABILITY

(71) York Foods Pty Ltd  
(21) 2019904233 (22) 11.11.2019  
(54) ENCAPSULATED WAGYU OIL

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- (71) Zhao, J.; Chalmers, A.; Rhee, T.  
(21) 2019904185 (22) 06.11.2019  
(54) A process for lighting and compositing  
an object into an image

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2019904124	Devine, M.; Rosevear, C.	2019904223	Cobalt Extreme Pty Ltd
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Applications listed below were processed through the Patent Office Canberra during the period ending 5 Nov 2019 .

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

<hr/> <p>(71) AbbVie Deutschland GmbH &amp; Co. KG; AbbVie Inc. (21) 2019261719 (22) 06.11.2019 (54) Composition and method for diagnosis and treatment of diseases associated with neurite degeneration (62) 2017276338</p> <hr/> <p><b>AbbVie Inc. see AbbVie Deutschland GmbH &amp; Co. KG</b> (21) 2019261719</p> <hr/> <p>(71) Abdelshahid, R.; Yousif, M. (21) 2019257545 (22) 02.11.2019 (54) Our software aims to facilitate park- ing for users to the best of its ability by making the parking process fun and fast and that is solely based on users' inputs and interactions with the soft- ware to provide real-time data on any parking spots (paid &amp; free) that become vacant or occupied whether in private and / or public areas. The objective of the app is to help users find parking quicker and faster in a fun way that will eliminate the frustration of waiting or the worrying of not finding available spots upon arrival to destinations. Detailed description will be found in the app pro- totype.</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2019257524 (22) 01.11.2019 (54) MANAGING OPERATIONS ON STORED DATA UNITS (62) 2014226448</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2019257543 (22) 01.11.2019 (54) EXECUTING GRAPH-BASED PRO- GRAM SPECIFICATIONS (62) 2015312003</p> <hr/> <p>(71) Acceleration Systems, LLC (21) 2019257538 (22) 01.11.2019 (54) Systems and methods for providing a ReNAT communications environment (62) 2014204085</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019261672 (22) 04.11.2019</p>	<p>(54) CRYPTOLOGIC COORDINATED SYM- METRIC CONDITIONAL KEY RE- LEASE (31) 16/668,829 (32) 30.10.19 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019261730 (22) 06.11.2019 (54) CRYPTOGRAPHIC DATASHARE CONTROL FOR BLOCKCHAIN (31) 62/757,273 (32) 08.11.18 (33) US 16/672,761 04.11.19 US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019261735 (22) 06.11.2019 (54) SYSTEM AND METHOD FOR RE- COMMENDING AUTOMATION SOLU- TIONS FOR TECHNOLOGY INFRA- STRUCTURE ISSUES (31) 16/237,469 (32) 31.12.18 (33) US 201841043496 19.11.18 IN</p> <hr/> <p>(71) Alios BioPharma, Inc. (21) 2019261679 (22) 04.11.2019 (54) Substituted nucleosides, nucleotides and analogs thereof (62) 2014302711</p> <hr/> <p>(71) Allergan, Inc. (21) 2019261694 (22) 05.11.2019 (54) Intraocular implant delivery apparatus and methods of use thereof (62) 2015223010</p> <hr/> <p>(71) Amarin Pharmaceuticals Ireland Limited (21) 2019257528 (22) 01.11.2019 (54) STABLE PHARMACEUTICAL COM- POSITION AND METHODS OF USING SAME (62) 2018202792</p> <hr/> <p>(71) Amgen Inc. (21) 2019261688 (22) 05.11.2019 (54) Injector and method of assembly (62) 2014238267</p> <hr/> <p>(71) Apple Inc. (21) 2019257521 (22) 01.11.2019 (54) Crown input for a wearable electronic device (62) 2018200289</p> <hr/> <p>(71) Arcadyan Technology Corporation (21) 2019261671 (22) 04.11.2019</p>	<p>(54) REPEATER FOR MESH NETWORK (31) 107139218 (32) 05.11.18 (33) TW</p> <hr/> <p>(71) ARRIS Enterprises LLC (21) 2019257537 (22) 01.11.2019 (54) SYSTEMS AND METHODS FOR CLIP PREVENTION IN A CATV NETWORK (62) 2017206162</p> <hr/> <p>(71) Avent Inc. (21) 2019261705 (22) 06.11.2019 (54) DEVICE AND METHOD TO SELECT- IVELY AND REVERSIBLY MODULATE A NERVOUS SYSTEM STRUCTURE TO INHIBIT THE PERCEPTION OF PAIN (31) 62/776,908 (32) 07.12.18 (33) US</p> <hr/> <p>(71) Axis Mining Technology Pty Ltd (21) 2019261684 (22) 04.11.2019 (54) A MEASUREMENT DEVICE</p> <hr/> <p>(71) B. Braun Melsungen AG (21) 2019257513 (22) 31.10.2019 (54) Catheter insertion device (62) 2016269477</p> <hr/> <p>(71) Baker, S.; Hannam, J. (21) 2019261680 (22) 04.11.2019 (54) Mixer Test Cartridge (62) 2017258849, 2018201511</p> <hr/> <p>(71) Baxter Corporation Englewood (21) 2019261720 (22) 06.11.2019 (54) PATIENT CARE DEVICE-SPECIFIC CONFIGURATION OUTPUT (62) 2013375303</p> <hr/> <p>(71) Beijing 7Invensun Technology Co., Ltd. (21) 2019261701 (22) 05.11.2019 (54) METHOD, APPARATUS AND SYSTEM FOR DETERMINING LINE OF SIGHT, AND WEARABLE EYE MOVEMENT DEVICE (31) 201811354296.1 (32) 14.11.18 (33) CN</p> <hr/> <p>(71) Bensted, J. (21) 2019258237 (22) 04.11.2019 (54) A Platform (31) 2018904223 (32) 06.11.18 (33) AU</p>
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(71) Bouygues Travaux Publics  
(21) 2019257539 (22) 01.11.2019  
(54) Optimization of boring by a tunnel boring machine as a function of ground/machine interactions  
(31) 1860155 (32) 05.11.18 (33) FR

**British Columbia Cancer Agency Branch  
see The University of British Columbia**  
(21) 2019257509

(71) C.R. Bard, Inc.  
(21) 2019261729 (22) 06.11.2019  
(54) Biopsy device having integrated vacuum  
(62) 2013404993

(71) C2 Systems Limited  
(21) 2019261685 (22) 04.11.2019  
(54) A SYSTEM, METHOD, COMPUTER PROGRAM AND DATA SIGNAL FOR THE REGISTRATION, MONITORING AND CONTROL OF MACHINES AND DEVICES  
(62) 2017254979

(71) Cephea Valve Technologies, Inc.  
(21) 2019257510 (22) 31.10.2019  
(54) REPLACEMENT CARDIAC VALVES AND METHODS OF USE AND MANUFACTURE  
(62) 2015361260

(71) Cephea Valve Technologies, Inc.  
(21) 2019257514 (22) 31.10.2019  
(54) REPLACEMENT CARDIAC VALVES AND METHODS OF USE AND MANUFACTURE  
(62) 2015361260

(71) Cerebrotech Medical Systems, Inc.  
(21) 2019257529 (22) 01.11.2019  
(54) Diagnostic method for detection of fluid changes  
(62) 2017219086

(71) Chevron U.S.A. Inc.  
(21) 2019257535 (22) 01.11.2019  
(54) Process, method, and system for removing mercury from fluids  
(62) 2018200677

(71) Classic Connector, Inc.  
(21) 2019257548 (22) 04.11.2019  
(54) TANGENT SUSPENSION ACCESSORY ASSEMBLY AND ACCESSORY BRACKET THEREFOR  
(62) 2016330966

(71) Converter Manufacturing, LLC  
(21) 2019257532 (22) 01.11.2019

(54) Formed thermoplastic article having smooth edges  
(62) 2016315780

(71) CRISM Pty Ltd  
(21) 2019261691 (22) 05.11.2019  
(54) APPARATUS AND METHOD FOR COUPLING  
(62) 2016236830

(71) CSIdentity Corporation  
(21) 2019261724 (22) 06.11.2019  
(54) Authentication systems and methods for on-demand products  
(62) 2014318966

(71) CSR Building Products Limited  
(21) 2019257530 (22) 01.11.2019  
(54) Spacer  
(62) 2017251813

(71) Dormer (atf Dormer Family Trust), K.  
(21) 2019257540 (22) 01.11.2019  
(54) MINERAL SAMPLE SUPPORT BED

(71) ENGIE  
(21) 2019261681 (22) 04.11.2019  
(54) A tool for acting on a pipeline wall and an associated method  
(62) 2015212714

(71) Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)  
(21) 2019257493 (22) 31.10.2019  
(54) Method for preventing and/or treating chronic traumatic encephalopathy-I  
(62) 2014286925

(71) Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)  
(21) 2019257499 (22) 31.10.2019  
(54) Method for preventing and/or treating chronic traumatic encephalopathy-II  
(62) 2014286926

(71) Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)  
(21) 2019257502 (22) 31.10.2019  
(54) Method for preventing and/or treating chronic traumatic encephalopathy-II  
(62) 2014286926

(71) Evogene Ltd.  
(21) 2019257481 (22) 31.10.2019  
(54) Isolated polynucleotides and polypeptides, construct and plants comprising same and methods of using same for increasing nitrogen use efficiency of plants  
(62) 2013368878

(71) Exxonmobil Upstream Research Company  
(21) 2019261713 (22) 06.11.2019  
(54) Apparatus and system for rapid cycle swing adsorption processes related thereto  
(62) 2016317384

(71) Farrell, M.  
(21) 2019261736 (22) 06.11.2019  
(54) A DISPENSER

(71) Field, L.  
(21) 2019257496 (22) 31.10.2019  
(54) Water conservation using floating optically-reflective devices  
(62) 2015350038

(71) Fisher & Paykel Healthcare Limited  
(21) 2019261711 (22) 06.11.2019  
(54) INTERFACE COMPRISING A NASAL SEALING PORTION AND A ROLLING HINGE  
(62) 2018204277

(71) Fish Guidance Systems Ltd  
(21) 2019261721 (22) 06.11.2019  
(54) A pressure regulator  
(31) 1818150.3 (32) 07.11.18 (33) GB

**Flewellen, M.T. see Olds, M.**  
(21) 2019257523

(71) FRANKIE4 IP 1 Pty Ltd  
(21) 2019261683 (22) 04.11.2019  
(54) A fitting adjustable sandal  
(31) 2018904212 (32) 05.11.18 (33) AU

(71) Frank's International, LLC  
(21) 2019261674 (22) 04.11.2019  
(54) Tubular Stand Building Control Systems And Methods  
(31) 62/758,130 (32) 09.11.18 (33) US  
16/670,710 31.10.19 US

(71) Fuji Xerox Co., Ltd.  
(21) 2019261686 (22) 05.11.2019  
(54) Management apparatus and document management system  
(62) 2017232230

(71) Furlong, J.  
(21) 2019261678 (22) 04.11.2019  
(54) AMBIDEXTROUS FISH SCALE-TEXTURED GLOVE  
(62) 2013375908

(71) Geistlich Pharma AG  
(21) 2019261702 (22) 05.11.2019

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(54) Processes For Preparing Oxathiazin-Like Compounds  
(62) 2015365348

(71) GENENTECH, INC.  
(21) 2019257492 (22) 31.10.2019  
(54) Novel compositions and methods for the treatment of immune related diseases  
(62) 2017221784

(71) GENENTECH, INC.  
(21) 2019261666 (22) 04.11.2019  
(54) Uses for and article of manufacture including HER2 dimerization inhibitor Pertuzumab  
(62) 2018203970

(71) GENOMIC HEALTH, INC.; NSABP Foundation, Inc.  
(21) 2019261715 (22) 06.11.2019  
(54) PREDICTION OF LIKELIHOOD OF CANCER RECURRENCE  
(62) 2017228579

(71) GEN-PROBE INCORPORATED  
(21) 2019257486 (22) 31.10.2019  
(54) Sample testing systems and methods with automated cleaning  
(62) 2016245963

(71) GEN-PROBE INCORPORATED  
(21) 2019257511 (22) 31.10.2019  
(54) Apparatus for indexing and agitating fluid containers  
(62) 2017200466

(71) Gilead Sciences, Inc.  
(21) 2019261667 (22) 04.11.2019  
(54) Novel FXR (NR1H4) binding and activity modulating compounds  
(62) 2018203613

(71) Glenmark Pharmaceuticals S.A.  
(21) 2019257534 (22) 01.11.2019  
(54) Production of T cell retargeting heterodimeric immunoglobulins  
(62) 2014343636

(71) Global Esprit Inc.  
(21) 2019261728 (22) 06.11.2019  
(54) Swimming Goggles

(71) Globaltech Corporation Pty Ltd; Longyear TM, Inc.  
(21) 2019257536 (22) 01.11.2019  
(54) Core barrel head assembly with an integrated sample orientation tool and system for using same  
(62) 2015249889

(71) Goldsworthy, R.  
(21) 2019257463 (22) 30.10.2019  
(54) The discovery of the ability to collect and process samples for mycotoxin analysis and quantification of Indoor Air.

(71) G Power Plants DMCC  
(21) 2019257531 (22) 01.11.2019  
(54) Gravitational electric power plant technology  
(62) 2017225109

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(71) Hein, S.  
(21) 2019257483 (22) 31.10.2019  
(54) WIRELESS CONTROL SYSTEM FOR A SHEARING INSTALLATION  
(31) 2018904362 (32) 15.11.18 (33) AU

(71) Hemro International AG  
(21) 2019261673 (22) 04.11.2019  
(54) Method for controlling a coffee grinder  
(31) 18 210 018.0 (32) 04.12.18 (33) EP

(71) Hubbell Incorporated  
(21) 2019257484 (22) 31.10.2019  
(54) Side break air switch with anti-rolling blade lock  
(62) 2016338437

(71) Hurricane Reinstatement Solutions, LLC  
(21) 2019257512 (22) 31.10.2019  
(54) PIPELINE REINSTATEMENT TOOL  
(31) 62/754,403 (32) 01.11.18 (33) US

(71) Innopharma, Inc.  
(21) 2019257508 (22) 31.10.2019  
(54) Process of manufacturing a stable, ready to use infusion bag for an oxidation sensitive formulation  
(62) 2017215419

(71) Intarcia Therapeutics, Inc.  
(21) 2019257489 (22) 31.10.2019  
(54) RAPID ESTABLISHMENT AND/OR TERMINATION OF SUBSTANTIAL STEADY-STATE DRUG DELIVERY  
(62) 2018201551

(71) InterDigital Patent Holdings, Inc.  
(21) 2019257505 (22) 31.10.2019  
(54) Method of access and link adaptation for coverage enhanced wireless transmissions  
(62) 2015211013

(71) Intuit Inc.  
(21) 2019257507 (22) 31.10.2019

(54) Data-privacy management technique  
(62) 2014200270

(71) Itron, Inc.  
(21) 2019261692 (22) 05.11.2019  
(54) Electric grid high impedance condition detection  
(62) 2016258844

(71) KENWOOD LIMITED  
(21) 2019261734 (22) 06.11.2019  
(54) Improvements in or relating to stand mixer arrangements  
(62) 2015205451

(71) Kyndi, Inc.  
(21) 2019257544 (22) 02.11.2019  
(54) QUANTON REPRESENTATION FOR EMULATING QUANTUM-LIKE COMPUTATION ON CLASSICAL PROCESSORS  
(62) 2016258029

(71) Laundry Today or Naked Tomorrow Limited  
(21) 2019261703 (22) 06.11.2019  
(54) IMPROVED LAUNDRY INSTALLATION  
(31) 748182 (32) 09.11.18 (33) NZ

(71) Lenlok Holdings, LLC  
(21) 2019257498 (22) 31.10.2019  
(54) PIPE FITTING WITH SENSOR  
(62) 2016326611

(71) Lin, C.  
(21) 2019257520 (22) 01.11.2019  
(54) Chair assembly  
(31) 108211843 (32) 05.09.19 (33) TW

(71) Lin, C.  
(21) 2019257522 (22) 01.11.2019  
(54) Chair seat sliding and locking mechanism  
(31) 108210158 (32) 01.08.19 (33) TW

(71) Lisnr, Inc.  
(21) 2019261700 (22) 05.11.2019  
(54) Inaudible signaling tone  
(62) 2015332430

Longyear TM, Inc. see Globaltech Corporation Pty Ltd  
(21) 2019257536

(71) M87, Inc.  
(21) 2019257526 (22) 01.11.2019  
(54) Concurrent uses of non-cellular interfaces for participating in hybrid cellular and non-cellular networks  
(62) 2014354951

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(71) Magic Leap, Inc. (21) 2019261725 (22) 06.11.2019 (54) Virtual and augmented reality systems and methods (62) 2017254800	(54) Air-conditioning apparatus (62) 2018278868	age predictive encoding program, image predictive decoding device, image predictive decoding method, and image predictive decoding program (62) 2018204301
(71) Makani Technologies LLC (21) 2019261693 (22) 05.11.2019 (54) Path based power generation control for an aerial vehicle (62) 2017213557	(71) MONTI-Werkzeuge GmbH (21) 2019261675 (22) 04.11.2019 (54) Method of treating a workpiece surface (31) 10 2018 128 269.9 (32) 12.11.18 (33) DE	(71) NTT DOCOMO, INC. (21) 2019257495 (22) 31.10.2019 (54) Audio decoding device, audio encoding device, audio decoding method, audio encoding method, audio decoding program, and audio encoding program (62) 2018201468
(71) MAKO Surgical Corp. (21) 2019257504 (22) 31.10.2019 (54) Systems and methods for implantation of spinal plate (62) 2014373827	(71) NAIR, N.; NANJAN, K. (21) 2019261682 (22) 04.11.2019 (54) FORMULATIONS AND METHODS	(71) NTT DOCOMO, INC. (21) 2019257506 (22) 31.10.2019 (54) Image predictive encoding device, image predictive encoding method, image predictive encoding program, image predictive decoding device, image predictive decoding method, and image predictive decoding program (62) 2018204301
(71) MasterCard International Incorporated (21) 2019257503 (22) 31.10.2019 (54) Computer system and computer-implemented method for data access control (31) 10201809815P (32) 05.11.18 (33) SG	NANJAN, K. see NAIR, N. (21) 2019261682	(71) NTT DOCOMO, INC. (21) 2019261677 (22) 04.11.2019 (54) Image predict coding method, image predict coding device, image predict coding program, image predict decoding device, and image predict decoding program (62) 2018202259
(71) MasterCard International Incorporated (21) 2019261697 (22) 05.11.2019 (54) Method and system for POS enabled installments with eligibility check requirements (62) 2016254130	(71) NAVICO HOLDING AS (21) 2019261714 (22) 06.11.2019 (54) Castable Sonar Devices and Operations in a Marine Environment (31) 16/185,770 (32) 09.11.18 (33) US	(71) OilQuick Deutschland GmbH (21) 2019257515 (22) 01.11.2019 (54) Quick-change coupler device and quick-change coupler system comprising said quick-change coupler device (31) 10 2018 128 479.9 (32) 14.11.18 (33) DE
(71) MasterCard International Incorporated (21) 2019261706 (22) 06.11.2019 (54) Biometrically secured age authentication (31) 18211785.3 (32) 14.12.18 (33) EP	(71) NELSON IRRIGATION CORPORATION (21) 2019261704 (22) 06.11.2019 (54) VISCOUS ROTATIONAL SPEED CONTROL DEVICE (62) 2018233016	(71) Olds, M.; Flewellen, M.T. (21) 2019257523 (22) 01.11.2019 (54) AN EDGE SEAL FLASHING (62) 2017279655
(71) McBain, H. (21) 2019257547 (22) 02.11.2019 (54) A Hot water cylinder lifting strap	(71) Nguyen, D. (21) 2019261709 (22) 06.11.2019 (54) AN ELEMENTAL DESIGN INSPIRED BY VICTORIA AMAZONICA (GIANT WATER LILY) WITH ITS NUMEROUS PRACTICAL APPLICATIONS	(71) PowerVision, Inc. (21) 2019261747 (22) 07.11.2019 (54) INTRAOCULAR LENS DELIVERY SYSTEMS AND METHODS OF USE (62) 2018200978
(71) Medline Industries, Inc. (21) 2019257542 (22) 01.11.2019 (54) Improved Rollator (62) 2018203744	NSABP Foundation, Inc. see GENOMIC HEALTH, INC. (21) 2019261715	(71) Prysman S.p.A. (21) 2019261727 (22) 06.11.2019 (54) Fire resistant signalling cable for railway applications (31) 102018000010156 (32) 08.11.18 (33) IT
(71) Meso Scale Technologies, LLC (21) 2019257488 (22) 31.10.2019 (54) ASSAY APPARATUSES, CONSUMABLES AND METHODS (62) 2017254835	(71) NTT DOCOMO, INC. (21) 2019257487 (22) 31.10.2019 (54) Audio decoding device, audio encoding device, audio decoding method, audio encoding method, audio decoding program, and audio encoding program (62) 2018201468	(71) Retrotope, Inc. (21) 2019257541 (22) 01.11.2019
(71) Mick Murray Welding (N.T.) Pty Ltd (21) 2019261723 (22) 06.11.2019 (54) A vehicle bin assembly (31) 2018904695 (32) 10.12.18 (33) AU	(71) NTT DOCOMO, INC. (21) 2019261714 (22) 06.11.2019 (54) Image predictive encoding device, image predictive encoding method, image predictive encoding program, image predictive decoding device, image predictive decoding method, and image predictive decoding program (62) 2018204301	
(71) Mitsubishi Electric Corporation (21) 2019261699 (22) 05.11.2019	(71) NTT DOCOMO, INC. (21) 2019257494 (22) 31.10.2019 (54) Image predictive encoding device, image predictive encoding method, im-	

Complete Applications Filed - Name Index cont'd

<p>(54) IMPAIRED ENERGY PROCESSING DISORDERS AND MITOCHONDRIAL DEFICIENCY (62) 2017225070</p> <hr/> <p>(71) RINNAI CORPORATION (21) 2019261696 (22) 05.11.2019 (54) Flat burner</p> <hr/> <p>(71) Ruijin Hospital, Shanghai Jiao Tong University School of Medicine; SHANGHAI JIAO DA ONLLY CO., LTD.; SHANGHAI NOVANAT CO., LTD. (21) 2019257482 (22) 31.10.2019 (54) COMPOSITION FOR PROMOTING GLUCOLIPID METABOLISM, AND PREPARATION AND APPLICATION THEREOF</p> <hr/> <p>(71) SafetyLink Pty Ltd (21) 2019257490 (22) 31.10.2019 (54) Cable Lifeline Assembly (31) 2018904180 (32) 02.11.18 (33) AU</p> <hr/> <p>(71) Sequenom, Inc. (21) 2019257485 (22) 31.10.2019 (54) Processes and compositions for methylation-based enrichment of fetal nucleic acid from a maternal sample useful for non invasive prenatal diagnoses (62) 2017251674</p> <hr/> <p>SHANGHAI JIAO DA ONLLY CO., LTD. see Ruijin Hospital, Shanghai Jiao Tong University School of Medicine (21) 2019257482</p> <hr/> <p>SHANGHAI NOVANAT CO., LTD. see Ruijin Hospital, Shanghai Jiao Tong University School of Medicine (21) 2019257482</p> <hr/> <p>(71) SHIH, W. (21) 2019261712 (22) 06.11.2019 (54) DEVICE FOR TREATING DYSARTHROSIS (31) 107139716 (32) 08.11.18 (33) TW</p> <hr/> <p>(71) Shortek Systems Inc. (21) 2019261669 (22) 04.11.2019 (54) Ground engaging apparatus for shoring and method</p> <hr/> <p>(71) SignIQ Pty Ltd (21) 2019261710 (22) 06.11.2019 (54) APPARATUS FOR PRINTING, DISPLAYING, AND MANAGING DOCUMENTS, DIGITAL CONTENT, ADVERTISING, SOCIAL MEDIA, MOBILE CATALOGUES, AND THE LIKE FOR</p>	<p>RETAIL PREMISES, AND SYSTEM THEREOF (31) 2019900049 (32) 08.01.19 (33) AU</p> <hr/> <p>(71) Snap-on Incorporated (21) 2019257518 (22) 01.11.2019 (54) Axial pliers (31) 16/601,927 (32) 15.10.19 (33) US 62/754,772 02.11.18 US</p> <hr/> <p>(71) Société des Produits Nestlé S.A. (21) 2019257519 (22) 01.11.2019 (54) Product cooling apparatuses (62) 2015308168</p> <hr/> <p>(71) Société des Produits Nestlé S.A. (21) 2019261707 (22) 06.11.2019 (54) Probiotics for reducing the risk of obesity later in life (62) 2015306339</p> <hr/> <p>(71) Stryker Corporation (21) 2019257516 (22) 01.11.2019 (54) Patient support apparatuses with wireless headwall communication (62) 2015302030</p> <hr/> <p>(71) Stryker Corporation (21) 2019257527 (22) 01.11.2019 (54) End effector of a surgical robotic manipulator (62) 2014233309</p> <hr/> <p>(71) TELECOMIT PTY LTD (21) 2019261708 (22) 06.11.2019 (54) Outdoor Flooring and Building Product containing Clay and Wood Waste based ingredient for Fire Retardant Qualities</p> <hr/> <p>(71) Teva Pharmaceuticals International GmbH (21) 2019261726 (22) 06.11.2019 (54) Preventing, treating, and reducing (persistent) post-traumatic headache (62) 2016325738</p> <hr/> <p>(71) Thales Management &amp; Services Deutschland GmbH (21) 2019261670 (22) 04.11.2019 (54) Redundancy switching of detection points (62) 2015208353</p> <hr/> <p>(71) The Board of Trustees of the Leland Stanford Junior University (21) 2019257500 (22) 31.10.2019 (54) Noscapiinoid-producing microbes and methods of making and using the same (62) 2015350229</p>	<p>(71) The Boeing Company (21) 2019261717 (22) 06.11.2019 (54) Multifunctional battery packaging and insulation (31) 16/183,093 (32) 07.11.18 (33) US</p> <hr/> <p>(71) The Boeing Company (21) 2019261722 (22) 06.11.2019 (54) Systems, methods, and apparatuses for managing abrasive media levels in cavitated fluid (31) 16/221,019 (32) 14.12.18 (33) US</p> <hr/> <p>(71) Thermo Fisher Scientific (Bremen) GmbH (21) 2019261698 (22) 05.11.2019 (54) Cooling plate for ICP-MS (31) 1820201.0 (32) 12.12.18 (33) GB</p> <hr/> <p>(71) THE TRUSTEE FOR PKIP TRUST &amp; THE TRUSTEE FOR JAPPOW TRUST (21) 2019257533 (22) 01.11.2019 (54) Point of Sale (POS) Tax Invoice upload service for collection and storage of Tax Invoices to simplify compliance with record keeping requirements and company expenses reporting. Service to be consumed by POS terminal providers, Banks, Accounting systems etc.</p> <hr/> <p>(71) The University of British Columbia; British Columbia Cancer Agency Branch (21) 2019257509 (22) 31.10.2019 (54) Androgen receptor modulators and methods for their use (62) 2015266654</p> <hr/> <p>(71) Trakka Pty Limited (21) 2019261687 (22) 05.11.2019 (54) Refrigerator (31) 2018904354 (32) 15.11.18 (33) AU</p> <hr/> <p>(71) University of Technology, Sydney (21) 2019261731 (22) 06.11.2019 (54) Computer-implemented crowd influencing system (62) 2014214534</p> <hr/> <p>(71) University of Technology, Sydney (21) 2019261732 (22) 06.11.2019 (54) Computer-implemented system for influencing commuter behaviour (62) 2014214533</p> <hr/> <p>(71) Vanda Pharmaceuticals Inc. (21) 2019261718 (22) 06.11.2019 (54) CANCER TREATMENT (62) 2014308700</p> <hr/> <p>(71) Vorwerk &amp; Co. Interholding GmbH (21) 2019261690 (22) 05.11.2019</p>
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## Complete Applications Filed - Name Index cont'd

(54) System and method for preparing food products  
(31) 10 2018 128 688.0 (32) 15.11.18 (33) DE

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(71) VS Vereinigte Spezialmobelfabriken GmbH & Co. KG  
(21) 2019261676 (22) 04.11.2019  
(54) Chair  
(31) DE102018129550.2(32) 23.11.18 (33) DE

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(71) Waters, T.  
(21) 2019257546 (22) 02.11.2019  
(54) METAL OXIDE CEMENT  
(62) 2019200497

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(71) WeSpeke, Inc.  
(21) 2019257525 (22) 01.11.2019  
(54) LANGUAGE LEARNING EXCHANGE  
(62) 2017221787

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(71) Winfield Solutions, LLC  
(21) 2019261716 (22) 06.11.2019  
(54) Methods of using drift reduction adjuvant compositions  
(31) 16/198,384 (32) 21.11.18 (33) US

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(71) Xyleco, Inc.  
(21) 2019257501 (22) 31.10.2019  
(54) Upgrading Process Streams  
(62) 2018201758

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Yousif, M. see Abdelshahid, R.  
(21) 2019257545

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<b>2019257463</b>	Goldsworthy, R.	<b>2019257542</b>	Medline Industries, Inc.
<b>2019257481</b>	Evogene Ltd.	<b>2019257543</b>	Ab Initio Technology LLC
<b>2019257482</b>	Ruijin Hospital, Shanghai Jiao Tong University School of Medicine; SHANGHAI JIAO DA ONLLY CO., LTD.; SHANGHAI NOVANAT CO., LTD.	<b>2019257544</b>	Kyndi, Inc.
<b>2019257483</b>	Hein, S.	<b>2019257545</b>	Abdelshahid, R.; Yousif, M.
<b>2019257484</b>	Hubbell Incorporated	<b>2019257546</b>	Waters, T.
<b>2019257485</b>	Sequenom, Inc.	<b>2019257547</b>	McBain, H.
<b>2019257486</b>	GEN-PROBE INCORPORATED	<b>2019257548</b>	Classic Connector, Inc.
<b>2019257487</b>	NTT DOCOMO, INC.	<b>2019258237</b>	Bensted, J.
<b>2019257488</b>	Meso Scale Technologies, LLC	<b>2019261666</b>	GENENTECH, INC.
<b>2019257489</b>	Intarcia Therapeutics, Inc.	<b>2019261667</b>	Gilead Sciences, Inc.
<b>2019257490</b>	SafetyLink Pty Ltd	<b>2019261669</b>	Shortek Systems Inc.
<b>2019257491</b>	NTT DOCOMO, INC.	<b>2019261670</b>	Thales Management & Services Deutschland GmbH
<b>2019257492</b>	GENENTECH, INC.	<b>2019261671</b>	Arcadyan Technology Corporation
<b>2019257493</b>	Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)	<b>2019261672</b>	Accenture Global Solutions Limited
<b>2019257494</b>	NTT DOCOMO, INC.	<b>2019261673</b>	Hemro International AG
<b>2019257495</b>	NTT DOCOMO, INC.	<b>2019261674</b>	Frank's International, LLC
<b>2019257496</b>	Field, L.	<b>2019261675</b>	MONTI-Werkzeuge GmbH
<b>2019257498</b>	Lenlok Holdings, LLC	<b>2019261676</b>	VS Vereinigte Spezialmobelfabriken GmbH & Co. KG
<b>2019257499</b>	Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)	<b>2019261677</b>	NTT DOCOMO, INC.
<b>2019257500</b>	The Board of Trustees of the Leland Stanford Junior University	<b>2019261678</b>	Furlong, J.
<b>2019257501</b>	Xyleco, Inc.	<b>2019261679</b>	Alios BioPharma, Inc.
<b>2019257502</b>	Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)	<b>2019261680</b>	Baker, S.; Hannam, J.
<b>2019257503</b>	MasterCard International Incorporated	<b>2019261681</b>	ENGIE
<b>2019257504</b>	MAKO Surgical Corp.	<b>2019261682</b>	NAIR, N.; NANJAN, K.
<b>2019257505</b>	InterDigital Patent Holdings, Inc.	<b>2019261683</b>	FRANKIE4 IP 1 Pty Ltd
<b>2019257506</b>	NTT DOCOMO, INC.	<b>2019261684</b>	Axis Mining Technology Pty Ltd
<b>2019257507</b>	Intuit Inc.	<b>2019261685</b>	C2 Systems Limited
<b>2019257508</b>	Innopharma, Inc.	<b>2019261686</b>	Fuji Xerox Co., Ltd.
<b>2019257509</b>	The University of British Columbia; British Columbia Cancer Agency Branch	<b>2019261687</b>	Trakka Pty Limited
<b>2019257510</b>	Cephea Valve Technologies, Inc.	<b>2019261688</b>	Amgen Inc.
<b>2019257511</b>	GEN-PROBE INCORPORATED	<b>2019261690</b>	Vorwerk & Co. Interholding GmbH
<b>2019257512</b>	Hurricane Reinstatement Solutions, LLC	<b>2019261691</b>	CRISM Pty Ltd
<b>2019257513</b>	B. Braun Melsungen AG	<b>2019261692</b>	Itron, Inc.
<b>2019257514</b>	Cephea Valve Technologies, Inc.	<b>2019261693</b>	Makani Technologies LLC
<b>2019257515</b>	OilQuick Deutschland GmbH	<b>2019261694</b>	Allergan, Inc.
<b>2019257516</b>	Stryker Corporation	<b>2019261696</b>	RINNAI CORPORATION
<b>2019257518</b>	Snap-on Incorporated	<b>2019261697</b>	MasterCard International Incorporated
<b>2019257519</b>	Société des Produits Nestlé S.A.	<b>2019261698</b>	Thermo Fisher Scientific (Bremen) GmbH
<b>2019257520</b>	Lin, C.	<b>2019261699</b>	Mitsubishi Electric Corporation
<b>2019257521</b>	Apple Inc.	<b>2019261700</b>	Lisnr, Inc.
<b>2019257522</b>	Lin, C.	<b>2019261701</b>	Beijing 7Invensun Technology Co., Ltd.
<b>2019257523</b>	Olds, M.; Flewelling, M.T.	<b>2019261702</b>	Geistlich Pharma AG
<b>2019257524</b>	Ab Initio Technology LLC	<b>2019261703</b>	Laundry Today or Naked Tomorrow Limited
<b>2019257525</b>	WeSpeke, Inc.	<b>2019261704</b>	NELSON IRRIGATION CORPORATION
<b>2019257526</b>	M87, Inc.	<b>2019261705</b>	Avent Inc.
<b>2019257527</b>	Stryker Corporation	<b>2019261706</b>	MasterCard International Incorporated
<b>2019257528</b>	Amarin Pharmaceuticals Ireland Limited	<b>2019261707</b>	Société des Produits Nestlé S.A.
<b>2019257529</b>	Cerebrotech Medical Systems, Inc.	<b>2019261708</b>	TELECOMIT PTY LTD
<b>2019257530</b>	CSR Building Products Limited	<b>2019261709</b>	Nguyen, D.
<b>2019257531</b>	G Power Plants DMCC	<b>2019261710</b>	SignIQ Pty Ltd
<b>2019257532</b>	Converter Manufacturing, LLC	<b>2019261711</b>	Fisher & Paykel Healthcare Limited
<b>2019257533</b>	THE TRUSTEE FOR PKIP TRUST & THE TRUSTEE FOR JAPPOW TRUST	<b>2019261712</b>	SHIH, W.
<b>2019257534</b>	Glenmark Pharmaceuticals S.A.	<b>2019261713</b>	Exxonmobil Upstream Research Company
<b>2019257535</b>	Chevron U.S.A. Inc.	<b>2019261714</b>	NAVICO HOLDING AS
<b>2019257536</b>	Globaltech Corporation Pty Ltd; Longyear TM, Inc.	<b>2019261715</b>	GENOMIC HEALTH, INC.; NSABP Foundation, Inc.
<b>2019257537</b>	ARRIS Enterprises LLC	<b>2019261716</b>	Winfield Solutions, LLC
<b>2019257538</b>	Acceleration Systems, LLC	<b>2019261717</b>	The Boeing Company
<b>2019257539</b>	Bouygues Travaux Publics	<b>2019261718</b>	Vanda Pharmaceuticals Inc.
<b>2019257540</b>	Dormer (atf Dormer Family Trust), K.	<b>2019261719</b>	AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
<b>2019257541</b>	Retrotope, Inc.	<b>2019261720</b>	Baxter Corporation Englewood
		<b>2019261721</b>	Fish Guidance Systems Ltd
		<b>2019261722</b>	The Boeing Company
		<b>2019261723</b>	Mick Murray Welding (N.T.) Pty Ltd
		<b>2019261724</b>	CSIdentity Corporation
		<b>2019261725</b>	Magic Leap, Inc.
		<b>2019261726</b>	Teva Pharmaceuticals International GmbH
		<b>2019261727</b>	Prysmian S.p.A.
		<b>2019261728</b>	Global Esprit Inc.

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2019261729 C.R. Bard, Inc.  
2019261730 Accenture Global Solutions Limited  
2019261731 University of Technology, Sydney  
2019261732 University of Technology, Sydney  
2019261734 KENWOOD LIMITED  
2019261735 Accenture Global Solutions Limited  
2019261736 Farrell, M.  
2019261747 PowerVision, Inc.

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Applications listed below were processed through the Patent Office Canberra during the period ending 5 Nov 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Anson, M. (21) 2019101343 (22) 05.11.2019 (54) A COMPUTER SYSTEM IMPLEMENTED METHOD FOR GENERATING A SYMMETRIC ENCRYPTION KEY FOR ENCRYPTING AND DECRYPTING SECURE DATA	(71) GD Merch Pty Ltd (21) 2019101344 (22) 05.11.2019 (54) A BOTTLE OPENER (31) 2018904213 (32) 05.11.18 (33) AU	(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (21) 2019101348 (22) 05.11.2019 (54) CONSTANT-HUMIDITY WARDROBE
(71) Axis Mining Technology Pty Ltd (21) 2019101339 (22) 04.11.2019 (54) A MEASUREMENT DEVICE	(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2019101352 (22) 05.11.2019 (54) INTELLIGENT HOME AIR SYSTEM	(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (21) 2019101349 (22) 05.11.2019 (54) DISINFECTING AND DRYING CABINET
(71) B&D Australia Pty Ltd (21) 2019101345 (22) 05.11.2019 (54) Overhead sectional door top hanger	(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2019101353 (22) 05.11.2019 (54) INTELLIGENT HOME TEMPERATURE CONTROL DEVICE	(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (21) 2019101350 (22) 05.11.2019 (54) INTELLIGENT HOME SECURITY SYSTEM
(71) Charanwong, S. (21) 2019101328 (22) 01.11.2019 (54) Method and system for managing marketers and influencers (62) PCT/TH2018/000024	(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2019101354 (22) 05.11.2019 (54) INTELLIGENT HOME SYSTEM	(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (21) 2019101351 (22) 05.11.2019 (54) INTELLIGENT HOME ALARM SYSTEM
(71) Chongqing university of posts and telecommunications (21) 2019101361 (22) 06.11.2019 (54) a quantum secure multiparty function computation method based on Lagrangian unitary operator and Shamir (t,n) threshold	(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2019101355 (22) 05.11.2019 (54) INTELLIGENT HAND WASHING STATION	(71) HANGZHOU SIWENKE TECHNOLOGY CO., LTD (21) 2019101356 (22) 05.11.2019 (54) INTELLIGENT ILLUMINATION DEVICE
(71) Dalian University of Technology (21) 2019101360 (22) 06.11.2019 (54) HIGH-ENTROPY HALF-HEUSLER THERMOELECTRIC MATERIAL WITH LOW LATTICE THERMAL CONDUCTIVITY AND PREPARATION METHOD THEREOF (31) 201910850656.5 (32) 10.09.19 (33) CN	(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2019101357 (22) 05.11.2019 (54) INTELLIGENT HOME TELEVISION CABINET	(71) HANGZHOU SIWENKE TECHNOLOGY CO., LTD (21) 2019101359 (22) 06.11.2019 (54) INTELLIGENT HOME CLOTHES HANGING AND DRYING MACHINE
(71) Dunbar, A. (21) 2019101335 (22) 04.11.2019 (54) The name for the invention is "JETZT". It is a pre fabricated and pre serviced panel system. It has many differences from any other type of pre fabricated building techniques and systems that are available.	(71) HANGZHOU MAISHOU TECHNOLOGY CO., LTD (21) 2019101358 (22) 06.11.2019 (54) TEMPERATURE-CONTROLLED EXTENSION SOCKET DEDICATED FOR INTELLIGENT HOME FAN	(71) HANGZHOU SIWENKE TECHNOLOGY CO., LTD (21) 2019101364 (22) 06.11.2019 (54) Intelligent Home Faucet Integrated with Automatic Hand Sanitizer Supply
(71) Farrell, M. (21) 2019101365 (22) 06.11.2019 (54) A DISPENSER	(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (21) 2019101346 (22) 05.11.2019 (54) INTELLIGENT HOME CONTROL SYSTEM	(71) Harman, P.V. (21) 2019101366 (22) 06.11.2019 (54) Radio Linked Fire Detectors Interface to Fire Detection Control and Indicating Equipment
	(71) HANGZHOU SHANSHUO TECHNOLOGY CO., LTD (21) 2019101347 (22) 05.11.2019 (54) INTELLIGENT HOME CONTROL SYSTEM	(71) JIANGSU BANGTEC ENVIRONMENTAL SCI-TECH CO. LTD (21) 2019101330 (22) 01.11.2019 (54) PREPARATION METHOD FOR REVERSE OSMOSIS MEMBRANE
		(71) Kinetic Furniture of Vermont Inc. (21) 2019101329 (22) 01.11.2019



Innovation Patent Applications Filed - Name Index cont'd

**(54)** EXERCISE CHAIR

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**(71)** Knowles, J.

**(21)** 2019101338 **(22)** 04.11.2019

**(54)** A TOOTHBRUSH HYGIENE CONTAINER

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**(71)** Lin, C.

**(21)** 2019101326 **(22)** 01.11.2019

**(54)** Chair assembly

**(31)** 108211843 **(32)** 05.09.19 **(33)** TW

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**(71)** MARTIN, A.

**(21)** 2019101341 **(22)** 05.11.2019

**(54)** LIVING GRASS PET TOILET

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**(71)** N PLATINI & J.M TINDALL

**(21)** 2019101333 **(22)** 03.11.2019

**(54)** Video display screen embedded guest book with audio capability and inner pages intended for hand written messages.

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**(71)** Oil Mining & Gas Pty Ltd

**(21)** 2019101362 **(22)** 06.11.2019

**(54)** A HINGE

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**(71)** Ritchie, C.

**(21)** 2019101340 **(22)** 05.11.2019

**(54)** Tv Unit with inbuilt Remote Finder Function

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**(71)** Techtronic Cordless GP

**(21)** 2019101337 **(22)** 04.11.2019

**(54)** Pressing and driving mechanism and electric screwdriver containing the same

**(31)** 201821816783.0 **(32)** 05.11.18 **(33)** CN

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**(71)** Ungar, J.

**(21)** 2019101342 **(22)** 05.11.2019

**(54)** Jungaswap - the game

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**(71)** We Group Manufacturing LTD

**(21)** 2019101332 **(22)** 03.11.2019

**(54)** Fastener Assembly

**(31)** 201920584467.3 **(32)** 26.04.19 **(33)** CN

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**(71)** Wen, W.

**(21)** 2019101331 **(22)** 02.11.2019

**(54)** Energy-efficient and secure transmission based on Semi-Tensor Compressive Sensing for Internet of Multimedia Things

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**(71)** Wilamry Pty Ltd

**(21)** 2019101363 **(22)** 06.11.2019

**(54)** A packaging assembly

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**(71)** Wilson, A.

**(21)** 2019101334 **(22)** 04.11.2019

**(54)** PEST REPELLENT AND/OR RECYCLABLE MULTILAYER SHEET MATERIAL AND PACKAGING MADE THEREFROM

**(62)** 2015252765

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**(71)** Wuhan University

**(21)** 2019101327 **(22)** 01.11.2019

**(54)** Anti-acute-myeloid leukemia compound, preparation method and application thereof

**(31)** 201910868746.7 **(32)** 16.09.19 **(33)** CN

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**(71)** Zylstra, A.

**(21)** 2019101336 **(22)** 04.11.2019

**(54)** Storage Hard drive with a screen in a recording/ charging hub

Numerical Index

<b>2019101326</b>	Lin, C.	<b>2019101346</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2019101327</b>	Wuhan University	<b>2019101347</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2019101328</b>	Charanwong, S.	<b>2019101348</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2019101329</b>	Kinetic Furniture of Vermont Inc.	<b>2019101349</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2019101330</b>	JIANGSU BANGTEC ENVIRONMENTAL SCI-TECH CO. LTD	<b>2019101350</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2019101331</b>	Wen, W.	<b>2019101351</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2019101332</b>	We Group Manufacturing LTD	<b>2019101352</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2019101333</b>	N PLATINI & J.M TINDALL	<b>2019101353</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2019101334</b>	Wilson, A.	<b>2019101354</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2019101335</b>	Dunbar, A.	<b>2019101355</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2019101336</b>	Zylstra, A.	<b>2019101356</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD
<b>2019101337</b>	Techtronic Cordless GP	<b>2019101357</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2019101338</b>	Knowles, J.	<b>2019101358</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD
<b>2019101339</b>	Axis Mining Technology Pty Ltd	<b>2019101359</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD
<b>2019101340</b>	Ritchie, C.	<b>2019101360</b>	Dalian University of Technology
<b>2019101341</b>	MARTIN, A.	<b>2019101361</b>	Chongqing university of posts and telecommunications
<b>2019101342</b>	Ungar, J.	<b>2019101362</b>	Oil Mining & Gas Pty Ltd
<b>2019101343</b>	Anson, M.	<b>2019101363</b>	Wilamry Pty Ltd
<b>2019101344</b>	GD Merch Pty Ltd	<b>2019101364</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD
<b>2019101345</b>	B&D Australia Pty Ltd	<b>2019101365</b>	Farrell, M.
		<b>2019101366</b>	Harman, P.V.

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

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

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)
  
- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
  
- N Applications not Open to Public Inspection

**1994**

1994081196 ( 14 )

**1995**

1995010371 ( 14 )

**1999**

1999057132 ( 14 )    1999058247 ( 14 )    1999058309 ( 14 )  
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2000010182 ( 14 )    2000010206 ( 14 )    2000010313 ( 14 )  
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2001038914 ( 14 )    2001056398 ( 14 )    2001252526 ( 14 )  
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**2002**

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2005201742 ( 14 )    2005201761 ( 14 )    2005202395 ( 14 )  
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2006200866 ( 14 )    2006238840 ( 14 )    2006239178 ( 14 )  
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**2017**

2017100442 ( 22E ) 2017100446 ( 22E ) 2017100448 ( 22E )  
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**2018**

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**2019**

2019100885 ( 18AN ) 2019216697 ( 1B ) 2019216705 ( 1B )  
 2019216712 ( 1B ) 2019219725 ( 1B ) 2019219726 ( 1B )  
 2019219733 ( 1B ) 2019904148 ( 12AN )

**Complete Specifications Treated as Provisional Specifications, Section 37**

**2019**

2019101300 **Pilbara Conveyor Supplies Pty Ltd** Provisional Number: 2019904167

**Assignments before Grant, Section 113**

**2015**

2015239040 **Bio-Rad Innovations** The application has been assigned to **Bio-Rad Europe GmbH**

2015243288 **Bio-Rad Innovations** The application has been assigned to **Bio-Rad Europe GmbH**

2015243289 **Bio-Rad Innovations** The application has been assigned to **Bio-Rad Europe GmbH**

2015287352 **Universal Site Monitoring Pty Ltd.** The application has been assigned to **USM Holdings Limited**

2015367272 **Chevron U.S.A. Inc.; The University of Western Australia** The application has been assigned to **Gas Capture Technologies; The University of Western Australia**

2015398256 **Schieven, Johannes** The application has been assigned to **Plasma Cleantech Ltd.**

**2016**

2016203617 **Dynamic Ditchers Inc.** The application has been assigned to **Elmer's Welding & Manufacturing Ltd.**

2016247569 **The University of Western Australia; Chevron U.S.A. Inc.** The application has been assigned to **Gas Capture Technologies; The University of Western Australia**

2016247755 **PariMax Holdings, LLC; Keech, Steven** The application has been assigned to **PariMax Holdings, LLC**

2016280858 **Mithra Pharmaceuticals S.A.** The application has been assigned to **Estetra SPRL**

2016280863 **Mithra Pharmaceuticals S.A.** The application has been assigned to **Estetra SPRL**

2016282286 **Serturmer Corp.** The application has been assigned to **Willow Biosciences Inc.**

2016378399 **Harrow Health, Inc.** The application has been assigned to **Harrow IP, LLC**

2016396033 **Soligenix, Inc.; Werner, Silvia; Arumugham, Rasappa; Rauter, Holger; Schaber, Christopher** The application has been assigned to **Soligenix, Inc.**

**2017**

2017201249 **THE UPPER DECK COMPANY** The application has been assigned to **Cloak and Letter LLC**

**Assignments before Grant, Section 113**

2017228939 **Vindolon Inc.** The application has been assigned to **Willow Biosciences Inc.**

2017301645 **Harrow Health, Inc.** The application has been assigned to **Harrow IP, LLC**

2017327753 **Exigence Technologies Inc.** The application has been assigned to **University of Manitoba**

2017355364 **Velis, Christopher; Miller, Karen; Velis, Cole** The application has been assigned to **Miraki Innovation Think Tank LLC**

2017363283 **Olivier, Laurence; LifeQ Global Limited** The application has been assigned to **LifeQ Global Limited**

2017365556 **Grillo-Werke AG** The application has been assigned to **BASF SE**

2017373956 **Scheich, Davo** The application has been assigned to **Ovad Custom Stages, LLC**

2017376501 **Harrow Health, Inc.** The application has been assigned to **Harrow IP, LLC**

2017398371 **Shustov, Aleksejj** The application has been assigned to **ORETECH ESTONIA OÜ**

**2018**

2018204660 **Astral Pool Australia Pty Ltd** The application has been assigned to **Fluidra Group Australia Pty Ltd**

2018205472 **MGI Tech Co., Ltd.; Complete Genomics, Inc.** The application has been assigned to **MGI Tech Co., Ltd.**

2018230364 **The Procter & Gamble Company; FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG** The application has been assigned to **The Procter & Gamble Company**

2018904150 **Quintis Limited** The application has been assigned to **Quintis (Australia) Pty Limited**

2018904265 **Teasdale, Hayley** The application has been assigned to **Equilibri Pty Ltd.**

2018904492 **O'Donnell, Jeffery; O'Donnell, Jeanne** The application has been assigned to **Jeanne Louise Design Pty Ltd**

2018904510 **ODonnell, Jeanne; O'Donnell, Jeffery** The application has been assigned to **Jeanne Louise Design Pty Ltd**

**2019**

2019202127 **Harrow Health, Inc.** The application has been assigned to **Harrow IP, LLC**

2019203231 **Pratt, Mervyn; Ireland, Brian** The application has been assigned to **Cash 4 Life Pty Ltd**

**Assignments before Grant, Section 113**

2019203887 **NLIFE THERAPEUTICS, S.L.** The application has been assigned to **miCure Therapeutics Ltd.**

2019218516 **I-Mab** The application has been assigned to **I-Mab Biopharma US Limited**

2019901845 **O'Donnell, Jeffery; O'Donnell, Jeanne Louise** The application has been assigned to **Jeanne Louise Design Pty Ltd**

2019901848 **Kambouris, Ambrosios** The application has been assigned to **Australian Garlic Producers Pty Ltd**

2019903756 **Mura Technology Limited; Licella Pty Ltd** The application has been assigned to **Mura Technology Limited**

2019903768 **O'Donnell, Jeffery; O'Donnell, Jeanne** The application has been assigned to **Jeanne Louise Design Pty Ltd**

2019903978 **Liang, Yichao; Yuan, Chujun; Brassington, Roxanne; Chen, Biye; Fonterra Co-operative Group Limited** The application has been assigned to **Fonterra Co-operative Group Limited**

**Extensions of Time, Section 223**

**Applications Received**

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

**2012**

2012227244 **Hau, K.K.** An application to extend the time from 13 Oct 2018 to 13 Sep 2019 in which to pay the renewal fee has been filed . Address for service - Kitty Kit King HAU 1103/11 Chandos St St Leonards NSW 2065 AU

**2013**

2013203792 **Remote Control Technologies Pty Ltd** An application to extend the time from 11 Apr 2019 to 11 Nov 2019 in which to pay a renewal fee has been filed . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2013229769 **Sasol Technology (Pty) Ltd** An application to extend the time from 05 Mar 2019 to 05 Oct 2019 in which to pay a renewal fee has been filed . Address for service - MEYER WEST IP PTY LTD PO Box 6251 Baulkham Hills NSW 2153 AU

2013267512 **University of Georgia Research Foundation, Inc.** An application to extend the time from 29 May 2018 to 29 Aug 2019 in which to pay the renewal fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2017**

2017206201 **H J Fischer, LLC** An application to extend the time from 23 Jan 2019 to 23 Aug 2019 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

**Extensions of Time, Section 223**

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

**2009**

2009327529 **Rich Media Club, LLC** The time in which to pay a renewal fee has been extended to 21 Jun 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2010**

2010315655 **Ethicon, LLC** The time in which to pay a renewal fee has been extended to 21 Jun 2019 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

**2012**

2012278932 **MIRteq Pty Ltd** The time in which to pay a renewal fee has been extended to 05 May 2019 . Address for service - Adams Pluck SE 4 L 3 20 George St Hornsby NSW 2077 AU

**2014**

2014311195 **Smart Glass Systems Pty Ltd** The time in which to pay the renewal fee has been extended to 29 Apr 2019 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

**2015**

2015100599 **Smart Glass Systems Pty Ltd** The time in which to pay a renewal fee has been extended to 29 Apr 2019 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2015218634 **HYTORC Division UNEX Corporation** The time in which to pay the acceptance fee has been extended to 18 Nov 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015287896 **Franklin, L.C.** The time in which to request examination has been extended to 21 Aug 2019 . Address for service - Lee Christopher Franklin PO Box 839 Port Melbourne VIC 3207 AU

**2016**

2016344349 **Iview Therapeutics, Inc.** The time in which to enter the National Phase has been extended to 25 May 2019 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

**2017**

2017202183 **OZKOR Pty. Ltd.** The time in which to gain acceptance has been extended to 22 Nov 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017363832 **Cote, Kristy** The time in which to enter the National Phase has been extended to 28 Sep 2019 . Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh Street Sydney NSW 2000 AU

**2019**

2019100792 **Lazic, J.** The time in which to comply with a direction under Reg 3.2B has been extended to 24 Oct 2019 . Address for service - The Trustee for LAZIC FAMILY TRUST GPO Box 4851 SYDNEY NSW 2001 AU

**Extensions of Time, Section 223**

2019201471 **NorthEastern University** The time in which to claim the convention priority date has been extended to 06 Mar 2019 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2019201599 **Longquan Shengzhi Cup Industry Co., Ltd.** The time in which to pay the acceptance fee has been extended to 06 Oct 2019 . Address for service - Longquan Shengzhi Cup Industry Co., Ltd. G29/21 Beissel St Belconnen ACT 2617 AU

2019240567 **Becton, Dickinson and Company** The time in which to make a further application for a divisional patent has been extended to 27 Oct 2019 . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

**Amendments**

**Applications for Amendment**

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

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.

**2014**

2014286131 Human anti-IFN-alpha antibodies **ImmunoQure AG** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014369446 Bicyclic heterocycle compounds and their uses in therapy **Astex Therapeutics Limited** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2019 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

**2015**

2015211013 Method of access and link adaptation for coverage enhanced wireless transmissions **InterDigital Patent Holdings, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2019 . Address for service - Spruson & Ferguson L 24 Tower 2 Darling Park 201 Sussex St Sydney NSW 2000 AU

2015243051 Lock Ring Assembly **Weatherford Technology Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015275128 The effective and efficient control of serum phosphate for optimal bone formation **Kyowa Hakko Kirin Co., Ltd. ; Ultragenyx Pharmaceutical Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2015284280 Piperidinone herbicides **FMC Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Nov

**Amendments**

2019 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2015288295 Projectile with enhanced ballistics **G9 Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2019 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2015374063 Classification based automated instance management **ServiceNow, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2016**

2016269145 Therapeutic combinations and methods for treating neoplasia **MedImmune Limited** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016387660 Method of preparing battery electrodes **GRST International Limited** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2016418791 Notification message management method and terminal **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2017**

2017228544 Nonvolatile media dirty region tracking **Microsoft Technology Licensing, LLC** The nature of the amendment is: Amend the name of the inventor to read PALEOLOGU, Emanuel; MEHRA, Karan and MOSS, Darren . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2017404568 Method and device for controlling output power of a wind turbine **Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2019 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**2018**

2018202523 ENTITLEMENT MANAGEMENT SYSTEM **Accenture Global Solutions Limited** The nature of the amendment is: Amend the name of the inventor to read MINTZ, Kevin Matthew; LEINEN III, Arthur R.; CUTLAN, Melanie Jean and MESZAROS, Richard Thomas . Address for service - Murray Trento & Associates Pty Ltd PO Box 191 Surrey Hills VIC 3127 AU

2018256572 Powder-liquid bone cement mixer with compressed gas connection **Heraeus Medical GmbH** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made**

**Amendments**

**2013**

2013294915 **Camurus AB** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2019

**2014**

2014348752 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is as shown in the statement filed 06 Aug 2019

**2015**

2015203343 **Hofmann Engineering Pty Ltd** The nature of the amendment is as shown in the statement filed 05 Jul 2019

2015249889 **Globaltech Corporation Pty Ltd; Longyear TM, Inc.** The nature of the amendment is: Amend the name of the inventor to read Drenth, Christopher L.; Stewart, Gordon and Hejleh, Khaled

2015274757 **Verifi, Inc.** The nature of the amendment is: Amend the invention title to read Descriptor Exchange

2015301923 **Franklin Fueling Systems, LLC** The nature of the amendment is as shown in the statement filed 06 Aug 2019

2015324607 **U.S.A., As Represented By The Administrator of The National Aeronautics and Space Administration** The nature of the amendment is: Amend the name of the inventor to read Dimarcantonio, Albert L. and Shams, Qamar A

**2016**

2016215844 **Ishihara Sangyo Kaisha, Ltd.** The nature of the amendment is: Amend the invention title to read Pesticidal composition and method for controlling pests

2016254049 **Musc Foundation for Research Development; U.S. Department of Veterans Affairs** The nature of the amendment is: Amend the name of the inventor to read Beeson, Craig C.; Lindsey, Christopher C.; Rohrer, Baerbel and Peterson, Yuri Karl

2016254729 **Rodos BioTarget GmbH** The nature of the amendment is: Amend the invention title to read Targeted nanocarriers for targeted drug delivery of gene therapeutics

2016273826 **Pilot Energy Solutions, LLC** The nature of the amendment is as shown in the statement filed 06 Aug 2019

2016276251 **Plexbio Co., Ltd.** The nature of the amendment is: Amend the invention title to read Image differentiated multiplex assays

2016319758 **Hendrickson USA, L.L.C.** The nature of the amendment is as shown in the statement filed 13 Aug 2019

2016321009 **Nippon Steel Corporation** The nature of the amendment is as shown in the statement filed 14 Aug 2019

2016324013 **Iomet Pharma Ltd.; Merck Sharp & Dohme Corp.** The nature of the amendment is: Amend the invention title to read Substituted 1H-indole-2-carboxamide compounds as indoleamine-2,3-dioxygenase inhibitors

**Amendments**

2016382561 **Qingdao Kingagroot Chemical Compounds Co., Ltd** The nature of the amendment is as shown in the statement filed 26 Jul 2019

2016385445 **Apple Inc.** The nature of the amendment is as shown in the statement filed 14 Aug 2019

2016406794 **Allera, C.; Masella, E.** The nature of the amendment is as shown in the statement filed 31 Oct 2019

2016410253 **Apple Inc.** The nature of the amendment is: Amend the priority details to read 62/348,896 11 Jun 2016 US and PA 2016 70554 25 Jul 2016 DK

**2017**

2017100670 **Apple Inc.** The nature of the amendment is as shown in the statement filed 30 Jul 2019

2017260232 **TetraGenetics Inc.** The nature of the amendment is: Amend the name of the inventor to read Colussi, Paul; Bednenko, Janna; Bisharyan, Yelena; Papoyan, Ashot; Cardarelli, Joanna; Clark, Theodore G.; Kahn, R. Douglas; Marien, Lore; Van Der Woning, Bas; De Haard, Hans; Harriman, William D.; Collarini, Ellen J. and Agrawal, Alka

2017261137 **RESEARCH INSTITUTE OF THE PHYSICAL CHEMICAL PROBLEMS; Double Bond Pharmaceutical AB** The nature of the amendment is: Amend the name of the inventor to read Yurkshtovich, Mikalai; Veyeunik, Dzmitry; Alinouskaya, Valiantsina; At-rakhimovich, Natalia; Halouchyk, Lryna; Beliaev, Sergey; Yurkshtovich, Tatjana; Bychkouski, Pavel; Fedulau, Aliaksandr and Trukhachova, Tat-siana

2017267663 **CSA Medical, Inc.** The nature of the amendment is: Amend the name of the inventor to read Forde, Sean; McDermott, Sean Arthur and Hanley, Brian

2017332746 **Artisan Vehicle Systems Inc.** The nature of the amendment is as shown in the statement filed 21 Oct 2019

2017406230 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DISPLAY METHOD AND ELECTRONIC DEVICE

2017408066 **Khondrion IP B.V.** The nature of the amendment is as shown in the statement filed 30 Oct 2019

**2018**

2018250176 **DT Inventions** The nature of the amendment is: Amend the invention title to read Variable Thickness Preform for a Bottle

2018263972 **LSI Solutions, Inc.** The nature of the amendment is: Amend the priority details to read 62/500,972 03 May 2017 US; 62/526,329 28 Jun 2017 US; 62/507,724 17 May 2017 US and PCT/US18/030846 03 May 2017 US

2018271275 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 08 Aug 2019

2018307001 **IHI Corporation** The nature of the amendment is: Amend the invention title to read HYDROPHILIZED MATERIAL, HY-



**Amendments**

DROPHILIZED MEMBER, AND GAS-LIQUID CONTACT APPARATUS IN WHICH SAME IS USED

2018357828 **Korea Advanced Institute of Science and Technology** The nature of the amendment is as shown in the statement filed 22 Oct 2019

2018402458 **Henan Polytechnic University** The nature of the amendment is: Amend the invention title to read MULTI-STAGE PRES-SURE BEARING TYPE PERMEATIVE SEALING METHOD AND DEVICE

2018411837 **Xinjiang Tianrun Biotechnology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102146

**2019**

2019100575 **OMNI Electrical and Lighting (Australia) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Chen, Lance and Swaysland, Shayne

2019250278 **Grey Orange Pte. Ltd.** The nature of the amendment is: Amend the priority details to read 16/170,958 25 Oct 2018 US

2019253859 **Shifamed Holdings, LLC** The nature of the amendment is: Amend the invention title to read ACCOMMODATING IN-TRAOCULAR LENS

2019257429 **EILON, S.** The nature of the amendment is: Amend the priority details to read 62/792,975 16 Jan 2019 US and 102018000009913 30 Oct 2018 IT

2019904154 **Implant Solutions Pty Ltd** The nature of the amendment is: Amend the invention title to read Apparatus for facilitating acquisition of a scan and an intraoral scanning procedure

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

**2010**

2010260349 National Institutes of Health; Wayne State University The name of the patentee has been altered to **The United States of America, as represented by the Secretary of Health and Human Services; Wayne State University**

**2014**

2014237357 Corium Inc. The name of the applicant has been altered to **Corium, Inc.**

2014331685 NuVasive, Inc. The name of the applicant has been altered to **NuVasive Specialized Orthopedics, Inc.**

**2015**

2015263150 Imperial Innovations Limited ; ID Pharma Co., Ltd. The name of the applicant has been altered to **IP2IPO Innovations Limited; ID Pharma Co., Ltd.**

2015317566 Mackay Medical Foundation The Presbyterian Church In Taiwan Mackay Memorial Hospital The name of the applicant

**Amendments**

has been altered to **Mackay Medical Foundation The Presbyterian Church in Taiwan Mackay Memorial Hospital**

**2016**

2016309397 Bengt I. Samuelsson Institute of Life Science Research The name of the applicant has been altered to **Jiangyin Bengt I. Samuelsson Institute of Life Science Co., Ltd.**

2016357752 CiDRA Corporate Services Inc. The name of the applicant has been altered to **CiDRA Corporate Services LLC**

**2017**

2017252212 Sphingotec Therapeutics GmbH The name of the applicant has been altered to **4TEEN4 Pharmaceuticals GmbH**

2017268618 Fliptix, LLC The name of the applicant has been altered to **FlipTix, Inc.**

2017412462 Hangzhou AGS Medical Technology Co. Ltd The name of the applicant has been altered to **HANGZHOU AGS MedTech CO., LTD.**

**2018**

2018102028 GetBranded Pty Ltd The name of the patentee has been altered to **Get Branded Pty Ltd**

2018201252 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz The name of the patentee has been altered to **BioNTech Cell & Gene Therapies GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2018225218 Momenta Pharmaceuticals, Inc.; Jay Duffner The name of the applicant has been altered to **Momenta Pharmaceuticals, Inc.**

2018270247 Safecertifiedstructure Tecnologia S.r.l. The name of the applicant has been altered to **SAFECERTIFIED STRUCTURE TECNOLOGIA S.P.A.**

2018904675 GetBranded Pty Ltd The name of the applicant has been altered to **Get Branded Pty Ltd**

**2019**

2019240582 Morphpackers US The name of the applicant has been altered to **Morphpackers Limited**

2019257443 Nanjing Institute of Geography & Limnology. Chinese Academy of Science The name of the applicant has been altered to **Nanjing Institute of Geography & Limnology. Chinese Academy of Sciences**

2019257459 Dolby Laboratories, Inc The name of the applicant has been altered to **Dolby Laboratories Licensing Corporation**

2019904013 Robets, Nick; Winichayakul, Somrutai; Beechey-Gradwell, Zacharia; Cooney, Luke The name of the applicant has been

**Amendments**

altered to **Roberts, N.; Winichayakul, S.; Beechey-Gradwell, Z.; Cooney, L.**

2019904112 GetBranded Pty Ltd The name of the applicant has been altered to **Get Branded Pty Ltd**

**Amendments Made Under Section 105**

Court Order by the Federal Court of New South Wales, NSD130/2019 Australian Patent/Patent Application 2012220990 in the name of Nalco Company

The amendments advertised in the Official Journal of Patents dated 23 May 2019 have been made in accordance with a Court Order 04 Nov 2019 .

Applications Open to Public Inspection

Name Index

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

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(71) [24]7.ai, Inc.  
 (11) AU-A-2019203147  
 (21) 2019203147 (22) 03.05.2019  
 (54) METHOD AND APPARATUS FOR FACILITATING INTERACTION WITH CUSTOMERS ON ENTERPRISE INTERACTION CHANNELS  
 (51) Int. Cl.  
*H04M 11/06* ( 2006.01 )  
 (31) 62/668,083 (32) 07.05.18 (33) US  
 16/396,295 26.04.19 US  
 (43) 21.11.2019  
 (72) Udupa, Rajagopala; Prabhu, Anil  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) ACO Pty Ltd  
 (11) AU-A-2019203012  
 (21) 2019203012 (22) 30.04.2019  
 (54) A Light Weight Lid Arrangement for a Manhole or Pit  
 (51) Int. Cl.  
*E02D 29/14* ( 2006.01 )  
 (31) 2018901469 (32) 02.05.18 (33) AU  
 (43) 21.11.2019  
 (72) GOWLAND, Stephen  
 (74) Fraser Old & Sohn

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(71) Allegion  
 (11) AU-A-2018203064  
 (21) 2018203064 (22) 02.05.2018  
 (54) Door Furniture  
 (51) Int. Cl.  
*E05B 15/02* ( 2006.01 )  
*E05B 3/06* ( 2006.01 )  
 (43) 21.11.2019  
 (72) Gear, Jeremy; Roman, Cristina; Saxony, Mark  
 (74) AJ Pietras IP Limited

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(71) ALSTOM Transport Technologies  
 (11) AU-A-2019203080  
 (21) 2019203080 (22) 01.05.2019  
 (54) Insulating track segment for underground power system and corresponding underground power system  
 (51) Int. Cl.  
*B60M 5/02* ( 2006.01 )  
 (31) 18 53864 (32) 04.05.18 (33) FR  
 (43) 21.11.2019  
 (72) Duprat, Patrick  
 (74) Davies Collison Cave Pty Ltd

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(71) AMARIN PHARMACEUTICALS IRELAND LIMITED  
 (11) AU-A-2019257464  
 (21) 2019257464 (22) 31.10.2019

(54) COMPOSITIONS AND METHODS FOR LOWERING TRIGLYCERIDES WITHOUT RAISING LDL-C LEVELS  
 (51) Int. Cl.  
*C12P 7/64* ( 2006.01 )  
 (43) 21.11.2019  
 (62) 2017268633  
 (72) OSTERLOH, Ian; WICKER, Pierre; BRAECKMAN, Rene; SONI, Paresh; MANKU, Mehar  
 (74) AJ PARK

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(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2019257424  
 (21) 2019257424 (22) 30.10.2019  
 (54) CARD GAME MONITORING SYSTEM  
 (51) Int. Cl.  
*A63F 1/00* ( 2006.01 )  
 (43) 21.11.2019  
 (62) 2014200314  
 (72) Shigeta, Yasushi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2019222943  
 (21) 2019222943 (22) 28.03.2019  
 (54) Displaying user interfaces associated with physical activities  
 (51) Int. Cl.  
*A63B 24/00* ( 2006.01 )  
 (31) 16/144,864 (32) 27.09.18 (33) US  
 16/144,849 27.09.18 US  
 16/138,809 21.09.18 US  
 PA201870380 12.06.18 DK  
 PA201870379 12.06.18 DK  
 PA201870378 12.06.18 DK  
 62/668,159 07.05.18 US  
 62/679,906 03.06.18 US  
 (43) 21.11.2019  
 (72) Williams, Aled Hywel; Butcher, Gary Ian; Sundstrom, Matthew J.; Wiebe, Molly Pray  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2019257437  
 (21) 2019257437 (22) 30.10.2019  
 (54) Devices and methods for capturing and interacting with enhanced digital images  
 (51) Int. Cl.  
*G06F 3/0488* ( 2013.01 )  
*G06F 3/0484* ( 2013.01 )  
*G06F 3/0487* ( 2013.01 )  
*G06K 9/00* ( 2006.01 )  
*H04N 1/00* ( 2006.01 )  
*H04N 1/21* ( 2006.01 )  
*H04N 5/232* ( 2006.01 )

(43) 21.11.2019  
 (62) 2019200872  
 (72) PENHA, Henrique D.; MEZAK, Charles A.; MANZARI, Behkish J.; LOPEZ, Paulo M.; CLARKE, Graham R.; PIVONKA, Pavel; BAUER, Sebastian J.; CHAUDHRI, Imran A.; DYE, Alan C.; FEDERIGHI, Craig M.; GUZMAN, Aurelio; IVE, Jonathan; KING, Nicholas V.; TITI, Justin S.; WILSON, Christopher I.; HARRIS, Elliot B.; KIM, Emilie; LANGOULANT, Brendan J.; MIURA, Britt S.; GOBERA RUBALCAVA, Daniel E.; FOSS, Christopher P.; KOCIENDA, Kenneth L.; PRESTON, Daniel T.; APO-DACA, Gregory M.; BOVET, Simon; JUREWITZ, Michael T.; CONNOLY, Bethany B.; MARIC, Natalia C.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2019257439  
 (21) 2019257439 (22) 30.10.2019  
 (54) Devices, methods, and graphical user interfaces for dynamically adjusting presentation of audio outputs  
 (51) Int. Cl.  
*G06F 3/16* ( 2006.01 )  
*G06F 3/0488* ( 2013.01 )  
 (43) 21.11.2019  
 (62) 2017286013  
 (72) FAMILY, Afrooz; BROWN, Matthew I.; ALONSO RUIZ, Marcos; VERWEIJ, Hugo D.; DE VRIES, Nathan; GRAHAM, David C.; ANZURES, Freddy A.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) ArthroCare Corporation  
 (11) AU-A-2019257435  
 (21) 2019257435 (22) 30.10.2019  
 (54) Methods and systems related to an electrosurgical controller  
 (51) Int. Cl.  
*A61B 18/12* ( 2006.01 )  
*A61B 18/00* ( 2006.01 )  
 (43) 21.11.2019  
 (62) 2014382589  
 (72) Woloszko, Jean; Armstrong, Scott A.; Bozeman, Michael; Wallis, Christopher A.  
 (74) Davies Collison Cave Pty Ltd

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(71) B. Braun Melsungen AG  
 (11) AU-A-2019257513  
 (21) 2019257513 (22) 31.10.2019  
 (54) Catheter insertion device  
 (51) Int. Cl.  
*A61M 25/00* ( 2006.01 )  
*A61M 25/06* ( 2006.01 )  
*A61M 25/08* ( 2006.01 )  
*A61M 39/06* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

*A61M 5/32* ( 2006.01 )  
**(43)** 21.11.2019  
**(62)** 2016269477  
**(72)** Woehr, Kevin  
**(74)** Davies Collison Cave Pty Ltd

**(71)** BGC Partners, Inc  
**(11)** AU-A-2019257427  
**(21)** 2019257427 **(22)** 30.10.2019  
**(54)** CUSTOMIZABLE TRADING DISPLAY OF MARKET DATA

**(51)** Int. Cl.  
*G06F 3/048* ( 2006.01 )  
*G06F 17/00* ( 2006.01 )  
*G06Q 10/06* ( 2012.01 )  
*G06Q 40/00* ( 2012.01 )  
*G06Q 40/04* ( 2012.01 )

**(43)** 21.11.2019  
**(62)** 2018201559  
**(72)** Langridge, Philip S.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Biomedical Enterprises, Inc.  
**(11)** AU-A-2019257472  
**(21)** 2019257472 **(22)** 31.10.2019  
**(54)** METHOD AND APPARATUS FOR LOADING AND IMPLANTING A SHAPED MEMORY IMPLANT

**(51)** Int. Cl.  
*A61B 17/064* ( 2006.01 )  
**(43)** 21.11.2019  
**(62)** 2015355275

**(72)** Cheney, Daniel F.; Taber, Joseph H.; Perkins, Luke A.; Ritz, Joseph P.  
**(74)** Spruson & Ferguson

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2019202883  
**(21)** 2019202883 **(22)** 24.04.2019  
**(54)** Ablation catheter with selective radial energy delivery

**(51)** Int. Cl.  
*A61B 18/14* ( 2006.01 )

**(31)** 15/969,579 **(32)** 02.05.18 **(33)** US  
**(43)** 21.11.2019  
**(72)** HIGHSMITH, Debby  
**(74)** Spruson & Ferguson

**(71)** BISSELL Homecare, Inc.  
**(11)** AU-A-2019257434  
**(21)** 2019257434 **(22)** 30.10.2019  
**(54)** Autonomous floor cleaning system

**(51)** Int. Cl.  
*A47L 9/28* ( 2006.01 )  
*A47L 5/12* ( 2006.01 )  
*A47L 11/29* ( 2006.01 )

**(43)** 21.11.2019  
**(62)** 2018203588  
**(72)** SCHOLTEN, Jeffrey A.; KREBS, Alan J.  
**(74)** Griffith Hack

**(71)** Bodor Laboratories, Inc.  
**(11)** AU-A-2019257421  
**(21)** 2019257421 **(22)** 30.10.2019

**(54)** Formulation for soft anticholinergic analogs

**(51)** Int. Cl.  
*A61K 31/40* ( 2006.01 )  
*A61K 31/56* ( 2006.01 )

**(43)** 21.11.2019  
**(62)** 2015229243  
**(72)** BODOR, Nicholas S.; KOLENG, John J.; ANGULO, David  
**(74)** Griffith Hack

**(71)** Boston Scientific Scimed, Inc.

**(11)** AU-A-2019257431  
**(21)** 2019257431 **(22)** 30.10.2019  
**(54)** Collection of cells from a lumen in patient

**(51)** Int. Cl.  
*A61B 10/02* ( 2006.01 )  
*A61M 25/10* ( 2006.01 )

**(43)** 21.11.2019  
**(62)** 2017248549  
**(72)** CHIN, Albert; SARNA, Surbhi; SNOW, David W.  
**(74)** Spruson & Ferguson

**(71)** Boston Scientific Scimed, Inc.

**(11)** AU-A-2019257432  
**(21)** 2019257432 **(22)** 30.10.2019  
**(54)** Collection of cells from a lumen in patient

**(51)** Int. Cl.  
*A61B 10/02* ( 2006.01 )  
*A61M 25/10* ( 2006.01 )

**(43)** 21.11.2019  
**(62)** 2017248549  
**(72)** CHIN, Albert; SARNA, Surbhi; SNOW, David W.  
**(74)** Spruson & Ferguson

**British Columbia Cancer Agency Branch**  
**see The University of British Columbia**  
**(21)** 2019257509

**(71)** Broadridge Financial Solutions, Inc.

**(11)** AU-A-2019203184  
**(21)** 2019203184 **(22)** 07.05.2019  
**(54)** COMPUTER NETWORK SYSTEMS ADMINISTERING CRYPTOGRAPHICALLY-SECURED, TOKEN-BASED SUBSTITUTION MANAGEMENT AND METHODS OF USER THEREOF

**(51)** Int. Cl.  
*H04L 9/00* ( 2006.01 )

**(31)** 16/174,589 **(32)** 30.10.18 **(33)** US  
 62/668,144 07.05.18 US  
**(43)** 21.11.2019  
**(72)** Mayadas, Vijay; Barakat, Horacio; Seshagiri, Kishore; Garahan, John; Nashikkar, Hrishikesh  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Capurso, S.; Knibbs, C.  
**(11)** AU-A-2019203075  
**(21)** 2019203075 **(22)** 01.05.2019

**(54)** AN IN-GROUND IMBEDDED PEG EXTRACTOR ARRANGEMENT AND A METHOD OF EXTRACTING A PEG IMBEDDED WITHIN THE GROUND

**(51)** Int. Cl.  
*E04H 15/32* ( 2006.01 )  
*B25C 11/00* ( 2006.01 )

**(31)** 2018901498 **(32)** 03.05.18 **(33)** AU  
**(43)** 21.11.2019  
**(72)** Capurso, Salvatore; Knibbs, Craig  
**(74)** Collison & Co

**(71)** CareFusion 303, Inc.

**(11)** AU-A-2019257422  
**(21)** 2019257422 **(22)** 30.10.2019  
**(54)** INFUSION MANAGEMENT PLATFORM WITH INFUSION DATA GROUPING LOGIC

**(51)** Int. Cl.  
*G16H 20/17* ( 2018.01 )

**(43)** 21.11.2019  
**(62)** 2014249251  
**(72)** Naker, Sachin B.; Riddle, Tim  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** CARTER, B.

**(11)** AU-A-2019202211  
**(21)** 2019202211 **(22)** 29.03.2019  
**(54)** A CABLE

**(51)** Int. Cl.  
*H01B 3/00* ( 2006.01 )

**(31)** 2018901458 **(32)** 01.05.18 **(33)** AU  
**(43)** 21.11.2019  
**(72)** CARTER, Brett  
**(74)** Griffith Hack

**(71)** Caterpillar Inc.

**(11)** AU-A-2019202430  
**(21)** 2019202430 **(22)** 08.04.2019  
**(54)** SYSTEM AND METHOD FOR CONTROLLING TRACK SLIP OF A MACHINE

**(51)** Int. Cl.  
*B60L 3/10* ( 2006.01 )

**(31)** 15/970,205 **(32)** 03.05.18 **(33)** US  
**(43)** 21.11.2019  
**(72)** Anderson, Randell T; Evans, Timothy A  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** CAVIAR APPAREL PTY LTD

**(11)** AU-A-2019204737  
**(21)** 2019204737 **(22)** 02.07.2019  
**(54)** FIR (FAR INFRARED RAY) SUIT FOR ANIMALS

**(51)** Int. Cl.  
*A01K 13/00* ( 2006.01 )

**(31)** 2018901513 **(32)** 03.05.18 **(33)** AU  
**(43)** 21.11.2019  
**(72)** Spice, Matthew  
**(74)** CAVIAR APPAREL PTY LTD

**(71)** Cephea Valve Technologies, Inc.

**(11)** AU-A-2019257510  
**(21)** 2019257510 **(22)** 31.10.2019

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(54) REPLACEMENT CARDIAC VALVES AND METHODS OF USE AND MANUFACTURE  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
 (43) 21.11.2019  
 (62) 2015361260  
 (72) Granada, Juan F.; Erzberger, Gary; Corcoran, Michael P.; Wallace, Dan; Montorfano, Matteo; Chieffo, Alaide; Grogan, Aaron; Noe, Spencer; Gregg, Peter; Thauré, Thierry  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Cephea Valve Technologies, Inc.  
 (11) AU-A-2019257514  
 (21) 2019257514 (22) 31.10.2019  
 (54) REPLACEMENT CARDIAC VALVES AND METHODS OF USE AND MANUFACTURE  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
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 (62) 2015361260  
 (72) Granada, Juan F.; Erzberger, Gary; Corcoran, Michael P.; Wallace, Dan; Montorfano, Matteo; Chieffo, Alaide; Grogan, Aaron; Noe, Spencer; Gregg, Peter; Thauré, Thierry  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) China University of Mining and Technology  
 (11) AU-A-2018408668  
 (21) 2018408668 (22) 08.10.2018  
 (54) TRC folded assemble-type permanent formwork and manufacturing method thereof  
 (51) Int. Cl.  
**E04G 13/02** ( 2006.01 )  
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 (72) Yin, Shiping; Li, Shichang; Wang, Fei; Wang, Congcong  
 (74) Davies Collison Cave Pty Ltd

(71) Cianna Medical, Inc.  
 (11) AU-A-2019257372  
 (21) 2019257372 (22) 28.10.2019  
 (54) MICROWAVE ANTENNA APPARATUS, SYSTEMS AND METHODS FOR LOCALIZING MARKERS OR TISSUE STRUCTURES WITHIN A BODY  
 (51) Int. Cl.  
**A61B 5/05** ( 2006.01 )  
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 (62) 2014238462  
 (72) Fullerton, Larry W.; Greene, John E.; Nguyen, Tommy G.; Chi Sing, Eduardo  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Club Gaming Pty Ltd  
 (11) AU-A-2019203115  
 (21) 2019203115 (22) 02.05.2019

(54) IMPROVED CASINO GAMING CHIP FLOAT AND METHOD OF CHIP MANAGEMENT  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 9/28** ( 2006.01 )  
**A63F 11/00** ( 2006.01 )  
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 (43) 21.11.2019  
 (72) Sugrue, Michael Thomas  
 (74) Pini IP

(71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-A-2019202534  
 (21) 2019202534 (22) 11.04.2019  
 (54) FUEL SYSTEM FOR DIESEL ENGINES USING CARBONACEOUS AQUEOUS SLURRY AND EMULSION FUELS  
 (51) Int. Cl.  
**F02M 43/04** ( 2006.01 )  
**F02B 45/10** ( 2006.01 )  
**F02M 37/00** ( 2006.01 )  
**F02M 57/02** ( 2006.01 )  
 (31) 2018901502 (32) 03.05.18 (33) AU  
 (43) 21.11.2019  
 (72) Wibberley, Louis James  
 (74) Phillips Ormonde Fitzpatrick

(71) ConocoPhillips Company; University of Kansas  
 (11) AU-A-2019257441  
 (21) 2019257441 (22) 30.10.2019  
 (54) DELAYED GELATION OF POLYMERS  
 (51) Int. Cl.  
**C09K 8/588** ( 2006.01 )  
**C09K 8/60** ( 2006.01 )  
**E21B 43/22** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

(71) Cornell Research Foundation, Inc.  
 (11) AU-A-2019257440  
 (21) 2019257440 (22) 30.10.2019  
 (54) Methods for reducing CD36 expression  
 (51) Int. Cl.  
**A61K 38/00** ( 2006.01 )  
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 (72) SZETO, Hazel H.; LIU, Shaoyi; CHO, Sunghuee  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2019257371  
 (21) 2019257371 (22) 28.10.2019  
 (54) Powered surgical stapling device  
 (51) Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**A61B 17/115** ( 2006.01 )

(43) 21.11.2019  
 (62) 2017213554  
 (72) ZEMLOK, Michael A.; ROSS, Adam J.  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2019257400  
 (21) 2019257400 (22) 29.10.2019  
 (54) System and method for performing surgical procedures with a reusable instrument module  
 (51) Int. Cl.  
**A61B 17/32** ( 2006.01 )  
**A61B 17/128** ( 2006.01 )  
 (43) 21.11.2019  
 (62) 2017228594  
 (72) BEARDSLEY, John; CHOWANIEC, Matthew; PRIBANIC, Russell  
 (74) Spruson & Ferguson

(71) Dart Industries Inc.  
 (11) AU-A-2019201304  
 (21) 2019201304 (22) 25.02.2019  
 (54) MICROWAVE REHEATING CONTAINER  
 (51) Int. Cl.  
**A47J 36/02** ( 2006.01 )  
**B65D 81/34** ( 2006.01 )  
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 (43) 21.11.2019  
 (72) Tabey, Laurent; Verbrugge, Steven J.; Schoukens, Kris; Özel, Berivan; Carrette, Johan; Backaert, Dimitri M.C.J.  
 (74) Phillips Ormonde Fitzpatrick

(71) Dart Industries Inc.  
 (11) AU-A-2019202684  
 (21) 2019202684 (22) 17.04.2019  
 (54) DEVICE AND METHOD OF MICROWAVE BAKING WITH INVERSION  
 (51) Int. Cl.  
**B65D 81/34** ( 2006.01 )  
**A47J 36/02** ( 2006.01 )  
 (31) 15/967,725 (32) 01.05.18 (33) US  
 (43) 21.11.2019  
 (72) Wiggins, James Michael; Carrette, Johan; Roiret, Nathalie  
 (74) Phillips Ormonde Fitzpatrick

(71) DePuy Ireland Unlimited Company  
 (11) AU-A-2019202948  
 (21) 2019202948 (22) 26.04.2019  
 (54) Orthopaedic prosthetic system for a hinged knee prosthesis  
 (51) Int. Cl.  
**A61F 2/38** ( 2006.01 )  
 (31) 15/969,737 (32) 02.05.18 (33) US  
 (43) 21.11.2019  
 (72) Reeder, Nathan C.; Hathaway, Tyler S.  
 (74) Spruson & Ferguson

(71) DePuy Synthes Products, Inc.  
 (11) AU-A-2019257458  
 (21) 2019257458 (22) 30.10.2019  
 (54) BLUNT TIP BONE SCREW  
 (51) Int. Cl.

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**F16B 25/00** ( 2006.01 )  
**F16B 25/10** ( 2006.01 )
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(62) 2015343471  
(72) Bales, Joel Patrick  
(74) Spruson & Ferguson
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- (71) Dexcom, Inc.  
(11) AU-A-2019257399  
(21) 2019257399 (22) 29.10.2019  
(54) System and method for wireless communication of glucose data  
(51) Int. Cl.  
**A61B 5/145** ( 2006.01 )
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(62) 2017300273  
(72) Mandapaka, Aditya; Valdes, Jorge; Wedekind, Jeffrey R.; Cohen, Eric; Burnette, Douglas William; Pascual, Francis William; Hampapuram, Hari; Dervaes, Mark; Mensinger, Michael Robert  
(74) FB Rice Pty Ltd
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- (71) Dexcom, Inc.  
(11) AU-A-2019257401  
(21) 2019257401 (22) 29.10.2019  
(54) Systems and methods for remote and host monitoring communications  
(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )
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(72) Mahalingam, Aarthi; Cabrera, Esteban; Dattaray, Basab; Draeger, Rian; Dunn, Laura J.; Escobar, Derek James; Hall, Thomas; Hampapuram, Hari; Kamath, Apurv Ullas; Kohler, Katherine Yerre; Mayou, Phil; Mensinger, Michael Robert; Moore, Michael Levozier; Pal, Andrew Attila; Polytaridis, Nicholas; Reihman, Eli; Smith, Brian Christopher  
(74) FB Rice Pty Ltd
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- (71) DOCBLASTER PTY. LTD.  
(11) AU-A-2019202322  
(21) 2019202322 (22) 03.04.2019  
(54) Pixmap Forms System and Method  
(51) Int. Cl.  
**G06F 17/24** ( 2006.01 )
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2018904109 30.10.18 AU  
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- (43) 21.11.2019  
(72) Wilson, Eric Cameron; Wilson, Daniel Lawrence  
(74) DOCBLASTER PTY. LTD.
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- (71) Dolby Laboratories, Inc  
(11) AU-A-2019257459  
(21) 2019257459 (22) 30.10.2019  
(54) System and tools for enhanced 3D audio authoring and rendering  
(51) Int. Cl.  
**H04S 3/00** ( 2006.01 )  
**H04S 7/00** ( 2006.01 )
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(74) Chrysilou IP
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- (71) Dropbox, Inc.  
(11) AU-A-2019257407  
(21) 2019257407 (22) 29.10.2019  
(54) Collection folder for collecting file submissions  
(51) Int. Cl.  
**G06Q 10/00** ( 2006.01 )  
**G06Q 10/10** ( 2012.01 )
- (43) 21.11.2019  
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(72) ZHANG, Mindy; LEVI, Alon; SOUBA, Brandon; LI, Angela; GOLDMAN, Erik; GIURGEA, Mihnea Cezar; SARFANI, Aadil; EMBIRICOS, Alex; PUCKETT, Joshua  
(74) FPA Patent Attorneys Pty Ltd
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- (71) Dropbox, Inc.  
(11) AU-A-2019257465  
(21) 2019257465 (22) 31.10.2019  
(54) Managing presence among devices accessing shared and synchronized content  
(51) Int. Cl.  
**G06F 9/52** ( 2006.01 )  
**G06Q 10/10** ( 2012.01 )
- (43) 21.11.2019  
(62) 2015246020  
(72) LARABIE-BELANGER, Maxime  
(74) FPA Patent Attorneys Pty Ltd
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- (71) EMBO Medical Limited  
(11) AU-A-2019257475  
(21) 2019257475 (22) 31.10.2019  
(54) An embolisation device  
(51) Int. Cl.  
**A61B 17/12** ( 2006.01 )
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(62) 2018264122  
(72) Mullins, Liam; Forde, Colin; Allen, Wayne; Sheridan, William; Gilson, Paul  
(74) Watermark Intellectual Property Pty Ltd
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- (71) EURO-CELTIQUE S.A.  
(11) AU-A-2019257451  
(21) 2019257451 (22) 30.10.2019  
(54) Counter  
(51) Int. Cl.  
**G06M 1/16** ( 2006.01 )  
**G06M 1/26** ( 2006.01 )
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(62) 2013366105  
(72) Daignan, Cathal  
(74) FPA Patent Attorneys Pty Ltd
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- (71) Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)  
(11) AU-A-2019257493  
(21) 2019257493 (22) 31.10.2019
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- (54) Method for preventing and/or treating chronic traumatic encephalopathy-I  
(51) Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/48** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )
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(62) 2014286925  
(72) VINK, Robert  
(74) Davies Collison Cave Pty Ltd
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- (71) Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)  
(11) AU-A-2019257499  
(21) 2019257499 (22) 31.10.2019  
(54) Method for preventing and/or treating chronic traumatic encephalopathy-II  
(51) Int. Cl.  
**A61K 31/501** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )
- (43) 21.11.2019  
(62) 2014286926  
(72) VINK, Robert  
(74) Davies Collison Cave Pty Ltd
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- (71) Evogene Ltd.  
(11) AU-A-2019257481  
(21) 2019257481 (22) 31.10.2019  
(54) Isolated polynucleotides and polypeptides, construct and plants comprising same and methods of using same for increasing nitrogen use efficiency of plants  
(51) Int. Cl.  
**A01H 5/00** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**C12N 15/29** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )
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(62) 2013368878  
(72) ETZIONI, Adi; KARCHI, Hagai  
(74) Spruson & Ferguson
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- (71) F. Hoffmann-La Roche AG  
(11) AU-A-2019257450  
(21) 2019257450 (22) 30.10.2019  
(54) 5-chloro-2-difluoromethoxyphenyl pyrazolopyrimidine compounds which are JAK inhibitors  
(51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )
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(62) 2015261812  
(72) Zak, Mark Edward; Ray, Nicholas Charles; Goodacre, Simon Charles; Mendonca, Rohan; Kellar, Terry; Cheng, Yun-Xing; Li, Wei; Yuen, Po-wai  
(74) Spruson & Ferguson
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- (71) F. Hoffmann-La Roche AG  
(11) AU-A-2019257457  
(21) 2019257457 (22) 30.10.2019

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(54) Bicyclic compounds as autotaxin (ATX) and lysophosphatidic acid (LPA) production inhibitors

(51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )

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(62) 2015238537  
(72) DI GIORGIO, Patrick; HERT, Jerome; HUNZIKER, Daniel; KUEHNE, Holger; MATTEI, Patrizio; RUDOLPH, Markus  
(74) Spruson & Ferguson

(71) Fasetto, Inc.  
(11) AU-A-2019257398  
(21) 2019257398 (22) 29.10.2019  
(54) Systems and methods for message editing

(51) Int. Cl.  
**H04L 12/58** ( 2006.01 )

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(62) 2015287705  
(72) CHRISTMAS, Coy; MALPASS, Luke  
(74) Spruson & Ferguson

(71) FiberLean Technologies Limited  
(11) AU-A-2019257445  
(21) 2019257445 (22) 30.10.2019  
(54) 3D-formable sheet material

(51) Int. Cl.  
**C08K 3/26** ( 2006.01 )  
**C08L 1/02** ( 2006.01 )

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(62) 2016339066  
(72) HUNZIKER, Philipp; GANE, Patrick; KRITZINGER, Johannes; SCHENKER, Michel  
(74) Spruson & Ferguson

(71) FiberLean Technologies Limited  
(11) AU-A-2019257454  
(21) 2019257454 (22) 30.10.2019  
(54) Re-dispersed microfibrillated cellulose

(51) Int. Cl.  
**D21H 11/18** ( 2006.01 )  
**D21H 17/25** ( 2006.01 )  
**D21H 17/69** ( 2006.01 )  
**D21H 19/10** ( 2006.01 )  
**D21H 19/38** ( 2006.01 )

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(74) Spruson & Ferguson

(71) Field, L.  
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(21) 2019257496 (22) 31.10.2019  
(54) Water conservation using floating optically-reflective devices

(51) Int. Cl.  
**A01G 15/00** ( 2006.01 )

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(62) 2015350038  
(72) Field, Leslie  
(74) FB Rice Pty Ltd

(71) FMC Corporation  
(11) AU-A-2019203141  
(21) 2019203141 (22) 03.05.2019  
(54) Herbicidal combinations and methods of controlling weeds

(51) Int. Cl.  
**A01N 33/08** ( 2006.01 )  
**A01N 33/18** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )

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(74) Watermark Intellectual Property Pty Ltd

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Gateway Autoart Limited  
(21) 2018205163

(71) Gateway Autoart Limited; Gateway Autoart Japan Corporation  
(11) AU-A-2018205163  
(21) 2018205163 (22) 12.07.2018  
(54) Hinge mechanism for a door of a model car

(51) Int. Cl.  
**A63H 17/26** ( 2006.01 )  
**E05D 3/02** ( 2006.01 )  
(31) 201810425901.3 (32) 07.05.18 (33) CN  
(43) 21.11.2019  
(72) Kwan, Kelvin Yuet-Ming  
(74) Davies Collison Cave Pty Ltd

(71) GENENTECH, INC.  
(11) AU-A-2019257492  
(21) 2019257492 (22) 31.10.2019  
(54) Novel compositions and methods for the treatment of immune related diseases

(51) Int. Cl.  
**A61P 37/02** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/564** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )

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(72) CLARK, Hilary; EATON, Dan; GONZALEZ JR., Lino; GROGAN, Jane L.; HACKNEY, Jason; HARDEN, Kristin D.; YU, Xin  
(74) Griffith Hack

(71) GEN-PROBE INCORPORATED  
(11) AU-A-2019257486  
(21) 2019257486 (22) 31.10.2019  
(54) Sample testing systems and methods with automated cleaning

(51) Int. Cl.

**B08B 11/00** ( 2006.01 )  
**B08B 1/00** ( 2006.01 )  
**B08B 9/00** ( 2006.01 )  
**G01N 21/03** ( 2006.01 )  
**G01N 21/15** ( 2006.01 )

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(62) 2016245963  
(72) HAGEN, Norbert D.; KNIGHT, Byron J.; OPALSKY, David  
(74) Griffith Hack

(71) GEN-PROBE INCORPORATED  
(11) AU-A-2019257511  
(21) 2019257511 (22) 31.10.2019  
(54) Apparatus for indexing and agitating fluid containers

(51) Int. Cl.  
**B01F 11/00** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**G01N 35/04** ( 2006.01 )  
**G01N 35/00** ( 2006.01 )

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(72) BUSE, David Aaron; KNIGHT, Byron J.  
(74) Griffith Hack

(71) Google LLC  
(11) AU-A-2019257477  
(21) 2019257477 (22) 31.10.2019  
(54) Efficient live-migration of remotely accessed data

(51) Int. Cl.  
**G06F 9/50** ( 2006.01 )  
(43) 21.11.2019  
(62) 2016398043  
(72) SANDERSON, Tyler  
(74) Spruson & Ferguson

(71) Greatcell Energy Pty Ltd  
(11) AU-A-2019257470  
(21) 2019257470 (22) 31.10.2019  
(54) A Photovoltaic Device

(51) Int. Cl.  
**H01L 51/42** ( 2006.01 )  
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(62) 2014317801  
(72) CAI, Zhihong; DESILVESTRO, Hans; JIANG, Nancy  
(74) Adams Pluck

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2019257433  
(21) 2019257433 (22) 30.10.2019  
(54) Device, method and graphic user interface used to move application interface element

(51) Int. Cl.  
**G06F 3/048** ( 2006.01 )  
(43) 21.11.2019  
(62) 2014415879  
(72) LI, Xiaojuan; GAO, Wenmei; WANG, Yahui; QIN, Chao; QIAN, Kai  
(74) Watermark Intellectual Property Pty Ltd

(71) Hubbell Incorporated  
(11) AU-A-2019257484

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 (54) Side break air switch with anti-rolling blade lock  
 (51) Int. Cl.  
*H01H 1/42* ( 2006.01 )  
*H01H 1/48* ( 2006.01 )  
*H01H 1/52* ( 2006.01 )  
*H01H 31/04* ( 2006.01 )  
*H01H 31/08* ( 2006.01 )  
*H01H 31/28* ( 2006.01 )  
*H01H 31/30* ( 2006.01 )  
*H01H 33/42* ( 2006.01 )  
*H01H 33/46* ( 2006.01 )  
 (43) 21.11.2019  
 (62) 2016338437  
 (72) RHEIN, David Adelbert; LOUCKS, Nathan Scot  
 (74) Griffith Hack
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- (71) IGT  
 (11) AU-A-2019202975  
 (21) 2019202975 (22) 29.04.2019  
 (54) Wireless User Interface Elements for Gaming Devices  
 (51) Int. Cl.  
*A63F 13/327* ( 2014.01 )  
*G07F 17/32* ( 2006.01 )  
 (31) 15/967,701 (32) 01.05.18 (33) US  
 (43) 21.11.2019  
 (72) Jones, Scott  
 (74) Clark Intellectual Property Pty Ltd
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- (71) IGT  
 (11) AU-A-2019203068  
 (21) 2019203068 (22) 01.05.2019  
 (54) SYSTEM AND METHOD FOR UTILIZING MOBILE DEVICE TO TRACK GAMING DATA  
 (51) Int. Cl.  
*A63F 13/79* ( 2014.01 )  
 (31) 15/970,310 (32) 03.05.18 (33) US  
 (43) 21.11.2019  
 (72) Miri, Sina; Davis, Dwayne A.; Higgins, Kevin; Levin, Matt Christopher; Petersen, Erik  
 (74) Phillips Ormonde Fitzpatrick
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- (71) IMAGINEERED PTY LTD  
 (11) AU-A-2019200776  
 (21) 2019200776 (22) 05.02.2019  
 (54) A covering device  
 (51) Int. Cl.  
*F16L 55/24* ( 2006.01 )  
*E04D 13/08* ( 2006.01 )  
*F16L 45/00* ( 2006.01 )  
*F24F 13/22* ( 2006.01 )  
 (31) 2018901468 (32) 02.05.18 (33) AU  
 (43) 21.11.2019  
 (72) Crampton, Darren  
 (74) LAMINAR IP PTY LTD
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- (71) Innopharma, Inc.  
 (11) AU-A-2019257508  
 (21) 2019257508 (22) 31.10.2019  
 (54) Process of manufacturing a stable, ready to use infusion bag for an oxidation sensitive formulation
- (51) Int. Cl.  
*A61J 1/10* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 31/167* ( 2006.01 )  
*A61L 2/07* ( 2006.01 )  
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 (72) Stott, Adrian; Stott, Katrina; Revie,  
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 (54) Autonomous flying fox roost monitoring  
 and low-force sprinkler cooling system  
 based on AI, ML, and LPWAN (SigFox,  
 LoRaWAN, NB IoT)  
 (51) Int. Cl.  
*G01W 1/02* ( 2006.01 )  
*A01K 13/00* ( 2006.01 )  
 (45) 21.11.2019  
 (72) Bashir, Afnan; Bishop, Tania  
 (74) Afnan Bashir

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 (11) AU-A-2019101226  
 (21) 2019101226 (22) 07.10.2019  
 (54) Virtual Clothes Try-On Avatar - see how  
 clothes from an online retailer would fit  
 on a customisable avatar  
 (51) Int. Cl.  
*G06T 13/40* ( 2011.01 )  
*G06Q 30/02* ( 2012.01 )  
*G06Q 30/06* ( 2012.01 )

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 (72) Basta, John  
 (74) John Basta

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(71) Ben Meir, I.  
 (11) AU-A-2019101230  
 (21) 2019101230 (22) 08.10.2019  
 (54) Bi-directional device and methods of its  
 use  
 (51) Int. Cl.  
*A63B 5/11* ( 2006.01 )  
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 (45) 21.11.2019  
 (62) 2016407744  
 (72) Ben Meir, Ilan  
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 (21) 2019101231

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(71) Building Environment Solutions Pty Ltd  
 (11) AU-A-2019101242  
 (21) 2019101242 (22) 11.10.2019  
 (54) Filtration System and Method  
 (51) Int. Cl.  
*B01D 46/10* ( 2006.01 )  
*F24F 3/16* ( 2006.01 )  
 (45) 21.11.2019  
 (72) Webster, Daniel Richard  
 (74) Griffith Hack

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(71) CATERPILLAR INC.  
 (11) AU-A-2019101246  
 (21) 2019101246 (22) 14.10.2019  
 (54) MODULAR STEEL WIREGUARD  
 WITH GUSSETS  
 (51) Int. Cl.  
*B60B 7/08* ( 2006.01 )  
*B60B 7/04* ( 2006.01 )  
*B60S 1/68* ( 2006.01 )  
*E02D 3/026* ( 2006.01 )  
 (31) 16/160,049 (32) 15.10.18 (33) US  
 (45) 21.11.2019  
 (72) PIERCE, Daniel J.  
 (74) FPA Patent Attorneys Pty Ltd

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 Telecommunications  
 (11) AU-A-2019101229  
 (21) 2019101229 (22) 08.10.2019  
 (54) A privacy-preserving authentication  
 method for VANETS  
 (51) Int. Cl.  
*H04W 12/02* ( 2009.01 )  
*H04L 9/08* ( 2006.01 )  
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 (72) Zhou, Yousheng; Zhao, Xiaofeng  
 (74) Chongqing University of Posts and  
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 (11) AU-A-2019101211  
 (21) 2019101211 (22) 03.10.2019  
 (54) Pet Food Dispenser  
 (51) Int. Cl.  
*A01K 5/01* ( 2006.01 )  
 (31) 2019902851 (32) 09.08.19 (33) AU  
 (45) 21.11.2019  
 (72) IANNELLA, Peter; IANNELLA, Michael;  
 IANNELLA, Paul  
 (74) Arceo IP

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(71) D.I.T Technologies Ltd  
 (11) AU-A-2019101215  
 (21) 2019101215 (22) 04.10.2019  
 (54) Compositions for Administration to Ru-  
 minant Animals  
 (51) Int. Cl.  
*A23K 50/15* ( 2016.01 )  
*A23K 20/105* ( 2016.01 )  
*A23K 20/20* ( 2016.01 )  
*A23K 20/24* ( 2016.01 )  
*A23K 20/26* ( 2016.01 )  
 (31) 2019900281 (32) 31.01.19 (33) AU  
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 (45) 21.11.2019  
 (72) Feez, Thomas Robinson; Peart, Mark  
 Rawlinson; Wood, Anthony David  
 (74) Michael Buck IP

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(71) DESUNG ELECTRICAL CO.,LTD  
 (11) AU-A-2019101240  
 (21) 2019101240 (22) 11.10.2019  
 (54) LIQUID HEATER  
 (51) Int. Cl.  
*A47J 27/21* ( 2006.01 )  
 (45) 21.11.2019  
 (72) Xiangxiao, He  
 (74) Remarkable IP

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(71) Dream Lot Pty Ltd.  
 (11) AU-A-2019101058  
 (21) 2019101058 (22) 13.09.2019  
 (54) Property Management System  
 (51) Int. Cl.  
*G06Q 50/16* ( 2012.01 )  
*G06F 16/20* ( 2019.01 )  
*G06Q 30/06* ( 2012.01 )  
 (45) 21.11.2019  
 (72) Luo, Hao; Luo, Chunyan  
 (74) LEGALVISION ILP PTY. LTD.



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 (11) AU-A-2019101238  
 (21) 2019101238 (22) 10.10.2019  
 (54) IMPROVED EXHAUST SYSTEM  
 (51) Int. Cl.  
*E04F 17/02* ( 2006.01 )  
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 (45) 21.11.2019  
 (72) Flanigan, Penny  
 (74) Michael Buck IP

(71) Hunt, D.  
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 (54) Sprinkler  
 (51) Int. Cl.  
*B05B 1/00* ( 2006.01 )  
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 (72) Hunt, David  
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 (11) AU-A-2019101228  
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 (54) Vehicle Switching System  
 (51) Int. Cl.  
*B60R 16/03* ( 2006.01 )  
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 (51) Int. Cl.  
*B60T 7/22* ( 2006.01 )  
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 (72) Lowe, Thomas Jeffrey  
 (74) Halfords IP

(71) Make Good Decisions Pty Ltd  
 (11) AU-A-2019101217  
 (21) 2019101217 (22) 04.10.2019  
 (54) A sign  
 (51) Int. Cl.  
*G09F 7/18* ( 2006.01 )  
 (31) 2018903914 (32) 16.10.18 (33) AU  
 (45) 21.11.2019  
 (72) Rawstron, Amanda  
 (74) WADESON

(71) Nanjing Normal University  
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 (21) 2018102145 (22) 12.10.2018  
 (54) Method of establishing English geographical name index and querying method and apparatus thereof  
 (51) Int. Cl.  
*G06F 16/909* ( 2019.01 )  
 (31) 201810945986.8 (32) 20.08.18 (33) CN

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 (72) Zhang, Xueying; Ye, Peng; Du, Mi  
 (74) Shelston IP Pty Ltd.

(71) One Stop Marketing Solutions Pty Ltd  
 (11) AU-A-2019101232  
 (21) 2019101232 (22) 08.10.2019  
 (54) Composite Panel  
 (51) Int. Cl.  
*B32B 7/12* ( 2006.01 )  
*B32B 13/00* ( 2006.01 )  
*C04B 28/30* ( 2006.01 )  
*E04F 13/02* ( 2006.01 )  
 (45) 21.11.2019  
 (62) PCT/AU2018/050381  
 (72) Marskell, Stephen John  
 (74) Michael Buck IP

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 (21) 2019101233

(71) Shenzhen Yikou Paper Products Co., Ltd  
 (11) AU-A-2019101236  
 (21) 2019101236 (22) 09.10.2019  
 (54) AN AUTOMATIC ASSEMBLY EXHIBITION SHELF  
 (51) Int. Cl.  
*A47F 5/11* ( 2006.01 )  
 (45) 21.11.2019  
 (72) He, Jia  
 (74) Ran Tao

(71) Stanfred Metal Products Pty Ltd  
 (11) AU-A-2019101227  
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 (54) A Vehicle Ramp  
 (51) Int. Cl.  
*B66F 7/24* ( 2006.01 )  
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 (72) Shephard, Andrew John  
 (74) Anderson IP

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 (21) 2019101233

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 (54) BRUSHLESS MOTOR  
 (51) Int. Cl.  
*H02K 29/00* ( 2006.01 )  
 (45) 21.11.2019  
 (72) LEE, Hei Man Raymond; WANG, Nan; LI, Zheng; WANG, Li Feng  
 (74) Griffith Hack

(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
 (11) AU-A-2018102142  
 (21) 2018102142 (22) 08.08.2018  
 (54) Backpack blower  
 (51) Int. Cl.  
*A01G 20/47* ( 2018.01 )  
*A01G 20/43* ( 2018.01 )  
*A47L 5/14* ( 2006.01 )  
 (31) 62/570,584 (32) 10.10.17 (33) US  
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 (74) Griffith Hack

(71) University of South China  
 (11) AU-A-2019101235  
 (21) 2019101235 (22) 09.10.2019  
 (54) LEAD-COOLED FAST REACTOR WASTE HEAT REMOVAL SYSTEM AND METHOD  
 (51) Int. Cl.  
*G21C 15/12* ( 2006.01 )  
*G21C 9/00* ( 2006.01 )  
*G21C 15/18* ( 2006.01 )  
 (31) 201910276050.5 (32) 08.04.19 (33) CN  
 (45) 21.11.2019  
 (72) ZHANG, Qiucui; CHEN, Yifan; LIU, Jiani; LUO, Wenwei; CHEN, Lin; HU, Fangjun; HUANG, Linqin; CHU, Zhihao; HE, Yilin; ZHANG, Liqiang; LI, Suzhe; XIONG, Zhongxiang  
 (74) INNOFY PTY LTD

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 (11) AU-A-2019101237  
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 (51) Int. Cl.  
*G06Q 40/04* ( 2012.01 )  
*G06Q 40/02* ( 2012.01 )  
 (31) 1816517.5 (32) 09.10.18 (33) GB  
 (45) 21.11.2019  
 (72) WIJETUNGE, HAROLD PRIANNE ANURATH  
 (74) HAROLD PRIANNE ANURATH WIJETUNGE

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PCT applications which have entered the National Phase

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- . (\*) Title not in Roman characters
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 (11) AU-A-2018255726  
 (21) 2018255726 (22) 17.04.2018  
 (54) Energy control coatings, structures, devices, and methods of fabrication thereof  
 (51) Int. Cl.  
     **G02B 1/10** ( 2015.01 )  
     **B32B 7/02** ( 2006.01 )  
     **B32B 37/02** ( 2006.01 )  
     **B60J 3/04** ( 2006.01 )  
     **B82Y 20/00** ( 2011.01 )  
     **G02B 1/12** ( 2006.01 )  
     **G02B 5/20** ( 2006.01 )  
     **H05B 3/84** ( 2006.01 )  
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 (31) 62/486,351 (32) 17.04.17 (33) US  
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 (72) Shea, Daniel P.; Ye, Yufeng; Balakrishnan, Sai Shankar; Kherani, Nazir Pyarali; Fomichev, Stepan Olegovich; Ko, Remy Howard Haoching  
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(71) Iiiii Innovations Inc  
 (11) AU-A-2018262364  
 (21) 2018262364 (22) 30.04.2018  
 (54) Sticker location device and associated methods  
 (51) Int. Cl.  
     **G01D 21/00** ( 2006.01 )  
     **G01B 21/32** ( 2006.01 )  
     **H04W 4/12** ( 2009.01 )  
     **H04W 64/00** ( 2009.01 )  
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 (31) 62/492,565 (32) 01.05.17 (33) US  
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 (72) Fyfe, Kipling William; Chan, Billy Cheuk Wai; Fyfe, Ken  
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 (21) 2018260194 (22) 25.04.2018  
 (54) Method and device for producing riblets  
 (51) Int. Cl.  
     **B23K 26/00** ( 2014.01 )  
     **B23K 26/067** ( 2006.01 )  
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     **B23K 26/352** ( 2014.01 )  
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 (87) WO2018/197555  
 (31) 10 2017 206 968.6 (32) 26.04.17 (33) DE  
 (43) 01.11.2018  
 (72) Jetter, Heinz Leonhard; Dyck, Tobias  
 (74) Griffith Hack

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 (21) 2018268375 (22) 10.05.2018  
 (54) Compositions containing systems of release of carbon dioxide obtained from plant juices  
 (51) Int. Cl.  
     **A61K 9/02** ( 2006.01 )  
     **A61K 9/14** ( 2006.01 )  
     **A61K 9/19** ( 2006.01 )  
     **A61K 9/46** ( 2006.01 )  
     **A61K 47/36** ( 2006.01 )  
     **A61K 47/46** ( 2006.01 )  
 (87) WO2018/211372  
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     **C07C 233/36** ( 2006.01 )  
     **A61K 31/7105** ( 2006.01 )  
     **A61K 47/54** ( 2017.01 )  
     **A61K 47/69** ( 2017.01 )  
     **C07C 235/10** ( 2006.01 )  
     **C07C 237/06** ( 2006.01 )  
     **C07C 237/08** ( 2006.01 )  
     **C12N 15/88** ( 2006.01 )  
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 (31) 62/546,227 (32) 16.08.17 (33) US  
     62/595,497 06.12.17 US  
     62/491,664 28.04.17 US  
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 (74) Davies Collison Cave Pty Ltd

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 (54) Anti-TIGIT antibodies and methods of use thereof  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
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 (51) Int. Cl.  
     **H04R 7/02** ( 2006.01 )  
     **H04R 1/28** ( 2006.01 )  
     **H04R 7/16** ( 2006.01 )  
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 (72) Bösnecker, Robert  
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 (11) AU-A-2018249607  
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 (54) Distributed network for the secured collection, analysis, and sharing of data across platforms  
 (51) Int. Cl.  
     **G16H 10/60** ( 2018.01 )  
     **G16H 20/10** ( 2018.01 )  
     **G16H 40/20** ( 2018.01 )  
     **G16H 50/20** ( 2018.01 )  
     **G16H 50/70** ( 2018.01 )  
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 (31) 62/482,648 (32) 06.04.17 (33) US  
 (43) 11.10.2018  
 (72) Jooste, H. Leroux; Gavin, Mae-Ellen; Zibell, Kristin; Omernick, Matthew; Steinmetz, Jeffrey  
 (74) Adams Pluck

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(71) Alibaba Group Holding Limited  
 (11) AU-A-2018323233  
 (21) 2018323233 (22) 29.08.2018  
 (54) Resource transfer method, fund payment method and apparatus, and electronic device  
 (51) Int. Cl.  
     **G06Q 20/40** ( 2012.01 )  
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 (21) 2018248073 (22) 09.04.2018  
 (54) Behind-the-meter system and method for controlled distribution of solar energy in multi-unit buildings  
 (51) Int. Cl.  
     **H02J 3/38** ( 2006.01 )

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**(87)** WO2018/184076  
**(31)** 2017905018 **(32)** 15.12.17 **(33)** AU  
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**(43)** 11.10.2018  
**(72)** Knox, Cameron; Ting, Tian  
**(74)** BOSH IP Pty Ltd

**(71)** Amgen Inc.  
**(11)** AU-A-2018273356  
**(21)** 2018273356 **(22)** 21.05.2018  
**(54)** KRAS G12C inhibitors and methods of using the same

**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(43)** 29.11.2018  
**(72)** Lanman, Brian Alan; Chen, Jian; Reed, Anthony B.; Cee, Victor J.; Liu, Longbin; Kopecky, David John; Lopez, Patricia; Wurz, Ryan Paul; Nguyen, Thomas T.; Booker, Shon; Nishimura, Nobuko; Shin, Youngsook; Tamayo, Nuria A.; Allen, John Gordon; Allen, Jennifer Rebecca  
**(74)** Spruson & Ferguson

**(71)** Amgen Inc.  
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A61H 23/04 ( 2006.01 )  
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C25B 1/10 ( 2006.01 )  
C25B 9/20 ( 2006.01 )  
H01M 8/04082 ( 2016.01 )  
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F16L 35/00 ( 2006.01 )  
F16L 37/08 ( 2006.01 )  
F16L 55/11 ( 2006.01 )  
F16L 55/115 ( 2006.01 )  
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C07K 16/28 ( 2006.01 )  
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A61P 31/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
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B29C 64/106 ( 2017.01 )  
B33Y 40/00 ( 2015.01 )  
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C07D 311/30 ( 2006.01 )

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*B65D 81/20* ( 2006.01 )  
*B65D 88/74* ( 2006.01 )  
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 G06F 1/16 (2006.01)  
 H04W 4/02 (2018.01)  
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**H04W 76/19** ( 2018.01 )  
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**H04M 1/66** ( 2006.01 )  
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**A61K 9/19** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C12N 15/56** ( 2006.01 )  
**C07K 14/37** ( 2006.01 )  
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**(51)** Int. Cl.  
**A23C 9/12** ( 2006.01 )  
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**A61K 31/702** ( 2006.01 )  
**C07H 3/06** ( 2006.01 )
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**C12P 19/14** ( 2006.01 )  
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**(54)** A fixing, kit, and method  
**(51)** Int. Cl.  
**F16B 13/08** ( 2006.01 )  
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**(54)** Gene therapy  
**(51)** Int. Cl.  
**C07K 7/64** ( 2006.01 )  
**A61K 35/28** ( 2015.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 5/0789** ( 2010.01 )  
**C12N 15/69** ( 2006.01 )  
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**(51)** Int. Cl.  
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**A61K 31/405** ( 2006.01 )  
**A61K 35/15** ( 2015.01 )  
**A61K 38/21** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
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**C12N 5/10** ( 2006.01 )  
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*C12P 7/52* ( 2006.01 )  
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2017414123	JGC Corporation; NGK Insulators, Ltd.	2018251941	BEA SA
2017414388	ZTE Corporation	2018251949	Institut Gustave Roussy
2017415318	Visa International Service Association	2018252003	Galera Labs, LLC
2017415655	Sami Labs Limited	2018252197	Bhogal, P.
2017420382	Johnson, A.	2018252201	Rheinmetall Chempro GmbH
2017420387	Cubic Corporation	2018252625	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
2017420683	Halliburton Energy Services, Inc.	2018253351	BEA SA
2017421179	Certis Cisco Security Pte Ltd	2018253926	H-TEC Systems GmbH
2017423697	Telefonaktiebolaget LM Ericsson (publ)	2018253931	CSL Behring AG
2017430141	KOMPOFERM GmbH	2018253958	Ospedale San Raffaele S.r.l.; Fondazione Telethon
2017436554	Nanohana Commercial Co., Ltd.	2018253959	Ospedale San Raffaele S.r.l.; Fondazione Telethon
2018241230	Environment Partners Pty Ltd	2018253963	Sita Advanced Travel Solutions Limited
2018241250	LaserBond Limited	2018254252	The University of British Columbia
2018241523	Eteros Technologies Inc.	2018254323	Nokia Technologies Oy
2018243151	Furukawa Electric Co., Ltd.	2018254542	Kindred Biosciences, Inc.
2018243746	Nottingham Spirk Design Associates, Inc.	2018254566	Baylor College of Medicine
2018243749	Epizyme, Inc.	2018254602	bioMerieux, Inc.
2018243781	Pied Parker, Inc.	2018254603	bioMerieux, Inc.
2018243836	Axial Biotherapeutics, Inc.	2018254604	bioMerieux, Inc.
2018243837	Hipsley, A.	2018254634	Rivas, J.
2018244146	Peafowl Solar Power AB	2018254734	Galeid Ltd
2018244172	Philip Morris Products S.A.	2018255113	T-Cap IP B.V.
2018244173	Philip Morris Products S.A.	2018255160	Baker Hughes, a GE Company, LLC
2018244451	Bristol-Myers Squibb Company	2018255165	Caterpillar Inc.
2018244769	Wang, K.	2018255192	Step Analysis LLC
2018244806	LDN Pharma Limited	2018255209	Baker Hughes, a GE Company LLC
2018244813	Nugent, S.	2018255726	3E Nano Inc.
2018244916	Bristol-Myers Squibb Company	2018255908	SABIC Global Technologies B.V.
2018244925	The Curators of the University of Missouri	2018256256	Yuhan Corporation
2018246293	Philip Morris Products S.A.	2018256431	Paras, B.
2018247142	Trivikram	2018256877	Acuitas Therapeutics, Inc.
2018247555	Shenyang Fuyang Pharmaceutical Technology Co., Ltd.	2018257296	Ishihara Sangyo Kaisha, Ltd.
2018247567	Fouche, M.	2018257307	Kyoto University; Takeda Pharmaceutical Company Limited
2018247570	Smart Utility Networks Pty Ltd	2018257486	Rheinmetall Electronics GmbH
2018247584	University Health Network; Bagnato, V.	2018257648	Manufacturing Resources International, Inc.
2018248073	Allume Energy Pty Ltd	2018257739	Raytheon Company
2018248137	Yeda Research and Development Co. Ltd.	2018257774	Whoop, Inc.
2018248418	Gelesis, LLC	2018257885	Bedgear, LLC
2018248422	Anti-Plasmin Technologies, LLC	2018258158	Ischemix LLC
2018248483	Toho Tenax Europe GmbH; Toho Tenax Co. Ltd.	2018258236	IRISS Holdings, Inc.
2018248766	Daktronics, Inc.	2018258497	Manufacturing Resources International, Inc.
2018248769	Daktronics, Inc.	2018258580	Avellino Lab USA, Inc.
2018248792	Maskinfabrik Dahl Engineering V/Claus Dahl Pedersen	2018259006	FN Herstal S.A.

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2018259162	The Flinders University of South Australia	2018265353	Zogenix International Limited
2018260194	4JET Microtech GmbH & Co. KG	2018265371	Chevron U.S.A. Inc.
2018260475	HPG AS	2018265372	Chevron U.S.A. Inc.
2018260604	P.S. Creations LLC	2018265411	Axsome Therapeutics, Inc.
2018260646	Buck Institute for Research on Aging	2018265412	Lyft, Inc.
2018260722	Aruze Gaming (Hong Kong) Limited	2018265476	BASF SE
2018260992	Regeneron Pharmaceuticals, Inc.	2018265494	Distalmotion SA
2018261253	Motorola Solutions, Inc.	2018265748	CPR Group Australia Pty Ltd
2018261338	Dow AgroSciences LLC	2018265749	The Blooms Group Australia Pty Ltd
2018261340	Dow AgroSciences LLC	2018265750	Industrial Innovations Pty Ltd
2018261341	Dow AgroSciences LLC	2018265774	Sunbeam Corporation Pty Ltd
2018261342	Dow AgroSciences LLC	2018265869	The Children's Hospital of Philadelphia
2018261343	Dow AgroSciences LLC	2018265888	Memorial Sloan-Kettering Cancer Center; Y-Mabs Therapeutics, Inc.
2018261369	Illinois Tool Works Inc.		
2018261585	BAE Systems Information and Electronic Systems Integration Inc.	2018266111	Flagship Pioneering Innovations V, Inc.
		2018266284	Apple Inc.
2018261601	InterDigital Patent Holdings, Inc.	2018266290	Ultra Premium Services, L.L.C.
2018261718	Motorola Solutions, Inc.	2018266409	Koninklijke Douwe Egberts B.V.
2018261756	Sorgente, N.; Thumann, G.	2018266410	Koninklijke Douwe Egberts B.V.
2018261769	University of Florida Research Foundation, Incorporated; The Regents of The University of California	2018266453	ChannelFix.com LLC
		2018266710	Claudia, S.
2018261869	Trivida Health, Inc.	2018266741	Synhelion SA
2018261891	Memorial Sloan Kettering Cancer Center	2018266817	Analgesic Solutions
2018262108	The University of Melbourne	2018266839	Mango, M.B.
2018262244	VKR Holding A/S	2018266848	Augmanity Nano Ltd
2018262323	National University of Singapore; Singapore Health Services Pte Ltd	2018267129	Tokuyama Dental Corporation
		2018267280	BAE Systems Plc
2018262331	SCIPIO BIOSCIENCE	2018267709	Tresvertol Inc.
2018262360	Goglio S.p.A.	2018267924	Syngenta Participations AG
2018262364	4iiii Innovations Inc	2018268375	Aboca S.p.A Società Agricola
2018262456	Uber Technologies, Inc.	2018268420	Novartis AG
2018262478	FMC Corporation	2018269045	Shalon, T.
2018262500	National Oilwell Varco, L.P.	2018269049	Expansive, Inc.
2018262520	CR Packaging LLC	2018269060	Rhodia Operations
2018262528	Glenmark Pharmaceuticals S.A.	2018269083	Hutchison MediPharma Limited
2018262533	Scopis GmbH	2018269112	Smith & Nephew plc
2018262536	Telefonaktiebolaget LM Ericsson (publ)	2018269113	Smith & Nephew plc
2018262805	Follicum AB	2018269163	MUSC Foundation for Research Development
2018262942	Qingdao Haier Joint Stock Co., Ltd	2018269238	Apple Inc.
2018263153	MetaFLO Technologies Inc.	2018269304	Hamlet Pharma AB
2018263255	Peinemann Equipment B.V.	2018269327	Novozymes A/S
2018263343	Compagnie Generale des Etablissements Michelin	2018269362	Wisconsin Alumni Research Foundation; University of Leiden; University of Chicago
2018263344	Compagnie Generale des Etablissements Michelin		
2018263392	The University of British Columbia	2018269364	Smith & Nephew, Inc.
2018263399	Effect Parking Limited (Hong Kong)	2018269380	Aronson, J.
2018263512	Telefonaktiebolaget LM Ericsson (publ)	2018269497	Tchibo GmbH
2018263812	Schmitz, B.; Zwick, C.; Zwick, R.	2018269694	Kurz Digital Solutions GmbH & Co. KG
2018263857	Agenus Inc.	2018269996	Eisai R&D Management Co., Ltd.
2018263862	Merck Sharp & Dohme Corp.	2018270075	Oxford Nanopore Technologies Limited; VIB vzw; Vrije Universiteit Brussel
2018263885	Earth Networks, Inc.		
2018263887	Juno Therapeutics, Inc.	2018271112	AMVAC C.V.
2018263924	CyDex Pharmaceuticals, Inc.	2018271140	Iamadillo Pty Ltd
2018263942	Deadman, LLC	2018271755	Green Cross Lab Cell Corporation
2018263965	Intezyne Technologies, Inc.; Vojkovsky, T.; Sill, K.; Carie, A.	2018271846	Gen9, Inc.
		2018271861	Kellogg Company
2018263972	LSI Solutions, Inc.	2018272023	Whitcup, S.; Yang, R.; Ni, J.
2018264463	Novozymes A/S	2018272381	Constantia Teich GmbH
2018264580	Casale SA	2018272784	SAF-HOLLAND GmbH
2018264672	BASF SE	2018272903	BASF SE
2018264974	BASF SE	2018273041	Visa International Service Association
2018265002	Bell Sports, Inc.	2018273068	Weatherford Technology Holdings LLC
2018265022	The Regents of the University of California	2018273256	Dana Heavy Vehicle Systems Group, LLC
2018265052	Smith & Nephew plc	2018273348	Cytosorbents Corporation
2018265087	Clariant International Ltd	2018273356	Amgen Inc.
2018265136	BASF SE	2018273789	MICRO-X Limited
2018265218	Gambro Lundia AB	2018273825	Commonwealth Scientific and Industrial Research Organisation
2018265241	argenx BVBA; Université Catholique de Louvain		
2018265262	Sunpower Corporation	2018274073	Cockerill Maintenance & Ingénierie S.A.
2018265303	PharmaPrint Limited LLC	2018274100	Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven
2018265326	Sandvik Intellectual Property AB		
2018265328	Sandvik Intellectual Property AB	2018274699	Geomec Engineering Limited
2018265338	GEA Food Solutions Bakel B.V.	2018274700	Geomec Engineering Limited

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<b>2018275549</b>	The University of North Carolina at Chapel Hill	<b>2018357499</b>	Sichuan Provincial People's Hospital
<b>2018275664</b>	Mars, Incorporated	<b>2018359670</b>	Illumina, Inc.
<b>2018275723</b>	Siemens Aktiengesellschaft	<b>2018373743</b>	Qingdao University of Technology
<b>2018275751</b>	B.R.A.I.N. Biotechnology Research and Information Network AG	<b>2018381738</b>	Qingdao University of Technology; University of Southern California
<b>2018275847</b>	Casale SA	<b>2018386714</b>	Blockchain It Solutions Pty Ltd
<b>2018277165</b>	Medacta International SA	<b>2018391659</b>	Thule Sweden AB
<b>2018277525</b>	Tyco Fire Products LP	<b>2018402458</b>	Henan Polytechnic University
<b>2018277526</b>	Tyco Fire Products LP	<b>2018408668</b>	China University of Mining and Technology
<b>2018277562</b>	Epiroc Holdings South Africa (Pty) Ltd	<b>2018419491</b>	E.L.I (Environment Laboratory Impact) Services Pte. Ltd.
<b>2018278106</b>	DePuy Synthes Products, Inc.	<b>2019207910</b>	Stem Arts Projects, LLC
<b>2018278249</b>	Sika Technology AG	<b>2019212999</b>	Maersk Line A/S
<b>2018278321</b>	Pfizer Inc.	<b>2019213346</b>	Taylor Commercial Foodservice Inc.
<b>2018278422</b>	Eisai R&D Management Co., Ltd.	<b>2019218516</b>	I-Mab
<b>2018278691</b>	Sappi Biochemtech B.V.	<b>2019222943</b>	Apple Inc.
<b>2018278731</b>	Daewoong Pharmaceutical Co., Ltd.	<b>2019226120</b>	SKC Co., Ltd.; SKC Inc.
<b>2018278809</b>	Pfizer Inc.; Boston Medical Center Corporation	<b>2019251327</b>	Stem Arts Projects, LLC
<b>2018279078</b>	Trustees of Boston University	<b>2019253975</b>	Feroni S.p.A.
<b>2018279184</b>	Boehringer Ingelheim International GmbH		
<b>2018280059</b>	KCI USA, Inc.; Systagenix Wound Management, Limited		
<b>2018280166</b>	University Of Washington; Lawrence Livermore National Laboratory		
<b>2018281190</b>	The Gillette Company LLC		
<b>2018281876</b>	Ottobock SE & Co. KGaA		
<b>2018283356</b>	Panasonic Intellectual Property Corporation of America		
<b>2018284046</b>	Kemira Oyj		
<b>2018284047</b>	Kemira Oyj		
<b>2018284233</b>	Smith & Nephew, Inc.		
<b>2018284669</b>	Hochiki Corporation		
<b>2018285013</b>	Sandvik Mining and Construction Oy		
<b>2018285236</b>	Smith & Nephew plc		
<b>2018285478</b>	GEA TDS GmbH		
<b>2018287171</b>	Glykos Finland Oy		
<b>2018288604</b>	Amgen Inc.		
<b>2018288854</b>	Amgen Inc.		
<b>2018288933</b>	Daewoong Pharmaceutical Co., Ltd.		
<b>2018288975</b>	Cubic Corporation		
<b>2018289025</b>	New Relic, Inc.		
<b>2018289070</b>	Raytheon Company		
<b>2018290302</b>	Amgen Inc.		
<b>2018290532</b>	BeiGene, Ltd.		
<b>2018293033</b>	Societe des Produits Nestle S.A.		
<b>2018293056</b>	Hilti Aktiengesellschaft		
<b>2018294254</b>	Amgen Inc.		
<b>2018295426</b>	Gripple Limited		
<b>2018295822</b>	Qingdao Haier Joint Stock Co., Ltd		
<b>2018296605</b>	Hilti Aktiengesellschaft		
<b>2018296606</b>	Hilti Aktiengesellschaft		
<b>2018296831</b>	Electrolux Appliances Aktiebolag		
<b>2018297380</b>	Toocann International Pty Ltd		
<b>2018297906</b>	Joint-Stock Company «Axion - Rare-Earth And Noble Metals»; Federal State Autonomous Educational Institution of Higher Education «Ural Federal University Named after the First President of Russia B.N. Yeltsin»; Joint Stock Company «Dalur»		
<b>2018298307</b>	Hilti Aktiengesellschaft		
<b>2018298649</b>	Nihon Bisoh Co., Ltd.		
<b>2018299303</b>	Komatsu Ltd.		
<b>2018300485</b>	Guodian United Power Technology Company Ltd.		
<b>2018302834</b>	Yuyama Mfg. Co., Ltd.		
<b>2018303509</b>	China Enfi Engineering Corporation		
<b>2018303510</b>	China Enfi Engineering Corporation		
<b>2018307001</b>	IHI Corporation		
<b>2018310402</b>	Guangzhou Xaircraft Technology Co., Ltd.		
<b>2018317327</b>	Landmark Graphics Corporation		
<b>2018317398</b>	Spruce Biosciences, Inc.		
<b>2018318990</b>	Spruce Biosciences, Inc.		
<b>2018323233</b>	Alibaba Group Holding Limited		
<b>2018327222</b>	Innosparks Pte. Ltd.		
<b>2018342628</b>	Komatsu Ltd.		
<b>2018352789</b>	Qingdao University of Technology		

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2018241523	2018265749	2018247567	2018255192	2018249154	2018268420
<b><u>A01F 11 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A47B 37 /-</u></b>	2018257774	2018251604	2018279184
2018241523	2019213346	2018297380	2018261718	2018251949	2019218516
<b><u>A01G 25 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A47B 5 /-</u></b>	2018261869	2018254634	<b><u>A61K 45 /-</u></b>
2017363832	2018249127	2018247567	2018266817	2018256877	2018244806
<b><u>A01K 67 /-</u></b>	2018275664	<b><u>A47G 19 /-</u></b>	2018269112	2018258158	2018249154
2018357499	<b><u>A23K 20 /-</u></b>	<b><u>A47G 9 /-</u></b>	2018269113	2018260646	2018258158
<b><u>A01N 25 /-</u></b>	2018249127	2018255113	<b><u>A61B 90 /-</u></b>	2018262108	2018266848
2018265087	2018275664	2018257885	2018262533	2018262528	2018268420
2018267924	<b><u>A23K 50 /-</u></b>	<b><u>A47J 31 /-</u></b>	2018263972	2018263887	2018272023
<b><u>A01N 37 /-</u></b>	2018275664	2018255113	2018265494	2018263924	<b><u>A61K 47 /-</u></b>
2018267924	<b><u>A23L 19 /-</u></b>	2018267129	<b><u>A61C 13 /-</u></b>	2018263965	2018256877
<b><u>A01N 43 /-</u></b>	2018271861	<b><u>A61F 13 /-</u></b>	2018265353	2018265353	2018263862
2018257296	<b><u>A23L 25 /-</u></b>	<b><u>A61F 2 /-</u></b>	2018265411	2018265411	2018263924
2018261338	2018271861	201827410901	2018268420	2018268420	2018266111
2018261340	<b><u>A23L 29 /-</u></b>	2018269113	2018269083	2018269083	2018267709
2018261341	2018271861	2018280059	2018269327	2018269327	2018268375
2018261342	<b><u>A23L 3 /-</u></b>	2018284233	2018269996	2018269996	2018287171
2018261343	2018271861	2018285236	2018273356	2018273356	<b><u>A61K 48 /-</u></b>
2018262478	<b><u>A23L 29 /-</u></b>	<b><u>A47L 15 /-</u></b>	2018274100	2018274100	2018253958
2018267924	2018271861	2018260604	2018278422	2018278422	2018253959
<b><u>A01N 57 /-</u></b>	2018265338	<b><u>A47L 17 /-</u></b>	2018278731	2018278731	2018275549
2018265087	<b><u>A23L 33 /-</u></b>	2018260604	2018288933	2018288933	<b><u>A61K 49 /-</u></b>
<b><u>A01N 63 /-</u></b>	2018243836	<b><u>A47L 21 /-</u></b>	2018317398	2018317398	2018261891
2018259162	2018249127	2018260604	<b><u>A61K 33 /-</u></b>	<b><u>A61K 33 /-</u></b>	<b><u>A61K 51 /-</u></b>
<b><u>A01P 13 /-</u></b>	2018251694	<b><u>A61B 10 /-</u></b>	2018243836	2018243836	2018265888
2018267924	2018271861	2018269045	2018252003	2018252003	<b><u>A61K 49 /-</u></b>
<b><u>A01P 3 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A61B 17 /-</u></b>	2018263965	2018263965	2018261891
2018267924	2018271861	2017412462	<b><u>A61K 35 /-</u></b>	<b><u>A61K 35 /-</u></b>	<b><u>A61K 51 /-</u></b>
<b><u>A01P 5 /-</u></b>	<b><u>A24F 47 /-</u></b>	2017412615	2017415655	2017415655	2018265888
2018257296	2018244172	2018252197	2018249127	2018249127	<b><u>A61K 8 /-</u></b>
<b><u>A01P 7 /-</u></b>	2018244173	2018265494	2018253958	2018253958	2018248422
2018267924	2018246293	2018277165	2018253959	2018253959	2018251712
<b><u>A21D 8 /-</u></b>	<b><u>A41D 1 /-</u></b>	2018278106	2018254566	2018254566	<b><u>A61K 9 /-</u></b>
2018265136	2018261718	2018285236	2018262323	2018262323	2018258158
<b><u>A23B 4 /-</u></b>	<b><u>A41D 13 /-</u></b>	2018373743	2018263887	2018263887	2018263862
2019212999	2018247567	<b><u>A61B 18 /-</u></b>	2018265888	2018265888	2018268375
<b><u>A23C 9 /-</u></b>	<b><u>A42B 3 /-</u></b>	2018243837	2018278321	2018278321	2018268420
2018269327	2018261718	2018269364	<b><u>A61K 36 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>A61L 15 /-</u></b>
	<b><u>A43B 3 /-</u></b>	2018269163	2018254634	2018254634	2018248418
	2018265002	<b><u>A61B 3 /-</u></b>	2018267709	2018267709	2018256431
	<b><u>A43B 3 /-</u></b>	2018269113	<b><u>A61K 38 /-</u></b>	<b><u>A61K 38 /-</u></b>	<b><u>A61L 2 /-</u></b>
	2018247567	2018269113	2018248422	2018248422	2018247584
		<b><u>A61B 34 /-</u></b>	2018253959	2018253959	2018256431
		2017412615	2018254566	2018254566	<b><u>A61M 1 /-</u></b>
		2018262533	2018258158	2018258158	2018265052
		2018265494	2018262805	2018262805	2018265218
		<b><u>A61B 46 /-</u></b>	2018265136	2018265136	2018269113
		2018265494	2018265869	2018265869	2018284233
			2018269304	2018269304	2018285236
			2018272023	2018272023	<b><u>A61M 16 /-</u></b>
			2018275549	2018275549	2018247142
			2018278809	2018278809	2018327222
			<b><u>A61K 39 /-</u></b>	<b><u>A61K 39 /-</u></b>	
			2018252003	2018252003	
			2018253931	2018253931	
			2018253959	2018253959	
			2018263857	2018263857	
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	2018247555		2018260194	2018255726	2018263942
<b><u>A61M 5 /-</u></b>	2018249154	<b><u>B01F 15 /-</u></b>		2018262360	
2018260992	2018251949	2018285478	<b><u>B24B 1 /-</u></b>	<b><u>B33Y 40 /-</u></b>	<b><u>B60S 13 /-</u></b>
2018265218	2018252003		2018381738	2018265750	2018263399
2018288604	2018253959	<b><u>B01F 3 /-</u></b>			
2018290302	2018254566	2018285478	<b><u>B24B 55 /-</u></b>	<b><u>B60B 35 /-</u></b>	<b><u>B60S 9 /-</u></b>
	2018262528		2018381738		
<b><u>A61N 1 /-</u></b>	2018263887	<b><u>B01F 7 /-</u></b>		2018272784	2018263942
2018251564	2018263924	2018285478	<b><u>B25J 11 /-</u></b>	2018273256	<b><u>B60T 13 /-</u></b>
	2018268420		2018263399	<b><u>B60B 39 /-</u></b>	2018285013
<b><u>A61P 1 /-</u></b>	2018269083	<b><u>B01J 13 /-</u></b>	<b><u>B25J 15 /-</u></b>	2018263942	<b><u>B60T 15 /-</u></b>
2018249154	2018269304	2018251712	2018263399	<b><u>B60C 11 /-</u></b>	2018285013
2018269996	2018269996	<b><u>B01J 19 /-</u></b>		2018263343	<b><u>B62D 55 /-</u></b>
	2018273356	2018307001	<b><u>B25J 5 /-</u></b>	2018263344	2018255165
<b><u>A61P 11 /-</u></b>	2018287171		2018263399	<b><u>B60C 13 /-</u></b>	2018255165
2018249154	2018290532	<b><u>B01J 20 /-</u></b>		2018263343	<b><u>B62M 3 /-</u></b>
2018262108	2019218516	2018273348	<b><u>B25J 9 /-</u></b>	2018263344	2018247567
2018262528			2018281876	<b><u>B60C 19 /-</u></b>	<b><u>B63B 21 /-</u></b>
<b><u>A61P 13 /-</u></b>	<b><u>A61P 43 /-</u></b>	<b><u>B01J 8 /-</u></b>	<b><u>B26B 21 /-</u></b>	2018263343	2018249622
2018249154	2017408066	2018264580	2018281190	2018263344	<b><u>B64C 1 /-</u></b>
<b><u>A61P 15 /-</u></b>	2018249154	2018275847		2018263343	2018310402
2018249154	2018258158	<b><u>B01L 3 /-</u></b>	<b><u>B29B 11 /-</u></b>	2018263344	<b><u>B64C 27 /-</u></b>
	<b><u>A61P 5 /-</u></b>	2018247584	2018250176	<b><u>B60C 23 /-</u></b>	2018310402
<b><u>A61P 17 /-</u></b>	2018249154	2018269362	<b><u>B29C 49 /-</u></b>	2018272784	<b><u>B64C 27 /-</u></b>
2018249154	<b><u>A61P 7 /-</u></b>	<b><u>B02C 17 /-</u></b>	2018250176	<b><u>B60D 1 /-</u></b>	<b><u>B65B 25 /-</u></b>
	2018275549	2018241523	<b><u>B29C 64 /-</u></b>	2018263942	<b><u>B65B 31 /-</u></b>
<b><u>A61P 19 /-</u></b>	<b><u>A61Q 17 /-</u></b>	<b><u>B03D 1 /-</u></b>	2018265303	<b><u>B60J 3 /-</u></b>	2019212999
2018263924	2018251712	2018272903	2018265750	2018255726	<b><u>B65B 31 /-</u></b>
<b><u>A61P 25 /-</u></b>	<b><u>A62B 18 /-</u></b>	<b><u>B03D 101 /-</u></b>	<b><u>B29C 70 /-</u></b>	<b><u>B60K 17 /-</u></b>	2019212999
2017408066	2018327222	2018272903	2018248483	2018273256	<b><u>B65D 1 /-</u></b>
2018243836	<b><u>A63B 24 /-</u></b>	<b><u>B05B 1 /-</u></b>	<b><u>B29D 23 /-</u></b>	<b><u>B60K 7 /-</u></b>	2018272381
2018249154	2019222943	2018265748	2017256819	2018273256	<b><u>B65D 19 /-</u></b>
2018253931	<b><u>A63F 3 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B32B 1 /-</u></b>	<b><u>B60N 2 /-</u></b>	2018262520
2018258158	2018260722	2017363832	2017256819	2018250921	<b><u>B65D 21 /-</u></b>
2018265353	<b><u>A63F 9 /-</u></b>	2018265748	<b><u>B32B 27 /-</u></b>	2018252201	2018262520
2018278422	2018260722	<b><u>B05B 3 /-</u></b>	2017412552	<b><u>B60P 3 /-</u></b>	<b><u>B65D 6 /-</u></b>
<b><u>A61P 27 /-</u></b>	<b><u>A63F 9 /-</u></b>	<b><u>B05B 9 /-</u></b>	2017412552	2018263153	2018252625
2018258580	2018260722	2018265748	<b><u>B32B 33 /-</u></b>	<b><u>B60R 22 /-</u></b>	<b><u>B65D 65 /-</u></b>
<b><u>A61P 29 /-</u></b>	<b><u>B01D 11 /-</u></b>	2017363832	2018255726	2018250922	2018262360
2018244451	2018254634	<b><u>B05C 17 /-</u></b>	<b><u>B32B 37 /-</u></b>	2018252201	<b><u>B65D 71 /-</u></b>
2018244916	<b><u>B01D 15 /-</u></b>	2018265748	2018248483	<b><u>B60R 25 /-</u></b>	2018262520
2018265411	2018273348	<b><u>B05B 9 /-</u></b>		2017389381	
<b><u>A61P 3 /-</u></b>	<b><u>B01D 53 /-</u></b>	2018263255	<b><u>B32B 5 /-</u></b>	<b><u>B60R 9 /-</u></b>	
2018262805	2017414123		2018248483	2018260475	
2018267709	2018269060				
<b><u>A61P 31 /-</u></b>	2018307001				
2018274100	<b><u>B01D 61 /-</u></b>				
2019218516	2017414123				

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<b><u>B65D 77 /-</u></b>		<b><u>C07D 403 /-</u></b>	2018265888	<b><u>C09C 3 /-</u></b>	<b><u>C12N 9 /-</u></b>
2018266710	<b><u>C05G 3 /-</u></b>	2018244451	2018278321	2018251712	2018265022
<b><u>B65D 81 /-</u></b>	2017250776	2018244916	2018279184		2018265136
2019212999	2018255908	2018251604	2018288854	<b><u>C09D 125 /-</u></b>	2018265869
<b><u>B65D 83 /-</u></b>	<b><u>C07C 229 /-</u></b>	2018262108	2018290532		2018269327
2018256431	2018261338	2018262478	2019218516	2018284046	2018275751
<b><u>B65D 85 /-</u></b>	2018261340	2018269083	<b><u>C07K 19 /-</u></b>	<b><u>C09D 133 /-</u></b>	<b><u>C12P 19 /-</u></b>
2018256431	2018261341	<b><u>C07D 405 /-</u></b>	2018254542	2018284046	2018250570
<b><u>B65D 85 /-</u></b>	2018261342	2018261756	2018254566	<b><u>C09K 17 /-</u></b>	2018265022
2018255113	2018261343	2018262478	<b><u>C07K 5 /-</u></b>		2018269327
2018256431	<b><u>C07C 231 /-</u></b>	<b><u>C07D 411 /-</u></b>	2018261756	2017250776	<b><u>C12P 21 /-</u></b>
2018262360	2018264672	2018262478	<b><u>C07K 7 /-</u></b>	<b><u>C10L 3 /-</u></b>	2018256256
2018265749	2018265476	<b><u>C07D 471 /-</u></b>	2018253958	2017414123	2018275549
2018293033	<b><u>C07C 233 /-</u></b>	2018262528	<b><u>C08B 1 /-</u></b>	<b><u>C11B 1 /-</u></b>	2018275751
<b><u>B65D 88 /-</u></b>	2018256877	2018273356	2018278691		<b><u>C12P 7 /-</u></b>
2019212999	2018264672	2018278422	<b><u>C08B 15 /-</u></b>	2018249127	2017250776
<b><u>B65D 90 /-</u></b>	2018265476	2018318990	2018248418	<b><u>C11C 1 /-</u></b>	2017415655
2019212999	<b><u>C07C 235 /-</u></b>	<b><u>C07D 475 /-</u></b>	2018278691		2018265136
<b><u>B65H 51 /-</u></b>	2018256877	2018273356	<b><u>C08F 2 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C12Q 1 /-</u></b>
2018265750	<b><u>C07C 237 /-</u></b>	<b><u>C07D 487 /-</u></b>	2018297906		2018250570
<b><u>B66F 11 /-</u></b>	2018256877	2018317398	<b><u>C08F 212 /-</u></b>	2017415655	2018254252
2018298649	<b><u>C07C 67 /-</u></b>	<b><u>C07D 491 /-</u></b>	2018284046	2018251694	2018258580
<b><u>B66F 9 /-</u></b>	2018296605	2018262528	<b><u>C08F 222 /-</u></b>	2018259162	2018262331
2018298649	<b><u>C07C 69 /-</u></b>	<b><u>C07D 495 /-</u></b>	2018296605	2018275751	2018266848
<b><u>B82Y 20 /-</u></b>	2018296605	2018262528	<b><u>C08G 18 /-</u></b>	<b><u>C12N 15 /-</u></b>	2018270075
2018255726	<b><u>C07D 207 /-</u></b>	<b><u>C07D 498 /-</u></b>	2018284046		2019207910
<b><u>C01C 1 /-</u></b>	2018278731	2018262528	<b><u>C08F 212 /-</u></b>	2017407272	<b><u>C12R 1 /-</u></b>
2018275847	2018288933	<b><u>C07D 513 /-</u></b>	2018264974	2018249796	2018259162
<b><u>C04B 24 /-</u></b>	<b><u>C07D 209 /-</u></b>	2018262528	2018296606	2018250570	
2018278249	2018274100	<b><u>C07H 3 /-</u></b>	2018298307	2018253958	<b><u>C21D 1 /-</u></b>
<b><u>C04B 35 /-</u></b>	<b><u>C07D 213 /-</u></b>	2018269327	<b><u>C08G 59 /-</u></b>	2018256877	2018293056
2018255160	201827296	<b><u>C07K 14 /-</u></b>	2018278249	2018261769	
<b><u>C04B 40 /-</u></b>	2018294254	2018254542	<b><u>C08G 69 /-</u></b>	2018264463	<b><u>C21D 6 /-</u></b>
2018296605	<b><u>C07D 239 /-</u></b>	2018254566	2018264672	2018265022	2018293056
<b><u>C05C 9 /-</u></b>	2018262478	2018256256	2018265476	2018265136	<b><u>C21D 8 /-</u></b>
2018255908	<b><u>C07D 295 /-</u></b>	2018262805	<b><u>C08L 27 /-</u></b>	2018265869	2018293056
<b><u>C05F 11 /-</u></b>	2018294254	2018264463		2018266111	<b><u>C21D 9 /-</u></b>
2017250776	2018294254	2018270075	2017412552	2018275549	2018293056
<b><u>C05F 15 /-</u></b>	<b><u>C07D 311 /-</u></b>	2018272023	<b><u>C08L 63 /-</u></b>	2018275751	<b><u>C21D 8 /-</u></b>
2017250776	2018251949	2018275549		2018278809	2018293056
<b><u>C05F 17 /-</u></b>	2018267709	2018275751	<b><u>C08L 69 /-</u></b>	2018278809	<b><u>C21D 9 /-</u></b>
2017430141	<b><u>C07D 401 /-</u></b>	2018278321	2018264672	2018357499	2018293056
	2018257296	2018278809	2018265476	2018359670	2018293056
		<b><u>C07K 16 /-</u></b>	<b><u>C08L 63 /-</u></b>	<b><u>C12N 3 /-</u></b>	<b><u>C22B 1 /-</u></b>
		2018249796			2018303509
		2018253931	<b><u>C08L 67 /-</u></b>	2017415655	2018303510
		2018254566		<b><u>C12N 5 /-</u></b>	
		2018263857	2018278249		<b><u>C22B 3 /-</u></b>
		2018263862	2018275751	2018248137	2018297906
		2018265241	2018278321	2018253958	2018303509
			2018278809	2018253959	
				2018254566	<b><u>C22B 59 /-</u></b>
				2018257307	2018297906
				2018261769	2018303509
				2018262323	
				2018262331	
				2018266111	
				2018271755	
				2018275549	
					<b><u>C22B 9 /-</u></b>
					2019253975

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<b>C22C 38 /-</b>	2018295426	<b>E21B 43 /-</b>	2018277526	<b>F28D 15 /-</b>	2018269362 2018275723
2018293056	<b>E04F 13 /-</b>	2018255209	<b>F16L 25 /-</b>	2018258497	<b>G01N 29 /-</b>
<b>C23C 8 /-</b>	2017412552	<b>E21B 47 /-</b>	2018266290	<b>F28D 7 /-</b>	2018275723
2018293056	<b>E04G 13 /-</b>	2017420683	<b>F16L 33 /-</b>	2018274073	<b>G01N 33 /-</b>
<b>C25B 1 /-</b>	2018408668	2018273068	2018243151	<b>F28F 3 /-</b>	2018244806 2018248137 2018258580 2018261869 2018261891 2018262323 2018269362 2018275664 2019251327
2017411874	<b>E04G 3 /-</b>	2018274699	<b>F16L 35 /-</b>	2018265218	
2018253926	2018298649	<b>E21B 49 /-</b>	2018271140	<b>F28F 9 /-</b>	
<b>C25B 15 /-</b>	<b>E04H 4 /-</b>	2018274699	<b>F16L 37 /-</b>	2018274073	
2017411874	2018251307	2018274700	2018271140	<b>F28G 1 /-</b>	
2018253926	<b>E04H 6 /-</b>	<b>E21D 20 /-</b>	<b>F16L 55 /-</b>	2018263255	<b>G01R 19 /-</b>
<b>C25B 9 /-</b>	2018263399	2018277562	2018271140	<b>F28G 15 /-</b>	2018248073
2017411874	<b>E05D 11 /-</b>	<b>E21D 21 /-</b>	2018271140	2018263255	<b>G01R 21 /-</b>
2018253926	2018262244	2018265326	<b>F16L 9 /-</b>	<b>F41A 33 /-</b>	2018241230
<b>C40B 50 /-</b>	<b>E05D 5 /-</b>	2018265328	2017256819	2017420387	<b>G01R 27 /-</b>
2018271846	2018295822	2018277562	<b>F16N 13 /-</b>	2018288975	2018261869
<b>D03D 15 /-</b>	<b>E05D 7 /-</b>	<b>E21F 7 /-</b>	2018352789	<b>F41A 9 /-</b>	<b>G01R 29 /-</b>
2018248483	2018262244	2018402458	2018352789	2018259006	2018263885
<b>D21C 9 /-</b>	2018295822	2018274073	<b>F16N 7 /-</b>	<b>F41G 3 /-</b>	<b>G01R 31 /-</b>
2018278691	<b>E05F 1 /-</b>	<b>F03B 13 /-</b>	2018274073	2017420387	2018258236
<b>D21H 11 /-</b>	2018262244	2018300485	<b>F22B 1 /-</b>	2018288975	<b>G01R 33 /-</b>
2018278691	<b>E05F 15 /-</b>	<b>F16B 13 /-</b>	<b>F23D 14 /-</b>	<b>F41H 7 /-</b>	2018279078
<b>D21H 19 /-</b>	2018253351	2018244813	2017436554	2018250921	<b>G01S 13 /-</b>
2018284046	<b>E05F 3 /-</b>	<b>F16D 41 /-</b>	<b>F24C 7 /-</b>	2018250922	2018257486
2018284047	2018254734	2017420382	2018296831	2018252201	<b>G01S 17 /-</b>
<b>D21H 21 /-</b>	<b>E21B 17 /-</b>	<b>F16G 15 /-</b>	<b>F24S 20 /-</b>	<b>F42B 8 /-</b>	<b>G01S 17 /-</b>
2018284046	2018255209	2018249622	2018266741	2018288975	<b>G01B 21 /-</b>
<b>D21H 27 /-</b>	2018266290	<b>F16H 37 /-</b>	<b>F24S 70 /-</b>	<b>G01B 21 /-</b>	2018251941 2018253351 2018257486
2018284047	<b>E21B 21 /-</b>	2018273256	2018266741	<b>G01C 21 /-</b>	<b>G01S 5 /-</b>
<b>E01C 11 /-</b>	2018263153	<b>F16H 48 /-</b>	<b>F24S 80 /-</b>	2018243781	2018263885
2018261369	<b>E21B 33 /-</b>	2018273256	2018266741	2018262456	<b>G01D 21 /-</b>
<b>E01D 21 /-</b>	2018250627	<b>F16J 15 /-</b>	<b>F25C 5 /-</b>	<b>G01D 21 /-</b>	<b>G01S 7 /-</b>
2018298649	2018255160	2018255160	2018262942	2018262364	2018251941 2018253351 2018257486
<b>E01H 1 /-</b>	2018255209	2018277525	<b>F25D 11 /-</b>	<b>G01N 1 /-</b>	<b>G01V 1 /-</b>
2018251900	2018262500	2018277525	2019212999	2019251327	2017420683 2018265371 2018265372 2018317327
<b>E02D 29 /-</b>	2018402458	<b>F16L 15 /-</b>	<b>F25D 17 /-</b>	<b>G01N 21 /-</b>	<b>G01V 3 /-</b>
2018247570	<b>E21B 34 /-</b>	2018266290	2019212999	2018254602	
<b>E02F 9 /-</b>	2018250627	<b>F16L 17 /-</b>	<b>F25D 23 /-</b>	2018254603	
2018342628	2018255160	2018277525	2018295822	2018254604	
<b>E04B 1 /-</b>	2018273068	2018277526	<b>G01N 27 /-</b>	2019251327	
2018263812	2018263153	<b>F16L 21 /-</b>	2018261869	2018263392	
		2018266290	2018263392		
		2018277525			



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<b><u>G01W 1 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G09B 21 /-</u></b>	<b><u>H01J 35 /-</u></b>	<b><u>H03G 11 /-</u></b>	<b><u>H04Q 9 /-</u></b>
2018263885	2018251941 2018253963	2018273041	2018273789	2018289070	2018342628
<b><u>G02B 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G09C 5 /-</u></b>	<b><u>H01J 7 /-</u></b>	<b><u>H03H 2 /-</u></b>	<b><u>H04R 1 /-</u></b>
2018255726	2017415318 2018244769 2018267280 2018271112	2018269694	2018257648	2018289070	2018251100
<b><u>G02B 26 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G09F 13 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H03K 17 /-</u></b>	<b><u>H04R 7 /-</u></b>
2018257648	2017410097 2018266839 2018323233	2018249487	2018244146 2018248073 2018265262	2018248073 2018257739	2018251100
<b><u>G02B 5 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G09F 27 /-</u></b>	<b><u>H01L 51 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04W 12 /-</u></b>
2018255726	2017410097 2018266839 2018323233	2018249487	2018244146	2018262536	2018254323
<b><u>G02C 5 /-</u></b>	<b><u>G09G 3 /-</u></b>	<b><u>G09F 9 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04J 3 /-</u></b>	<b><u>H04W 36 /-</u></b>
2018249465	2017410097 2017415318 2018265412 2018266839	2018249487	2018253926	2018261585	2017414388
<b><u>G02F 1 /-</u></b>	<b><u>G09K 11 /-</u></b>	<b><u>G10K 11 /-</u></b>	<b><u>H01P 1 /-</u></b>	<b><u>H04L 1 /-</u></b>	<b><u>H04W 4 /-</u></b>
2017411621 2018258497	2018263812	2018248766 2018257648	2018289070	2018263512	2017411954 2018244769 2018261253 2018261718 2018262364
<b><u>G03B 29 /-</u></b>	<b><u>G10L 15 /-</u></b>	<b><u>G10L 11 /-</u></b>	<b><u>H01P 3 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 40 /-</u></b>
2018249465	2018266284 2018269238	2018263812	2018289070	2018249485	2018261585
<b><u>G05D 1 /-</u></b>	<b><u>G10L 25 /-</u></b>	<b><u>G10L 15 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H04L 25 /-</u></b>	<b><u>H04W 48 /-</u></b>
2018243781	2018266284 2018269238	2018266284 2018269238	2018257486	2018262536	2018283356
<b><u>G06F 1 /-</u></b>	<b><u>G10L 25 /-</u></b>	<b><u>G10L 25 /-</u></b>	<b><u>H01R 12 /-</u></b>	<b><u>H04L 27 /-</u></b>	<b><u>H04W 52 /-</u></b>
2018241230 2018257648 2018261718 2018273041	2018386714	2018266284	2018271140	2018261601	2018261601
<b><u>G06F 11 /-</u></b>	<b><u>G16H 10 /-</u></b>	<b><u>G16H 10 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 64 /-</u></b>
2017410256 2018269049 2018289025	2018269112	2018249607	2018271140	2017389381 2017410919 2018269380 2018386714	2018262364
<b><u>G06F 12 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H02G 3 /-</u></b>	<b><u>H04L 5 /-</u></b>	<b><u>H04W 72 /-</u></b>
2018269049	2018269112 2018269112 2018269113	2018249607 2018249607 2018269112 2018269113	2018243151	2018262536 2018263512	2017410366 2017411938 2017414388
<b><u>G06F 17 /-</u></b>	<b><u>G16H 30 /-</u></b>	<b><u>G16H 30 /-</u></b>	<b><u>H02G 9 /-</u></b>	<b><u>H04M 1 /-</u></b>	<b><u>H04W 76 /-</u></b>
2017408627 2018266284 2018269049	2018269112 2018269113	2018269112 2018269113	2018243151	2018243746 2018273041	2018254323
<b><u>G06F 21 /-</u></b>	<b><u>G16H 40 /-</u></b>	<b><u>G16H 40 /-</u></b>	<b><u>H02H 1 /-</u></b>	<b><u>H04M 3 /-</u></b>	<b><u>H05B 3 /-</u></b>
2017410919 2017421179 2018269049 2018386714	2018249607	2018249607	2018258236	2018258236	2018255726
<b><u>G06F 3 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H02H 9 /-</u></b>	<b><u>H04N 1 /-</u></b>	<b><u>H05B 6 /-</u></b>
2017406230 2017412907 2018248766 2018248769 2018273041	2018280166	2018280166	2018257739	2018273825	2018296831
<b><u>G06K 19 /-</u></b>	<b><u>G21B 1 /-</u></b>	<b><u>G21B 1 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04N 13 /-</u></b>	<b><u>H05G 1 /-</u></b>
2018269694	2018280166	2018280166	2018248073	2018262533	2018273789
	<b><u>G21F 9 /-</u></b>	<b><u>G21F 9 /-</u></b>	<b><u>H02J 9 /-</u></b>	<b><u>H04N 21 /-</u></b>	<b><u>H05H 1 /-</u></b>
	2018258236	2018419491	2018248766	2018266453	2018280166
	<b><u>G08G 1 /-</u></b>	<b><u>H01F 10 /-</u></b>	<b><u>H02S 40 /-</u></b>	<b><u>H04N 5 /-</u></b>	<b><u>H05K 5 /-</u></b>
	2018248769 2018262456 2018299303	2018289070	2018265262	2018249465 2018257648	2018257648
	<b><u>H01H 9 /-</u></b>	<b><u>H01H 9 /-</u></b>	<b><u>H03F 3 /-</u></b>		
	2018265052	2018265052	2017423697		

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**H05K 7/-**

2018257648  
2018258497

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**G06K 9/00** ( 2006.01 )  
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**A61Q 19/00** ( 2006.01 )  
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**H04L 12/26** ( 2006.01 )  
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 C07D 493/00 ( 2006.01 )  
 A61K 31/00 ( 2006.01 )  
 A61K 31/366 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 3/04 ( 2006.01 )  
 A61P 3/06 ( 2006.01 )  
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*A01N 43/40* ( 2006.01 )  
*C07D 207/16* ( 2006.01 )  
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*A01P 17/00* ( 2006.01 )  
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 (51) Int. Cl.

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**(51)** Int. Cl.  
**H04W 24/00** ( 2009.01 )  
**H04W 52/00** ( 2009.01 )  
**H04W 64/00** ( 2009.01 )  
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**(72)** Eldic, Filip  
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**A61N 7/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**B26D 7/18** ( 2006.01 )  
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**A61K 31/56** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 491/052** ( 2006.01 )  
**A61K 31/4188** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
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**(11)** AU-B-2017272209  
**(21)** 2017272209 **(22)** 06.12.2017  
**(54)** Vasoprotective and cardioprotective anti-diabetic therapy  
**(51)** Int. Cl.  
**A61K 31/155** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/522** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**(43)** 04.01.2018  
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**(62)** 2016202261  
**(72)** KLEIN, Thomas; DAIBER, Andreas; JOHANSEN, Odd-Erik; MARK, Michael; PATEL, Sanjaykumar; WOERLE, Hans-Juergen  
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**(11)** AU-B-2016371789  
**(21)** 2016371789 **(22)** 01.12.2016  
**(54)** Cable comprising a foamed layer comprising a polyolefin polymer and a blowing agent  
**(51)** Int. Cl.  
**H01B 3/44** ( 2006.01 )  
**C08K 5/092** ( 2006.01 )  
**C08L 23/04** ( 2006.01 )  
**H01B 11/00** ( 2006.01 )  
**(87)** WO2017/102341  
**(31)** 15201209.2 **(32)** 18.12.15 **(33)** EP  
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**(54)** Sacrificial coupler for reloadable hemostasis clipping device  
**(51)** Int. Cl.  
**A61B 17/12** ( 2006.01 )  
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**(54)** Hemostasis reloadable clip release mechanism  
**(51)** Int. Cl.  
**A61B 17/122** ( 2006.01 )  
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**(72)** Randhawa, Nishant  
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**(54)** Implantable device programming management  
**(51)** Int. Cl.  
**A61N 1/372** ( 2006.01 )  
**G06F 12/00** ( 2006.01 )  
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**G16H 40/67** ( 2018.01 )  
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**(54)** Electrical stimulation cuff devices and systems  
**(51)** Int. Cl.  
**A61N 1/05** ( 2006.01 )  
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 (51) Int. Cl.  
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**E02F 3/36** ( 2006.01 )  
**B62D 65/02** ( 2006.01 )  
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 (51) Int. Cl.  
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**A61K 31/44** ( 2006.01 )  
**A61K 31/4427** ( 2006.01 )  
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**C07D 401/02** ( 2006.01 )  
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 (21) 2018202445 (22) 06.04.2018  
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 (51) Int. Cl.  
**G03G 21/18** ( 2006.01 )  
**G03G 21/16** ( 2006.01 )  
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**B65D 47/26** ( 2006.01 )  
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**F16N 3/04** ( 2006.01 )  
**F16N 37/00** ( 2006.01 )  
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 (51) Int. Cl.  
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*D04H 1/541* (2012.01)  
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 (51) Int. Cl.  
*B67D 1/14* (2006.01)  
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 (21) 2015295285 (22) 30.07.2015  
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 (51) Int. Cl.  
*E02B 5/02* (2006.01)  
*E02B 3/16* (2006.01)  
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 (54) A method for revamping an ammonia plant  
 (51) Int. Cl.  
*C01C 1/04* (2006.01)  
*C01B 3/02* (2006.01)  
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*C07D 403/10* (2006.01)  
*A61K 31/55* (2006.01)  
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*G01V 1/28* (2006.01)  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) System and method, based on machine vision and multi-sensor fusion, for automatic operation of coal mining machine  
 (51) Int. Cl.  
*E21C 35/24* (2006.01)  
*E21B 19/18* (2006.01)  
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*A61K 31/501* (2006.01)  
*A61K 31/5025* (2006.01)  
*A61K 31/503* (2006.01)  
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*A61K 31/537* (2006.01)  
*A61K 31/5377* (2006.01)  
*A61K 31/734* (2006.01)  
*A61K 33/08* (2006.01)  
*A61K 33/10* (2006.01)  
*A61K 33/24* (2006.01)  
*A61K 33/26* (2006.01)  
*A61K 45/00* (2006.01)  
*A61P 3/12* (2006.01)  
*A61P 5/18* (2006.01)  
*A61P 9/10* (2006.01)  
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*A61P 43/00* (2006.01)  
*C07D 237/04* (2006.01)  
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*C07D 403/14* (2006.01)  
*C07D 405/14* (2006.01)  
*C07D 413/14* (2006.01)  
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*C07D 487/08* (2006.01)  
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 (54) Inhaler device  
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**C07K 14/34** ( 2006.01 )  
**C12N 15/77** ( 2006.01 )  
**C12P 19/40** ( 2006.01 )  
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**A61P 25/04** ( 2006.01 )  
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**G16B 15/00** ( 2019.01 )  
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**H03H 7/30** ( 2006.01 )  
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**A61K 31/095** ( 2006.01 )  
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 (51) Int. Cl.  
**A61Q 17/00** ( 2006.01 )  
**A61K 8/02** ( 2006.01 )  
**A61K 8/04** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 8/33** ( 2006.01 )  
**A61K 8/04** ( 2006.01 )  
**A61K 8/34** ( 2006.01 )  
**A61K 8/39** ( 2006.01 )  
**A61K 8/44** ( 2006.01 )  
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**A61Q 11/00** ( 2006.01 )  
**A61K 8/21** ( 2006.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 8/92** ( 2006.01 )  
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 (72) Lavender, Stacey; Khan, Najma  
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 (54) Oral care compositions with increased whitening efficacy  
 (51) Int. Cl.  
**A61Q 11/00** ( 2006.01 )  
**A61K 8/19** ( 2006.01 )  
**A61K 8/46** ( 2006.01 )  
**A61K 8/49** ( 2006.01 )  
**A61K 8/81** ( 2006.01 )  
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 (43) 17.05.2018  
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 (54) Oral care implement or head plate therefor and method of forming the same  
 (51) Int. Cl.  
**A46B 1/00** ( 2006.01 )  
**A46D 1/00** ( 2006.01 )  
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 (31) 62/399,794 (32) 26.09.16 (33) US  
 (43) 29.03.2018  
 (44) 21.11.2019  
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 (11) AU-B-2018205151  
 (21) 2018205151 (22) 12.07.2018  
 (54) ORAL CARE IMPLEMENT  
 (51) Int. Cl.  
**A46B 9/06** ( 2006.01 )  
**A46B 5/02** ( 2006.01 )  
**A46B 9/02** ( 2006.01 )  
**A46B 9/04** ( 2006.01 )

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**A46D 3/04** ( 2006.01 )  
**B29C 45/14** ( 2006.01 )  
**B29C 45/16** ( 2006.01 )  
**A46B 15/00** ( 2006.01 )  
**(43)** 02.08.2018  
**(44)** 21.11.2019  
**(62)** 2014414808,2014414812,2014414815,2014414820,2014414824,2014414828,2014414832,2014414836,2014414840,2014414844,2014414848,2014414852,2014414856,2014414860,2014414864,2014414868,2014414872,2014414876,2014414880,2014414884,2014414888,2014414892,2014414896,2014414900,2014414904,2014414908,2014414912,2014414916,2014414920,2014414924,2014414928,2014414932,2014414936,2014414940,2014414944,2014414948,2014414952,2014414956,2014414960,2014414964,2014414968,2014414972,2014414976,2014414980,2014414984,2014414988,2014414992,2014414996,2014414998,2014415000  
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**(74)** Shelston IP Pty Ltd.

**(71)** Colgate-Palmolive Company  
**(11)** AU-B-2019201243  
**(21)** 2019201243 **(22)** 22.02.2019  
**(54)** Oral care compositions and methods of using the compositions  
**(51)** Int. Cl.

**A61K 8/27** ( 2006.01 )  
**A61K 8/21** ( 2006.01 )  
**A61K 8/36** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
**(43)** 14.03.2019  
**(44)** 21.11.2019  
**(62)** 2017281230  
**(72)** Rege, Aarti; Sullivan, Richard; Suriano, David; Dogu, Nihal; Colligan, Mary; Fisher, Steven; Morgan, Andre  
**(74)** Shelston IP Pty Ltd.

**(71)** Coloplast A/S  
**(11)** AU-B-2015330441  
**(21)** 2015330441 **(22)** 08.10.2015  
**(54)** Composition comprising a polymer and a switch initiator  
**(51)** Int. Cl.

**A61F 5/443** ( 2006.01 )  
**A61F 5/445** ( 2006.01 )  
**A61L 24/00** ( 2006.01 )  
**A61L 24/04** ( 2006.01 )  
**(87)** WO2016/055075  
**(31)** PA201470770 **(32)** 09.12.14 **(33)** DK  
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 PA201570255 30.04.15 DK  
 PA201570210 10.04.15 DK  
 PA201570166 24.03.15 DK  
 PA201570057 02.02.15 DK  
**(43)** 14.04.2016  
**(44)** 21.11.2019  
**(72)** Lam, Peter Kwok Hing; Stroebach, Esben; Hansen, Kristoffer; Sund, Anders Grove; Bejenariu, Anca Gabriela; Fristrup, Charlotte Juel; Bingol, Bahar  
**(74)** FB Rice Pty Ltd

**(71)** Coloplast A/S  
**(11)** AU-B-2016214792  
**(21)** 2016214792 **(22)** 02.02.2016  
**(54)** Ostomy device  
**(51)** Int. Cl.

**A61F 5/443** ( 2006.01 )  
**A61F 5/445** ( 2006.01 )  
**A61L 15/00** ( 2006.01 )  
**C09J 7/00** ( 2006.01 )  
**(87)** WO2016/124202  
**(31)** PA201570057 **(32)** 02.02.15 **(33)** DK  
**(43)** 11.08.2016

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**(72)** Stroebach, Esben; Hansen, Michael  
**(74)** FB Rice Pty Ltd

**(71)** Coloplast A/S  
**(11)** AU-B-2016214792  
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**(54)** Ostomy device  
**(51)** Int. Cl.

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**A61L 15/00** ( 2006.01 )  
**C09J 7/00** ( 2006.01 )  
**(87)** WO2016/124203  
**(31)** PA201570752 **(32)** 24.11.15 **(33)** DK  
 PA201570056 02.02.15 DK  
**(43)** 11.08.2016  
**(44)** 21.11.2019  
**(72)** Stroebach, Esben  
**(74)** FB Rice Pty Ltd

**(71)** Command Alkon Incorporated  
**(11)** AU-B-2016288714  
**(21)** 2016288714 **(22)** 01.07.2016  
**(54)** Systems and methods for monitoring calibration of moisture sensors  
**(51)** Int. Cl.

**B28C 5/00** ( 2006.01 )  
**C04B 12/00** ( 2006.01 )  
**G01G 23/01** ( 2006.01 )  
**G01G 23/48** ( 2006.01 )  
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**(31)** 62/187,726 **(32)** 01.07.15 **(33)** US  
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**(44)** 21.11.2019  
**(72)** Willaman, Randall  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

**(71)** Commonwealth Scientific and Industrial Research Organisation  
**(11)** AU-B-2015283817  
**(21)** 2015283817 **(22)** 29.06.2015  
**(54)** Deformation measurement method and apparatus  
**(51)** Int. Cl.

**G01B 11/16** ( 2006.01 )  
**G01D 5/353** ( 2006.01 )  
**G02B 6/00** ( 2006.01 )  
**(87)** WO2016/000034  
**(31)** 2014902497 **(32)** 30.06.14 **(33)** AU  
**(43)** 07.01.2016  
**(44)** 21.11.2019  
**(72)** Hoehn, Karsten; Arkwright, John William  
**(74)** Davies Collison Cave Pty Ltd

**(71)** CommScope Connectivity UK Limited  
**(11)** AU-B-2016207976  
**(21)** 2016207976 **(22)** 15.01.2016  
**(54)** Systems and methods for enhanced high frequency power bias tee designs  
**(51)** Int. Cl.

**H04B 3/44** ( 2006.01 )  
**H04L 12/10** ( 2006.01 )  
**(87)** WO2016/113416  
**(31)** 62/103,648 **(32)** 15.01.15 **(33)** US  
**(43)** 21.07.2016

**(44)** 21.11.2019  
**(72)** Standish, Ian Miles  
**(74)** Davies Collison Cave Pty Ltd

**(71)** CommScope Technologies LLC  
**(11)** AU-B-2017206182  
**(21)** 2017206182 **(22)** 18.07.2017  
**(54)** Deploying optical fibers using indexing terminals  
**(51)** Int. Cl.

**G02B 6/46** ( 2006.01 )  
**G02B 6/36** ( 2006.01 )  
**(43)** 03.08.2017  
**(44)** 21.11.2019  
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**(72)** Kmit, Paul; Parsons, Thomas; Gronvall, Erik; Ellens, Douglas C.; Toundas, Panayiotis; Badar, Timothy G.; Smith, Trevor D.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ConMed Corporation  
**(11)** AU-B-2018278950  
**(21)** 2018278950 **(22)** 13.12.2018  
**(54)** Suture anchor system  
**(51)** Int. Cl.

**A61B 17/04** ( 2006.01 )  
**(43)** 17.01.2019  
**(44)** 21.11.2019  
**(62)** 2016235375  
**(72)** Miller, Peter C.; Reedy, Jeremy  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Construction Research & Technology GmbH  
**(11)** AU-B-2016214592  
**(21)** 2016214592 **(22)** 28.01.2016  
**(54)** Liquid coloring suspension and colored cementitious composition  
**(51)** Int. Cl.

**C04B 28/04** ( 2006.01 )  
**C04B 40/00** ( 2006.01 )  
**(87)** WO2016/124470  
**(31)** 62/111,455 **(32)** 03.02.15 **(33)** US  
**(43)** 11.08.2016  
**(44)** 21.11.2019  
**(72)** Smith, James Curtis; Hevener, Eric  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Cook Medical Technologies LLC  
**(11)** AU-B-2017259964  
**(21)** 2017259964 **(22)** 02.05.2017  
**(54)** Wire lock assembly  
**(51)** Int. Cl.

**A61B 1/00** ( 2006.01 )  
**A61B 1/018** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**(87)** WO2017/192520  
**(31)** 62/331,083 **(32)** 03.05.16 **(33)** US  
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**(43)** 09.11.2017  
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**(74)** Phillips Ormonde Fitzpatrick



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 (21) 2015372429 (22) 11.11.2015  
 (54) Adjustable clamping system for a sewing machine  
 (51) Int. Cl.  
**D05C 9/04** ( 2006.01 )  
 (87) WO2016/101019  
 (31) 2014905217 (32) 23.12.14 (33) AU  
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 (72) Coombes, Rex Ian  
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 (21) 2014274574 (22) 11.12.2014  
 (54) Surgical stapling apparatus and methods of adhering a surgical buttress thereto  
 (51) Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**A61B 17/115** ( 2006.01 )  
 (31) 14/264,269 (32) 29.04.14 (33) US  
 (43) 12.11.2015  
 (44) 21.11.2019  
 (72) Casasanta, Thomas; Whitfield, Kenneth; Simpson, Richard  
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(71) Covidien LP  
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 (21) 2015201351 (22) 16.03.2015  
 (54) Adaptor for surgical instrument for converting rotary input to linear output  
 (51) Int. Cl.  
**A61B 17/00** ( 2006.01 )  
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 (43) 03.12.2015  
 (44) 21.11.2019  
 (72) Kostrzewski, Stanislaw  
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(71) Covidien LP  
 (11) AU-B-2015374244  
 (21) 2015374244 (22) 28.12.2015  
 (54) System and method for treating COPD and emphysema  
 (51) Int. Cl.  
**A61B 17/24** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
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 (21) 2016201148 (22) 24.02.2016  
 (54) Adapter assembly with gimbal for interconnecting electromechanical surgical devices and surgical loading units and surgical systems thereof  
 (51) Int. Cl.  
**A61B 17/29** ( 2006.01 )  
**A61B 17/068** ( 2006.01 )  
**A61B 17/115** ( 2006.01 )  
**B25F 3/00** ( 2006.01 )  
**B25F 5/00** ( 2006.01 )  
**B25G 3/00** ( 2006.01 )  
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 (21) 2018278855 (22) 11.12.2018  
 (54) Systems and methods for assessing air leaks in lung tissue  
 (51) Int. Cl.  
**A61B 5/08** ( 2006.01 )  
**A61B 1/267** ( 2006.01 )  
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 (72) Frushour, Scott E.M.; Hodgkinson, Gerald N.  
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 (11) AU-B-2019202779  
 (21) 2019202779 (22) 18.04.2019  
 (54) System and method for constructing virtual radial ultrasound images from CT data and performing a surgical navigation procedure using virtual ultrasound images  
 (51) Int. Cl.  
**A61B 6/03** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
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 (21) 2019204469 (22) 25.06.2019  
 (54) Dynamic 3D lung map view for tool navigation inside the lung  
 (51) Int. Cl.

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**A61B 1/04** ( 2006.01 )  
**A61B 6/00** ( 2006.01 )  
**A61B 6/03** ( 2006.01 )  
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 (54) Superposition of guided surface waves on lossy media  
 (51) Int. Cl.  
**H01Q 1/00** ( 2006.01 )  
**G01S 13/02** ( 2006.01 )  
**H01P 5/00** ( 2006.01 )  
**H01Q 1/04** ( 2006.01 )  
**H01Q 3/26** ( 2006.01 )  
**H01Q 9/30** ( 2006.01 )  
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 (72) Corum, James F.; Corum, Kenneth L.  
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 (51) Int. Cl.  
**G01S 13/02** ( 2006.01 )  
**G01S 13/10** ( 2006.01 )  
**G01S 13/36** ( 2006.01 )  
**G01S 13/88** ( 2006.01 )  
**G01S 13/34** ( 2006.01 )  
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 (72) Corum, Kenneth L.; Corum, James F.  
 (74) FB Rice Pty Ltd

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 (21) 2015314927 (22) 10.09.2015  
 (54) Adaptation of polyphase waveguide probes  
 (51) Int. Cl.  
**H01Q 1/00** ( 2006.01 )  
**G01S 13/02** ( 2006.01 )  
**H01P 5/00** ( 2006.01 )  
**H01Q 1/04** ( 2006.01 )  
**H01Q 9/30** ( 2006.01 )  
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 (31) 14/848,653 (32) 09.09.15 (33) US  
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*A61K 39/145* ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys
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 (54) Novel pharmaceutical composition for prevention and/or treatment of urinary incontinence  
 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 13/02* ( 2006.01 )
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 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )
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 (51) Int. Cl.  
*A23L 29/219* ( 2016.01 )  
*A61K 9/48* ( 2006.01 )
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 (51) Int. Cl.  
*F28F 9/02* ( 2006.01 )  
*F28D 1/053* ( 2006.01 )  
*F28F 1/02* ( 2006.01 )
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 (51) Int. Cl.  
*F28D 1/053* ( 2006.01 )  
*F24F 1/00* ( 2011.01 )  
*F25B 39/00* ( 2006.01 )  
*F28D 1/047* ( 2006.01 )  
*F28F 9/02* ( 2006.01 )  
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 (51) Int. Cl.  
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*F24F 11/64* ( 2018.01 )  
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*H04W 40/00* ( 2009.01 )  
*H04B 10/00* ( 2006.01 )  
*H04W 4/00* ( 2009.01 )
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*C25C 3/12* ( 2006.01 )
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 (54) Photochromic indicator and a method of documenting decontamination of an object using a photochromic indicator  
 (51) Int. Cl.  
*A61L 2/10* ( 2006.01 )  
*A61L 2/24* ( 2006.01 )  
*A61L 2/28* ( 2006.01 )
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 (72) Weir, Iona E.  
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 (11) AU-B-2017204264  
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 (51) Int. Cl.

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**(72)** KAMEN, Dean; KERWIN, John M.; MURPHY, Colin H.; GRAY, Larry B.; PARKER, Jonathan; BAIER, Michael J.; LANGENFELD, Christopher C.; BIASI, John J.; VAN DER MERWE, Dirk A.; BLUMBERG JR., David; PLACE, Michael S.; SLATE, Michael J.; PAWLOWSKI, Daniel F.; SABIN, Erik N.; NORRIS, Michael G.; THERRIEN, Alexander R.  
**(74)** Griffith Hack

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**(11)** AU-B-2017265097  
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**(72)** Ruttley, David J.  
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**(54)** Right angle transfer  
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**(72)** German, Harry Thad  
**(74)** Griffith Hack

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**(51)** Int. Cl.  
**B65G 1/04** ( 2006.01 )  
**B65G 1/06** ( 2006.01 )  
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**(54)** Sterol derivatives for treating neurosensory hearing loss, and corresponding composition

**(51)** Int. Cl.  
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**(54)** A MEASURING INSTRUMENT FOR USE IN ORTHOPAEDIC SURGERY  
**(51)** Int. Cl.  
**A61F 2/46** ( 2006.01 )  
**(43)** 09.11.2017  
**(44)** 21.11.2019  
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**(72)** Reeve, Michael  
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**(54)** Femoral system handle surgical instrument and method of assembling same  
**(51)** Int. Cl.  
**A61B 17/56** ( 2006.01 )  
**A61F 2/38** ( 2006.01 )  
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**(54)** BICEPS TENODESIS DELIVERY TOOLS  
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**(51)** Int. Cl.

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**(54)** Antimicrobial compositions and methods of use  
**(51)** Int. Cl.  
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**(54)** Systems and methods for using eye movements to determine traumatic brain injury  
**(51)** Int. Cl.  
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**(43)** 25.02.2016  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(54)** Electrolyzer and membranes  
**(51)** Int. Cl.  
**C25B 3/04** ( 2006.01 )  
**C02F 1/461** ( 2006.01 )  
**C25B 1/10** ( 2006.01 )  
**C25B 13/08** ( 2006.01 )  
**H01M 8/10** ( 2006.01 )  
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**(51)** Int. Cl.

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**(54)** CTLA4 fusion proteins for the treatment of diabetes  
**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
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**(51)** Int. Cl.  
**G10L 19/008** ( 2013.01 )  
**H04S 3/00** ( 2006.01 )  
**H04S 7/00** ( 2006.01 )  
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**(54)** Attachment for a handheld appliance  
**(51)** Int. Cl.  
**A45D 20/10** ( 2006.01 )  
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**H04L 29/06** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
**G06F 9/46** ( 2006.01 )  
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**(54)** Distributed low voltage power systems  
**(51)** Int. Cl.  
**H02J 1/06** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
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**(54)** Dishmachine  
**(51)** Int. Cl.  
**A47L 15/00** ( 2006.01 )  
**A47L 15/14** ( 2006.01 )  
**A47L 15/42** ( 2006.01 )  
**A47L 15/46** ( 2006.01 )  
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**(21)** 2017252254 **(22)** 14.04.2017  
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**(51)** Int. Cl.  
**C11D 1/66** ( 2006.01 )  
**C11D 3/32** ( 2006.01 )  
**C11D 3/34** ( 2006.01 )  
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**(51)** Int. Cl.  
**D06F 39/00** ( 2006.01 )  
**D06F 33/02** ( 2006.01 )  
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**A47G 19/02** ( 2006.01 )  
**A47G 19/12** ( 2006.01 )  
**A47G 19/14** ( 2006.01 )  
**A47J 36/24** ( 2006.01 )  
**A47J 36/26** ( 2006.01 )  
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 (51) Int. Cl.  
**A61C 1/00** ( 2006.01 )  
**A61C 3/02** ( 2006.01 )  
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**A61M 11/04** ( 2006.01 )

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**C07K 16/24** ( 2006.01 )  
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**C07K 16/22** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (51) Int. Cl.  
**A61F 13/14** ( 2006.01 )  
**A41B 9/12** ( 2006.01 )  
**A61F 13/472** ( 2006.01 )  
**A61F 13/551** ( 2006.01 )  
**A61F 13/84** ( 2006.01 )  
**A61K 9/70** ( 2006.01 )  
**A61L 15/20** ( 2006.01 )  
**A61M 35/00** ( 2006.01 )

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 (21) 2016421324 (22) 01.09.2016  
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 (51) Int. Cl.  
**D21F 1/66** ( 2006.01 )  
**D04H 1/00** ( 2006.01 )  
**D21F 11/00** ( 2006.01 )

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*D04H 3/11* ( 2012.01 )  
*D04H 5/03* ( 2012.01 )  
*D04H 18/04* ( 2012.01 )  
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 (21) 2017394951 (22) 20.01.2017  
 (54) Disposable article  
 (51) Int. Cl.  
*A61F 13/64* ( 2006.01 )  
*A61F 13/49* ( 2006.01 )  
*A61F 13/58* ( 2006.01 )  
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 Dougherty, Eugene  
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 (51) Int. Cl.  
*H01H 15/00* ( 2006.01 )  
*H01H 35/14* ( 2006.01 )  
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 (74) Baxter Patent Attorneys Pty Ltd

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 modifying the shape of the implantable  
 layers for use with a surgical fastening  
 instrument  
 (51) Int. Cl.  
*A61B 17/072* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
*B29C 43/52* ( 2006.01 )  
*B29C 55/00* ( 2006.01 )  
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 J.  
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2017265111 (22) 23.11.2017  
 (54) Process and apparatus for vacuum dis-  
 tillation of high-purity magnesium

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*C22B 9/04* ( 2006.01 )  
*C22B 26/22* ( 2006.01 )  
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 (44) 21.11.2019  
 (62) 2013211253  
 (72) LOEFFLER, Joerg; UGGOWITZER,  
 Peter; WEGMANN, Christian; BECKER,  
 Minh; FEICHTINGER, Heinrich  
 (74) Griffith Hack

(71) Eurofilters N.V.  
 (11) AU-B-2017233900  
 (21) 2017233900 (22) 13.03.2017  
 (54) Vacuum-cleaner filter bag comprising  
 dust-and/or fiber-like recycled material  
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*B01D 39/16* ( 2006.01 )  
*A47L 9/14* ( 2006.01 )  
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 tion using an overhead stream of a de-  
 methanizer as purge gas  
 (51) Int. Cl.  
*B01D 53/04* ( 2006.01 )  
*B01D 3/14* ( 2006.01 )  
*B01D 53/047* ( 2006.01 )  
*B01D 53/26* ( 2006.01 )  
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 swing adsorption processes related  
 thereto  
 (51) Int. Cl.  
*B01D 53/04* ( 2006.01 )  
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 pany  
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 tion using an overhead stream of a de-  
 methanizer as purge gas  
 (51) Int. Cl.  
*B01D 53/04* ( 2006.01 )  
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 are JAK inhibitors  
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*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
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**(51)** Int. Cl.  
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**F04D 29/24** ( 2006.01 )  
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**(51)** Int. Cl.

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**(54)** Interlocking wear-resistant panel system  
**(51)** Int. Cl.  
**B65G 11/16** ( 2006.01 )  
**B32B 3/00** ( 2006.01 )  
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**B32B 7/00** ( 2006.01 )  
**B65D 90/04** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
**A43C 7/08** ( 2006.01 )  
**A43C 11/24** ( 2006.01 )  
**A43C 19/00** ( 2006.01 )  
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**C07D 473/34** ( 2006.01 )  
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 two withdrawal ports  
**(51)** Int. Cl.  
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**(54)** A frozen aerated confectionery product  
 and a method for preparing such a  
 product  
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**A23G 9/38** ( 2006.01 )  
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 Maria  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.

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**(74)** FB Rice Pty Ltd

**(71)** G3 Enterprises, Inc.  
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 sensitive beverages  
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**B65D 53/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**C25B 15/02** ( 2006.01 )  
**C02F 1/467** ( 2006.01 )  
**C25B 1/26** ( 2006.01 )  
**C25B 9/00** ( 2006.01 )  
**C25B 15/08** ( 2006.01 )  
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 ily or of the milbemycin family for the  
 treatment and/or prevention of atopic  
 dermatitis  
**(51)** Int. Cl.  
**A61K 31/7048** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
**A61K 31/365** ( 2006.01 )  
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**(74)** Griffith Hack

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**(51)** Int. Cl.  
**B65H 75/42** ( 2006.01 )  
**A01K 3/00** ( 2006.01 )  
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**(72)** McKinley, Matthew Henry  
**(74)** James & Wells Intellectual Property

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 ment Co., Ltd.; Midea Group Co., Ltd.  
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 setting method and device therefor  
**(51)** Int. Cl.  
**F24H 9/20** ( 2006.01 )  
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**(72)** Luo, Mingwen  
**(74)** Cotters Patent & Trade Mark Attorneys

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 AG**  
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**(54)** Novel compositions and methods for  
 the treatment of immune related dis-  
 eases  
**(51)** Int. Cl.  
**A61P 37/02** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/564** ( 2006.01 )  
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*G01N 33/574* ( 2006.01 )  
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*C07K 16/32* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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*B65H 7/02* ( 2006.01 )  
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*A61K 31/42* ( 2006.01 )  
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*A61K 31/138* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 SERM (Institut National de la Sante et  
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**C05G 3/08** ( 2006.01 )  
**C05C 9/00** ( 2006.01 )  
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 girder  
 (51) Int. Cl.  
**B66C 6/00** ( 2006.01 )  
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(71) Kunming University of Science and Technology; China Nonferrous Metal Mining Group

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**B03B 7/00** ( 2006.01 )

**C22B 15/00** ( 2006.01 )

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**A01D 43/10** ( 2006.01 )

**A01D 82/02** ( 2006.01 )

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(51) Int. Cl.

**B23B 51/04** ( 2006.01 )

**B26F 1/16** ( 2006.01 )

**B65D 1/00** ( 2006.01 )

**B65D 1/02** ( 2006.01 )

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**L'Institut National Superieur des Sciences Agronomiques de L'Alimentation et de L'Environnement see L'Universite de Bourgogne**

(21) 2018203679

(71) L'Universite de Bourgogne; Merial, Inc.; L'Institut National Superieur des Sciences Agronomiques de L'Alimentation et de L'Environnement; Vitamfero S.A.

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**F16L 15/00** ( 2006.01 )

**F16L 19/06** ( 2006.01 )

**F16L 43/02** ( 2006.01 )

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**C12H 1/04** ( 2006.01 )

**C12H 1/052** ( 2006.01 )

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**D06F 33/02** ( 2006.01 )

**D06F 37/12** ( 2006.01 )

**D06F 37/24** ( 2006.01 )

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**B82Y 5/00** ( 2011.01 )  
**C07K 16/28** ( 2006.01 )  
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**(51)** Int. Cl.  
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**A61B 18/02** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )  
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**A61P 15/00** ( 2006.01 )  
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**G05D 1/00** ( 2006.01 )  
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*A61K 31/4155* ( 2006.01 )  
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**B65D 90/06** ( 2006.01 )  
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**G02B 6/38** ( 2006.01 )  
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**C12N 7/00** ( 2006.01 )  
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**(71)** Public University Corporation Yokohama City University; Corning Incorporated  
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**C12N 5/071** ( 2010.01 )  
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**(51)** Int. Cl.  
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**G01S 19/01** ( 2010.01 )  
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**C09K 21/00** ( 2006.01 )  
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**D01F 1/07** ( 2006.01 )  
**D01F 6/92** ( 2006.01 )  
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- (51) Int. Cl.  
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 inhibitors  
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*A61P 25/28* ( 2006.01 )  
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 antagonists with NMDA receptor antag-  
 onist  
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 B29C 45/16 ( 2006.01 )  
 B29B 11/08 ( 2006.01 )  
 B29C 45/76 ( 2006.01 )  
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<b>2013388359</b>	Meditech Endoscopy Limited	<b>2015202531</b>	TYR Tactical, LLC
<b>2013389280</b>	Prysmian S.p.A.	<b>2015202611</b>	Prysmian S.p.A.
<b>2014200191</b>	Single Buoy Moorings Inc.	<b>2015206736</b>	Microsoft Technology Licensing, LLC
<b>2014202014</b>	Merctech Pty Ltd	<b>2015207548</b>	MYGT Biopharmaceutical LLC
<b>2014213769</b>	HD3 Limited	<b>2015208299</b>	Smith & Nephew plc
<b>2014232562</b>	ServiceMesh, Inc.	<b>2015210425</b>	KONE CORPORATION
<b>2014232736</b>	ServiceMesh, Inc.	<b>2015211085</b>	G3 Enterprises, Inc.
<b>2014233552</b>	Orora Limited	<b>2015212442</b>	Kimberly-Clark Worldwide, Inc.
<b>2014234480</b>	Dolby International AB	<b>2015212600</b>	TCS John Huxley Europe Limited
<b>2014238177</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2015212606</b>	Umecrine Cognition AB
<b>2014239573</b>	Ansun Biopharma, Inc.	<b>2015212758</b>	BD Kiestra B.V.
<b>2014240564</b>	Qiagen Sciences, LLC	<b>2015213537</b>	Trudell Medical International
<b>2014253670</b>	DorsaVi Pty Ltd	<b>2015214132</b>	Katholieke Universiteit Leuven; INSERM (Institut National de la Sante et de la Recherche Medicale); Universite de Caen Basse Normandie; Centre Hospitalier Universitaire de Caen
<b>2014268224</b>	Hunan Er-Kang Pharmaceutical Co., Ltd.	<b>2015215162</b>	Safran Electronics & Defense
<b>2014273034</b>	Innova Biosciences Ltd	<b>2015215622</b>	iCandy World Limited
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<b>2014274574</b>	Covidien LP	<b>2015216595</b>	C.I.B. Unigas S.p.A.
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<b>2014286185</b>	Universitat Heidelberg	<b>2015218375</b>	Dali Systems Co. Ltd.
<b>2014287427</b>	MIDWESTERN UNIVERSITY	<b>2015219112</b>	Snowflake Inc.
<b>2014292924</b>	CytomX Therapeutics, Inc.	<b>2015219354</b>	Ethicon Endo-Surgery, LLC
<b>2014296243</b>	Regeneron Pharmaceuticals, Inc.	<b>2015219495</b>	IBC Pharmaceuticals, Inc.
<b>2014296415</b>	The Children's Hospital of Philadelphia	<b>2015219884</b>	Alpha Corporation
<b>2014298893</b>	Amadeus S.A.S.	<b>2015221258</b>	3Dintegrated ApS
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<b>2014301961</b>	Dermcare-Vet Pty Ltd	<b>2015222283</b>	Affiris AG
<b>2014304930</b>	Affimed GmbH	<b>2015222843</b>	Altria Client Services LLC
<b>2014305778</b>	Novan, Inc.	<b>2015226548</b>	Union Medico ApS
<b>2014306956</b>	AstraZeneca AB	<b>2015226831</b>	Royal Melbourne Institute of Technology
<b>2014306959</b>	AstraZeneca AB	<b>2015227303</b>	Blue Belt Technologies, Inc.
<b>2014309040</b>	Microsoft Technology Licensing, LLC	<b>2015228548</b>	AMO Groningen B.V.
<b>2014310935</b>	CureVac AG	<b>2015229243</b>	Bodor Laboratories, Inc.
<b>2014311854</b>	Chevron U.S.A. Inc.	<b>2015230291</b>	Unisense Fertilitect A/S
<b>2014313866</b>	Decima Health Limited	<b>2015230905</b>	Philip Morris Products S.A.
<b>2014314055</b>	Pharnext	<b>2015234860</b>	Nisshin Steel Co., Ltd.
<b>2014314303</b>	UCB Biopharma SPRL	<b>2015235994</b>	Applied Medical Resources Corporation
<b>2014318702</b>	Abrahamsohn, G.	<b>2015236054</b>	Five3 Genomics, LLC
<b>2014324670</b>	Codexis, Inc.	<b>2015237373</b>	Hydroxsys Holdings Limited
<b>2014334842</b>	Intuit Inc.	<b>2015238880</b>	John Deere Forestry Oy
<b>2014338864</b>	PSIOXUS THERAPEUTICS LIMITED	<b>2015241412</b>	ATI Properties LLC
<b>2014339698</b>	Lyft, Inc.	<b>2015242507</b>	Cipla (EU) Limited
<b>2014340263</b>	Tyme, Inc.	<b>2015243012</b>	Roto-gro Inc.
<b>2014342412</b>	Clexio Biosciences Ltd.	<b>2015243097</b>	DePuy Synthes Products, Inc.
<b>2014347669</b>	Medial Research Ltd.	<b>2015244021</b>	Aquanta Inc.
<b>2014350144</b>	Société des Produits Nestlé S.A.	<b>2015246635</b>	Blast Boss Pty Ltd
<b>2014356444</b>	Galderma SA	<b>2015248061</b>	Microsoft Technology Licensing, LLC
<b>2014361104</b>	BAE Systems PLC	<b>2015249511</b>	Tyco Fire & Security GmbH
<b>2014364248</b>	Martin, T.	<b>2015253103</b>	Intuit Inc.
<b>2014364345</b>	Innovative Building Technologies, LLC	<b>2015253949</b>	Mellon Medical B.V.
<b>2014370289</b>	Trading Technologies International, Inc.	<b>2015255979</b>	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
<b>2014371445</b>	LIHIT LAB., Inc.	<b>2015256507</b>	Noramco, Inc.
<b>2014372174</b>	Schilder, J.	<b>2015257489</b>	Optasense Holdings Limited
<b>2014373710</b>	Gracenote, Inc.	<b>2015257897</b>	AGFA NV
<b>2014374302</b>	Intuit Inc.	<b>2015258114</b>	Helen of Troy Limited
<b>2014375413</b>	Electrolux Appliances Aktiebolag	<b>2015258115</b>	Helen of Troy Limited
<b>2014393634</b>	Abanza Tecnomed, S.L.	<b>2015258193</b>	Oticon Medical A/S
<b>2014398172</b>	ASAP BreatheAssist Pty Ltd	<b>2015258757</b>	Parker, D.
<b>2014398875</b>	Tocopherx, Inc.	<b>2015259302</b>	Mating Components, LLC
<b>2014402251</b>	Beijing Fulcan Bio-Technology Co., Ltd.	<b>2015260468</b>	Niigata University
<b>2015201172</b>	K2M, Inc.	<b>2015261812</b>	F. Hoffmann-La Roche AG
<b>2015201351</b>	Covidien LP		

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2015261814	Carlsberg Breweries A/S	2015339357	Avent, Inc.
2015263063	Sarosi, G.	2015340359	Big DNA Ltd
2015263830	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD	2015340496	Haldor Topsoe A/S
2015263848	Loggo IP Pty Ltd in its Capacity as Trustee for Thornton IP Trust	2015341070	Merck Patent GmbH
2015266576	Penn, J.	2015342057	S.P.C.M. SA
2015267252	Eaton Intelligent Power Limited	2015343471	DePuy Synthes Products, Inc.
2015268876	Shop Vac Corporation	2015348036	Saint-Gobain Placo SAS
2015272024	FlyClip LLC	2015348617	Saint-Gobain Placo
2015278731	Piramal Enterprises Limited	2015352059	Makro Labelling S.R.L.
2015279350	Philip Morris Products S.A.	2015352800	Dematic GmbH
2015280437	Ember Technologies, Inc.	2015353026	Casale SA
2015283074	Stichting Katholieke Universiteit	2015357284	ARS S.r.l.
2015283101	Capartis AG	2015360683	Rehabilitation Institute of Chicago
2015283817	Commonwealth Scientific and Industrial Research Organisation	2015362720	Celgene Corporation
2015284114	Anellotech, Inc.	2015364403	Hubbell Incorporated
2015284463	Amgen Inc.	2015366120	HEGAIN 2100 Consulting S.L.; 20EMMA20 S.L.
2015286721	Janssen Vaccines & Prevention B.V.	2015366189	Fresenius Kabi Deutschland GmbH
2015286723	Janssen Vaccines & Prevention B.V.	2015367391	Haulotte Group
2015287674	Novan, Inc.	2015371137	BASF SE
2015288950	Gaffey Technical Services Limited	2015372368	The University of Melbourne
2015290007	Advenchen Pharmaceuticals, Nanjing Ltd.	2015372429	Coombes, R.
2015292632	Boehringer Ingelheim International GmbH	2015374244	Covidien LP
2015292777	Cohere Technologies, Inc.	2015378665	Montag Investments, LLC
2015293541	Piramal Enterprises Limited	2015383598	Sandvik Intellectual Property AB
2015294110	Bayer CropScience Aktiengesellschaft	2015409405	SoundEnergy B.V.
2015294663	BIO.LO.GA. S.r.l.	2015411108	FUJI CORPORATION
2015295184	Dendrogenix	2015411582	Interactive Intelligence Group, Inc.
2015295285	Carpi Tech B.V.	2015419252	Colgate-Palmolive Company
2015298547	Salts Healthcare Limited	2015419259	Colgate-Palmolive Company
2015301432	THE JOHNS HOPKINS UNIVERSITY	2016201148	Covidien LP
2015301641	Biomet Manufacturing, LLC.	2016201444	Apple Inc.
2015302099	Dematic Corp.	2016202359	The Boeing Company
2015305017	Speedo International Limited	2016204734	Grifols, S.A.
2015305371	Dignity Health	2016207976	CommScope Connectivity UK Limited
2015306231	apceth GmbH & Co. KG	2016208930	Wenzhou Uniclever Gift Innovation Co., Ltd
2015306892	Avent, Inc.	2016209963	FLSmidth A/S
2015307056	Victaulic Company	2016211272	Qualcomm Incorporated
2015311563	RSEM, Limited Partnership	2016214308	Konecranes Global Corporation
2015313221	Cytokinetics Incorporated; Astellas Pharma Inc.	2016214496	Bayer CropScience Aktiengesellschaft
2015313353	Kyoraku Co., Ltd.	2016214592	Construction Research & Technology GmbH
2015314499	EVVA Sicherheitstechnologie GmbH.	2016214792	Coloplast A/S
2015314920	CPG Technologies, LLC.	2016214793	Coloplast A/S
2015314923	CPG Technologies, LLC	2016215173	Memorial Sloan Kettering Cancer Center
2015314927	CPG Technologies, LLC.	2016216253	Beyondbio Inc.
2015315593	Medtronic Xomed, Inc.	2016217655	Huntsman P&A UK Limited
2015316199	Telefonaktiebolaget LM Ericsson (Publ)	2016217967	Kverneland Group Kerteminde AS
2015316425	Chugai Seiyaku Kabushiki Kaisha	2016218190	Schunk Hoffmann Carbon Technology AG
2015317711	Bayer CropScience LP	2016218353	Qualcomm Incorporated
2015320510	F. Hoffmann-La Roche AG; Genentech, Inc.	2016223099	Koch Agronomic Services, LLC
2015321416	King Furniture Australia Pty Ltd	2016223160	Qualcomm Incorporated
2015321653	Fosbel, Inc.	2016224993	Calcimedica, Inc.
2015323684	Anheuser-Busch InBev S.A.	2016226461	Qualcomm Incorporated
2015325104	Stryker European Holdings I, LLC	2016228029	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
2015327098	Eaton Intelligent Power Limited	2016229198	Owens-Brockway Glass Container Inc.
2015327393	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.	2016231996	BAE Systems PLC
2015327724	Lupke, M.; Lupke, S.	2016235731	Bendix Spicer Foundation Brake LLC
2015328121	Oncternal Therapeutics, Inc.	2016238233	Amgen Inc.
2015328307	Flatley Discovery Lab, LLC	2016238617	Lesaffre et Compagnie
2015328357	Scott Technologies, Inc.	2016240220	Molecular Partners AG
2015328491	Qualcomm Incorporated	2016241226	Southern Innovationz Limited
2015328523	Qualcomm Incorporated	2016246737	Memorial Sloan Kettering Cancer Center; Cornell University; The Curators of the University of Missouri
2015328533	Newracom, Inc	2016247422	FrieslandCampina Nederland B.V.
2015330129	Sandvik Intellectual Property AB	2016248097	The Quaker Oats Company
2015330441	Coloplast A/S	2016249109	Schott Kaisha Pvt. Ltd.
2015331623	Diversey, Inc.	2016249929	Adtoox AB
2015332733	Sika Technology AG	2016250091	The Quaker Oats Company
2015336008	The Board of Trustees of the Leland Stanford Junior University	2016250908	Rainbow Bee Eater IP Pty Ltd
2015337025	Qualcomm Incorporated	2016251902	Q.E.D. Environmental Systems, Inc.
		2016253422	Farmers Edge Inc.
		2016256573	H. Lundbeck A/S



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2016257166	Biosafe S.A.	2017204382	The United States of America, as represented by the Secretary of Agriculture; Empresa Brasileira de Pesquisa Agropecuaria; The Texas A & M University System
2016257387	Walther Flender GmbH		
2016258027	Plexxikon Inc.		
2016263229	Aho, R.; Aho, R.		
2016263523	TDF; Universite de Rennes 1	2017204797	Xencor, Inc.
2016265602	AB Medica	2017205545	Je Il Pharmaceutical Co., Ltd.
2016283107	Linear Health Science, LLC	2017206182	CommScope Technologies LLC
2016288714	Command Alkon Incorporated	2017206728	Boston Scientific Neuromodulation Corporation
2016291566	Greeneden U.S. Holdings II, LLC	2017207367	MarkForged, Inc.
2016293674	Bioxcel Therapeutics, Inc.	2017209761	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG
2016295792	Sasol Performance Chemicals GmbH		
2016297565	Lockdowel, Inc.	2017215419	Innopharma, Inc.
2016297566	Lockdowel, Inc.	2017220115	Boston Scientific Neuromodulation Corporation
2016299036	MediaTek Inc.	2017221107	Viega Technology GmbH & Co. KG
2016304925	Securus Medical Group, Inc.	2017221784	GENENTECH, INC.
2016315900	Mastercard Technologies Canada ULC	2017224279	Siemens Aktiengesellschaft
2016317060	Ranpak Corporation	2017225061	GENENTECH, INC.
2016317385	Exxonmobil Upstream Research Company	2017225083	Whitehead Institute for Biomedical Research
2016317386	Exxonmobil Upstream Research Company	2017225100	Mitsubishi Australia Limited
2016317387	Exxonmobil Upstream Research Company	2017225161	The Trustees of the University of Pennsylvania
2016318302	The Arizona Board of Regents on behalf of The University Of Arizona; Metoxs Pte. Ltd.	2017225642	ARRIS Enterprises LLC
		2017227207	Sumitomo Metal Mining Co., Ltd.
2016319229	Kawasaki Jukogyo Kabushiki Kaisha	2017227280	FUJIFILM Corporation
2016326332	MASTERCARD INTERNATIONAL INCORPORATED	2017228415	Apex Biomedical Company, LLC
2016333348	Outotec (Finland) Oy	2017228430	Manufacturing Resources International, Inc.
2016334076	Kawasaki Jukogyo Kabushiki Kaisha	2017228603	Bluedot Innovation Pty Ltd
2016334085	Bioniz, LLC	2017230513	Bobst Mex SA
2016335123	Google LLC	2017232084	Amgen Inc.
2016340013	Shriro Australia Pty Limited	2017232090	Hangzhou Chic Intelligent Technology Co., Ltd
2016341192	3M Innovative Properties Company	2017233900	Eurofilters N.V.
2016348358	Methode Electronics, Inc.	2017234646	Eli Lilly and Company
2016353573	LG Chem, Ltd.	2017236047	Agensys, Inc.; Seattle Genetics, Inc.
2016358270	Glory Ltd.	2017236400	Dyson Technology Limited
2016362964	Isolynx, LLC	2017237179	Noxtak Corp.
2016368278	Daylight Medical, Inc.	2017237899	Eli Lilly and Company
2016371789	Borealis AG	2017239622	Precision Planting LLC
2016380347	Intact Vascular, Inc.	2017240483	Becton, Dickinson and Company
2016380716	Beijing Kingsoft Office Software, Inc.; Zhuhai Kingsoft Office Software Co., Ltd; Guangzhou Kingsoft Mobile Technology Co., Ltd	2017241587	Vista Outdoor Operations LLC
		2017243398	Huawei Technologies Co., Ltd.
2016382741	Alibaba Group Holding Limited	2017245386	Protek Cargo, Inc.
2016382788	Indian Motorcycle International, LLC	2017245406	Weatherford Technology Holdings, LLC
2016384627	Waymo LLC	2017248470	4DX LIMITED
2016385282	Elyson Pharm	2017248528	Fisher & Paykel Healthcare Limited
2016393382	Carl Freudenberg KG	2017248549	Boston Scientific Scimed, Inc.
2016393930	Mitsubishi Electric Corporation	2017248555	Gen-Probe Incorporated
2016396079	Google LLC	2017250221	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2016396263	Qingdao Haier Joint Stock Co., Ltd		
2016404607	Guangdong Zhongke Huatong New Materials Technology Co., Ltd.	2017251689	Depuy Ireland Unlimited Company
		2017251789	IGT
2016404892	Huawei Technologies Co., Ltd.	2017251798	Teleflex Medical Incorporated
2016405587	Google LLC	2017252254	Ecolab USA Inc.
2016405671	Outotec (Finland) Oy	2017252429	PRC-DeSoto International, Inc.
2016407427	Suven Life Sciences Limited	2017253317	Ricoh Company, Ltd.
2016407428	Suven Life Sciences Limited	2017253763	SEW-EURODRIVE GmbH & Co. KG
2016412194	Infotronic Technology Limited	2017254807	Magic Leap, Inc.
2016412539	Essity Hygiene and Health Aktiebolag	2017255443	Intuit Inc.
2016412742	GD Midea Heating & Ventilating Equipment Co., Ltd.; Midea Group Co., Ltd.	2017257545	QED Labs Inc.
		2017258943	Lake Products Limited
2016413532	Alfa Laval Corporate AB	2017258961	Vysoke Uceni Technicke V Brne
2016420300	Dong-A ST Co., Ltd.	2017259964	Cook Medical Technologies LLC
2016421246	TTI (Macao Commercial Offshore) Limited	2017261532	AG Inc.
2016421324	Essity Hygiene and Health Aktiebolag	2017261625	Janssen Biotech, Inc.
2016421325	Essity Hygiene and Health Aktiebolag	2017263073	British American Tobacco (Investments) Limited
2016423774	Colgate-Palmolive Company	2017263180	Telefonaktiebolaget LM Ericsson (publ)
2016426987	Colgate-Palmolive Company	2017265015	Applied Medical Resources Corporation
2016429362	Colgate-Palmolive Company	2017265097	Deltide Energy Services LLC
2017200059	Ecolab USA Inc.	2017265111	ETH Zuerich
2017202587	Apple Inc.	2017265124	Becton, Dickinson and Company
2017204219	Yoshino Kogyosho Co., Ltd.	2017265177	Apple Inc.
2017204264	DEKA Products Limited Partnership	2017266608	Telefonaktiebolaget LM Ericsson (publ)
2017204279	Gallagher Group Limited	2017268486	Biocept, Inc.; Aegea Biotechnologies
		2017268549	The Boeing Company

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2017268599	Ping An Technology (Shenzhen) Co., Ltd.	2018200571	Advent Bio Holdings LLC; The Regents of the University of Colorado, a Body Corporate; Konkuk University
2017268612	Bripco BVBA	2018200640	ESBATEch, an Alcon Biomedical Research Unit LLC
2017268634	In3Bio Ltd.; Charlton, K.; D'Hondt, E.	2018200783	Apple Inc.
2017270808	British American Tobacco (Investments) Limited	2018200785	MasterCard International Incorporated
2017272152	Mindlab, LLC	2018200786	Band-Lok, LLC
2017272181	Baker Hughes, a GE company, LLC	2018200946	Petroliam Nasional Berhad (Petronas)
2017272209	Boehringer Ingelheim International GmbH	2018201107	Flow Control LLC.
2017277043	Interroll Holding AG	2018201151	Mayo Foundation for Medical Education and Research
2017277989	Omega Ophthalmics LLC	2018201279	Merck Sharp & Dohme Corp.
2017279566	Lockheed Martin Corporation	2018201400	Pharnext
2017279569	Aerovironment	2018201624	Google LLC
2017279583	Hanmi Pharm. Co., Ltd	2018201658	ResMed Pty Ltd
2017279808	Goldfields Collections Pty Ltd	2018201694	SCHLUMBERGER TECHNOLOGY B.V.
2017283407	Suzhou Yabao Pharmaceutical R&D Co., Ltd.; LifeArc	2018201758	Xyleco, Inc.
2017285015	The Procter & Gamble Company	2018201774	ETHICON ENDO-SURGERY, INC.
2017285867	LG Electronics Inc.	2018201801	FWP IP APS
2017286113	Apple Inc.	2018201828	Bugsy Solar LLC
2017288899	EP Pharma LLC	2018201965	DMNoMore
2017289071	The General Hospital Corp Dbm Massachusetts General Hospital	2018201981	AbbVie Inc.
2017291414	Eli Lilly and Company	2018201997	LIPOTEC S.A.
2017294107	S.A. Lhoist Recherche et Developpement	2018202074	Kala Pharmaceuticals, Inc
2017295131	American Sterilizer Company	2018202098	Optimedica Corporation
2017296026	Eli Lilly and Company	2018202115	AbbVie Biotechnology Ltd
2017296410	Apple Inc.	2018202175	4-WEB, INC.
2017296886	Totani Corporation	2018202407	Amazentis SA
2017300421	IHI Corporation	2018202445	Canon Kabushiki Kaisha
2017305945	Veolia Water Solutions & Technologies Support	2018202454	Agrigenetics, Inc.
2017306079	Polygroup Macau Limited (BVI)	2018202458	Apple Inc.
2017308753	Instrumentation Laboratory Company	2018202701	Philip Morris Products S.A.
2017310506	Adamis Pharmaceuticals Corporation	2018202832	Xyleco, Inc.
2017311326	Baker Hughes, a GE Company, LLC	2018203048	Aroma System S.r.l.
2017319515	MAKO Surgical Corp.	2018203069	Joy Global Surface Mining Inc
2017326029	Nanjing Chuangte Pharmaceutical Technology Co., Ltd	2018203159	Emudent Technologies Pty Ltd
2017329950	Phan, A.	2018203313	IPS Corporation
2017330320	Colgate-Palmolive Company	2018203346	United Kingdom Research and Innovation
2017331369	The Procter & Gamble Company	2018203371	GLYTECH, LLC
2017333054	Shenzhen Chipscreen Biosciences Co., Ltd.	2018203394	Intel Corporation
2017333663	Boston Scientific Limited	2018203501	Forever Cheer International Limited
2017335250	Sumitomo Metal Mining Co., Ltd.	2018203506	MASTERCARD INTERNATIONAL INCORPORATED
2017335569	Intelligent Virus Imaging Inc.	2018203679	L'Universite de Bourgogne; Merial, Inc.; L'Institut National Superieur des Sciences Agronomiques de L'Alimentation et de L'Environnement; Vitamfero S.A.
2017335994	Boston Scientific SciMed, Inc.	2018203696	Gilead Pharmasset LLC
2017345024	Kleemann GmbH	2018203765	Toyota Jidosha Kabushiki Kaisha; Kabushiki Kaisha
2017345158	Waymo LLC	2018203799	Toyota Jidoshokki
2017346249	The Asan Foundation	2018203867	Samsung Electronics Co., Ltd.
2017348332	Medtronic Ardian Luxembourg S.a.r.l.	2018203970	ABB Schweiz AG
2017348835	rebarriQue Verwaltungs GmbH & Co. KG	2018204027	GENENTECH, INC.
2017349184	Shell Internationale Research Maatschappij B.V.	2018204072	Janssen Sciences Ireland UC
2017354503	Mitsubishi Heavy Industries Engineering, Ltd.	2018204177	Intuit Inc.
2017354868	American Sterilizer Company	2018204295	FISHER & PAYKEL HEALTHCARE LIMITED
2017355473	Phyn LLC	2018204322	Aristocrat Technologies Australia Pty Limited
2017359159	W.L. Gore & Associates, Inc.	2018204384	Hollister Incorporated
2017359769	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd.	2018204386	Cmech (Guangzhou) Ltd.
2017363490	Boston Scientific Limited	2018204392	Sasakura Engineering Co., Ltd.
2017383463	Ratti, J.	2018204485	Aragon Pharmaceuticals, Inc.
2017388076	Dang, J.	2018204544	Monsanto Technology LLC
2017394951	Essity Hygiene and Health Aktiebolag	2018204667	Rohm and Haas Company
2017403278	Kunming University of Science and Technology; China Nonferrous Metal Mining Group	2018204762	Dioxide Materials, Inc.
2018200081	MAHIDOL UNIVERSITY; THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION	2018204790	Boston Scientific Scimed, Inc.
2018200169	Sky Motion Research, ULC	2018204858	PGS Geophysical AS
2018200183	Apple Inc.	2018204909	MEDACTA INTERNATIONAL SA
2018200234	Sebela VLC Limited	2018204943	Greyrock Energy, Inc.
2018200396	Hyland Switzerland Sàrl	2018205100	LS Cable & System Ltd.
2018200411	Align Technology, Inc.	2018205151	Colgate-Palmolive Company
2018200495	Precision Planting LLC	2018205838	Zimmer, Inc.
		2018206745	Mundipharma Pty. Limited
		2018206830	NTT DOCOMO, INC.
		2018206831	NTT DOCOMO, INC.
		2018208375	Siemens Mobility, Inc.

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2018208696	EADS Secure Networks
2018213994	Schlage Lock Company LLC
2018214092	Nien Made Enterprise Co., Ltd.
2018217275	Accenture Global Solutions Limited
2018220116	TNBT Holdings Pty Limited
2018226215	Philogen S.p.A.
2018229539	Halliburton Energy Services, Inc.
2018232645	LG Electronics Inc.
2018232928	Apple Inc.
2018232998	WUHAN CHANGSHENG MINE SECURITY TECHNOLOGY LIMITED; CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING
2018236742	Halozyme, Inc.
2018236879	Insitu, Inc.
2018241092	Accenture Global Solutions Limited
2018241152	DAH FENG CAPSULE INDUSTRY CO., LTD
2018242434	Daikin Industries, Ltd.
2018245787	Daikin Industries, Ltd.
2018249887	Daikin Industries, Ltd.
2018250400	Nalco Company
2018253455	SunPower Corporation
2018256502	SKIDATA AG
2018256565	Kabushiki Kaisha Nihon Yushutsu Jidousha Kensa Centre
2018260580	Wilden Pump And Engineering LLC
2018260896	Hipsley, A.
2018260930	Apple Inc.
2018271400	LANDA LABS (2012) LTD
2018276929	Zbom Home Collection Co., Ltd.
2018278855	Covidien LP
2018278950	ConMed Corporation
2018279788	Apple Inc.
2018312629	Apple Inc.
2018357933	Southern Research Institute; The UAB Research Foundation
2019200148	Victaulic Company
2019200193	Board of Regents, the University of Texas System; Soliton, Inc.
2019200225	Align Technology, Inc
2019200394	Wintersun Co., Ltd.
2019200990	JVC Kenwood Corporation
2019201173	BicycleRD Limited
2019201243	Colgate-Palmolive Company
2019201559	The NOCO Company
2019201639	Depuy Ireland Unlimited Company
2019201731	Heraeus Medical GmbH
2019201859	ObsEva SA
2019202384	Topcon Positioning Systems, Inc.
2019202647	Magenta Medical Ltd.
2019202779	Covidien LP
2019202997	Afton Chemical Corporation
2019203473	Apple Inc.
2019203527	The Gillette Company LLC
2019204119	CJ Cheiljedang Corporation
2019204469	Covidien LP
2019213416	Apple Inc.
2019219870	Flow-Rite Controls, Ltd.
2019232885	ServiceNow, Inc.
2019236752	Boston Scientific Scimed, Inc.
2019250699	Boyd, G.
2019253859	Shifamed Holdings, LLC

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<b><u>A01B 79 /-</u></b>	2015294110	2015305017	<b><u>A47C 27 /-</u></b>	2015226831	2018203159
2019202384	<b><u>A01N 43 /-</u></b>	<b><u>A41F 15 /-</u></b>	2017306079	2015243097	<b><u>A61C 3 /-</u></b>
<b><u>A01C 15 /-</u></b>	2015294110	2015305017	<b><u>A47C 31 /-</u></b>	2015253949	2018203159
2015378665	2016214496	<b><u>A41F 5 /-</u></b>	2017306079	2015283074	<b><u>A61F 13 /-</u></b>
<b><u>A01C 5 /-</u></b>	<b><u>A01N 45 /-</u></b>	2015305017	<b><u>A47C 4 /-</u></b>	2015301641	2015208299
2017239622	2016215173	2015305017	2015201693	2015315593	2016412539
2018200495	<b><u>A01N 63 /-</u></b>	<b><u>A42B 3 /-</u></b>	2015201693	2015325104	2017394951
<b><u>A01D 43 /-</u></b>	2015317711	2017228415	<b><u>A47C 7 /-</u></b>	2015343471	<b><u>A61F 2 /-</u></b>
2016217967	<b><u>A01P 17 /-</u></b>	<b><u>A43C 11 /-</u></b>	2015321416	2015374244	2014393634
<b><u>A01D 69 /-</u></b>	2016214496	2015272024	<b><u>A47D 13 /-</u></b>	2016201148	2015221457
2016421246	<b><u>A01P 21 /-</u></b>	<b><u>A43C 19 /-</u></b>	2015215622	2017259964	2015226831
<b><u>A01D 82 /-</u></b>	2015317711	2015272024	<b><u>A47G 1 /-</u></b>	2017333663	2015228548
2016217967	<b><u>A22C 13 /-</u></b>	<b><u>A43C 7 /-</u></b>	2016297565	2017335994	2015243097
<b><u>A01G 23 /-</u></b>	2014202014	2015272024	<b><u>A47G 19 /-</u></b>	2017363490	2016380347
2015238880	<b><u>A23B 7 /-</u></b>	<b><u>A45D 1 /-</u></b>	2015280437	2018200786	2017251689
<b><u>A01G 31 /-</u></b>	2017225100	2014213769	<b><u>A47J 31 /-</u></b>	2018202175	2017277989
2019219870	<b><u>A23G 3 /-</u></b>	<b><u>A45D 20 /-</u></b>	2018203048	2018278950	2017319515
<b><u>A01G 9 /-</u></b>	2016248097	2017236400	<b><u>A47J 36 /-</u></b>	2019200193	2017359159
2015243012	2016250091	<b><u>A45F 3 /-</u></b>	2015280437	2019201639	2018202098
2017279808	<b><u>A23G 9 /-</u></b>	2015202531	<b><u>A47J 37 /-</u></b>	2019202647	2018204790
<b><u>A01H 4 /-</u></b>	2016247422	<b><u>A46B 1 /-</u></b>	2016340013	<b><u>A61B 18 /-</u></b>	2018204909
2018202454	<b><u>A23L 2 /-</u></b>	2017330320	<b><u>A47L 15 /-</u></b>	2015306892	2018205838
<b><u>A01H 5 /-</u></b>	2016238617	<b><u>A46B 15 /-</u></b>	2017200059	2015374244	2019201639
2018202454	<b><u>A23L 29 /-</u></b>	2018205151	<b><u>A47L 9 /-</u></b>	2016265602	2019201731
<b><u>A01J 11 /-</u></b>	2018241152	<b><u>A46B 5 /-</u></b>	2015268876	2017348332	2019253859
2015237373	<b><u>A23L 3 /-</u></b>	2018205151	2017233900	<b><u>A61B 3 /-</u></b>	<b><u>A61F 5 /-</u></b>
<b><u>A01K 3 /-</u></b>	2017225100	<b><u>A46B 9 /-</u></b>	<b><u>A61B 1 /-</u></b>	2015305371	2014398172
2017204279	<b><u>A23P 10 /-</u></b>	2018205151	2013388359	<b><u>A61B 34 /-</u></b>	2015298547
<b><u>A01M 1 /-</u></b>	2014268224	<b><u>A46D 1 /-</u></b>	2015221258	2015227303	2015330441
2015230905	<b><u>A24F 47 /-</u></b>	2017330320	2015258114	2017348332	2016214792
<b><u>A01M 19 /-</u></b>	2015222843	<b><u>A46D 3 /-</u></b>	2015258115	<b><u>A61B 5 /-</u></b>	2016214793
2018256565	2015230905	2018205151	2016304925	2014253670	<b><u>A61F 6 /-</u></b>
<b><u>A01N 1 /-</u></b>	2017263073	<b><u>A47C 1 /-</u></b>	2017248470	2014347669	2018200234
2018203679	<b><u>A41B 9 /-</u></b>	2015201693	2017295131	2015221258	<b><u>A61F 9 /-</u></b>
<b><u>A01N 33 /-</u></b>	2016412539	<b><u>A47C 17 /-</u></b>	2017306079	2015258114	2017277989
2017272152	2015305017	2015321416	2017319515	2015258115	2018202098
<b><u>A01N 37 /-</u></b>	<b><u>A41D 7 /-</u></b>	<b><u>A47C 21 /-</u></b>	2017348332	2015306892	2018260896
		2017306079	2018202115	2015360683	<b><u>A61G 5 /-</u></b>
			2018278855	2016304925	2015411108
			2019202647	2017248470	<b><u>A61G 7 /-</u></b>
			2019236752	2017295131	2015411108
				2017306079	2017306079
				2017319515	<b><u>A61H 1 /-</u></b>
				2017348332	2015259302
				2018202115	<b><u>A61H 19 /-</u></b>
				2018278855	2015259302
				2019202647	<b><u>A61H 23 /-</u></b>
				<b><u>A61B 6 /-</u></b>	2015259302
				2017248470	
				2017319515	
				2019202779	
				2019204469	
				<b><u>A61B 8 /-</u></b>	
				2017319515	
				<b><u>A61C 1 /-</u></b>	
				2014274574	
				2015201172	
				2015201351	
				2015219354	
				2015221258	

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<b>A61J 1 /-</b>	2015316425 2015372368	<b>A61K 47 /-</b>	2016412539	2017204264 2017234646 2017237899 2017240483 2018201981 2018202115	2015316425 2016238233 2017232084 2017272209 2018201965 2018202407 2018357933
2015366189 2017215419	<b>A61K 35 /-</b>	2014305778 2014356444 2015217275 2016215173 2016385282 2017227280 2017310506 2018201279 2018202074 2018204485 2018206745	<b>A61L 2 /-</b>		
<b>A61J 3 /-</b>	2014300650 2014338864 2015306231 2017225161	<b>A61K 36 /-</b>	2015331623 2016368278 2017215419	<b>A61N 1 /-</b>	
2014268224	<b>A61K 31 /-</b>	2014276836 2017204382 2017285015	<b>A61L 24 /-</b>	2015258193 2015339357 2017206728 2017220115 2017237179	<b>A61P 31 /-</b>
<b>A61K 31 /-</b>		<b>A61K 38 /-</b>	2015330441		2014301961 2014350144 2015207548 2018200081
2014296415 2014301961 2014314055 2014340263 2014342412 2014350144 2014356444 2014398875 2015212606 2015229243 2015261812 2015278731 2015292632 2015293541 2015294663 2015295184 2015311563 2015313221 2015316425 2015328121 2015328307 2015340359 2015362720 2015419252 2016215173 2016216253 2016224993 2016256573 2016258027 2016353573 2016385282 2016407427 2016407428 2016420300 2017205545 2017215419 2017227280 2017236047 2017272209 2017283407 2017288899 2017289071 2017296026 2017310506 2017326029 2018200081 2018201279 2018201400 2018201801 2018202407 2018202701 2018203371 2018203501 2018203696 2018204485 2018206745 2018357933 2019201859	<b>A61K 36 /-</b>		<b>A61L 27 /-</b>		
			2015301432 2017277989	<b>A61N 7 /-</b>	
<b>A61K 31 /-</b>		<b>A61K 48 /-</b>	<b>A61L 29 /-</b>	2019200193	<b>A61P 35 /-</b>
2014296415 2014301961 2014314055 2014340263 2014342412 2014350144 2014356444 2014398875 2015212606 2015229243 2015261812 2015278731 2015292632 2015293541 2015294663 2015295184 2015311563 2015313221 2015316425 2015328121 2015328307 2015340359 2015362720 2015419252 2016215173 2016216253 2016224993 2016256573 2016258027 2016353573 2016385282 2016407427 2016407428 2016420300 2017205545 2017215419 2017227280 2017236047 2017272209 2017283407 2017288899 2017289071 2017296026 2017310506 2017326029 2018200081 2018201279 2018201400 2018201801 2018202407 2018202701 2018203371 2018203501 2018203696 2018204485 2018206745 2018357933 2019201859	<b>A61K 38 /-</b>	2015207548 2018200081	2018204384	<b>A61P 11 /-</b>	2014304930 2014340263 2014402251 2015207548 2015278731 2015328121 2015340359 2016246737 2016258027 2017225161 2017227280 2017283407 2017296026 2017326029 2018201151 2018202407 2018204485
			<b>A61L 9 /-</b>	2015261812 2015294663	
		<b>A61K 49 /-</b>	<b>A61M 1 /-</b>		
		2014273034	2015283074 2016257166 2019202647	<b>A61P 13 /-</b>	2015292632 2015313221 2015316425
		<b>A61K 51 /-</b>	<b>A61M 11 /-</b>	2015292632 2015313221 2015316425	
		2016246737	2017288899	<b>A61P 15 /-</b>	2014276836 2014398875 2015207548
		<b>A61K 6 /-</b>	<b>A61M 15 /-</b>	2014276836 2014398875 2015207548	
		2015372368	2015242507 2017288899	<b>A61P 17 /-</b>	
		<b>A61K 8 /-</b>	<b>A61M 16 /-</b>	2014356444 2018204485	
		2014313866 2014318702 2015216712 2015372368 2015419259 2016423774 2016426987 2016429362 2019201243 2019203527	2015213537 2016283107 2017248528 2018201658 2018204295	<b>A61P 25 /-</b>	2014314303 2015278731 2015294663 2015311563 2017221784 2018200081
		<b>A61K 9 /-</b>	<b>A61M 25 /-</b>	2014287427 2014314055 2014342412 2015212606 2016256573 2016407427 2016407428 2017283407 2017291414 2018201400 2018202407 2018203501 2018206745	<b>A61P 43 /-</b>
		2014268224 2014340263 2014342412 2014356444 2015217275 2015287674 2015294663 2015341070 2016412539 2017215419 2017227280 2017279583 2017285015 2017288899 2017331369 2017359159 2018201801 2018202074 2018203679 2018204485 2018206745 2018241152	2016283107 2017240483 2017248549 2017251798 2018204384	<b>A61P 5 /-</b>	2015212606 2015316425 2018202407
		<b>A61K 9 /-</b>	<b>A61M 31 /-</b>	2014287427 2014314055 2014342412 2015212606 2016256573 2016407427 2016407428 2017283407 2017291414 2018201400 2018202407 2018203501 2018206745	<b>A61P 43 /-</b>
		2014268224 2014340263 2014342412 2014356444 2015217275 2015287674 2015294663 2015341070 2016412539 2017215419 2017227280 2017279583 2017285015 2017288899 2017331369 2017359159 2018201801 2018202074 2018203679 2018204485 2018206745 2018241152	2017359159	<b>A61P 27 /-</b>	
		<b>A61L 15 /-</b>	<b>A61M 35 /-</b>	2015295184	<b>A61P 7 /-</b>
		2016214792 2016214793	2016412539	<b>A61P 29 /-</b>	2016215173 2017289071
			<b>A61M 39 /-</b>	2015261812 2015311563 2018201400 2018201801 2018202407 2018202701	<b>A61P 9 /-</b>
			2016283107	2015261812 2015311563 2018201400 2018201801 2018202407 2018202701	2014314303 2015222283 2015292632 2015316425 2018202407
			<b>A61M 5 /-</b>	<b>A61P 3 /-</b>	<b>A61Q 11 /-</b>
			2015226548 2015284463 2015306892 2016241226 2016249109	2015222283 2015293541	2015372368 2016426987

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2016429362	<b><u>B01D 63 /-</u></b>		2017204219	2019201559	2017308753
2019201243		<b><u>B09B 1 /-</u></b>	2017207367		
<b><u>A61Q 15 /-</u></b>	2018200946			<b><u>B61L 29 /-</u></b>	<b><u>B65D 30 /-</u></b>
	<b><u>B01D 67 /-</u></b>	2016251902	<b><u>B29C 43 /-</u></b>	2018208375	2017296886
2015216712		<b><u>B21D 15 /-</u></b>	2015219354		2019200394
	2015237373		<b><u>B29C 45 /-</u></b>	<b><u>B62D 5 /-</u></b>	<b><u>B65D 33 /-</u></b>
<b><u>A61Q 17 /-</u></b>	<b><u>B01D 71 /-</u></b>	2015327724		2016231996	
		<b><u>B21D 17 /-</u></b>	2017204219	<b><u>B62D 65 /-</u></b>	2015212442
2015419259	2015237373		2018205151		2017296886
<b><u>A61Q 19 /-</u></b>	<b><u>B01D 9 /-</u></b>	2015307056	<b><u>B29C 49 /-</u></b>	2019250699	<b><u>B65D 47 /-</u></b>
		<b><u>B21D 22 /-</u></b>		<b><u>B62K 11 /-</u></b>	2015283101
2014318702	2018204392	2015307056	2017204219	2016382788	<b><u>B65D 5 /-</u></b>
2015419259				2017232090	2014233552
2016423774	<b><u>B01J 19 /-</u></b>	<b><u>B21D 39 /-</u></b>	2015219354	<b><u>B63B 21 /-</u></b>	
<b><u>A61Q 9 /-</u></b>	2016250908			2018204858	<b><u>B65D 53 /-</u></b>
	<b><u>B01J 21 /-</u></b>	2019200148	<b><u>B29C 67 /-</u></b>		2015211085
2019203527		<b><u>B22F 1 /-</u></b>	2015226831	<b><u>B63B 27 /-</u></b>	<b><u>B65D 65 /-</u></b>
<b><u>A62B 18 /-</u></b>	2017349184	2017227207	2017207367		2019200394
	<b><u>B01J 23 /-</u></b>	<b><u>B22F 9 /-</u></b>	<b><u>B31B 70 /-</u></b>	2014200191	
2018201658				<b><u>B63B 35 /-</u></b>	<b><u>B65D 77 /-</u></b>
<b><u>A63F 13 /-</u></b>	2017349184	2017227207	2017296886		2016249109
	<b><u>B01J 35 /-</u></b>	<b><u>B23B 51 /-</u></b>	<b><u>B31D 5 /-</u></b>	2014200191	2019201173
2017251789				<b><u>B63C 11 /-</u></b>	
<b><u>A63F 5 /-</u></b>	2017349184	2015313353	2016317060	2016319229	<b><u>B65D 81 /-</u></b>
	<b><u>B01J 37 /-</u></b>	<b><u>B23Q 1 /-</u></b>	<b><u>B32B 3 /-</u></b>	2016334076	2017225100
2015212600		2015266576	2016209963	<b><u>B63G 8 /-</u></b>	2017308753
<b><u>A63F 7 /-</u></b>	2017349184	<b><u>B25B 27 /-</u></b>	2017237179		
	<b><u>B02C 15 /-</u></b>		<b><u>B32B 37 /-</u></b>	2016231996	<b><u>B65D 85 /-</u></b>
2015212600		2017221107		2016334076	2017270808
<b><u>B01D 11 /-</u></b>	2017209761	<b><u>B25F 3 /-</u></b>	2019253859	<b><u>B63H 25 /-</u></b>	2017279808
2017335569	2017300421		<b><u>B32B 7 /-</u></b>		<b><u>B65D 90 /-</u></b>
<b><u>B01D 17 /-</u></b>	<b><u>B02C 21 /-</u></b>	2016201148	2016209963	2016231996	
		<b><u>B25F 5 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B64C 1 /-</u></b>	2016209963
2016341192	2017345024		2017207367		2017245386
<b><u>B01D 19 /-</u></b>	<b><u>B02C 23 /-</u></b>	2016201148		2016202359	<b><u>B65G 1 /-</u></b>
		<b><u>B25G 3 /-</u></b>	<b><u>B33Y 40 /-</u></b>	<b><u>B65B 25 /-</u></b>	2015352800
2016413532	2017345024		2017207367		<b><u>B65G 11 /-</u></b>
<b><u>B01D 25 /-</u></b>	<b><u>B02C 4 /-</u></b>	2016201148		2014233552	
		<b><u>B25J 9 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B65B 3 /-</u></b>	2016209963
2015327098	2017209761		2018271400	2016249109	<b><u>B65G 13 /-</u></b>
<b><u>B01D 29 /-</u></b>	<b><u>B03B 7 /-</u></b>	2015266576		<b><u>B65B 35 /-</u></b>	2015302099
		2015357284	<b><u>B41J 3 /-</u></b>	2015352059	<b><u>B65G 15 /-</u></b>
2015327098	2017403278		2018271400	<b><u>B65B 7 /-</u></b>	2015383598
<b><u>B01D 3 /-</u></b>	<b><u>B04B 5 /-</u></b>	<b><u>B26B 21 /-</u></b>		2016229198	
		2019203527	<b><u>B41M 7 /-</u></b>	<b><u>B65C 9 /-</u></b>	<b><u>B65G 41 /-</u></b>
2016317385	2016257166	2019203527	2015257897		2015383598
2016317387				2015352059	<b><u>B65G 15 /-</u></b>
2016413532	<b><u>B05D 3 /-</u></b>	2017230513	<b><u>B41M 7 /-</u></b>	<b><u>B65D 1 /-</u></b>	
<b><u>B01D 39 /-</u></b>		<b><u>B26D 7 /-</u></b>			2015383598
	2017252429		2015257897	<b><u>B65C 9 /-</u></b>	<b><u>B65G 41 /-</u></b>
2017233900	<b><u>B07B 11 /-</u></b>	2017230513			2015383598
<b><u>B01D 53 /-</u></b>		<b><u>B26F 1 /-</u></b>	2014371445	2015352059	<b><u>B65G 47 /-</u></b>
	2017300421			<b><u>B65D 1 /-</u></b>	
2016317385	<b><u>B07B 7 /-</u></b>	2015313353	<b><u>B60Q 1 /-</u></b>		2015357284
2016317386		<b><u>B28C 5 /-</u></b>		2015313353	<b><u>B65H 7 /-</u></b>
2016317387	2017300421		2015367391	<b><u>B65D 25 /-</u></b>	
2017354503	<b><u>B07B 9 /-</u></b>	2016288714			2016358270
2018200946		<b><u>B29B 11 /-</u></b>	<b><u>B60R 16 /-</u></b>	2016228029	
	2017300421				

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<b><u>B65H 75 /-</u></b>	2017294107	<b><u>C04B 41 /-</u></b>	2016218190	<b><u>C07D 239 /-</u></b>	2015320510 2016216253	<b><u>C07D 471 /-</u></b>	2015290007 2015316425 2015328307 2016258027 2016353573 2017326029	2015306231 2015311563 2015336008 2016240220 2016334085 2017221784 2017261625 2017268634 2017279583 2018200081 2018201965 2018226215 2019204119
2017204279	<b><u>C01G 3 /-</u></b>							
<b><u>B66B 11 /-</u></b>	2016341192	<b><u>C05C 9 /-</u></b>	2016223099	<b><u>C07D 243 /-</u></b>	2017283407			
2015210425	<b><u>C01G 45 /-</u></b>							
<b><u>B66B 9 /-</u></b>	2017252429	<b><u>C05G 3 /-</u></b>	2016223099	<b><u>C07D 267 /-</u></b>	2017283407	<b><u>C07D 473 /-</u></b>	2018203501	
2015321653	<b><u>C02F 1 /-</u></b>							
<b><u>B66C 6 /-</u></b>	2015288950 2016405671 2017305945 2018204392 2018204762	<b><u>C07C 1 /-</u></b>	2015340496 2018204943	<b><u>C07D 277 /-</u></b>	2015293541	<b><u>C07D 487 /-</u></b>		
2016214308								
<b><u>B66F 11 /-</u></b>		<b><u>C07C 229 /-</u></b>	2017333054	<b><u>C07D 303 /-</u></b>	2015293541	2015261812 2015316425 2016214496 2016256573 2017283407 2018204027		<b><u>C07K 16 /-</u></b>
2015367391	<b><u>C02F 101 /-</u></b>							2014284235 2014292924 2014296243 2014304930 2014314303 2015214132 2015219495 2015222283 2015255979 2015311563 2016240220 2016293674 2017204797 2017221784 2017232084 2017291414 2018200640 2018201151 2018203970 2018226215
<b><u>B66F 17 /-</u></b>	2017305945	<b><u>C07C 255 /-</u></b>	2015293541 2015294110	<b><u>C07D 305 /-</u></b>	2015294110	<b><u>C07D 489 /-</u></b>	2015256507	
2015238880 2015367391	<b><u>C02F 103 /-</u></b>							
<b><u>B66F 5 /-</u></b>	2017305945	<b><u>C07C 257 /-</u></b>	2015287674	<b><u>C07D 307 /-</u></b>	2015293541	<b><u>C07D 491 /-</u></b>	2014398875 2015292632 2017283407	
2015238880	<b><u>C02F 5 /-</u></b>							
<b><u>B66F 7 /-</u></b>	2017305945	<b><u>C07C 27 /-</u></b>	2018204943	<b><u>C07D 309 /-</u></b>	2015293541	<b><u>C07D 493 /-</u></b>	2018202407	
2019250699	<b><u>C02F 9 /-</u></b>							
<b><u>B67B 3 /-</u></b>	2016405671	<b><u>C07C 59 /-</u></b>	2015293541	<b><u>C07D 333 /-</u></b>	2015313221 2015316425 2015328121 2016216253 2016224993 2016353573 2018202701 2018357933	<b><u>C07D 498 /-</u></b>	2015316425 2017283407	<b><u>C07K 17 /-</u></b>
2015352059	<b><u>C03C 25 /-</u></b>							2017261625
<b><u>B67C 3 /-</u></b>	2016341192	<b><u>C07C 7 /-</u></b>	2017272181	<b><u>C07D 401 /-</u></b>	2015313221 2015316425 2015328121 2016216253 2016224993 2016353573 2018202701 2018357933	<b><u>C07D 498 /-</u></b>	2015316425 2017283407	<b><u>C07K 19 /-</u></b>
2015352059	<b><u>C04B 111 /-</u></b>							2015207548 2018200571
<b><u>B67D 1 /-</u></b>	2015348617 2017294107	<b><u>C07D 207 /-</u></b>	2015294110 2016420300 2018204027 2019201859	<b><u>C07D 403 /-</u></b>	2015316425 2015328121 2015362720 2016216253 2017296026 2018357933	<b><u>C07D 519 /-</u></b>	2017283407	
2015261814 2015323684	<b><u>C04B 12 /-</u></b>							
<b><u>B67D 7 /-</u></b>	2016288714	<b><u>C07D 211 /-</u></b>	2015294110			<b><u>C07F 7 /-</u></b>	2015294110	<b><u>C07K 5 /-</u></b>
2014200191	<b><u>C04B 14 /-</u></b>							2016238233
<b><u>B67D 9 /-</u></b>	2018229539	<b><u>C07D 209 /-</u></b>	2015328121 2017333054 2018204027	<b><u>C07D 405 /-</u></b>	2015316425 2015328121 2015362720 2016216253 2017296026 2018357933	<b><u>C07H 15 /-</u></b>	2017205545	<b><u>C07K 7 /-</u></b>
2014200191	<b><u>C04B 16 /-</u></b>							2016238233 2016334085 2018201997 2019201173
<b><u>B82Y 5 /-</u></b>	2018229539	<b><u>C07D 213 /-</u></b>	2015294110			<b><u>C07H 21 /-</u></b>	2017225161 2018204544	
2018201151	<b><u>C04B 18 /-</u></b>							
<b><u>C01B 3 /-</u></b>	2017294107	<b><u>C07D 215 /-</u></b>	2015293541	<b><u>C07D 409 /-</u></b>	2015293541 2015316425 2018204027	<b><u>C07J 41 /-</u></b>	2015212606	<b><u>C08F 212 /-</u></b>
2015353026	<b><u>C04B 22 /-</u></b>							2016295792
<b><u>C01B 32 /-</u></b>	2015348617	<b><u>C07D 213 /-</u></b>	2015293541			<b><u>C07J 71 /-</u></b>	2015278731	<b><u>C08F 218 /-</u></b>
2018203346	<b><u>C04B 24 /-</u></b>							2018204667
<b><u>C01C 1 /-</u></b>	2018229539	<b><u>C07D 215 /-</u></b>	2015293541	<b><u>C07D 409 /-</u></b>	2018204027	<b><u>C07K 1 /-</u></b>	2017236047	<b><u>C08F 222 /-</u></b>
2015353026	<b><u>C04B 28 /-</u></b>							2016295792
<b><u>C01F 11 /-</u></b>	2015348036 2015348617 2016214592	<b><u>C07D 233 /-</u></b>	2017252429	<b><u>C07D 413 /-</u></b>	2015293541 2015316425 2015371137 2018357933	<b><u>C07K 14 /-</u></b>	2015255979 2015286721 2015286723	<b><u>C08G 18 /-</u></b>
2017294107	<b><u>C04B 40 /-</u></b>							2015332733
<b><u>C01F 5 /-</u></b>	2016214592	<b><u>C07D 237 /-</u></b>	2015316425					

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<b><u>C08G 75 /-</u></b>	<b><u>C09K 21 /-</u></b>	<b><u>C12G 3 /-</u></b>	2017248555 2017268486 2017335569	2017296410	<b><u>D06F 39 /-</u></b>
2017252429	2017257545	2017348835		<b><u>C25B 1 /-</u></b>	2014375413 2017285867
<b><u>C08J 7 /-</u></b>	<b><u>C09K 8 /-</u></b>	<b><u>C12H 1 /-</u></b>	<b><u>C12R 1 /-</u></b>	2015288950 2017224279 2018204762	<b><u>D21F 1 /-</u></b>
2016404607	2018201694	2016238617 2017348835	2016204734		2016421324
<b><u>C08K 3 /-</u></b>	<b><u>C10G 1 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C21D 6 /-</u></b>	<b><u>C25B 13 /-</u></b>	<b><u>D21F 11 /-</u></b>
2017252429	2015284114	2014240564 2015230291	2015241412	2018204762	2016421324
<b><u>C08K 5 /-</u></b>	<b><u>C10G 2 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>C21D 9 /-</u></b>	<b><u>C25B 15 /-</u></b>	<b><u>E01B 29 /-</u></b>
2016371789 2017252429	2017349184	2014240564 2014276229	2015234860	2015288950 2017224279	2015327393
<b><u>C08L 23 /-</u></b>	<b><u>C10G 29 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C22B 1 /-</u></b>	<b><u>C25B 3 /-</u></b>	<b><u>E02B 3 /-</u></b>
2016371789 2016404607	2017272181	2014239573 2016238617 2018202832	2016333348 2017294107	2018204762	2015295285
<b><u>C08L 31 /-</u></b>	<b><u>C10G 3 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C22B 15 /-</u></b>	<b><u>C25B 9 /-</u></b>	<b><u>E02B 5 /-</u></b>
2018204667	2015284114	2015207548 2015311563 2016293674 2016334085 2017225083 2017268486 2018200081 2018200640 2018204544 2019204119	2017403278	2015288950 2017224279	2015295285
<b><u>C08L 79 /-</u></b>	<b><u>C10G 45 /-</u></b>	<b><u>C12N 23 /-</u></b>	<b><u>C22B 23 /-</u></b>	<b><u>C25C 1 /-</u></b>	<b><u>E02F 3 /-</u></b>
2016204734	2015284114	2017335250		2016405671	2018203069 2019250699
<b><u>C08L 81 /-</u></b>	<b><u>C10J 3 /-</u></b>	<b><u>C22B 26 /-</u></b>	<b><u>C22B 26 /-</u></b>	<b><u>C25C 3 /-</u></b>	<b><u>E03C 1 /-</u></b>
2017252429	2016250908	2017265111	2017265111	2017388076	2017258943 2018203313
<b><u>C09C 1 /-</u></b>	<b><u>C10L 1 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>D01F 1 /-</u></b>	<b><u>E04B 1 /-</u></b>
2016217655 2017252429	2018204943 2019202997	2016318302 2016341192 2016405671 2017335250		2017257545	2015263848
<b><u>C09C 3 /-</u></b>	<b><u>C10L 10 /-</u></b>	<b><u>C22B 30 /-</u></b>	<b><u>C22B 30 /-</u></b>	<b><u>D01F 6 /-</u></b>	<b><u>E04B 2 /-</u></b>
2017252429	2019202997	2016405671	2016405671	2017257545	2015263848
<b><u>C09D 5 /-</u></b>	<b><u>C10L 3 /-</u></b>	<b><u>C22B 34 /-</u></b>	<b><u>C22B 34 /-</u></b>	<b><u>D04B 21 /-</u></b>	<b><u>E04C 2 /-</u></b>
2016217655	2016317385 2016317386 2016317387 2017272181 2018250400	2016405671	2016405671	2014202014	2015348036
<b><u>C09D 7 /-</u></b>	<b><u>C10L 5 /-</u></b>	<b><u>C22B 4 /-</u></b>	<b><u>C22B 4 /-</u></b>	<b><u>D04H 1 /-</u></b>	<b><u>E04C 3 /-</u></b>
2017252429	2014338864 2015207548 2016204734 2018200081	2016318302	2016318302	2016393382 2016421324	2015263848 2016214308
<b><u>C09J 11 /-</u></b>	<b><u>C10L 9 /-</u></b>	<b><u>C22B 59 /-</u></b>	<b><u>C22B 59 /-</u></b>	<b><u>D04H 18 /-</u></b>	<b><u>E04F 15 /-</u></b>
2017252429	2016250908 2017329950	2016318302	2016333348	2016421325	2014364345
<b><u>C09J 131 /-</u></b>	<b><u>C10L 9 /-</u></b>	<b><u>C22B 60 /-</u></b>	<b><u>C22B 60 /-</u></b>	<b><u>D04H 3 /-</u></b>	<b><u>E04G 17 /-</u></b>
2018204667	2016250908	2016333348	2016333348	2016421325	2015366120
<b><u>C09J 175 /-</u></b>	<b><u>C10M 145 /-</u></b>	<b><u>C22B 9 /-</u></b>	<b><u>C22B 9 /-</u></b>	<b><u>D04H 5 /-</u></b>	<b><u>E04H 5 /-</u></b>
2015332733	2016295792	2016318302 2017265111	2016318302 2017265111	2016421325	2017268612
<b><u>C09J 181 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C22C 21 /-</u></b>	<b><u>C22C 21 /-</u></b>	<b><u>D05C 9 /-</u></b>	<b><u>E05B 15 /-</u></b>
2017252429	2018200571	2017296410	2017296410	2015372429	2018220116
<b><u>C09J 7 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C22C 38 /-</u></b>	<b><u>C22C 38 /-</u></b>	<b><u>D06F 33 /-</u></b>	<b><u>E05B 17 /-</u></b>
2016214792 2016214793	2017252254	2015234860 2015241412	2015234860 2015241412	2014375413 2017285867	2018220116
<b><u>C09K 17 /-</u></b>	<b><u>C12G 1 /-</u></b>	<b><u>C22F 1 /-</u></b>	<b><u>C22F 1 /-</u></b>	<b><u>D06F 37 /-</u></b>	<b><u>E05B 27 /-</u></b>
2015342057	2016238617	2017225083	2017225083	2017285867	2015314499



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<b><u>E05B 29 /-</u></b>	<b><u>E21C 27 /-</u></b>	2015366120	<b><u>F21S 10 /-</u></b>	2014372174	<b><u>G01D 1 /-</u></b>
2015314499	2015330129 2017359769	<b><u>F16B 25 /-</u></b>	2017354868	<b><u>F24S 80 /-</u></b>	2017355473
<b><u>E05B 47 /-</u></b>	<b><u>E21C 35 /-</u></b>	2015343471	<b><u>F21S 2 /-</u></b>	2014372174	<b><u>G01D 5 /-</u></b>
2018213994	2017359769	<b><u>F16B 5 /-</u></b>	2017354868	<b><u>F25B 39 /-</u></b>	2015257489 2015283817
<b><u>E05B 49 /-</u></b>	<b><u>E21C 47 /-</u></b>	2016297566	<b><u>F21S 8 /-</u></b>	2018245787	
2015219884	2015332733	<b><u>F16D 65 /-</u></b>	2017354868	<b><u>F25B 9 /-</u></b>	<b><u>G01D 7 /-</u></b>
<b><u>E05C 1 /-</u></b>	<b><u>E21D 9 /-</u></b>	2016235731	<b><u>F21V 21 /-</u></b>	2015409405	2017355473
2018204386	2015330129	<b><u>F16D 69 /-</u></b>	2017354868	<b><u>F25D 17 /-</u></b>	<b><u>G01F 1 /-</u></b>
<b><u>E05D 13 /-</u></b>	<b><u>E21F 13 /-</u></b>	2016218190	<b><u>F21V 23 /-</u></b>	2016396263	2015216595
2018204322	2015383598	<b><u>F16H 7 /-</u></b>	2017354868	<b><u>F25J 1 /-</u></b>	<b><u>G01G 23 /-</u></b>
<b><u>E05D 15 /-</u></b>	<b><u>F01B 17 /-</u></b>	2016257387	<b><u>F21V 33 /-</u></b>	2014200191	2016288714
2014364345	2016263229	<b><u>F16J 15 /-</u></b>	2017261532	<b><u>F25J 3 /-</u></b>	<b><u>G01K 11 /-</u></b>
<b><u>E05D 7 /-</u></b>	<b><u>F01B 27 /-</u></b>	2019200148	<b><u>F23N 1 /-</u></b>	2016317385 2016317387	2015257489
2018204322	2016263229	<b><u>F16L 13 /-</u></b>	2015216595	<b><u>F28D 1 /-</u></b>	<b><u>G01K 17 /-</u></b>
<b><u>E05F 1 /-</u></b>	<b><u>F01B 29 /-</u></b>	2019200148	<b><u>F23N 5 /-</u></b>	2018242434 2018245787	2015244021
2018204322	2016263229	<b><u>F16L 15 /-</u></b>	2015216595	<b><u>F28F 1 /-</u></b>	<b><u>G01K 7 /-</u></b>
<b><u>E06B 3 /-</u></b>	<b><u>F01K 21 /-</u></b>	2017258943	<b><u>F23Q 2 /-</u></b>	2018242434	2015244021
2018276929	2016263229	<b><u>F16L 19 /-</u></b>	2016208930	<b><u>F28F 9 /-</u></b>	<b><u>G01L 1 /-</u></b>
<b><u>E06B 9 /-</u></b>	<b><u>F02D 41 /-</u></b>	2017258943	<b><u>F23Q 7 /-</u></b>	2018242434 2018245787	2018200783
2018214092 2018276929	2018203765	<b><u>F16L 21 /-</u></b>	2016208930	<b><u>F41A 21 /-</u></b>	<b><u>G01L 23 /-</u></b>
<b><u>E21B 17 /-</u></b>	<b><u>F02D 45 /-</u></b>	2019200148	<b><u>F24D 1 /-</u></b>	2017241587	2015213537
2017245406	2018203765	<b><u>F16L 25 /-</u></b>	2015246635	<b><u>F41A 3 /-</u></b>	<b><u>G01L 9 /-</u></b>
<b><u>E21B 19 /-</u></b>	<b><u>F04D 13 /-</u></b>	2019200148	<b><u>F24F 1 /-</u></b>	2017241587	2017355473
2017359769	2018260580	<b><u>F16L 37 /-</u></b>	2018245787	<b><u>F41A 33 /-</u></b>	<b><u>G01M 13 /-</u></b>
<b><u>E21B 21 /-</u></b>	<b><u>F04D 25 /-</u></b>	2016283107	<b><u>F24F 11 /-</u></b>	2017241587	2016257387
2015258757	2018260580	<b><u>F16L 43 /-</u></b>	2016393930 2018249887	<b><u>F41A 5 /-</u></b>	<b><u>G01M 3 /-</u></b>
<b><u>E21B 23 /-</u></b>	<b><u>F04D 29 /-</u></b>	2017258943	<b><u>F24F 130 /-</u></b>	2017241587	2015257489 2017355473
2017245406 2017311326	2018201107	<b><u>F16L 47 /-</u></b>	2018249887	<b><u>F41A 5 /-</u></b>	<b><u>G01N 21 /-</u></b>
<b><u>E21B 29 /-</u></b>	<b><u>F15B 15 /-</u></b>	2017258943	<b><u>F24F 7 /-</u></b>	2017241587	2015212758
2017265097	2016319229	<b><u>F16N 3 /-</u></b>	2017268612	<b><u>F42B 15 /-</u></b>	<b><u>G01N 33 /-</u></b>
<b><u>E21B 33 /-</u></b>	<b><u>F15B 7 /-</u></b>	2015283101	<b><u>F24H 9 /-</u></b>	2017279569	2014286185 2014306956 2014306959 2017221784 2017225061
2015263830 2017245406	2017221107	<b><u>F16N 37 /-</u></b>	2016412742	<b><u>F42B 5 /-</u></b>	
<b><u>E21B 41 /-</u></b>	<b><u>F16B 12 /-</u></b>	2015283101	<b><u>F24S 20 /-</u></b>	2017241587	<b><u>G01N 35 /-</u></b>
2017311326	2016297565 2016297566	<b><u>F16S 3 /-</u></b>	2015260468	<b><u>F42B 8 /-</u></b>	2017265124
<b><u>E21B 47 /-</u></b>	<b><u>F16B 13 /-</u></b>	2015263848	<b><u>F24S 23 /-</u></b>	2017241587	<b><u>G01S 13 /-</u></b>
2015258757	2015366120	<b><u>F17C 5 /-</u></b>	2014372174 2015260468	<b><u>G01C 21 /-</u></b>	2015314920 2015314923 2015314927
	<b><u>F16B 19 /-</u></b>	2015328357	<b><u>F24S 30 /-</u></b>	2018200169	

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<b>G01S 17 /-</b>	2014374302 2015219112	2018279788 2018312629	<b>G07D 7 /-</b>	<b>H01B 3 /-</b>	<b>H02J 3 /-</b>
2017345158	<b>G06F 16 /-</b>	<b>G06N 3 /-</b>	2016358270	2016371789	2018253455
<b>G01S 19 /-</b>	2016405587 2017250221	2013389280	<b>G07D 9 /-</b>	<b>H01B 7 /-</b>	<b>H02J 50 /-</b>
2016251902	2017268599 2018200396	<b>G06N 5 /-</b>	2016358270	2018205100	2016334076
<b>G01S 7 /-</b>	<b>G06F 17 /-</b>	2018241092	<b>G07F 11 /-</b>	<b>H01G 9 /-</b>	<b>H02J 7 /-</b>
2017345158	2014298893	<b>G06Q 20 /-</b>	2014339698	2018201828	2016334076 2019201559
<b>G01V 1 /-</b>	2014309040 2016253422	2018200785 2019203473	<b>G07F 17 /-</b>	<b>H01H 15 /-</b>	<b>H02M 1 /-</b>
2014311854 2018204858	2016315900 2016380716 2019232885	<b>G06Q 30 /-</b>	2014339698 2018204322	2018201774	2018203867
<b>G01V 3 /-</b>	<b>G06F 21 /-</b>	2017279808	<b>G08B 29 /-</b>	2018201774	<b>H02M 7 /-</b>
2018232998	2015253103 2016315900	<b>G06Q 40 /-</b>	2015249511	<b>H01J 37 /-</b>	2018203867
<b>G01W 1 /-</b>	2016326332 2017253317	2014370289	<b>G08G 1 /-</b>	2018203346	<b>H02P 1 /-</b>
2018200169	2017286113 2018312629 2019203473	<b>G06Q 50 /-</b>	2017383463	<b>H01L 31 /-</b>	2017277043
<b>G02B 27 /-</b>	<b>G06F 3 /-</b>	2016251902 2016412194 2017279808	<b>G08G 5 /-</b>	2017258961	<b>H03H 7 /-</b>
2017228430	2013374549 2014309040 2014370289 2014373710	<b>G06Q 99 /-</b>	2018236879	<b>H01M 4 /-</b>	2015292777
<b>G02B 6 /-</b>	2015230291 2017202587	2018200183	<b>G09B 23 /-</b>	2015263063	<b>H03M 13 /-</b>
2015202611 2015283817 2017206182	2017268549 2017286113	<b>G06T 1 /-</b>	2015235994 2017265015	<b>H01M 8 /-</b>	2016211272
<b>G03G 21 /-</b>	2018232928 2018260930 2019213416	2019200225	<b>G09C 1 /-</b>	2018204762	<b>H03M 7 /-</b>
2018202445	<b>G06F 9 /-</b>	<b>G06T 11 /-</b>	2016326332	<b>H01P 5 /-</b>	2016211272
<b>G05B 19 /-</b>	2013374549 2014232562 2014232736 2016382741 2016396079 2018202458 2018208696	2013382253	<b>G10L 13 /-</b>	2015314923 2015314927	<b>H04B 10 /-</b>
2017253763	<b>G06F 9 /-</b>	<b>G06T 15 /-</b>	2015411582 2016291566	<b>H01Q 1 /-</b>	2015218375 2017225642
<b>G05D 1 /-</b>	2013374549 2014232562 2014232736 2016382741 2016396079 2018202458 2018208696	2017248470	<b>G10L 15 /-</b>	2015314923 2015314927 2016263523 2016362964	<b>H04B 3 /-</b>
2016384627 2017253763 2017345158 2018214092	<b>G06F 9 /-</b>	<b>G06T 19 /-</b>	2015206736 2016291566	<b>H01Q 3 /-</b>	2016207976
<b>G05D 16 /-</b>	2013374549 2014232562 2014232736 2016382741 2016396079 2018202458 2018208696	2013382253 2017248470	<b>G10L 19 /-</b>	2015314923	<b>H04B 7 /-</b>
2015328357	<b>G06K 1 /-</b>	<b>G06T 5 /-</b>	2014234480 2014274076	<b>H01Q 5 /-</b>	2018203394
<b>G06F 1 /-</b>	2014339698	2014361104 2018200411	<b>G10L 25 /-</b>	2016362964	<b>H04J 11 /-</b>
2017286113	<b>G06K 17 /-</b>	<b>G06T 7 /-</b>	2015248061 2017261532	<b>H01Q 9 /-</b>	2018232645
<b>G06F 11 /-</b>	2014339698 2017279566 2018204177	2013382253 2014361104 2015215162 2016335123 2018200411 2018256502 2019202779	<b>G16B 15 /-</b>	2015314923 2015314927 2016263523 2016362964	<b>H04J 14 /-</b>
2017255443	<b>G06K 19 /-</b>	<b>G07B 15 /-</b>	2014324670	<b>H04L 1 /-</b>	2016223160 2016226461
<b>G06F 12 /-</b>	2014339698 2014364248 2015230291 2017248470 2018201624	2018200785	<b>G16B 20 /-</b>	<b>H02G 3 /-</b>	
2014334842 2016326332 2017206728	<b>G06K 9 /-</b>	<b>G07C 1 /-</b>	2015236054	2018205100	<b>H04L 12 /-</b>
<b>G06F 13 /-</b>	2014364248 2015230291 2017248470 2018201624	2014238177 2017206728	<b>G16H 40 /-</b>	<b>H02J 1 /-</b>	2016201444 2016207976 2016348358 2018217275
2013374549 2017206728	<b>G06K 15 /-</b>	2014364248	<b>H01B 11 /-</b>	2015267252 2019201559	<b>H04L 27 /-</b>
			2016371789 2018205100	<b>H02J 13 /-</b>	2015328491 2015328533
				2015267252 2018253455	

Applications Accepted - IPC Index cont'd

2018203799	<b><u>H04W 16 /-</u></b>	<b><u>H05B 7 /-</u></b>
<b><u>H04L 29 /-</u></b>	2015316199	2016318302
2016228029	2016223160	
2016382741	<b><u>H04W 24 /-</u></b>	<b><u>H05K 7 /-</u></b>
2017253317		2017228430
2018203506	2017228603	2017268612
2018208696	<b><u>H04W 4 /-</u></b>	<b><u>H05K 9 /-</u></b>
<b><u>H04L 5 /-</u></b>		2017237179
2015316199	2015218375	
2015328491	2015328523	
2015337025	2016404892	
2016226461	2016412194	
2017263180	<b><u>H04W 40 /-</u></b>	
<b><u>H04L 9 /-</u></b>	2015215962	
2015253103	2015218375	
2016326332	<b><u>H04W 48 /-</u></b>	
2018203506		
	2016218353	
<b><u>H04M 1 /-</u></b>	2017243398	
2017286113	2018203394	
<b><u>H04M 3 /-</u></b>	<b><u>H04W 52 /-</u></b>	
2015364403		
	2017228603	
<b><u>H04N 19 /-</u></b>	<b><u>H04W 60 /-</u></b>	
2016211272		
2016299036	2015215962	
2017265177	2017266608	
2018206830	<b><u>H04W 64 /-</u></b>	
2018206831		
2019200990	2017228603	
<b><u>H04N 21 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2014373710		
	2015337025	
<b><u>H04N 5 /-</u></b>	2016226461	
2015212758	2017228603	
2016249929	<b><u>H04W 74 /-</u></b>	
<b><u>H04N 7 /-</u></b>		
2014373710	2015316199	
2016249929	<b><u>H04W 8 /-</u></b>	
2017383463		
	2015215962	
<b><u>H04R 5 /-</u></b>	2017266608	
2014274076	<b><u>H04W 84 /-</u></b>	
<b><u>H04S 3 /-</u></b>	2016226461	
2014234480	<b><u>H04W 88 /-</u></b>	
	2016223160	
<b><u>H04S 7 /-</u></b>	2017266608	
2014234480	2018203394	
	<b><u>H05B 37 /-</u></b>	
<b><u>H04W 12 /-</u></b>		
2015201690	2017261532	
2016228029	2017354868	
2018203506	<b><u>H05B 41 /-</u></b>	
	2017354868	

**Certified Innovation Patents**

**Name Index**

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

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- |   |   |
|---|---|
| <p>(71) Apple Inc.<br/>                 (11) AU-B-2019101019<br/>                 (21) 2019101019 (22) 06.09.2019<br/>                 (54) Avatar creation user interface<br/>                 (51) Int. Cl.<br/> <i>G06F 3/048</i> ( 2013.01 )<br/> <i>H04N 21/431</i> ( 2011.01 )<br/>                 (45) 21.11.2019<br/>                 (62) 2019100497<br/>                 (72) Van Os, Marcel; Rickwald, Jason; Dye, Alan C.; Guzman, Aurelio; Scapel, Nicolas V.; Wilson, Christopher I.; Behzadi, Arian; Romney, Chris; Yerkes, Giancarlo; Barlier, Guillaume Pierre André; Gardner, JD; Forssell, Lisa K.; Garcia III, Robert<br/>                 (74) FPA Patent Attorneys Pty Ltd</p> | <p>(71) LG Electronics Inc.<br/>                 (11) AU-B-2018100453<br/>                 (21) 2018100453 (22) 09.04.2018<br/>                 (54) Dust collector for vacuum cleaner<br/>                 (51) Int. Cl.<br/> <i>A47L 9/16</i> ( 2006.01 )<br/>                 (45) 21.11.2019<br/>                 (62) 2016209851<br/>                 (72) Hyun, Kietak; Lee, Seungyeop; Ahn, Hyukjin<br/>                 (74) Davies Collison Cave Pty Ltd</p> |
|---|---|
- 
- |   |   |
|---|---|
| <p>(71) Group One Limited<br/>                 (11) AU-B-2019101056<br/>                 (21) 2019101056 (22) 13.09.2019<br/>                 (54) TENNIS LET DETECTION SYSTEM WITH NET TENSION MONITORING AND SHOT CLOCK CONTROL<br/>                 (51) Int. Cl.<br/> <i>A63B 71/06</i> ( 2006.01 )<br/>                 (45) 21.11.2019<br/>                 (62) 2019226223<br/>                 (72) GOLDSTEIN, Fredric<br/>                 (74) IP GATEWAY PATENT &amp; TRADE MARK ATTORNEYS PTY LTD</p> | <p>(71) Mainset Pty Limited<br/>                 (11) AU-B-2019100400<br/>                 (21) 2019100400 (22) 12.04.2019<br/>                 (54) Plumbing Fitting<br/>                 (51) Int. Cl.<br/> <i>F16L 33/207</i> ( 2006.01 )<br/> <i>F16L 47/24</i> ( 2006.01 )<br/>                 (31) 2018904841 (32) 19.12.18 (33) AU<br/>                 (45) 21.11.2019<br/>                 (72) Ziarkowski, Aleksy; Ziarkowski, Simon<br/>                 (74) Chrysiliou IP</p> |
|---|---|
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- |  |  |
|--|--|
| <p>(71) Intex Holdings Pty Ltd<br/>                 (11) AU-B-2019100891<br/>                 (21) 2019100891 (22) 13.08.2019<br/>                 (54) Temperature control of a modular building<br/>                 (51) Int. Cl.<br/> <i>E04C 2/52</i> ( 2006.01 )<br/> <i>E04B 5/48</i> ( 2006.01 )<br/>                 (45) 21.11.2019<br/>                 (62) 2018287917<br/>                 (72) Davies, Roger<br/>                 (74) LESICAR MAYNARD ANDREWS PTY LTD</p> |  |
|--|--|
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- |   |  |
|---|--|
| <p>(71) IRIS ID PTY LIMITED<br/>                 (11) AU-B-2019100857<br/>                 (21) 2019100857 (22) 02.08.2019<br/>                 (54) Dispensing System<br/>                 (51) Int. Cl.<br/> <i>A61M 35/00</i> ( 2006.01 )<br/> <i>A47K 5/12</i> ( 2006.01 )<br/> <i>G07F 13/08</i> ( 2006.01 )<br/>                 (45) 21.11.2019<br/>                 (62) 2018220070<br/>                 (72) MCGHEE, Kristofor<br/>                 (74) Wallington-Dummer</p> |  |
|---|--|
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**Numerical Index**

**2018100453** LG Electronics Inc.  
**2019100400** Mainset Pty Limited  
**2019100857** IRIS ID PTY LIMITED  
**2019100891** Intex Holdings Pty Ltd  
**2019101019** Apple Inc.  
**2019101056** Group One Limited

**IPC Index**

**A47K 5 /-**

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**A63B 71 /-**

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**E04C 2 /-**

2019100891

**F16L 33 /-**

2019100400

**F16L 47 /-**

2019100400

**G06F 3 /-**

2019101019

**G07F 13 /-**

2019100857

**H04N 21 /-**

2019101019

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2018282346 **Weingarth, P.; Rokos, S.; Scully-Power, P.** ( Johnson, M. )

**Patents Granted**

**Standard Patents**

2013237642	2013267042	2013318724	2013355260
2013368877	2013399485	2014203355	2014204242
2014211763	2014211764	2014230083	2014236688
2014238462	2014255727	2014259487	2014265168
2014272892	2014273962	2014274530	2014277809
2014278189	2014283319	2014298151	2014301071
2014304570	2014310619	2014312208	2014318623
2014321402	2014326142	2014329567	2014331081
2014331118	2014331685	2014332835	2014334627
2014336962	2014341969	2014342316	2014342341
2014342631	2014348752	2014349078	2014350758
2014352969	2014355032	2014361829	2014362224
2014370041	2014375282	2014379540	2014389444
2014402284	2014408473	2014413483	2015201178
2015202086	2015202918	2015207417	2015208631
2015211303	2015213106	2015213472	2015213812
2015214947	2015216937	2015217274	2015218172
2015220801	2015222697	2015224391	2015225887
2015226202	2015228583	2015228756	2015229014
2015231695	2015231891	2015233091	2015233635
2015235991	2015243462	2015244141	2015245444
2015252756	2015253557	2015255023	2015255178
2015255874	2015257402	2015257403	2015259797
2015260780	2015261124	2015261478	2015261553
2015263843	2015266674	2015270115	2015270575
2015277532	2015277795	2015278351	2015281158
2015283594	2015284130	2015284218	2015284303
2015287389	2015287602	2015289246	2015293949
2015294307	2015296953	2015301521	2015301923
2015303583	2015308175	2015308480	2015309042
2015313913	2015315042	2015316539	2015317664
2015317867	2015319107	2015321818	2015323419
2015326807	2015327095	2015330483	2015333619
2015336246	2015336835	2015336908	2015337755
2015339373	2015339391	2015339870	2015341783
2015343645	2015347747	2015349949	2015352098
2015352625	2015355366	2015355747	2015358387
2015359285	2015362882	2015371400	2015377784
2015380336	2015391670	2015404926	2015405655
2015406856	2015414147	2015417676	2016206059
2016211797	2016213183	2016214922	2016220304
2016225128	2016230236	2016233232	2016240341
2016244314	2016245064	2016259792	2016262158
2016262661	2016263192	2016264363	2016269475
2016271342	2016273821	2016273826	2016274791
2016283968	2016287645	2016295074	2016295075
2016296572	2016298538	2016299468	2016300492
2016305703	2016307885	2016313674	2016314082
2016317514	2016319758	2016322281	2016322342
2016323559	2016326540	2016327213	2016328310
2016328434	2016328637	2016329112	2016330818
2016332504	2016332918	2016333334	2016338546
2016339642	2016342538	2016344419	2016345548
2016351941	2016353054	2016353990	2016355154
2016356613	2016357277	2016361323	2016362298
2016366352	2016372484	2016381965	2016384965
2016385445	2016386569	2016393378	2016395616
2016397189	2016403655	2016405033	2016408411
2016410253	2016410256	2016410643	2016432050

**Patents Granted**

**Standard Patents**

2016432112	2017202422	2017202880	2017203030
2017203220	2017203365	2017203464	2017203716
2017204161	2017204204	2017204207	2017204480
2017204561	2017204601	2017204628	2017204786
2017204825	2017204895	2017206332	2017208923
2017210585	2017213445	2017213456	2017216486
2017216956	2017218725	2017218955	2017218961
2017222190	2017222881	2017224019	2017227277
2017228040	2017228642	2017232083	2017232242
2017235767	2017237281	2017240597	2017245146
2017245333	2017245376	2017245897	2017249927
2017250948	2017250982	2017251835	2017253925
2017255214	2017256412	2017258809	2017258845
2017258936	2017267178	2017272811	2017273526
2017276182	2017285700	2017288319	2017291139
2017307643	2017330125	2017341159	2017342154
2017369607	2017384694	2017408795	2018200086
2018200101	2018200179	2018201465	2018201594
2018201760	2018201923	2018202225	2018202355
2018202690	2018202856	2018202889	2018202915
2018202951	2018202989	2018203002	2018203149
2018203160	2018203182	2018203274	2018203442
2018203524	2018203807	2018204198	2018204708
2018205196	2018206704	2018206715	2018211305
2018213976	2018213989	2018214125	2018214146
2018232490	2018233028	2018236899	2018246882
2018253504	2018253628	2018260849	2018267624
2018271275	2018274918	2019201597	2019201831
2019202064	2019202066	2019204082	2019204504

**Innovation Patents**

2016102422	2017101868	2018102142	2018102145
2019100997	2019101058	2019101211	2019101215
2019101217	2019101226	2019101227	2019101228
2019101229	2019101230	2019101231	2019101232
2019101233	2019101235	2019101236	2019101237
2019101238	2019101240	2019101241	2019101242
2019101246			

**Assignments Registered**

2002234434	Shuter, Charles	The patent has been assigned to <b>NPV VALVES PTY LTD</b>
2003295720	3M Innovative Properties Company	The patent has been assigned to <b>ParTech, Inc.</b>
2003298379	Metso Minerals (France) SA	The patent has been assigned to <b>Metso Minerals, Inc.</b>
2005233651	Sheep CRC Limited	The patent has been assigned to <b>Meat &amp; Livestock Australia Limited</b>
2005317998	Metso Minerals (France) SA	The patent has been assigned to <b>Metso Minerals, Inc.</b>
2007215462	3M Innovative Properties Company	The patent has been assigned to <b>ParTech, Inc.</b>
2007254999	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION	The patent has been assigned to <b>Aeon Imaging, LLC</b>
2008317346	Foster, Thomas; Henson, Noel; Hooper, David	The patent has been assigned to <b>2526455 Ontario Limited</b>
2008336195	Hooper, David; Foster, Thomas; Henson, Noel	The patent has been assigned to <b>2526455 Ontario Limited</b>

**Assignments Registered**

- 2009308063 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**
- 2009339202 Bio-Rad Innovations The patent has been assigned to **Bio-Rad Europe GmbH**
- 2010212430 Krawchuk, Hana-Lia The patent has been assigned to **LITTLE BEINGS HOLDINGS PTY LTD**
- 2011284736 Denis, Laurent; Denis, Gilles The patent has been assigned to **DENIS CIMAF, INC.**
- 2012200593 Cree, Inc. The patent has been assigned to **IDEAL INDUSTRIES LIGHTING LLC**
- 2012201782 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2012201784 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2012205222 3M Innovative Properties Company The patent has been assigned to **ParTech, Inc.**
- 2012238317 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2012275120 Qualcomm Incorporated The patent has been assigned to **Velos Media International Limited**
- 2013100126 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2013203765 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2013203850 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2013243604 Qualcomm Incorporated The patent has been assigned to **Velos Media International Limited**
- 2013246251 Qualcomm Incorporated The patent has been assigned to **Velos Media International Limited**
- 2013280659 Qualcomm Incorporated The patent has been assigned to **Velos Media International Limited**
- 2014203608 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2015101954 Harrow Health, Inc. The patent has been assigned to **Harrow IP, LLC**
- 2015313285 Kirin Company, Limited The patent has been assigned to **Kirin Holdings Kabushiki Kaisha**
- 2016100642 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2017251687 Astral Pool Australia Pty Ltd The patent has been assigned to **Fluidra Group Australia Pty Ltd**
- 2017260327 Harrow Health, Inc. The patent has been assigned to **Harrow IP, LLC**
- 2019100571 Kambouris, Ambrosios The patent has been assigned to **Australian Garlic Producers Pty Ltd**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2008304439 **Lexicon Pharmaceuticals, Inc.**

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

For the goods XERMELO telotristat ethyl

Address for service : Pizzeys Patent and Trade Mark Attorneys Pty Ltd  
GPO Box 1374 BRISBANE QLD 4001 AU

2012326383 **Lexicon Pharmaceuticals, Inc.**

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

For the goods XERMELO telotristat etiprate

Address for service : Pizzeys Patent and Trade Mark Attorneys Pty Ltd  
PO Box 291 WODEN ACT 2606 AU

**Applications Refused**

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

2016262698 **Glaxo Group Limited**

The earliest first regulatory approval date provided by the patentee 16 Jan 2018

For the goods TRELEGY ELLIPTA fluticasone furoate / umeclidinium (as bromide) / vilanterol (as trifenate)

**Corrigenda**

In Vol 29 , No 18 , Page(s) 2690 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Inotec International Pty Ltd, Application No. 2013317701, under INID (71) correct the applicant name to INOTEC GLOBAL LIMITED

In Vol 32 , No 10 , Page(s) 1479 under the heading **Applications Accepted - Name Index** Under the name Inotec International Pty Ltd, Application No. 2013317701, under INID (71) correct the applicant name to INOTEC GLOBAL LIMITED

In Vol 33 , No 16 , Page(s) 2325 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Colgate-Palmolive Company, Application No. 2017342841, Under INID (72) add co-inventor Karavaev, Pavel

In Vol 33 , No 42 , Page(s) 5916 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ardyne Holdings Limited., Application No. 2018262285, Under INID (72) add co-inventor Linklater, James

In Vol 33 , No 42 , Page(s) 5951 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sami Labs Limited; Kalyanam Nagabhushanam, Application No. 2018281141, under INID (71) remove co-applicant Kalyanam Nagabhushanam



## Corrigenda

In Vol 33 , No 43 , Page(s) 6057 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019100877.

In Vol 33 , No 43 , Page(s) 6120 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The Broad Institute, Inc.; Massachusetts Institute of Technology, Application No. 2018251801, under INID (72) correct the co-inventor to Cox, David Benjamin Turitz

In Vol 33 , No 43 , Page(s) 6137 under the heading **Applications Accepted - Name Index** Under the name Apple Inc., Application No. 2017253712, under INID (43) correct Publication Date to read 27 June 2019

In Vol 33 , No 43 , Page(s) 6158 under the heading **Applications Accepted - Name Index** Under the name Shandong Yunqing Environmental Sci-Tech Co., Ltd, Application No. 2017294218, under INID (71) correct the applicant name to Shandong Yunqing Environmental Sci-Tech Co., Ltd

In Vol 33 , No 44 , Page(s) 6200 under the heading **Amendments - Application for Amendments** Under the name Gilead Sciences, Inc., Patent 2012283387 correct the date of the statements filed to read 23 Sep 2019 and 4 Nov 2019

In Vol 33 , No 44 , Page(s) 6240 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huawei Technologies Co., Ltd., Application No. 2017440072, Under INID (72) add co-inventor Poe, Wint Yi

In Vol 33 , No 44 , Page(s) 6253 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Takeda Pharmaceutical Company Limited, Application No. 2018246053, under INID (72) correct the co-inventor to Yamasaki, Takeshi

## Specifications Republished

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

2014227547	<b>PGS Geophysical AS</b>
2014274657	<b>Honeywell International Inc.</b>
2015200113	<b>Arper S.p.A.</b>
2015306907	<b>Duke University</b>
2016211046	<b>Haemair Limited</b>
2016307886	<b>Karus Therapeutics Ltd</b>
2017202249	<b>View, Inc.</b>
2017204432	<b>W. L. Gore &amp; Associates, Inc.</b>
2017255214	<b>Certis Cisco Security Pte. Ltd.</b>
2018209482	<b>Human Xtensions Ltd.</b>
2018253518	<b>Philips N.V., K.</b>
2019201200	<b>Dropbox, Inc.</b>