



**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.

**Official Notice**

**Declaration of the days when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business  
Director General of IP Australia**

With effect from 1 January 2020, section 136A of the *Designs Act 2003*, section 14A of the *Olympic Insignia Protection Act 1987*, section 222A of the *Patents Act 1990*, section 76A of the *Plant Breeder's Rights Act 1994* and section 223A of the *Trade Marks Act 1995* provide for the effect of the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office ('the Offices') not being open for business.

The Director General of IP Australia ('Director General') is the person prescribed under paragraph 2(b) of each of those sections. This means that the Director General can declare in writing a day or days on which the Offices are taken not to be open for business for the purposes of those sections. Paragraph (4) (a) of each of those sections provides that such a declaration may be made before, on or after the day on which the Offices are taken to be not open for business.

I, Terry Moore, as the person currently employed as the Acting Director General of IP Australia, declare the days in the period 1 January 2020 to 1 January 2021, when the Offices are taken not to be open for business for the purpose of the sections mentioned above, as specified in the attached Schedule, Part 1.



Acting Director General of IP Australia  
22 January 2020

**Declaration of the days in the period 1 January 2020 to 1 January 2021 when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business**

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<b>AUTHORITY</b>	<b>Director General of IP Australia</b>
<b>REFERENCES</b>	<b>Section 136A of the <i>Designs Act 2003</i>, Section 14A of the <i>Olympic Insignia Protection Act 1987</i>, Section 222A of the <i>Patents Act 1990</i>, Section 76A of the <i>Plant Breeder's Rights Act 1994</i> and Section 223A of the <i>Trade Marks Act 1995</i></b>

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Part 1 Days when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office—all located in the Australian Capital Territory—are taken not to be open for business

All Saturdays and Sundays in the period

Wednesday, 1 January 2020	New Year's Day
Monday, 27 January 2020	Australia Day (observed)
Monday, 9 March 2020	Canberra Day
Friday, 10 April 2020	Good Friday
Monday, 13 April 2020	Easter Monday
Monday, 27 April 2020	ANZAC Day (observed)
Monday, 1 June 2020	Reconciliation Day
Monday, 8 June 2020	Queen's Birthday Holiday
Monday, 5 October 2020	Labour Day
Friday, 25 December 2020 to Friday, 1 January 2021 (inclusive)	Christmas Close Down

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 21 Jan 2020 .

(71) A.C.N. 633 861 588 Pty Ltd (21) 2020900210 (22) 27.01.2020 (54) Glove Dispenser and Glove Dispenser Holder	(71) Beedles, D. (21) 2020900200 (22) 24.01.2020 (54) Milk Pacifier	(71) Dynacore Pty Ltd (21) 2020900198 (22) 24.01.2020 (54) WRIST BRACE
(71) Allen, P. (21) 2020900164 (22) 22.01.2020 (54) Anti-Suicide Capture Device (ASCD) is an impact abatement solution to prevent rail fatalities on the open track. The system is not a preventative solution to rail suicide, it is an inhibitory device that impedes rail fatalities. It works by deploying a netting device in front of the train to capture trespassers on the tracks allowing the train to come to safe halt.	(71) Burstsafe Pty Ltd (21) 2020900163 (22) 22.01.2020 (54) Plumbing connector	(71) Foley, P. (21) 2020900181 (22) 23.01.2020 (54) BOARD GAME APPARATUS AND METHOD
(71) Annear, M. (21) 2020900161 (22) 22.01.2020 (54) MAST ATTACHMENT SYSTEM	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020900162 (22) 22.01.2020 (54) Crosslinkable Polysiloxane	(71) Gardner, A. (21) 2020900206 (22) 26.01.2020 (54) Plastic water bottle.
(71) AUSAIR IP TRUST (21) 2020900186 (22) 23.01.2020 (54) A reusable face mask where the outer layer is connected to one or more inner layers using a 'click & switch' design comprised of a connecting part or parts and removable valve(s) that pass through a hole or holes in the mask layers.	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020900177 (22) 23.01.2020 (54) APPARATUS AND METHOD FOR PREPARING METAL MATRIX COMPOSITES	(71) Gardner, A. (21) 2020900207 (22) 26.01.2020 (54) Plastic water bottle.
(71) Access Limited (21) 2020900182 (22) 23.01.2020 (54) Methods of Preserving the Integrity of Therapeutic Compounds	(71) Curtis, P. (21) 2020900201 (22) 24.01.2020 (54) Improvements to Structural Insulated Walls	(71) Gray, I. (21) 2020900166 (22) 22.01.2020 (54) A Mining Method for Steeply Dipping Ore Bodies
(71) Access Limited (21) 2020900183 (22) 23.01.2020 (54) Cellular Uptake	(71) Deeper Technologies Australia Pty Ltd (21) 2020900208 (22) 26.01.2020 (54) AVi Slice (AVIS) - The AVi Slice (AVIS) solution provides the means for assessing the data that is collected by OEMs to ensure they are abiding by relevant privacy and data protection regulations. This not only provides OEMs with insight into their data handling practices but also allows for compliance and conformance reporting to various regulatory bodies and consumer advocacies.	(71) Harrison, A. (21) 2020900169 (22) 22.01.2020 (54) 8 Hole Cup Carrier With Top Handle, which splits into two pieces which can be flat packed, and assembled upon receipt.
(71) Diamond (WA) Pty Ltd (21) 2020900202 (22) 24.01.2020 (54) Conveyor Cover		Hassan Sadek, N. see Hegab, A.S. (21) 2020900188
		Hassan Sadek, N. see Hegab, A.S. (21) 2020900189
		(71) Hegab, A.S.; Hassan Sadek, N. (21) 2020900188 (22) 23.01.2020 (54) Method for Generating Accurate Before and After Photos

Provisional Applications Filed - Name Index cont'd

(71) Hegab, A.S.; Hassan Sadek, N.  
(21) 2020900189 (22) 24.01.2020  
(54) Method for Reducing Earpiece Radiation

(71) HEMP RAIL INTERNATIONAL PTY LTD  
(21) 2020900209 (22) 27.01.2020  
(54) HYBRID INDUSTRIAL HEMP ECO MIX (IHEM) BALLASTLESS RAILWAY SLEEPER WITH PIEZOELECTRIC GENERATOR

(71) Henger Pty Ltd  
(21) 2020900172 (22) 23.01.2020  
(54) Wall Hanging Kit

(71) Huon Aquaculture Group Limited  
(21) 2020900179 (22) 23.01.2020  
(54) A FEED SPREADER SUITABLE FOR USE IN A FISH PEN

(71) Hutchison, R.  
(21) 2020900159 (22) 21.01.2020  
(54) Beverage Device

(71) IMAGR Limited  
(21) 2020900191 (22) 24.01.2020  
(54) Recommendation platform for physical retail environment

(71) JAVADI, M.  
(21) 2020900192 (22) 24.01.2020  
(54) Biological Trap for Aethina Tumida Mur-ray Based on Graphene Hydrogel

(71) JOEY AUSTRALIA ENTERPRISE PTY LTD  
(21) 2020900187 (22) 23.01.2020  
(54) Anti-particulate Matter Mask/Filter With Embedded Beneficial Compound(s)

(71) Kinetic Engineering Services Pty Ltd  
(21) 2020900180 (22) 23.01.2020  
(54) A POST HANDLING AID, SYSTEM AND METHOD

(71) Krentek Pty Ltd  
(21) 2020900158 (22) 21.01.2020  
(54) A line trimmer assembly

(71) Macfarlane Burnet Institute for Medical Research and Public Health Limited  
(21) 2020900194 (22) 24.01.2020  
(54) Detecting gut barrier dysfunction and/or cirrhosis

(71) MAYNE, G.  
(21) 2020900176 (22) 23.01.2020  
(54) Machining System

(71) MAYNE, G.  
(21) 2020900178 (22) 23.01.2020  
(54) A Woodworking Plane

(71) McDonald, A.  
(21) 2020900205 (22) 25.01.2020  
(54) Umbrella Towel

(71) McKail, R.  
(21) 2020900197 (22) 24.01.2020  
(54) Head Rest

(71) Microbio Pty Ltd  
(21) 2020900167 (22) 22.01.2020  
(54) Bacterial quantification method

(71) Morphlight Pty Ltd  
(21) 2020900199 (22) 24.01.2020  
(54) Offset Double Glass PV Panel Roofing

(71) Odio Tech Pty Ltd  
(21) 2020900173 (22) 23.01.2020  
(54) System and method for Assessment and/or Fitting of a Medical Device

(71) Pacific Arrow Limited  
(21) 2020900203 (22) 24.01.2020  
(54) INDUCE TUMOR SUPPRESSOR ING4 AND DEATH RECEPTOR DR5 FOR TREATING TUMOR DISEASES

(71) Peeke, S.  
(21) 2020900157 (22) 21.01.2020  
(54) HOUSING FOR WATER TREATMENT SYSTEM

(71) Perusia Pty Ltd  
(21) 2020900170 (22) 22.01.2020  
(54) A building component

(71) ROBERT, B.  
(21) 2020900190 (22) 23.01.2020  
(54) SOLAR TRAFFIC LED SIGNS

(71) Saluda Medical Pty Ltd  
(21) 2020900184 (22) 23.01.2020  
(54) Cross-synaptic Neuromodulation

(71) Seymour, R.  
(21) 2020900165 (22) 22.01.2020  
(54) Brachii - A clothing accessory, detachable sleeves to dresses/tops secured under the breast and clipped under the bra strap. the sleeves are adjustable as is the securing straps

(71) SFC Enterprises Limited  
(21) 2020900171 (22) 23.01.2020  
(54) Improved rapid OTR measurement device

(71) SHANAHAN FAMILY TRUST  
(21) 2020900175 (22) 23.01.2020  
(54) ORAL HYGIENE COMPOSITION INCORPORATING DENTURE ADHESIVE BENEFITS

(71) Systems and Methods of Interactive Network of Learners  
(21) 2020900174 (22) 23.01.2020  
(54) Systems and Methods of Interactive Network of Learners. The platform creates a learning chain to connect topics in a logical sequence using AI so learners know from where to start, if they are struggling with a certain topic, they can go a step backward to check the pre-requisites for this topic. Learners check their dream career and follow the learning chain that leads to this job. At each topic, learners connect with their peers, educators, industry professionals and learning institutions. There is a chatbot and LMS along the chain that includes learning material and communication tools.

(71) TERITAITI, C.  
(21) 2020900196 (22) 24.01.2020  
(54) A TROWEL FOR USE IN LAYING BRICKS

(71) The Bionics Institute of Australia  
(21) 2020900195 (22) 24.01.2020  
(54) Systems and methods for monitoring neural activity

(71) The University of Melbourne  
(21) 2020900160 (22) 21.01.2020  
(54) A METHOD OF PROCESSING A SURFACE OF A DIAMOND MATERIAL

(71) The University of Sydney  
(21) 2020900193 (22) 24.01.2020  
(54) Catheter

(71) UGT Group Pty Ltd  
(21) 2020900155 (22) 21.01.2020  
(54) Accumulator

(71) Wang, Y.  
(21) 2020900185 (22) 23.01.2020  
(54) Systems and methods for processing GNSS data streams for determination of hardware and propagation delays

Provisional Applications Filed - Name Index cont'd

(71) Woodside Energy Technologies Pty Ltd  
(21) 2020900168 (22) 22.01.2020  
(54) PITTING MITIGATION

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2020900162	Commonwealth Scientific and Industrial Research Organisation
2020900163	Burstsafe Pty Ltd
2020900164	Allen, P.
2020900165	Seymour, R.
2020900166	Gray, I.
2020900167	Microbio Pty Ltd
2020900168	Woodside Energy Technologies Pty Ltd
2020900169	Harrison, A.
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2020900172	Henger Pty Ltd
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2020900174	Systems and Methods of Interactive Network of Learners
2020900175	SHANAHAN FAMILY TRUST
2020900176	MAYNE, G.
2020900177	Commonwealth Scientific and Industrial Research Organisation
2020900178	MAYNE, G.
2020900179	Huon Aquaculture Group Limited
2020900180	Kinetic Engineering Services Pty Ltd
2020900181	Foley, P.
2020900182	Axcess Limited
2020900183	Axcess Limited
2020900184	Saluda Medical Pty Ltd
2020900185	Wang, Y.
2020900186	AUSAIR IP TRUST
2020900187	JOEY AUSTRALIA ENTERPRISE PTY LTD
2020900188	Hegab, A.S.; Hassan Sadek, N.
2020900189	Hegab, A.S.; Hassan Sadek, N.
2020900190	ROBERT, B.
2020900191	IMAGR Limited
2020900192	JAVADI, M.
2020900193	The University of Sydney
2020900194	Macfarlane Burnet Institute for Medical Research and Public Health Limited
2020900195	The Bionics Institute of Australia
2020900196	TERITAITI, C.
2020900197	McKail, R.
2020900198	Dynacore Pty Ltd
2020900199	Morphlight Pty Ltd
2020900200	Beedles, D.
2020900201	Curtis, P.
2020900202	Diamond (WA) Pty Ltd
2020900203	Pacific Arrow Limited
2020900205	McDonald, A.
2020900206	Gardner, A.
2020900207	Gardner, A.
2020900208	Deeper Technologies Australia Pty Ltd
2020900209	HEMP RAIL INTERNATIONAL PTY LTD
2020900210	A.C.N. 633 861 588 Pty Ltd



**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 21 Jan 2020 .

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

<hr/> <p>(71) A. Finkl &amp; Sons Co. (21) 2020200368 (22) 18.01.2020 (54) Economical Plastic Tooling Cores for Mold and Die Sets (31) 16/251,469 (32) 18.01.19 (33) US</p> <hr/> <p><b>ABIVAX see UNIVERSITE DE MONTPELLIER</b> (21) 2020200333</p> <hr/> <p>(71) Acacia Products Pty Ltd (21) 2020200419 (22) 21.01.2020 (54) A FENCE POST</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2020200341 (22) 17.01.2020 (54) ANALYZING EVENT-ASSOCIATED CONNECTIONS (62) 2018206854</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2020200383 (22) 20.01.2020 (54) DATA TRANSFORMATIONS FOR ROBOTIC PROCESS AUTOMATION (31) 16/254,288 (32) 22.01.19 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2020200272 (22) 14.01.2020 (54) VOICEHINTS: DISCOVERING NATURAL LANGUAGE COMMANDS IN MULTIMODAL INTERFACES (31) 16/355,599 (32) 15.03.19 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2020200389 (22) 20.01.2020 (54) STREAMING A SEQUENCE OF TEXTURES IN A VIDEO FOR ADAPTIVE 3D SCENE DELIVERY (31) 62/821,958 (32) 21.03.19 (33) US 16/584,591 26.09.19 US</p> <hr/> <p>(71) Agventure B.V. (21) 2020200394 (22) 21.01.2020 (54) Hybrid seed potato breeding (62) 2017239475</p> <hr/> <p>(71) Allergan Industrie SAS (21) 2020200436 (22) 22.01.2020 (54) Dermal filler compositions including antioxidants (62) 2017268589</p>	<hr/> <p>(71) ALSTOM Transport Technologies (21) 2020200401 (22) 21.01.2020 (54) Methods and devices for monitoring train integrity (31) 201941003444 (32) 28.01.19 (33) IN</p> <hr/> <p>(71) Amazentis SA (21) 2020200420 (22) 21.01.2020 (54) Enhancing autophagy or increasing longevity by administration of urolithins or precursors thereof (62) 2018202407</p> <hr/> <p>(71) Amgen Inc. (21) 2020200329 (22) 17.01.2020 (54) Stabilization of Fc-containing polypeptides (62) 2014296215</p> <hr/> <p>(71) Ancestry.com DNA, LLC (21) 2020200351 (22) 17.01.2020 (54) Family networks (62) 2014218418</p> <hr/> <p>(71) Andreotti, A. (21) 2020200300 (22) 15.01.2020 (54) The Use of Acetanalide in the Treatment of Parkinson's Disease and Lewy Body Dementia (31) 2019900127 (32) 16.01.19 (33) AU</p> <hr/> <p><b>APHP (Assistance Publique - Hôpitaux de Paris) see Cornell University</b> (21) 2020200408</p> <hr/> <p>(71) Apple Inc. (21) 2020200339 (22) 17.01.2020 (54) Activity continuation between electronic devices (62) 2018202458</p> <hr/> <p>(71) Apple Inc. (21) 2020200397 (22) 21.01.2020 (54) Device, method, and graphical user interface for manipulating user interfaces based on fingerprint sensor inputs (62) 2018204174</p> <hr/> <p>(71) Araim Pharmaceuticals, Inc. (21) 2020200352 (22) 17.01.2020</p>	<hr/> <p>(54) TISSUE PROTECTIVE PEPTIDES AND PEPTIDE ANALOGS FOR PREVENTING AND TREATING DISEASES AND DISORDERS ASSOCIATED WITH TISSUE DAMAGE (62) 2014290116</p> <hr/> <p>(71) Aranooc Pty Ltd (21) 2020200332 (22) 17.01.2020 (54) COMBINED LIQUID STORAGE TANK AND STRUCTURE (62) 2018241126</p> <hr/> <p>(71) Atlas Copco Airpower, naamloze vennootschap (21) 2020200424 (22) 21.01.2020 (54) Compressor installation with drying device for compressed gas and method for drying compressed gas (62) 2017235984</p> <hr/> <p>(71) Avectas Limited (21) 2020200379 (22) 20.01.2020 (54) Delivery across cell plasma membranes (62) 2018200731</p> <hr/> <p>(71) Axon Enterprise, Inc. (21) 2020200431 (22) 21.01.2020 (54) Systems And Methods For Mounts For Recording Devices (62) 2017270565</p> <hr/> <p>(71) Bair, R.; Buzick, B.L. (21) 2020200366 (22) 17.01.2020 (54) Vertical Grill With External Drip Tray Module (62) 2014386260</p> <hr/> <p><b>Baxalta GmbH see Baxalta Incorporated</b> (21) 2020200373</p> <hr/> <p>(71) Baxalta Incorporated; Baxalta GmbH (21) 2020200373 (22) 19.01.2020 (54) REMOVAL OF SERINE PROTEASES BY TREATMENT WITH FINELY DIVIDED SILICON DIOXIDE (62) 2018201371</p> <hr/> <p>(71) Beijing University of Chemical Technology (21) 2020200456 (22) 22.01.2020</p>
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- (54) METHOD AND SYSTEM FOR ELIMINATING NOISE  
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(54) Anti-Axl antibodies, antibody fragments and their immunoconjugates and uses thereof  
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(21) 2020200447 (22) 22.01.2020  
(54) SYSTEMS AND METHODS FOR ELASTIC DELIVERY, PROCESSING, AND STORAGE FOR WEARABLE DEVICES BASED ON SYSTEM RESOURCES  
(31) 16/257,662 (32) 25.01.19 (33) US
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- (71) Boehringer Ingelheim Vetmedica GmbH  
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(54) Treatment of metabolic disorders in equine animals  
(62) 2015239655
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- (71) Bradken Resources Pty Limited  
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(54) DRAWBAR FOR RAIL WAGONS  
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(21) 2020200344 (22) 17.01.2020  
(54) Fastener Assembly, a Fastener and a Liner Assembly  
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- (71) Bristol-Myers Squibb Company  
(21) 2020200376 (22) 20.01.2020  
(54) Pyrimidinones as factor XIa inhibitors  
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- Buzick, B.L. see Bair, R.**  
(21) 2020200366
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- (71) Canon Kabushiki Kaisha  
(21) 2020200429 (22) 21.01.2020  
(54) Method, apparatus and system for encoding and decoding the significance map for residual coefficients of a transform unit  
(62) 2018271350
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- (71) CASIO COMPUTER CO., LTD.  
(21) 2020200338 (22) 17.01.2020  
(54) Image searching apparatus, classifier training method, and program  
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- (71) Centocor, Inc.  
(21) 2020200404 (22) 21.01.2020  
(54) Anti-IL-12 antibodies, epitopes, compositions, methods and uses  
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- Centre National De La Recherche Scientifique (CNRS) see Cornell University**  
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- (71) Chugai Seiyaku Kabushiki Kaisha  
(21) 2020200395 (22) 21.01.2020  
(54) Stabilized antibody-containing liquid formulations  
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- (71) Colgate-Palmolive Company  
(21) 2020200400 (22) 21.01.2020  
(54) Oral care implement and filament therefor  
(62) 2017319133
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- (71) Cornell University; Centre National De La Recherche Scientifique (CNRS); Université de Strasbourg; Université Paris-Sud XI; APHP (Assistance Publique - Hôpitaux de Paris); INSERM (Institut National de la Santé et de la Recherche Médicale)  
(21) 2020200408 (22) 21.01.2020  
(54) METHODS AND PHARMACEUTICAL COMPOSITION FOR THE TREATMENT AND THE PREVENTION OF CARDIOMYOPATHY DUE TO ENERGY FAILURE  
(62) 2018202783
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(21) 2020200330 (22) 17.01.2020  
(54) End effector force measurement with digital drive circuit  
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- (71) Covidien LP  
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(54) Adaptor for surgical instrument for converting rotary input to linear output  
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- (71) Dalian University of Technology  
(21) 2020200370 (22) 18.01.2020  
(54) TEACHING SYSTEM FOR REMOTE HYDRAULIC EXPERIMENTS BASED ON COMBINATION OF VIRTUAL AND REAL LIFE INTERACTION  
(31) 201910263758.7 (32) 03.04.19 (33) CN
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- (71) Deere & Company  
(21) 2020200392 (22) 21.01.2020  
(54) System and method for visual confirmation of planter performance  
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- (71) DePuy Synthes Products, Inc.  
(21) 2020200357 (22) 17.01.2020  
(54) Biceps tenodesis implants and delivery tools  
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- (71) Dioxide Materials, Inc.  
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(54) Cross Product Enhanced Subband Block Based Harmonic Transposition  
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(54) Video decoder with reduced dynamic range transform with inverse transform shifting memory  
(62) 2018233019
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- (71) Dolby Laboratories Licensing Corporation; Dolby International AB  
(21) 2020200378 (22) 20.01.2020  
(54) Rendering of audio objects with apparent size to arbitrary loudspeaker layouts  
(62) 2018202867
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- (71) Dolby Laboratories Licensing Corporation; Dolby International AB  
(21) 2020200448 (22) 22.01.2020  
(54) Headtracking for parametric binaural output system and method  
(62) 2016355673
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(21) 2020200453
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- (71) Dyax Corp.  
(21) 2020200423 (22) 21.01.2020  
(54) Diagnosis and treatment of autoimmune diseases  
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(21) 2020200377 (22) 20.01.2020  
(54) Prosthetic heart valve  
(62) 2019222929

(71) EUROIMMUN Medizinische Labordiagnostika AG  
(21) 2020200382 (22) 20.01.2020  
(54) Serological detection of Plasmodium antibodies  
(31) 19153611.9 (32) 24.01.19 (33) EP

(71) Evolution Aqua Limited  
(21) 2020200430 (22) 21.01.2020  
(54) Mechanical filter element, apparatus and method  
(62) 2016263651

(71) F. Hoffmann-La Roche AG  
(21) 2020200407 (22) 21.01.2020  
(54) Tetrahydro-pyrido[3,4-b]indole estrogen receptor modulators and uses thereof  
(62) 2015367509

(71) Fisher & Paykel Healthcare Limited  
(21) 2020200412 (22) 21.01.2020  
(54) RESPIRATORY GAS HUMIDIFICATION SYSTEM  
(62) 2018201755

(71) Formation Biologics Inc.  
(21) 2020200336 (22) 17.01.2020  
(54) EGFR antibody conjugates  
(62) 2014286872

(71) Frank's International, LLC  
(21) 2020200313 (22) 16.01.2020  
(54) STAND BUILDING USING A HORSE-SHOE SLIP ELEVATOR  
(31) 16/258,859 (32) 28.01.19 (33) US

(71) Freedom Solutions Group, LLC  
(21) 2020200410 (22) 21.01.2020  
(54) Mitigation of conflicts between content matchers in automated document analysis  
(62) 2016316855

(71) GENENTECH, INC.  
(21) 2020200355 (22) 17.01.2020  
(54) Anti-transferrin receptor antibodies and methods of use  
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(71) Global Traffic Technologies, LLC  
(21) 2020200434 (22) 21.01.2020  
(54) Managing transit signal priority (TSP) requests  
(62) 2018204884

(71) Granum (Overseas) Pty Ltd  
(21) 2020200406 (22) 21.01.2020  
(54) Improved food products from legumes  
(62) 2015333601

(71) Guardhat, Inc.  
(21) 2020200416 (22) 21.01.2020  
(54) Condition Responsive Indication Assembly and Method  
(62) 2015334100

(71) Hayward Industries, Inc.  
(21) 2020200411 (22) 21.01.2020  
(54) Swimming pool cleaner  
(62) 2017279788

(71) Howmedica Osteonics Corp.  
(21) 2020200466 (22) 23.01.2020  
(54) CEMENTED ACETABULAR CONSTRUCT WITH LOCKED MODULAR SLEEVE  
(31) 62/796,784 (32) 25.01.19 (33) US

(71) Huawei Technologies Co., Ltd.  
(21) 2020200443 (22) 22.01.2020  
(54) USER EQUIPMENT HANDOVER METHOD, AND DEVICE  
(62) 2015396026

(71) IGT  
(21) 2020200391 (22) 21.01.2020  
(54) SYSTEM AND METHOD FOR INCENTIVIZING TRANSFER OF FUNDS TO A GAMING ESTABLISHMENT ACCOUNT  
(31) 16/255,039 (32) 23.01.19 (33) US

(71) Implant Pty Ltd  
(21) 2020200409 (22) 21.01.2020  
(54) Suture anchor driver  
(31) 2019900176 (32) 21.01.19 (33) AU

(71) Implantica Patent Ltd  
(21) 2020200347 (22) 17.01.2020  
(54) Hip Joint Device And Method  
(62) 2018203460

**INSERM (Institut National de la Santé et de la Recherche Médicale) see Cornell University**  
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(21) 2020200333

(71) Integra Medical Inc.  
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(54) Oral compositions  
(62) 2014286892

(71) Ionian Technologies, Inc.  
(21) 2020200321 (22) 16.01.2020  
(54) Nicking and extension amplification reaction for the exponential amplification of nucleic acids  
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(71) Johnson & Johnson Consumer Companies, Inc.  
(21) 2020200348 (22) 17.01.2020  
(54) Process for forming a shaped film product  
(62) 2014374107

(71) Johnson Controls Technology Company  
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(54) Conference room management system  
(31) 62/794,393 (32) 18.01.19 (33) US  
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(54) Nicotine liquid formulations for aerosol devices and methods thereof  
(62) 2014357622

(71) JVC Kenwood Corporation  
(21) 2020200437 (22) 22.01.2020  
(54) PICTURE DECODING DEVICE, PICTURE DECODING METHOD AND PICTURE DECODING PROGRAM  
(62) 2019200990

**Kalmeta, M. see MOLECULAR SYSTEMS, LTD.**  
(21) 2020200444

(71) LANDA LABS (2012) LTD  
(21) 2020200354 (22) 17.01.2020  
(54) APPARATUS FOR APPLICATION OF A CONDUCTIVE PATTERN TO A SUBSTRATE  
(62) 2019200607

(71) LG Electronics Inc.  
(21) 2020200415 (22) 21.01.2020  
(54) Vacuum  
(62) 2017314596

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(71) LIFETIME PRODUCTS, INC.  
(21) 2020200385 (22) 20.01.2020  
(54) Table with nesting table top  
(62) 2018202015

(71) Livin Livin Pty Ltd  
(21) 2020200433 (22) 21.01.2020  
(54) A STRENGTHENING AND TRAINING APPARATUS, KIT AND METHOD OF USE

Los Alamos National Security, LLC see  
The Board of Trustees of the Leland Stanford Junior University  
(21) 2020200453

(71) Magic Leap, Inc.  
(21) 2020200440 (22) 22.01.2020  
(54) Ultra-high resolution scanning fiber display  
(62) 2018203288

(71) Maguire, A.  
(21) 2020200465 (22) 23.01.2020  
(54) A safety device to help install light poles onto handrails without the need to lean out over or through the structure.

(71) Mainstay Medical Limited  
(21) 2020200328 (22) 17.01.2020  
(54) SYSTEMS AND METHODS FOR ENHANCING FUNCTION OF SPINE STABILIZATION MUSCLES ASSOCIATED WITH A SPINE SURGERY INTERVENTION  
(31) 16/264,632 (32) 31.01.19 (33) US

(71) Mara Renewables Corporation  
(21) 2020200312 (22) 16.01.2020  
(54) A two-step fractionation method for winterizing oil  
(62) 2017301024

(71) Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.; Tokitae LLC  
(21) 2020200346 (22) 17.01.2020  
(54) ENTERIC ELASTOMERS  
(62) 2015274453

(71) MasterCard International Incorporated  
(21) 2020200314 (22) 16.01.2020  
(54) Selecting the best card for a purchase  
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(21) 2020200380 (22) 20.01.2020  
(54) Systems and methods for monitoring authentication of transactions to payment networks  
(62) 2016306131

(71) MAX CO., LTD.  
(21) 2020200464 (22) 22.01.2020  
(54) Binding machine  
(62) 2016294894

(71) Meural Inc.  
(21) 2020200421 (22) 21.01.2020  
(54) System and method for output display generation based on ambient conditions  
(62) 2015240971

(71) Miles, S.  
(21) 2020200327 (22) 16.01.2020  
(54) VEHICULAR POWER SOCKET ASSEMBLY  
(31) 2019900179 (32) 16.01.19 (33) AU

(71) MILWAUKEE ELECTRIC TOOL CORPORATION  
(21) 2020200319 (22) 16.01.2020  
(54) Systems and methods for configuring a reciprocating saw  
(62) 2017213819

(71) Modular Innovations Pty Ltd  
(21) 2020200342 (22) 17.01.2020  
(54) IMPROVED PANEL AND POST SYSTEMS  
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(62) 2016204854, 2016206311

(71) MOLECULAR SYSTEMS, LTD.; Kalmeta, M.  
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(54) LASER ASSISTED PERIODONTIUM AND OSSEUS REGENERATION PROTOCOL  
(62) 2014254001

(71) Moog Inc.  
(21) 2020200451 (22) 22.01.2020  
(54) Cellular aerial vehicle traffic control system and method  
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(21) 2020200323 (22) 16.01.2020  
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(54) SELECTIVE HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN WITH REDUCED SIDE EFFECTS, AND ASSOCIATED SYSTEMS AND METHODS  
(62) 2018200050

(71) NEWCASTLE SAFETY SERVICING PTY. LTD.  
(21) 2020200369 (22) 18.01.2020  
(54) Mining Vehicle Breathing Apparatus

(71) Nextleaf Solutions Ltd.  
(21) 2020200438 (22) 22.01.2020  
(54) Method for acetylation of cannabinoids  
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(54) Airline ticket sales system  
(62) 2015405689

(71) Novartis AG  
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(54) Binding molecules against CD3 and uses thereof

(71) NOVOLUTO GmbH  
(21) 2020200457 (22) 22.01.2020  
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(31) 19153494.0 (32) 24.01.19 (33) EP

(71) Optis Wireless Technology, LLC  
(21) 2020200402 (22) 21.01.2020  
(54) Telecommunications method and apparatus for facilitating measurements  
(62) 2018202582

(71) Orora Packaging Solutions  
(21) 2020200458 (22) 22.01.2020  
(54) Ventilated container for produce  
(62) 2018263992

(71) Osmoflo Pty Ltd  
(21) 2020200363 (22) 17.01.2020  
(54) MEMBRANES WITH SACRIFICIAL COATINGS  
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(71) Osmose Utilities Services, Inc.  
(21) 2020200371 (22) 19.01.2020  
(54) CONTROLLED RELEASE, WOOD PRESERVING COMPOSITION WITH LOW-VOLATILE ORGANIC CONTENT FOR WOODEN STRUCTURES  
(62) 2019202824

(71) Page, W.P.  
(21) 2020200375 (22) 19.01.2020  
(54) Vehicle activated timed light circuit tester  
(31) 2019900175 (32) 21.01.19 (33) AU

(71) Paris, M.  
(21) 2020200468 (22) 21.01.2020  
(54) PERMANENT MAGNET FLUX RING GENERATOR  
(31) 2019900365 (32) 01.02.19 (33) AU

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 (54) METHOD AND SYSTEM OF USING STANDARDIZED STRUCTURAL COMPONENTS  
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(71) Portage Pharmaceuticals Ltd.  
 (21) 2020200454 (22) 22.01.2020  
 (54) Structure, manufacturing and uses of human-derived cell-permeable peptides conjugated with specific biologically active cargo peptides  
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(71) Pulse Biosciences, Inc.  
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(71) Rani Therapeutics, LLC  
 (21) 2020200413 (22) 21.01.2020  
 (54) Device, system and methods for the oral delivery of therapeutic compounds  
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(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd.  
 (21) 2020200441 (22) 22.01.2020  
 (54) Pipe connection fitting  
 (62) 2014366835

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(71) Rheinmetall Defence Electronics GmbH  
 (21) 2020200337 (22) 17.01.2020  
 (54) Load-bearing platform for carrying military payloads  
 (62) 2017271234

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(71) Rite-Hite Holding Corporation  
 (21) 2020200426 (22) 21.01.2020  
 (54) Fan And Light Units And Associated Mounting Arrangement For Use At A Loading Dock  
 (31) 16/747,360 (32) 20.01.20 (33) US  
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(71) Rite Way Mfg. Co. Ltd  
 (21) 2020200445 (22) 22.01.2020  
 (54) Ground-engaging farm implement with axle suspension to enhance field surface contact  
 (62) 2016204835

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(71) Rodriguez, B.  
 (21) 2020200372 (22) 19.01.2020  
 (54) CLOVER: THE DRESSING APRON  
 The Clover is a dressing apron, a multifunctional garment enabling the user to change discretely and dry off after swimming or showering. The Clover will reduce towel usage, influencing behavior change to incorporate the wearable towel into a normal routine, making changing easier inside comfort and design. The apron also allows the user to carry items that would otherwise be stored in a bag, furthering usability.

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(71) Rondo Building Services Pty Limited  
 (21) 2020200428 (22) 21.01.2020  
 (54) A head track for a wall  
 (62) 2014203010

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(71) Sackstein, R.  
 (21) 2020200393 (22) 21.01.2020  
 (54) Compositions and methods for modifying cell surface glycans  
 (62) 2018202313

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(71) Sage Products, LLC  
 (21) 2020200361 (22) 17.01.2020  
 (54) Apparatus and system for boosting, transferring, turning and positioning a patient  
 (62) 2017252576

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(71) Selecta Biosciences, Inc.  
 (21) 2020200446 (22) 22.01.2020  
 (54) TOLEROGENIC SYNTHETIC NANOCARRIERS  
 (62) 2017203588

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(71) Soft Rigging Solutions Pty Ltd  
 (21) 2020200364 (22) 17.01.2020  
 (54) RECOVERY AND LIFTING ASSEMBLY COMPONENTS

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(71) SOLIGENIX, INC.; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE  
 (21) 2020200335 (22) 17.01.2020  
 (54) THERMOSTABLE VACCINE COMPOSITIONS AND METHODS OF PREPARING SAME  
 (62) 2017218989

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(71) Sony Corporation  
 (21) 2020200331 (22) 17.01.2020  
 (54) Image Processing Device and Image Processing Method  
 (62) 2019201383

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(71) Southwire Company, LLC  
 (21) 2020200452 (22) 22.01.2020

(54) TRACEABLE AND THEFT DETERRENT RECLAIMABLE PRODUCT  
 (62) 2017268679

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(71) Spark, I.  
 (21) 2020200367 (22) 18.01.2020  
 (54) Improved Articulated Vehicle  
 (31) 2019900250 (32) 28.01.19 (33) AU

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(71) Staunton, I.  
 (21) 2020200442 (22) 22.01.2020  
 (54) Method and device for attracting and baiting termites  
 (62) 2018203042

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(71) Sungrow Power Supply Co., Ltd.  
 (21) 2020200403 (22) 21.01.2020  
 (54) Case bracket and electric equipment  
 (31) 201910214112.X (32) 20.03.19 (33) CN

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(71) Telefonaktiebolaget LM Ericsson (publ)  
 (21) 2020200334 (22) 17.01.2020  
 (54) Predictive acknowledgement feedback mechanism  
 (62) 2016364681

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(71) The Board of Trustees of the Leland Stanford Junior University; The Government of the United States of America, as represented by the Secretary of the Department of Health and Human Services; The Trustees of the University of Pennsylvania; Los Alamos National Security, LLC; Duke University; Trustees of Boston University  
 (21) 2020200453 (22) 22.01.2020  
 (54) Antibody evolution immunogens  
 (62) 2018203805

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**The Brigham and Women's Hospital, Inc. see Massachusetts Institute of Technology**  
 (21) 2020200346

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**The Government of the United States of America, as represented by the Secretary of the Department of Health and Human Services see The Board of Trustees of the Leland Stanford Junior University**  
 (21) 2020200453

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**THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE see SOLIGENIX, INC.**  
 (21) 2020200335

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(71) The Trustees of the University of Pennsylvania  
 (21) 2020200315 (22) 16.01.2020  
 (54) USE OF CART19 TO DEplete NORMAL B CELLS TO INDUCE TOLERANCE  
 (62) 2018203756

Complete Applications Filed - Name Index cont'd

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**The Trustees of the University of Pennsylvania see The Board of Trustees of the Leland Stanford Junior University**  
**(21)** 2020200453

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**(71)** The University of British Columbia  
**(21)** 2020200414 **(22)** 21.01.2020  
**(54)** Microfluidic devices and methods for use thereof in multicellular assays of secretion  
**(62)** 2014245806

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**(71)** TNA Australia Pty Limited  
**(21)** 2020200359 **(22)** 17.01.2020  
**(54)** A film drive assembly for a packaging machine  
**(62)** 2017268572

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**Tokitae LLC see Massachusetts Institute of Technology**  
**(21)** 2020200346

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**Trustees of Boston University see The Board of Trustees of the Leland Stanford Junior University**  
**(21)** 2020200453

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**(71)** Uber Technologies, Inc.  
**(21)** 2020200316 **(22)** 16.01.2020  
**(54)** DETECTING VEHICLE COLLISIONS BASED ON MOBILE COMPUTING DEVICE DATA  
**(62)** 2019200337

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**(71)** UNISYS CORPORATION  
**(21)** 2020200461 **(22)** 22.01.2020  
**(54)** STORAGE AND RETRIEVAL OF CRYPTOGRAPHICALLY-SPLIT DATA BLOCKS TO/FROM MULTIPLE STORAGE DEVICES  
**(62)** 2018236850

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**(71)** United Technologies Corporation  
**(21)** 2020200405 **(22)** 21.01.2020  
**(54)** Structured material alloy component and its fabrication  
**(62)** 2017265161

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**(71)** UNIVERSITE DE MONTPELLIER; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT CURIE; ABIVAX  
**(21)** 2020200333 **(22)** 17.01.2020  
**(54)** QUINOLINE DERIVATIVES FOR THE TREATMENT OF INFLAMMATORY DISEASES  
**(62)** 2015289033

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**Université de Strasbourg see Cornell University**

**(21)** 2020200408

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**Université Paris-Sud XI see Cornell University**  
**(21)** 2020200408

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**(71)** Verb Surgical Inc.  
**(21)** 2020200343 **(22)** 17.01.2020  
**(54)** Immersive three-dimensional display for robotic surgery  
**(62)** 2017339943

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**(71)** Verb Surgical Inc.  
**(21)** 2020200350 **(22)** 17.01.2020  
**(54)** Sterile adapters for use in a robotic surgical system  
**(62)** 2017379917

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**(71)** Verinata Health, Inc.  
**(21)** 2020200418 **(22)** 21.01.2020  
**(54)** Generating cell-free DNA libraries directly from blood  
**(62)** 2014233373

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**(71)** Vermeer Manufacturing Company  
**(21)** 2020200478 **(22)** 23.01.2020  
**(54)** Airlocks for conveying material, hydro excavation vacuum apparatus having airlocks, and methods for hydro excavating a site  
**(62)** 2018301839

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**(71)** Victoria Link Limited  
**(21)** 2020200439 **(22)** 22.01.2020  
**(54)** Novel bio-sensor for the detection of small molecules  
**(62)** 2014215764

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**(71)** Vyripharm Enterprises, LLC  
**(21)** 2020200390 **(22)** 21.01.2020  
**(54)** SYSTEMS AND METHODS FOR INTEGRATED AND COMPREHENSIVE MANAGEMENT OF CANNABIS PRODUCTS  
**(31)** 16/291,943 **(32)** 04.03.19 **(33)** US

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**(71)** Warren, D.  
**(21)** 2020200326 **(22)** 16.01.2020  
**(54)** DELAYED CURING RESIN COMPOSITION  
**(62)** 2016426978

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**(71)** Wiebe, C.  
**(21)** 2020200374 **(22)** 19.01.2020  
**(54)** The Bask - a skin-care mask for your back.

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**(71)** Wix.com Ltd.  
**(21)** 2020200349 **(22)** 17.01.2020

**(54)** Device, system, and method of website building by utilizing data lists  
**(62)** 2014229331

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**(71)** Woodside Energy Technologies Pty Ltd  
**(21)** 2020200322 **(22)** 16.01.2020  
**(54)** A CONTAINERISED LNG LIQUEFACTION UNIT AND ASSOCIATED METHOD OF PRODUCING LNG  
**(62)** 2018201851

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**(71)** Wright Medical Technology, Inc.  
**(21)** 2020200422 **(22)** 21.01.2020  
**(54)** Inbone talar dome with expandable flanges  
**(62)** 2019200126

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**(71)** X-Body, Inc.  
**(21)** 2020200325 **(22)** 16.01.2020  
**(54)** Target antigen discovery, phenotypic screens and use thereof for identification of target cell specific target epitopes  
**(62)** 2014302811

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**(71)** X-CHEM, INC.  
**(21)** 2020200384 **(22)** 20.01.2020  
**(54)** Tryptoline derivatives having kinase inhibitory activity and uses thereof  
**(62)** 2018201292

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**(71)** Xyleco, Inc.  
**(21)** 2020200386 **(22)** 20.01.2020  
**(54)** Filtration  
**(62)** 2018201169

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**(71)** Xyleco, Inc.  
**(21)** 2020200387 **(22)** 20.01.2020  
**(54)** Treating Biomass  
**(62)** 2017276162

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**(71)** Xyleco, Inc.  
**(21)** 2020200459 **(22)** 22.01.2020  
**(54)** Processing Biomass To Obtain Hydroxycarboxylic Acids  
**(62)** 2018202833

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**(71)** Ynsect  
**(21)** 2020200381 **(22)** 20.01.2020  
**(54)** Chitin, hydrolysate and method for the production of one or more desired products from insects by means of enzymatic hydrolysis  
**(62)** 2015373263

Numerical Index

<b>2020200272</b>	Adobe Inc.	<b>2020200377</b>	Edwards Lifesciences Corporation
<b>2020200300</b>	Andreotti, A.	<b>2020200378</b>	Dolby Laboratories Licensing Corporation; Dolby International AB
<b>2020200312</b>	Mara Renewables Corporation	<b>2020200379</b>	Avectas Limited
<b>2020200313</b>	Frank's International, LLC	<b>2020200380</b>	MasterCard International Incorporated
<b>2020200314</b>	MasterCard International Incorporated	<b>2020200381</b>	Ynsect
<b>2020200315</b>	The Trustees of the University of Pennsylvania	<b>2020200382</b>	EUROIMMUN Medizinische Labordiagnostika AG
<b>2020200316</b>	Uber Technologies, Inc.	<b>2020200383</b>	Accenture Global Solutions Limited
<b>2020200317</b>	Bradken Resources Pty Limited	<b>2020200384</b>	X-CHEM, INC.
<b>2020200319</b>	MILWAUKEE ELECTRIC TOOL CORPORATION	<b>2020200385</b>	LIFETIME PRODUCTS, INC.
<b>2020200320</b>	Integra Medical Inc.	<b>2020200386</b>	Xyleco, Inc.
<b>2020200321</b>	Ionian Technologies, Inc.	<b>2020200387</b>	Xyleco, Inc.
<b>2020200322</b>	Woodside Energy Technologies Pty Ltd	<b>2020200389</b>	Adobe Inc.
<b>2020200323</b>	Nationwide Children's Hospital, Inc.	<b>2020200390</b>	Vyripharm Enterprises, LLC
<b>2020200324</b>	BioAtla, LLC	<b>2020200391</b>	IGT
<b>2020200325</b>	X-Body, Inc.	<b>2020200392</b>	Deere & Company
<b>2020200326</b>	Warren, D.	<b>2020200393</b>	Sackstein, R.
<b>2020200327</b>	Miles, S.	<b>2020200394</b>	Agventure B.V.
<b>2020200328</b>	Mainstay Medical Limited	<b>2020200395</b>	Chugai Seiyaku Kabushiki Kaisha
<b>2020200329</b>	Amgen Inc.	<b>2020200396</b>	Novartis AG
<b>2020200330</b>	Covidien LP	<b>2020200397</b>	Apple Inc.
<b>2020200331</b>	Sony Corporation	<b>2020200400</b>	Colgate-Palmolive Company
<b>2020200332</b>	Aranoo Pty Ltd	<b>2020200401</b>	ALSTOM Transport Technologies
<b>2020200333</b>	UNIVERSITE DE MONTPELLIER; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT CURIE; ABIVAX	<b>2020200402</b>	Optis Wireless Technology, LLC
<b>2020200334</b>	Telefonaktiebolaget LM Ericsson (publ)	<b>2020200403</b>	Sungrow Power Supply Co., Ltd.
<b>2020200335</b>	SOLIGENIX, INC.; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	<b>2020200404</b>	Centocor, Inc.
<b>2020200336</b>	Formation Biologics Inc.	<b>2020200405</b>	United Technologies Corporation
<b>2020200337</b>	Rheinmetall Defence Electronics GmbH	<b>2020200406</b>	Granum (Overseas) Pty Ltd
<b>2020200338</b>	CASIO COMPUTER CO., LTD.	<b>2020200407</b>	F. Hoffmann-La Roche AG
<b>2020200339</b>	Apple Inc.	<b>2020200408</b>	Cornell University; Centre National De La Recherche Scientifique (CNRS); Université de Strasbourg; Université Paris-Sud XI; APHP (Assistance Publique - Hôpitaux de Paris); INSERM (Institut National de la Santé et de la Recherche Médicale)
<b>2020200340</b>	Dolby International AB	<b>2020200409</b>	Implament Pty Ltd
<b>2020200341</b>	Accenture Global Solutions Limited	<b>2020200410</b>	Freedom Solutions Group, LLC
<b>2020200342</b>	Modular Innovations Pty Ltd	<b>2020200411</b>	Hayward Industries, Inc.
<b>2020200343</b>	Verb Surgical Inc.	<b>2020200412</b>	Fisher & Paykel Healthcare Limited
<b>2020200344</b>	Brian Investments Pty Ltd	<b>2020200413</b>	Rani Therapeutics, LLC
<b>2020200345</b>	Johnson Controls Technology Company	<b>2020200414</b>	The University of British Columbia
<b>2020200346</b>	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.; Tokitae LLC	<b>2020200415</b>	LG Electronics Inc.
<b>2020200347</b>	Implantica Patent Ltd	<b>2020200416</b>	Guardhat, Inc.
<b>2020200348</b>	Johnson & Johnson Consumer Companies, Inc.	<b>2020200417</b>	Dioxide Materials, Inc.
<b>2020200349</b>	Wix.com Ltd.	<b>2020200418</b>	Verinata Health, Inc.
<b>2020200350</b>	Verb Surgical Inc.	<b>2020200419</b>	Acacia Products Pty Ltd
<b>2020200351</b>	Ancestry.com DNA, LLC	<b>2020200420</b>	Amazentis SA
<b>2020200352</b>	Araim Pharmaceuticals, Inc.	<b>2020200421</b>	Meural Inc.
<b>2020200353</b>	QuiaPEG Pharmaceuticals AB	<b>2020200422</b>	Wright Medical Technology, Inc.
<b>2020200354</b>	LANDA LABS (2012) LTD	<b>2020200423</b>	Dyax Corp.
<b>2020200355</b>	GENENTECH, INC.	<b>2020200424</b>	Atlas Copco Airpower, naamloze vennootschap
<b>2020200357</b>	DePuy Synthes Products, Inc.	<b>2020200425</b>	Juul Labs, Inc.
<b>2020200358</b>	Patco, LLC	<b>2020200426</b>	Rite-Hite Holding Corporation
<b>2020200359</b>	TNA Australia Pty Limited	<b>2020200427</b>	Boehringer Ingelheim Vetmedica GmbH
<b>2020200360</b>	Covidien LP	<b>2020200428</b>	Rondo Building Services Pty Limited
<b>2020200361</b>	Sage Products, LLC	<b>2020200429</b>	Canon Kabushiki Kaisha
<b>2020200363</b>	Osmoflo Pty Ltd	<b>2020200430</b>	Evolution Aqua Limited
<b>2020200364</b>	Soft Rigging Solutions Pty Ltd	<b>2020200431</b>	Axon Enterprise, Inc.
<b>2020200365</b>	Nomura Research Institute, Ltd.	<b>2020200432</b>	Nevro Corporation
<b>2020200366</b>	Bair, R.; Buzick, B.L.	<b>2020200433</b>	Livin Livin Pty Ltd
<b>2020200367</b>	Spark, I.	<b>2020200434</b>	Global Traffic Technologies, LLC
<b>2020200368</b>	A. Finkl & Sons Co.	<b>2020200436</b>	Allergan Industrie SAS
<b>2020200369</b>	NEWCASTLE SAFETY SERVICING PTY. LTD.	<b>2020200437</b>	JVC Kenwood Corporation
<b>2020200370</b>	Dalian University of Technology	<b>2020200438</b>	Nextleaf Solutions Ltd.
<b>2020200371</b>	Osmose Utilities Services, Inc.	<b>2020200439</b>	Victoria Link Limited
<b>2020200372</b>	Rodriguez, B.	<b>2020200440</b>	Magic Leap, Inc.
<b>2020200373</b>	Baxalta Incorporated; Baxalta GmbH	<b>2020200441</b>	Reliance Worldwide Corporation (Aust.) Pty. Ltd.
<b>2020200374</b>	Wiebe, C.	<b>2020200442</b>	Staunton, I.
<b>2020200375</b>	Page, W.P.	<b>2020200443</b>	Huawei Technologies Co., Ltd.
<b>2020200376</b>	Bristol-Myers Squibb Company		

## Complete Applications Filed - Numerical Index cont'd

2020200444 MOLECULAR SYSTEMS, LTD.; Kalmeta, M.  
2020200445 Rite Way Mfg. Co. Ltd  
2020200446 Selecta Biosciences, Inc.  
2020200447 BioMech Sensor LLC  
2020200448 Dolby Laboratories Licensing Corporation; Dolby International AB  
2020200449 Dolby International AB  
2020200451 Moog Inc.  
2020200452 Southwire Company, LLC  
2020200453 The Board of Trustees of the Leland Stanford Junior University; The Government of the United States of America, as represented by the Secretary of the Department of Health and Human Services; The Trustees of the University of Pennsylvania; Los Alamos National Security, LLC; Duke University; Trustees of Boston University  
2020200454 Portage Pharmaceuticals Ltd.  
2020200455 Pulse Biosciences, Inc.  
2020200456 Beijing University of Chemical Technology  
2020200457 NOVOLUTO GmbH  
2020200458 Orora Packaging Solutions  
2020200459 Xyleco, Inc.  
2020200461 UNISYS CORPORATION  
2020200464 MAX CO., LTD.  
2020200465 Maguire, A.  
2020200466 Howmedica Osteonics Corp.  
2020200468 Paris, M.  
2020200478 Vermeer Manufacturing Company



**Innovation Patent Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 21 Jan 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Abo Window Fashion Corp.; CHUANG, S. (21) 2020100109 (22) 22.01.2020 (54) Window Curtain</p> <hr/> <p>(71) Abo Window Fashion Corp.; CHUANG, S. (21) 2020100110 (22) 22.01.2020 (54) Window Shade</p> <hr/> <p><b>Bian, Y. see Singpai, B.</b> (21) 2020100094</p> <hr/> <p>(71) BIO MERAKI PTY LTD (21) 2020100089 (22) 16.01.2020 (54) PAPER PULP CUP LIDS WITH DOUBLE LOCK STRUCTURE AND ITS FORMING METHOD</p> <hr/> <p>(71) CHANG, J. (21) 2020100115 (22) 22.01.2020 (54) WIRELESS NEGATIVE ION HAIR CARE CAP</p> <hr/> <p><b>CHUANG, S. see Abo Window Fashion Corp.</b> (21) 2020100109</p> <hr/> <p><b>CHUANG, S. see Abo Window Fashion Corp.</b> (21) 2020100110</p> <hr/> <p>(71) Hashem, N. (21) 2020100096 (22) 19.01.2020 (54) eCommerce platform bringing together independent writers to production studios and publishing houses</p> <hr/> <p><b>Inner Mongolia Academy of Agricultural &amp; Animal Husbandry Sciences see Inner Mongolia Huiyang Electronic Commerce Co., Ltd</b> (21) 2020100098</p> <hr/> <p><b>Inner Mongolia Benniu Technology Co., Ltd see Inner Mongolia Huiyang Electronic Commerce Co., Ltd</b> (21) 2020100098</p> <hr/> <p>(71) Inner Mongolia Huiyang Electronic Commerce Co., Ltd; Inner Mongolia</p>	<p>Benniu Technology Co., Ltd; Inner Mongolia Academy of Agricultural &amp; Animal Husbandry Sciences (21) 2020100098 (22) 20.01.2020 (54) METHOD FOR CONDUCTING POPULATION SELECTIVE-BREEDING OF MUTTON SHEEP (31) 201910445784.1 (32) 27.05.19 (33) CN</p> <hr/> <p><b>JIANG, H. see KARAMOOZIAN, A.</b> (21) 2020100095</p> <hr/> <p>(71) KARAMOOZIAN, A.; JIANG, H. (21) 2020100095 (22) 18.01.2020 (54) BRAKE DISCS STRUCTURES WITH THIN WALLED LATTICE PLATE: HOMOGENIZED AND MICROMECHANICS MODELLING APPROACH</p> <hr/> <p>(71) LIAONING QINGYANG EXPLOSIVE MATERIALS CO., LTD (21) 2020100105 (22) 21.01.2020 (54) NOVEL INITIATOR BASE</p> <hr/> <p>(71) Neptune Bio-Innovations Pty Ltd (21) 2020100116 (22) 22.01.2020 (54) COMPOSITIONS COMPRISING TURMERIC EXTRACTS (31) 2019900202 (32) 22.01.19 (33) AU</p> <hr/> <p>(71) Newham, M. (21) 2020100097 (22) 19.01.2020 (54) Water Miser Watering Can</p> <hr/> <p>(71) NIE, B. (21) 2020100091 (22) 17.01.2020 (54) FOLDABLE TENSION SPRING MATTRESS (62) PCT/CN2018/095296</p> <hr/> <p>(71) OU, C. (21) 2020100112 (22) 22.01.2020 (54) A SMART CHARGE AND POWER SUPPLY DEVICE FOR VEHICLES AND MOTORCYCLES</p> <hr/> <p>(71) OU, C. (21) 2020100113 (22) 22.01.2020 (54) A SMART CHARGE AND POWER SUPPLY DEVICE FOR MOBILE VEHICLES</p> <hr/> <p>(71) OXTI CORPORATION (21) 2020100104 (22) 21.01.2020</p>	<p>(54) PROJECTOR WITH ARM SUPPORTED FIXING FRAME</p> <hr/> <p>(71) Pharmag AS (21) 2020100108 (22) 22.01.2020 (54) Live fish processing system, and associates method (62) 2018313729</p> <hr/> <p>(71) Rahdar, A. (21) 2020100088 (22) 16.01.2020 (54) Rahdar Braking System (RBS). Both wheels of a motorcycle brake under the control of only the front lever. (31) UNKNOWN (32) 16.01.20 (33) AU (62) UNKNOWN</p> <hr/> <p>(71) Remuda Energy Solutions Inc. (21) 2020100099 (22) 20.01.2020 (54) Apparatus and method for cutting a tubular (62) 2017268491</p> <hr/> <p>(71) Shenzhen Haneco Technology Co. LTD; YANG, L. (21) 2020100101 (22) 21.01.2020 (54) Bluetooth switch socket (31) 201921829033.1 (32) 28.10.19 (33) CN</p> <hr/> <p>(71) Shenzhen Haneco Technology Co. LTD; YANG, L. (21) 2020100102 (22) 21.01.2020 (54) Bluetooth dimmer socket (31) 201921826044.4 (32) 28.10.19 (33) CN</p> <hr/> <p>(71) Singpai, B.; Wu, D.; Bian, Y. (21) 2020100094 (22) 18.01.2020 (54) An integrative approach for evaluating the socio-economic and ecological efficiencies</p> <hr/> <p>(71) Southwest University (21) 2020100090 (22) 16.01.2020 (54) A New Technology For Wireless Intelligent Switch Control System</p> <hr/> <p>(71) Teed, L. (21) 2020100106 (22) 21.01.2020 (54) BUM BAG WITH DRINK HOLDER</p> <hr/> <p>(71) The trustee for WHITING FAMILY TRUST (21) 2020100114 (22) 22.01.2020</p>
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Innovation Patent Applications Filed - Name Index cont'd

(54) Novel method to determine binder(bitumen) content and aggregate grading of asphalt and aggregate

(71) University of Science and Technology of China

(21) 2020100103 (22) 21.01.2020

(54) Vacuum Stepwise Heating-Element-Iso-topic Enrichment Analysis Device

(71) van Schalkwyk, G.

(21) 2020100107 (22) 22.01.2020

(54) Meta-website/application to function as a gateway and interface to other web-sites/applications/tools.

(71) Virtual Buildings Information System Pty Ltd

(21) 2020100120 (22) 23.01.2020

(54) Virtual building information systems

Wu, D. see Singpai, B.

(21) 2020100094

(71) Xiamen Institute of Rare Earth Materials

(21) 2020100093 (22) 17.01.2020

(54) ISONICOTINIC ACID DERIVATIVE AND PREPARATION METHOD AND APPLICATION THEREOF TECHNICAL FIELD

(31) 2019102094862 (32) 19.03.19 (33) CN

YANG, L. see Shenzhen Haneco Technology Co. LTD

(21) 2020100101

YANG, L. see Shenzhen Haneco Technology Co. LTD

(21) 2020100102

(71) Yang Bey Industrial Co., Ltd

(21) 2020100111 (22) 22.01.2020

(54) PROTECTIVE TAPE DISPENSER

(71) Zhejiang Jiansheng Leisure Products Co., Ltd

(21) 2020100117 (22) 23.01.2020

(54) Central bidirectional rotation locking mechanism for folding tent

(31) 2019223640405 (32) 25.12.19 (33) CN

(71) Zhejiang Jiansheng Leisure Products Co., Ltd

(21) 2020100118 (22) 23.01.2020

(54) New central locking apparatus for folding tent

(31) 2019205878612 (32) 26.04.19 (33) CN

(71) Zhejiang Jiansheng Leisure Products Co., Ltd

(21) 2020100119 (22) 23.01.2020

(54) Central lock for folding tent

(31) 2019212623923 (32) 06.08.19 (33) CN

(71) Zoetis Services LLC

(21) 2020100092 (22) 17.01.2020

(54) Apparatus for analyzing a media, and associated egg identification apparatus and method

(62) 2018310450

Numerical Index

<b>2020100088</b>	Rahdar, A.	<b>2020100104</b>	OXTI CORPORATION
<b>2020100089</b>	BIO MERAKI PTY LTD	<b>2020100105</b>	LIAONING QINGYANG EXPLOSIVE MATERIALS CO., LTD
<b>2020100090</b>	Southwest University	<b>2020100106</b>	Teed, L.
<b>2020100091</b>	NIE, B.	<b>2020100107</b>	van Schalkwyk, G.
<b>2020100092</b>	Zoetis Services LLC	<b>2020100108</b>	Pharmag AS
<b>2020100093</b>	Xiamen Institute of Rare Earth Materials	<b>2020100109</b>	Abo Window Fashion Corp.; CHUANG, S.
<b>2020100094</b>	Singpai, B.; Wu, D.; Bian, Y.	<b>2020100110</b>	Abo Window Fashion Corp.; CHUANG, S.
<b>2020100095</b>	KARAMOOZIAN, A.; JIANG, H.	<b>2020100111</b>	Yang Bey Industrial Co., Ltd
<b>2020100096</b>	Hashem, N.	<b>2020100112</b>	OU, C.
<b>2020100097</b>	Newham, M.	<b>2020100113</b>	OU, C.
<b>2020100098</b>	Inner Mongolia Huiyang Electronic Commerce Co., Ltd; Inner Mongolia Benniu Technology Co., Ltd; Inner Mongolia Academy of Agricultural & Animal Husbandry Sciences	<b>2020100114</b>	The trustee for WHITING FAMILY TRUST
<b>2020100099</b>	Remuda Energy Solutions Inc.	<b>2020100115</b>	CHANG, J.
<b>2020100101</b>	Shenzhen Haneco Technology Co. LTD; YANG, L.	<b>2020100116</b>	Neptune Bio-Innovations Pty Ltd
<b>2020100102</b>	Shenzhen Haneco Technology Co. LTD; YANG, L.	<b>2020100117</b>	Zhejiang Jiansheng Leisure Products Co., Ltd
<b>2020100103</b>	University of Science and Technology of China	<b>2020100118</b>	Zhejiang Jiansheng Leisure Products Co., Ltd
		<b>2020100119</b>	Zhejiang Jiansheng Leisure Products Co., Ltd
		<b>2020100120</b>	Virtual Buildings Information System Pty Ltd

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

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

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 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

**2000**

- 2000012447 ( 14 )    2000012469 ( 14 )    2000012481 ( 14 )
- 2000012486 ( 14 )    2000012499 ( 14 )    2000012504 ( 14 )
- 2000012514 ( 14 )    2000013484 ( 14 )    2000013486 ( 14 )
- 2000013498 ( 14 )    2000019870 ( 14 )    2000019959 ( 14 )
- 2000021247 ( 14 )    2000022921 ( 14 )    2000023398 ( 14 )
- 2000025088 ( 14 )    2000025109 ( 14 )    2000025114 ( 14 )
- 2000025269 ( 14 )    2000025418 ( 14 )    2000025553 ( 14 )
- 2000025847 ( 14 )    2000026154 ( 14 )    2000026161 ( 14 )
- 2000026172 ( 14 )    2000026173 ( 14 )    2000026174 ( 14 )
- 2000026176 ( 14 )    2000026215 ( 14 )    2000026223 ( 14 )
- 2000026233 ( 14 )    2000026241 ( 14 )    2000026651 ( 14 )
- 2000027325 ( 14 )    2000027358 ( 14 )    2000028220 ( 14 )
- 2000028520 ( 14 )    2000030627 ( 14 )    2000030716 ( 14 )
- 2000030759 ( 14 )    2000031498 ( 14 )    2000034208 ( 14 )
- 2000041657 ( 14 )    2000045151 ( 14 )    2000063432 ( 14 )
- 2000066911 ( 14 )

**2001**

- 2001271935 ( 14 )    2001271956 ( 14 )    2001271980 ( 14 )

2001278888 ( 14 )    2001291669 ( 14 )

**2002**

- 2002300013 ( 14 )    2002300035 ( 14 )    2002316610 ( 14 )
- 2002320348 ( 14 )    2002330671 ( 14 )    2002354863 ( 14 )

**2003**

- 2003247913 ( 14 )    2003251831 ( 14 )    2003304331 ( 14 )

**2004**

- 2004202293 ( 14 )    2004203128 ( 14 )    2004231221 ( 14 )
- 2004233493 ( 14 )    2004233543 ( 14 )    2004257698 ( 14 )

**2005**

- 2005200206 ( 14 )    2005201926 ( 14 )    2005203000 ( 14 )
- 2005261893 ( 14 )    2005263899 ( 14 )    2005265428 ( 14 )

**2006**

- 2006268292 ( 14 )    2006268625 ( 14 )    2006268899 ( 14 )
- 2006269312 ( 14 )    2006269829 ( 14 )    2006346195 ( 14 )

**2007**

- 2007203215 ( 14 )    2007203219 ( 14 )    2007203221 ( 14 )
- 2007272558 ( 14 )    2007272601 ( 14 )    2007272602 ( 14 )
- 2007272630 ( 14 )    2007273589 ( 14 )    2007275505 ( 14 )
- 2007353897 ( 14 )

**2008**

- 2008203022 ( 14 )    2008229968 ( 14 )    2008275642 ( 14 )
- 2008281100 ( 14 )

**2009**

- 2009267389 ( 14 )    2009268419 ( 14 )    2009268503 ( 14 )
- 2009268532 ( 14 )    2009269095 ( 14 )    2009269096 ( 14 )
- 2009269575 ( 14 )    2009269702 ( 14 )    2009269765 ( 14 )
- 2009270322 ( 14 )    2009271125 ( 14 )    2009271205 ( 14 )
- 2009271840 ( 14 )    2009284454 ( 14 )

**2010**

- 2010201491 ( 14 )    2010269815 ( 14 )    2010271314 ( 14 )
- 2010271345 ( 14 )    2010271404 ( 14 )    2010273694 ( 14 )
- 2010274849 ( 14 )    2010275780 ( 14 )    2010277855 ( 14 )
- 2010286957 ( 14 )    2010307261 ( 14 )

**2011**

- 2011202413 ( 14 )    2011274435 ( 14 )    2011274438 ( 14 )
- 2011274845 ( 14 )

**2012**

- 2012100044 ( 22 )    2012100054 ( 22 )    2012100055 ( 22 )
- 2012100060 ( 22 )    2012100061 ( 22 )    2012101872 ( 21F )
- 2012101966 ( 22E )    2012204074 ( 14 )    2012211437 ( 14 )
- 2012230099 ( 14 )    2012230100 ( 14 )    2012230101 ( 14 )
- 2012230102 ( 14 )    2012282216 ( 14 )    2012282543 ( 14 )
- 2012282573 ( 14 )    2012282766 ( 14 )    2012282768 ( 14 )
- 2012288600 ( 14 )    2012289044 ( 14 )    2012385281 ( 14 )

**2013**

- 2013100210 ( 21F )    2013101667 ( 22E )    2013204963 ( 14 )
- 2013206215 ( 14 )    2013206737 ( 14 )    2013206771 ( 14 )
- 2013231196 ( 14 )    2013273839 ( 14 )    2013285362 ( 14 )
- 2013286544 ( 14 )    2013286547 ( 14 )    2013286827 ( 14 )
- 2013287727 ( 14 )    2013288369 ( 14 )    2013288755 ( 14 )
- 2013288793 ( 14 )    2013288902 ( 14 )    2013289848 ( 14 )
- 2013290589 ( 14 )    2013291846 ( 14 )    2013294803 ( 14 )
- 2013295207 ( 14 )    2013376459 ( 4C )

**2014**

- 2014100793 ( 22E )    2014100798 ( 22E )    2014100827 ( 22 )
- 2014202134 ( 5C )    2014202854 ( 14 )    2014203741 ( 14 )
- 2014214650 ( 5C )    2014217831 ( 5C )    2014223470 ( 5C )
- 2014231758 ( 5C )    2014237034 ( 5C )    2014252667 ( 5C )
- 2014287071 ( 4C )    2014287157 ( 14 )    2014287209 ( 14 )

2014287228 ( 14 ) 2014287239 ( 14 ) 2014287316 ( 4C )  
 2014287355 ( 14 ) 2014287443 ( 14 ) 2014289021 ( 4C )  
 2014289183 ( 4C ) 2014289283 ( 14 ) 2014293626 ( 5C )  
 2014324660 ( 5C ) 2014335971 ( 5C )

**2015**

2015200488 ( 14 ) 2015201670 ( 5C ) 2015218305 ( 5C )  
 2015218703 ( 5C ) 2015233159 ( 5C ) 2015241735 ( 5C )  
 2015254266 ( 5C ) 2015255678 ( 5C ) 2015261722 ( 14 )  
 2015279105 ( 25D ) 2015287778 ( 4C ) 2015287875 ( 14 )  
 2015287904 ( 14 ) 2015289326 ( 14 ) 2015290000 ( 14 )  
 2015290033 ( 4C ) 2015290041 ( 14 ) 2015300988 ( 25D )  
 2015303976 ( 4B ) 2015304955 ( 4B ) 2015323562 ( 25D )  
 2015331049 ( 5C ) 2015390957 ( 4B ) 2015400474 ( 1B )

**2016**

2016101049 ( 22E ) 2016200406 ( 1B ) 2016200655 ( 1B )  
 2016200730 ( 1B ) 2016203918 ( 5C ) 2016204901 ( 1B )  
 2016208259 ( 14 ) 2016210651 ( 1B ) 2016210734 ( 1B )  
 2016214012 ( 1B ) 2016214265 ( 5C ) 2016215110 ( 1B )  
 2016215155 ( 1B ) 2016215209 ( 1B ) 2016215226 ( 1B )  
 2016215744 ( 1B ) 2016218052 ( 1B ) 2016218562 ( 1B )  
 2016219325 ( 1B ) 2016219497 ( 1B ) 2016219617 ( 14 )  
 2016220044 ( 1B ) 2016220045 ( 1B ) 2016220134 ( 1B )  
 2016220403 ( 1B ) 2016258912 ( 5C ) 2016265984 ( 1B )  
 2016277559 ( 1B ) 2016277761 ( 5C ) 2016286651 ( 1B )  
 2016287304 ( 1B ) 2016287533 ( 1B ) 2016287580 ( 1B )  
 2016288246 ( 1B ) 2016290841 ( 1B ) 2016290982 ( 1B )  
 2016291147 ( 1B ) 2016291194 ( 5C ) 2016293621 ( 5C )  
 2016294939 ( 1B ) 2016294940 ( 1B ) 2016297680 ( 1B )  
 2016297901 ( 1B ) 2016298751 ( 5C ) 2016299711 ( 1B )  
 2016300174 ( 1B ) 2016300832 ( 5C ) 2016306016 ( 1B )  
 2016309268 ( 5C ) 2016311495 ( 1B ) 2016312282 ( 1B )  
 2016314173 ( 1B ) 2016321714 ( 5C ) 2016334401 ( 1B )  
 2016337627 ( 1B ) 2016338691 ( 1B ) 2016338874 ( 1B )  
 2016339424 ( 5C ) 2016340237 ( 1B ) 2016340239 ( 1B )  
 2016341109 ( 1B ) 2016343993 ( 5C ) 2016358708 ( 1B )  
 2016358709 ( 1B ) 2016358710 ( 1B ) 2016358712 ( 1B )  
 2016359530 ( 5C ) 2016359626 ( 1B ) 2016364959 ( 1B )  
 2016366730 ( 5C ) 2016376213 ( 1B ) 2016377432 ( 5C )  
 2016381121 ( 5C ) 2016382444 ( 5C ) 2016382854 ( 5C )  
 2016408910 ( 5C )

**2017**

2017100942 ( 22E ) 2017201092 ( 4C ) 2017204272 ( 4C )  
 2017208332 ( 5C ) 2017210495 ( 5C ) 2017212052 ( 5C )  
 2017218652 ( 5C ) 2017225894 ( 5C ) 2017229480 ( 5C )  
 2017245472 ( 5C ) 2017248491 ( 5C ) 2017255435 ( 5C )  
 2017258907 ( 5C ) 2017268546 ( 5C ) 2017268584 ( 5C )  
 2017276187 ( 5C ) 2017276247 ( 5C ) 2017276251 ( 5C )  
 2017276252 ( 5C ) 2017276298 ( 4C ) 2017299334 ( 25D )  
 2017397258 ( 5C )

**2018**

2018100697 ( 21F ) 2018200269 ( 5C ) 2018200320 ( 5C )  
 2018200321 ( 5C ) 2018200353 ( 5C ) 2018200951 ( 5C )  
 2018200964 ( 5C ) 2018201001 ( 5C ) 2018201250 ( 4C )  
 2018201470 ( 5C ) 2018201708 ( 5C ) 2018202029 ( 5C )  
 2018202142 ( 5C ) 2018202362 ( 5C ) 2018202898 ( 5C )  
 2018214100 ( 4C ) 2018217329 ( 4C )

**2019**

2019100337 ( 21F ) 2019100493 ( 21F ) 2019101340 ( 18AN )  
 2019201839 ( 25D ) 2019206137 ( 12AN ) 2019257460 ( 1B )  
 2019257523 ( 1B ) 2019257525 ( 1B ) 2019264570 ( 7AN )  
 2019900217 ( 12AN ) 2019900716 ( 12AN ) 2019900748 ( 12AN )

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

**2019**

2019200968 **Owen-Evans, C.** Provisional Number: 2019904977

**Assignments before Grant, Section 113**

**2014**

2014265073 **Celgene Corporation** The application has been assigned to **Amgen (Europe) GmbH**

**2015**

2015405065 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2015405688 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2015411837 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2015411838 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2015411949 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2015411950 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2015411952 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2015411954 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

**2016**

2016208597 **HTC Sweden AB** The application has been assigned to **Husqvarna AB**

2016255360 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2016256327 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2016256328 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2016256329 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

2016256330 **Avent, Inc.** The application has been assigned to **O&M Halyard International Unlimited Company**

**Assignments before Grant, Section 113**

2016326632 HUSQVARNA CONSTRUCTION PRODUCTS NORTH AMERICA, INC. The application has been assigned to **Husqvarna AB**

2016346311 Avent, Inc. The application has been assigned to **O&M Halyard International Unlimited Company**

2016346312 Avent, Inc. The application has been assigned to **O&M Halyard International Unlimited Company**

2016380985 Ceek Enterprises The application has been assigned to **CEEK Women's Health, Inc.**

2016380987 Ceek Enterprises The application has been assigned to **CEEK Women's Health, Inc.**

2016380989 Ceek Enterprises The application has been assigned to **CEEK Women's Health, Inc.**

2016381698 Ceek Enterprises The application has been assigned to **CEEK Women's Health, Inc.**

**2017**

2017229852 J.D. Franco & Co.; Franco, Jeff; Vidlund, Robert; Calhoun, Michael The application has been assigned to **J.D. Franco & Co., LLC**

2017263531 Bayer HealthCare LLC The application has been assigned to **Beiersdorf AG**

2017263534 Bayer HealthCare LLC The application has been assigned to **Beiersdorf AG**

2017292169 CRISPR Therapeutics AG The application has been assigned to **Vertex Pharmaceuticals Incorporated**

2017292173 Crispr Therapeutics AG The application has been assigned to **Vertex Pharmaceuticals Incorporated**

2017294640 High Speed Transmission Solutions Ltd The application has been assigned to **UWB X Ltd**

2017404507 Ceek Enterprises The application has been assigned to **CEEK Women's Health, Inc.**

**2018**

2018206204 Earth Tool Company LLC The application has been assigned to **The Charles Machine Works, Inc.**

**2019**

2019900387 Matrak Industries Pty Ltd The application has been assigned to **MATRAK SHIELD PTY LTD**

2019901103 Bennett, Kerry The application has been assigned to **ARYK Technologies Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**2010**

2010259927 **Radar Corporation** An application to extend the time from 11 Jun 2019 to 11 Feb 2020 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2010332112 **Mayo Foundation for Medical Education and Research** An application to extend the time from 03 Dec 2017 to 03 Oct 2019 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2011**

2011239766 **Midland Pig Producers Limited** An application to extend the time from 12 Apr 2019 to 12 Dec 2019 in which to pay a renewal fee has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

**2015**

2015262888 **Ibis Information Systems Pty Ltd** An application to extend the time from 21 May 2019 to 21 Dec 2019 in which to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2015305171 **Zhongying Changjiang International New Energy Investment Co., Ltd** An application to extend the time from 30 Jun 2019 to 30 Jan 2020 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2015305172 **Zhongying Changjiang International New Energy Investment Co., Ltd** An application to extend the time from 30 Jun 2019 to 30 Jan 2020 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2019**

2019200376 **Devgen NV** An application to extend the time from 02 May 2019 to 02 Dec 2019 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

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

**2009**

2009254972 **ManukaMed Holdings Limited Partnership** The time in which to pay the renewal fee has been extended to 05 Oct 2019 . Address for service - AJ Pietras IP Limited P O Box 30173 Lower Hutt 5040 NZ

**2012**

2012200876 **Smed, O.** The time in which to pay the renewal fee has been extended to 15 Sep 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Extensions of Time, Section 223****2013**

2013228077 **Bioneer Corporation** The time in which to pay a renewal fee has been extended to 11 Oct 2019 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**2014**

2014243881 **EndoShape Inc.** The time in which to pay a renewal fee has been extended to 13 Nov 2019 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

**2017**

2017203501 **Vaxine Pty Ltd** The time in which to pay the acceptance fee has been extended to 03 Feb 2020 . Address for service - Vaxine Pty Ltd Vaxine Pty Ltd Department of Endocrinology Flinders Medical Centre Beford park SA 5042 AU

2017264982 **Seattle Children's Hospital d/b/a Seattle Children's Research Institute** The time in which to pay a continuation fee has been extended to 13 Sep 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2017413922 **Vergara Alarcón, Demóstenes Jesús** The time in which to enter the National Phase has been extended to 11 Jan 2020 . Address for service - In-Legal Limited PO Box 8026 Wellington 6143 NZ

**2019**

2019200607 **LANDA LABS (2012) LTD** The time in which to pay the acceptance fee has been extended to 10 Feb 2020 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 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.

**2010**

2010262862 Compositions and methods for modulation of SMN2 splicing in a subject **Cold Spring Harbor Laboratory ; Biogen MA Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2014**

2014228186 Modular pool/spa control system **Hayward Industries, Inc** The nature of the amendment is: Amend the name of the inventor to read PRUCHNIEWSKI, David; POTUCEK, Kevin; FOURNIER, Gregory; MURDOCK, James; BLAINE, David; BRUNETTI, Carl I.; SAWYER, Douglas; HEON, Robert; STEVENS, John; CARTER, James; HORROCKS, Craig and WHITE, Kenneth . Address for service - Davies

**Amendments**

Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2015**

2015325329 CARBONATED BEVERAGE, SYRUP USED FOR PREPARING CARBONATED BEVERAGE, METHOD FOR MANUFACTURING CARBONATED BEVERAGE, AND METHOD FOR SUPPRESSING FOAMING IN CARBONATED BEVERAGE **Suntory Holdings Limited** The nature of the amendment is as shown in the statement(s) filed 02 Dec 2019 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016295792 Use of polymeric additives for paraffin-containing fluids **Sasol Performance Chemicals GmbH** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2017**

2017203816 Handwriting Keyboard for small screens **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2020 . Address for service - FPA Patent Attorneys Pty Ltd MLC Centre Martin Place SYDNEY NSW 2000 AU

2017287762 Pyrazolopyrimidine derivatives as kinase inhibitor **Dae-woong Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017293271 Imidazo[1,2-a]pyridine derivatives, methods for preparing the same and use thereof **Jeil Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2017329950 Biomass treatment process and apparatus **Phan , A.** The nature of the amendment is as shown in the statement(s) filed 26 Nov 2019 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**2018**

2018237814 THREE-DIMENSIONALIZATION OF FIFTH GENERATION COMMUNICATION **SoftBank Corp.** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2019 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2018260930 Handwriting keyboard for small screens **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2020 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**Amendments Made****2014**

2014203010 **Rondo Building Services Pty Limited** The nature of the amendment is: Application is to proceed under the number 2014101663

**Amendments**

2014362192 **Ab Initio Technology LLC** The nature of the amendment is: Amend the invention title to read DYNAMICALLY DETERMINING A MODE OF A DATA PROCESSING APPLICATION

**2015**

2015276247 **Ferring B.V.** The nature of the amendment is as shown in the statement filed 24 Oct 2019

2015336311 **Ankh Life Sciences Limited** The nature of the amendment is as shown in the statement(s) filed 10 Dec 2019

2015374236 **Dish Technologies L.L.C.** The nature of the amendment is: Amend the name of the inventor to read Youngberg, Toby; Harvey, William Joseph; Holbrook, Christian; Birdsong, Anthony and Herrmann, Katherine Joan

**2016**

2016258274 **DFH Therapeutics, Inc.; Hetero Labs Limited** The nature of the amendment is: Amend the invention title to read C-3 NOVEL TRITERPENONE WITH C-17 REVERSE AMIDE DERIVATIVES AS HIV INHIBITORS

2016285868 **Nanotics, LLC** The nature of the amendment is: Amend the invention title to read COMPOSITIONS AND METHODS RELATED TO SCAVENGER PARTICLES

2016325720 **Procyrion, Inc.** The nature of the amendment is: Amend the name of the inventor to read Gross-Hardt, Sascha; Kaufmann, Tim; Clifton, William L.; Hertzog, Benjamin A. and Heuring, Jason J.

2016400119 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2016102436

2016423976 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2016102435

**2017**

2017210508 **Owens Corning Intellectual Capital, LLC** The nature of the amendment is as shown in the statement filed 04 Oct 2019

2017421176 **Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation** The nature of the amendment is: Amend the invention title to read Remaining battery energy estimation device, remaining battery energy estimation method, and program

**2018**

2018200876 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement filed 24 Oct 2019

2018217444 **Vale S.A.; Serviço Nacional de Aprendizagem Industrial, Departamento Regional da Bahia** The nature of the amendment is: Amend the name of the inventor to read Freitas, Gustavo Medeiros; Rocha, Filipe Augusto Santos; Torre, Marcos Paulo; Fontes Junior, Angelo Frederico; Ramos, Victória Regina; Nogueira, Luiz Eduardo Da Costa; Santos, Alexandre Souza; Cota, Eduardo; Miola, Wilson; Dos Reis, Marco Antonio; Costa, Branilson Luiz Santos; Ledezma, Luis Carlos Moreno; Evangelista, Ronaldo Pereira; Alcantara, Pedro Xavier; Lima, Rebeca Tourinho; De Souza, Tiago Pereira; Brandi,

**Amendments**

Iuri Viana; Araújo, Ramon Nunes; Gomes, Márcio Fernando Mansur; Garcia, Gabriel Carvalho and Azpúrua, Héctor

2018248728 **Organicare, LLC** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2019 and 23 Jan 2020

2018261179 **Hollister Incorporated** The nature of the amendment is: Amend the name of the inventor to read O'Mahony, John P. and Farrell, David J.

2018266850 **Aurinia Pharmaceuticals Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Dec 2019

2018285172 **Tokuyama Corporation** The nature of the amendment is as shown in the statement filed 21 Jan 2020

2018286638 **The University of Queensland** The nature of the amendment is: Amend the priority details to read 2017204211

2018286648 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is: Amend the name of the inventor to read Zahiri, Saden Heshmatollah and Gulizia, Stefan

2018287509 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR POLAR CODING

2018288906 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 19 Dec 2019

2018289406 **Nextivity, Inc.** The nature of the amendment is: Amend the name of the inventor to read QIU, James Xiaohui; CONROY, Johan and LOTTER, Michiel Petrus

2018290360 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read PICTURE DATA ENCODING METHOD AND APPARATUS AND PICTURE DATA DECODING METHOD AND APPARATUS

2018297621 **SMF-Holding GmbH** The nature of the amendment is: Amend the invention title to read Method for analyzing the operating condition of a cutting device and cutting device

2018297757 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read STEEL SHEET HAVING A HOT-DIP Zn-Al-Mg-BASED COATING FILM EXCELLENT IN TERMS OF SURFACE APPEARANCE AND METHOD FOR MANUFACTURING THE SAME

2018301395 **Universal Stabilization Technologies, Inc.** The nature of the amendment is: Amend the invention title to read Method for Preserving Biological Materials

2018303249 **Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca; Luxembourg Institute of Health (LIH); Institut de Recerca Biomèdica de Lleida Fundació Dr. Pifarré** The nature of the amendment is: Amend the invention title to read Markers for endometrial cancer



**Amendments**

2018305459 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read POLAR CODING METHOD AND APPARATUS

2018345052 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read HAT-TYPE STEEL SHEET PILE

2018385840 **LG Chem, Ltd.; FarmHannong Co., Ltd.** The nature of the amendment is: Amend the invention title to read CONTROLLED-RELEASE FERTILIZERS

**2019**

2019100929 **Jiang SMTP Technology Co., Ltd** The nature of the amendment is as shown in the statement filed 16 Jan 2020

2019904872 **Kavanagh Industries Pty Ltd** The nature of the amendment is: Amend the invention title to read Duct cleat and duct cleat tool

**2020**

2020100039 **Shihezi University** The nature of the amendment is: Application is to proceed under number 2020200435

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

**2005**

2005277733 **Mitsubishi Kagaku Media Co., Ltd** The name of the patentee has been altered to **Mitsubishi Chemical Media Co., Ltd.**

**2008**

2008234707 **Teledyne E2V (UK) Limited** The name of the patentee has been altered to **Teledyne UK Limited**

**2010**

2010317742 **TELEDYNE E2V (UK) LIMITED** The name of the patentee has been altered to **Teledyne UK Limited**

**2011**

2011220397 **Nuovo Film, Inc.** The name of the patentee has been altered to **NUOVO FILM SUZHOU CHINA INC.**

**2012**

2012208363 **Teledyne E2V (UK) Limited** The name of the patentee has been altered to **Teledyne UK Limited**

2012208366 **Teledyne E2V (UK) Limited** The name of the patentee has been altered to **Teledyne UK Limited**

2012212420 **Detcon, Inc.** The name of the patentee has been altered to **Teledyne Detcon, Inc.**

2012215196 **Teledyne E2V (UK) Limited** The name of the patentee has been altered to **Teledyne UK Limited**

2012266014 **Teledyne E2V (UK) Limited** The name of the patentee has been altered to **Teledyne UK Limited**

**Amendments**

**2014**

2014100560 **Dehn + Söhne GmbH + Co. KG** The name of the patentee has been altered to **DEHN SE + Co KG**

2014226216 **Detcon, Inc.** The name of the patentee has been altered to **Teledyne Detcon, Inc.**

2014240491 **Detcon, Inc.** The name of the patentee has been altered to **Teledyne Detcon, Inc.**

**2015**

2015222065 **Glenmark Pharmaceuticals S.A.** The name of the applicant has been altered to **Ichnos Sciences SA**

2015234860 **Nisshin Steel Co., Ltd.** The name of the applicant has been altered to **Nippon Steel Nisshin Co., Ltd.**

2015261550 **Detcon, Inc.** The name of the patentee has been altered to **Teledyne Detcon, Inc.**

2015332338 **Glenmark Pharmaceuticals S.A.** The name of the applicant has been altered to **Ichnos Sciences SA**

**2016**

2016330230 **Loders Croklaan B.V.** The name of the applicant has been altered to **Bunge Loders Croklaan B.V.**

**2017**

2017200750 **Teledyne E2V (UK) Limited** The name of the patentee has been altered to **Teledyne UK Limited**

2017375038 **Eurofins Genomics Europe Sequencing GmbH; Genedata AG; UCL Business PLC** The name of the applicant has been altered to **UCL Business Ltd; Eurofins Genomics Europe Sequencing GmbH; Genedata AG**

2017378196 **Eurofins Genomics Europe Sequencing GmbH; Genedata AG; UCL Business PLC** The name of the applicant has been altered to **Eurofins Genomics Europe Sequencing GmbH; Genedata AG; UCL Business Ltd**

2017384528 **Glenmark Pharmaceuticals S.A.** The name of the applicant has been altered to **Ichnos Sciences SA**

2017397814 **Creta Farm Societe Anonyme Industrial and Commercial** The name of the applicant has been altered to **Creta Farm Societe Anonyme Industrial and Commercial, trading as Creta Farm S.A.**

**2018**

2018288008 **Astigan Ltd** The name of the applicant has been altered to **Astigan Limited**

2018304186 **Gary D. Sharp** The name of the applicant has been altered to **Gary Sharp Innovations, LLC**

**Amendments**

**2019**

2019100929 Jiang SMTP Technology Co., Ltd The name of the patentee has been altered to **Jiangsu SMTP Technology Co., Ltd.**

2019202128 Dexcom, Inc. The name of the applicant has been altered to **Dexcom, Inc.**

2019202427 Venitas Research Center, LLC The name of the applicant has been altered to **VENITAS RESEARCH CENTER INC**

Applications Open to Public Inspection

Name Index

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

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(71) A8 Game Limited  
 (11) AU-A-2019202178  
 (21) 2019202178 (22) 29.03.2019  
 (54) System and method for facilitating a card game  
 (51) Int. Cl.  
**A63F 1/00** ( 2006.01 )  
 (31) 16/290,339 (32) 01.03.19 (33) US  
 62/702,010 23.07.18  
 16/144,010 27.09.18 US  
 (43) 06.02.2020  
 (72) Huang, Zhenhui; Liu, Kenneth Kwok Wah  
 (74) Shelston IP Pty Ltd.

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**ABIVAX see UNIVERSITE DE MONTPELLIER**  
 (21) 2020200333

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019204988  
 (21) 2019204988 (22) 11.07.2019  
 (54) DETERMINATION OF A RESPONSE TO A QUERY  
 (51) Int. Cl.  
**G06F 16/00** ( 2019.01 )  
**G06Q 40/00** ( 2012.01 )  
 (31) 16/037,856 (32) 17.07.18 (33) US  
 (43) 06.02.2020  
 (72) LI, Chung-Sheng; GROSOF, Benjamin Nathan; SHIVARAM, Madhura; XIONG, Guanglei; CONNORS, Colin; JOHNSON, Kyle Patrick; MUNGUIA TAPIA, Emmanuel; LU, Mingzhu; GHASEMIESFEH, Golnaz; WU, Tsunghan; NARANG, Neeru; KANG, Sukryool; MOHARRERI, Kayhan  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019205007  
 (21) 2019205007 (22) 12.07.2019  
 (54) DATA PROCESSING FOR COMPONENT FAILURE DETERMINATION  
 (51) Int. Cl.  
**G06F 11/36** ( 2006.01 )  
**G06F 8/70** ( 2018.01 )  
**G06Q 10/06** ( 2012.01 )  
 (31) 16/037,770 (32) 17.07.18 (33) US  
 (43) 06.02.2020  
 (72) GHOSH, Bhaskar; SEKHAR, Mohan; PRASAD, Rajendra T.; NAGARAJAN, Rajesh; VENKATESWARAN, Balaji; JAGANNATHAN, Purnima; MANJUNATH, Roopalaxmi; KOUSHIK, Vijayaraghavan  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019206069  
 (21) 2019206069 (22) 18.07.2019  
 (54) AUGMENTED REALITY (AR) BASED FAULT DETECTION AND MAINTENANCE  
 (51) Int. Cl.  
**G06K 9/78** ( 2006.01 )  
**H04N 1/387** ( 2006.01 )  
**H04N 5/222** ( 2006.01 )  
 (31) 16/121,744 (32) 05.09.18 (33) US  
 201811027619 23.07.18 IN  
 (43) 06.02.2020  
 (72) DALAL, Tanmay; CHAUDHARY, Prakhar; VINCENT, Aabhas; RAJESH YADAV, Lukish  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019206073  
 (21) 2019206073 (22) 18.07.2019  
 (54) DATA PROCESSING FOR ROLE ASSESSMENT AND COURSE RECOMMENDATION  
 (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
 (31) 16/042,719 (32) 23.07.18 (33) US  
 (43) 06.02.2020  
 (72) GHOSH, Bhaskar; NR, Srikanth; PRASAD, Rajendra T.; MALLAPUR, Shankaranand; DAMLE, Sarvesh Madhusudan; BHADRE, Prashant; RAJARAM, Anandkrishnan; SEKHAR, Mohan  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019208146  
 (21) 2019208146 (22) 22.07.2019  
 (54) INFORMATION TRANSITION MANAGEMENT PLATFORM  
 (51) Int. Cl.  
**G06F 17/00** ( 2019.01 )  
**G06K 9/00** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G10L 15/26** ( 2006.01 )  
 (31) 16/515,864 (32) 18.07.19 (33) US  
 201841027556 23.07.18 IN  
 (43) 06.02.2020  
 (72) NAGARAJAN, Rajesh; KULKARNI, Aditi; KUMAR, Naveen; MANJUNATH, Roopalaxmi; JAGTAP, Parul  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2020200341  
 (21) 2020200341 (22) 17.01.2020  
 (54) ANALYZING EVENT-ASSOCIATED CONNECTIONS  
 (51) Int. Cl.  
**G06Q 50/00** ( 2012.01 )

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(43) 06.02.2020  
 (62) 2018206854  
 (72) RAM BHUYAN, Mukunda; ROY, Subhasish; THOTTIKKARA, Bibin George; MUKHOPADYAYA, Sudipta  
 (74) Murray Trento & Associates Pty Ltd

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(71) Acorda Therapeutics, Inc.  
 (11) AU-A-2020200285  
 (21) 2020200285 (22) 15.01.2020  
 (54) METHODS OF USING SUSTAINED RELEASE AMINOPYRIDINE COMPOSITIONS  
 (51) Int. Cl.  
**A61K 31/44** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2018202552  
 (72) Blight, Andrew R.; Marinucci, Lawrence; Cohen, Ron  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2019201785  
 (21) 2019201785 (22) 14.03.2019  
 (54) TRANSFER HTTP POST LAUNCH DATA TO A STATIC WEB SITE THROUGH A DYNAMIC STATELESS-SESSIONLESS HTTP SERVICE  
 (51) Int. Cl.  
**G06F 16/27** ( 2019.01 )  
**G06F 21/00** ( 2013.01 )  
 (31) 16/040,479 (32) 19.07.18 (33) US  
 (43) 06.02.2020  
 (72) Mashinter, Allan Keith  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Airstrip IP Holdings, LLC  
 (11) AU-A-2020200196  
 (21) 2020200196 (22) 10.01.2020  
 (54) Systems and methods for integrating, unifying and displaying patient data across healthcare continua  
 (51) Int. Cl.  
**G06F 16/25** ( 2019.01 )  
 (43) 06.02.2020  
 (62) 2014223470  
 (72) Moore, Stephen Trey; Powell, William Cameron; Blake, Daniel Lee; McQueen, Neil R.; Pedraza IV, Augustine Vidal; Portela, Alan Williams  
 (74) Davies Collison Cave Pty Ltd

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(71) Aitken, E.  
 (11) AU-A-2018206726  
 (21) 2018206726 (22) 17.07.2018  
 (54) A Wearable Band Storage Device  
 (51) Int. Cl.  
**A45C 1/04** ( 2006.01 )

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Applications Open to Public Inspection - Name Index cont'd

**A41D 20/00** ( 2006.01 )  
**A45D 34/00** ( 2006.01 )  
**A45F 5/00** ( 2006.01 )  
**(43)** 06.02.2020  
**(72)** Aitken, Elizabeth  
**(74)** Spruson & Ferguson

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**(71)** Alnylam Pharmaceuticals, Inc.  
**(11)** AU-A-2020200286  
**(21)** 2020200286 **(22)** 15.01.2020  
**(54)** Biodegradable lipids for the delivery of active agents  
**(51)** Int. Cl.  
**C07C 69/02** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07C 211/62** ( 2006.01 )  
**C07C 211/63** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )

**(43)** 06.02.2020  
**(62)** 2018203382  
**(72)** Manoharan, Muthiah; Maier, Martin; Jayaraman, Muthusamy; Matsuda, Shigeo; Nair, Jayaprakash Kizhakkedathu; Rajeev, Kallanthottathil G.; Akinc, Akin; Baillie, Thomas A.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Amgen Inc.  
**(11)** AU-A-2020200329  
**(21)** 2020200329 **(22)** 17.01.2020  
**(54)** Stabilization of Fc-containing polypeptides  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2014296215  
**(72)** Kannan, Gunasekaran; Lavallee, Jennifer; Jacobsen, Frederick W.  
**(74)** Shelston IP Pty Ltd.

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**(71)** APPEARITION PRIVATE LIMITED  
**(11)** AU-A-2019206041  
**(21)** 2019206041 **(22)** 17.07.2019  
**(54)** MACHINE LEARNING ASSISTED WORKFLOW PLANNER AND JOB EVALUATOR WITH LEARNING AND MICRO ACCREDITATION PATHWAYS  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**(31)** 201841026590 **(32)** 17.07.18 **(33)** IN  
**(43)** 06.02.2020  
**(72)** AIYER, VIVEK  
**(74)** Baxter Patent Attorneys Pty Ltd

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**(71)** Apple Inc.  
**(11)** AU-A-2020200339  
**(21)** 2020200339 **(22)** 17.01.2020  
**(54)** Activity continuation between electronic devices  
**(51)** Int. Cl.  
**G06F 9/48** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2018202458  
**(72)** LINN, Christopher S.; STATTFIELD, Keith; JENSEN, Christopher C.; LED-

WITH, Alexander R.; CARTER, David A.; KROCHMAL, Marc J.; IAROCCI, John J.; GRYNSPAN, Jonathan M.  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Araim Pharmaceuticals, Inc.  
**(11)** AU-A-2020200352  
**(21)** 2020200352 **(22)** 17.01.2020  
**(54)** TISSUE PROTECTIVE PEPTIDES AND PEPTIDE ANALOGS FOR PREVENTING AND TREATING DISEASES AND DISORDERS ASSOCIATED WITH TISSUE DAMAGE  
**(51)** Int. Cl.  
**A61K 38/12** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12P 21/06** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2014290116  
**(72)** Brines, Michael; Cerami, Anthony  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Aranooc Pty Ltd  
**(11)** AU-A-2020200332  
**(21)** 2020200332 **(22)** 17.01.2020  
**(54)** COMBINED LIQUID STORAGE TANK AND STRUCTURE  
**(51)** Int. Cl.  
**E03B 11/02** ( 2006.01 )  
**A01G 9/02** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2018241126  
**(72)** Woodhouse, John Carrick  
**(74)** Pini IP

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2018206711  
**(21)** 2018206711 **(22)** 17.07.2018  
**(54)** A GAMING DEVICE  
**(51)** Int. Cl.  
**A63F 13/45** ( 2014.01 )  
**(43)** 06.02.2020  
**(72)** FONG, Colin  
**(74)** Griffith Hack

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2020200202  
**(21)** 2020200202 **(22)** 10.01.2020  
**(54)** A GAMING SYSTEM AND A METHOD OF GAMING  
**(51)** Int. Cl.  
**A63F 13/40** ( 2014.01 )  
**(43)** 06.02.2020  
**(62)** 2017268584  
**(72)** LEBARON, Richard G.  
**(74)** Griffith Hack

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**(71)** ArmaGen, Inc.  
**(11)** AU-A-2020200250  
**(21)** 2020200250 **(22)** 14.01.2020  
**(54)** Methods and compositions for increasing enzyme activity in the CNS  
**(51)** Int. Cl.

**C07K 16/18** ( 2006.01 )  
**A61K 38/43** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2014293626  
**(72)** PARDRIDGE, William M.; BOADO, Ruben J.  
**(74)** Griffith Hack

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**(71)** Arrowhead Pharmaceuticals, Inc.  
**(11)** AU-A-2020200247  
**(21)** 2020200247 **(22)** 14.01.2020  
**(54)** Organic compositions to treat KRAS-related diseases  
**(51)** Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(43)** 06.02.2020  
**(62)** 2017261481  
**(72)** BETTENCOURT, Brian; MILSTEIN, Stuart; TOUD-JARSKA, Ivanka; MCDONALD, Earl; SCHLABACH, Michael Jr.; STEGMEIER, Frank P.; WARMUTH, Markus; GAMPA, Kalyani; HUESKEN, Dieter; STUMP, Mark; WEILER, Jan; JAGANI, Zainab  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
**(11)** AU-A-2020200218  
**(21)** 2020200218 **(22)** 10.01.2020  
**(54)** COMPUTER PROGRAM PRODUCT, METHOD AND APPARATUS FOR YAW CONTROL OF WIND TURBINE GENERATOR SYSTEM  
**(51)** Int. Cl.  
**F03D 7/02** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2016377432  
**(72)** Jiang, Yongqiang; Qiao, Zhiqiang  
**(74)** Madderns Pty Ltd

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**(71)** BHP Innovation Pty Ltd  
**(11)** AU-A-2019204926  
**(21)** 2019204926 **(22)** 09.07.2019  
**(54)** A system node for detecting a faulty bearing of a conveyor  
**(51)** Int. Cl.  
**B65G 43/02** ( 2006.01 )  
**F16C 19/00** ( 2006.01 )  
**G01M 13/045** ( 2019.01 )  
**G01N 29/04** ( 2006.01 )  
**G01N 29/07** ( 2006.01 )  
**G01N 29/12** ( 2006.01 )  
**G01N 29/44** ( 2006.01 )  
**G01N 29/46** ( 2006.01 )  
**(31)** 2018902577 **(32)** 17.07.18 **(33)** AU  
**(43)** 06.02.2020  
**(72)** Ivanov, Richard  
**(74)** Spruson & Ferguson

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**(71)** BioAtla, LLC  
**(11)** AU-A-2020200324  
**(21)** 2020200324 **(22)** 16.01.2020

Applications Open to Public Inspection - Name Index cont'd

(54) Anti-Axl antibodies, antibody fragments and their immunoconjugates and uses thereof  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 47/50** ( 2017.01 )  
**G01N 33/68** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2017248644  
 (72) SHORT, Jay M.; CHANG, Hwai Wen; FREY, Gerhard  
 (74) Allens Patent & Trade Mark Attorneys

(71) Biosense Webster (Israel) Ltd.  
 (11) AU-A-2019204312  
 (21) 2019204312 (22) 19.06.2019  
 (54) Temperature-controlled pulsed RF ablation  
 (51) Int. Cl.  
**A61B 18/12** ( 2006.01 )  
 (31) 16/037,455 (32) 17.07.18 (33) US  
 (43) 06.02.2020  
 (72) ZILBERMAN, Israel; GOVARI, Assaf; ATTIAS, Gili  
 (74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2020200281  
 (21) 2020200281 (22) 15.01.2020  
 (54) Surgical laser systems and laser devices  
 (51) Int. Cl.  
**A61B 18/20** ( 2006.01 )  
**A61B 1/00** ( 2006.01 )  
**A61B 18/22** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2015346153  
 (72) YU, Honggang; XUAN, Rongwei Jason; ZHANG, Jian James; HORN, David N.; YANG, Xirong; HASENBERG, Thomas  
 (74) Spruson & Ferguson

(71) Bradken Resources Pty Limited  
 (11) AU-A-2020200317  
 (21) 2020200317 (22) 16.01.2020  
 (54) DRAWBAR FOR RAIL WAGONS  
 (51) Int. Cl.  
**B61G 9/20** ( 2006.01 )  
**B60D 1/14** ( 2006.01 )  
**B61G 7/00** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2018202233  
 (72) THURSTON, Matthew Noel  
 (74) Griffith Hack

(71) Breville Pty Limited  
 (11) AU-A-2020200301  
 (21) 2020200301 (22) 15.01.2020  
 (54) Improved fruit and vegetable juicer  
 (51) Int. Cl.  
**A47J 19/02** ( 2006.01 )  
**A23N 1/00** ( 2006.01 )

(43) 06.02.2020  
 (62) 2014324069  
 (72) ADELOJU, Samuel; THAI, Khon; ED-MONDS, Nicholas; HENSEL, Keith James  
 (74) Spruson & Ferguson

(71) Bristol-Myers Squibb Company  
 (11) AU-A-2020200376  
 (21) 2020200376 (22) 20.01.2020  
 (54) Pyrimidinones as factor XIa inhibitors  
 (51) Int. Cl.  
**C07D 471/18** ( 2006.01 )  
**A61K 31/4162** ( 2006.01 )  
**A61P 7/02** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2015324530  
 (72) DILGER, Andrew K.; CORTE, James R.; DE LUCCA, Indawati; FANG, Tianan; YANG, Wu; WANG, Yufeng; PABBISSETTY, Kumar Balashanmuga; EWING, William R.; ZHU, Yeheng; WEXLER, Ruth R.; PINTO, Donald J.P.; ORWAT, Michael J.; SMITH II, Leon M.  
 (74) AJ PARK

(71) Bruckbauer, W.  
 (11) AU-A-2019206033  
 (21) 2019206033 (22) 17.07.2019  
 (54) Hob system  
 (51) Int. Cl.  
**F24C 15/20** ( 2006.01 )  
**F24C 7/08** ( 2006.01 )  
**H05B 6/12** ( 2006.01 )  
 (31) 10 2018 212 151.6 (32) 20.07.18 (33) DE  
 (43) 06.02.2020  
 (72) NEUNHÄUSERER, Daniel; LACATUSU, Philipp; SCHADECK, Alexander; ESCHBAUM, Philipp; GÖSSLER, Siegfried; SCHMÖLLER, Anton; BLERSCH, Mario  
 (74) Gestalt Law Pty Ltd

(71) BSS Technologies, Inc.  
 (11) AU-A-2019201190  
 (21) 2019201190 (22) 20.02.2019  
 (54) SYSTEM FOR DANGEROUS CURRENT IDENTIFICATION, CHARACTERIZATION, ALERTING AND FOR DISTRESSED SWIMMER LOCATION AND ASSISTANCE  
 (51) Int. Cl.  
**B63B 43/18** ( 2006.01 )  
 (31) 16/037,685 (32) 17.07.18 (33) US  
 (43) 06.02.2020  
 (72) SANDBERG, William C.; GEDER, Jason D.; PRUESSNER, Marius; WANG, Eric  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Cantor Futures Exchange, L.P.  
 (11) AU-A-2020200270  
 (21) 2020200270 (22) 14.01.2020  
 (54) SYSTEMS AND METHODS OF DETECTING MANIPULATIONS ON A BINARY OPTIONS EXCHANGE

(51) Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
 (43) 06.02.2020  
 (62) 2014218747  
 (72) JAYCOBS, Rich; WALKER, James Les; GLANTZ, Nolan  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**Cardinal Health 414, LLC see Ohio State Innovation Foundation**  
 (21) 2020200293

(71) Caterpillar Global Mining Europe GmbH  
 (11) AU-A-2019205026  
 (21) 2019205026 (22) 12.07.2019  
 (54) CABLE HANDLING SYSTEM FOR LONGWALL MINING MACHINES  
 (51) Int. Cl.  
**E21F 17/02** ( 2006.01 )  
**E21C 35/24** ( 2006.01 )  
**E21C 41/18** ( 2006.01 )  
**F16L 57/00** ( 2006.01 )  
**H02G 9/08** ( 2006.01 )  
 (31) 1811959.4 (32) 23.07.18 (33) GB  
 (43) 06.02.2020  
 (72) KIRKHOPE, Euan R.; STANAWAY, Bradley M.  
 (74) FPA Patent Attorneys Pty Ltd

**CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE see UNIVERSITE DE MONTPELLIER**  
 (21) 2020200333

(71) CFPF, LLC  
 (11) AU-A-2020200228  
 (21) 2020200228 (22) 13.01.2020  
 (54) DOCUMENT CHANGES  
 (51) Int. Cl.  
**G06F 17/00** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2017254939  
 (72) Alderucci, Dean P.; Gelman, Geoffrey M.; Manning, Gregory; Brinton, Michael D.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Cosmax NBT, Inc.; Cosmax NS, Inc.; Industry-Academic Cooperation Foundation, Yonsei University  
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**A61K 31/216** ( 2006.01 )  
**A23L 33/10** ( 2016.01 )  
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 and prevention of progression of abnor-  
 mal spinal curvature  
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 methods of use  
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**A61L 27/04** ( 2006.01 )  
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**A61F 2/32** ( 2006.01 )  
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**A61K 35/74** ( 2006.01 )  
**A61K 8/99** ( 2006.01 )  
**A61P 1/02** ( 2006.01 )  
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**(11)** AU-A-2020200184  
**(21)** 2020200184 **(22)** 09.01.2020  
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**(51)** Int. Cl.  
**B60Q 1/12** ( 2006.01 )  
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**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**A61K 9/70** ( 2006.01 )  
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**B65D 43/06** ( 2006.01 )  
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**(74)** H & H Lawyers

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**B65G 23/44** ( 2006.01 )  
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**(74)** Griffith Hack

**(71)** Kabushiki Kaisha Toshiba  
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**(21)** 2020200279 **(22)** 15.01.2020  
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**(51)** Int. Cl.

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**H01M 10/48** ( 2006.01 )  
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**(71)** KD Innovation Ltd  
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**(21)** 2020200255 **(22)** 14.01.2020  
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**(51)** Int. Cl.  
**H01M 2/16** ( 2006.01 )  
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**B61D 27/00** ( 2006.01 )  
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*H04B 1/38* ( 2006.01 )  
(43) 06.02.2020  
(62) 2016339490  
(72) CHOI, Jong-Min; CHO, Sung-Gun; KIM, Woong-Chan; PARK, Dae-Hyeong; CHO, Sung-Joo; CHOI, Young-Sik; YANG, Soon-Woong; LEE, Min-Sung  
(74) Griffith Hack
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- (71) Schneider Electric Industries SAS  
(11) AU-A-2019200224  
(21) 2019200224 (22) 14.01.2019  
(54) A CABLE HEAD FOR A RING MAIN UNIT AND A RING MAIN UNIT  
(51) Int. Cl.  
*H02G 15/08* ( 2006.01 )  
*G01K 1/14* ( 2006.01 )  
*G08C 17/02* ( 2006.01 )  
*H01R 13/40* ( 2006.01 )  
(31) 201821162443.0 (32) 20.07.18 (33) CN  
(43) 06.02.2020  
(72) Liu, Ji; Hu, Xiaobin; Chen, Guangyu  
(74) Madderns Pty Ltd
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- (71) Schwihag AG Gleis- und Weichentechnik  
(11) AU-A-2019203948  
(21) 2019203948 (22) 06.06.2019  
(54) Rail fastening system  
(51) Int. Cl.

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**F16B 13/12** ( 2006.01 )  
**(31)** 10 2018 117 453.5 **(32)** 19.07.18 **(33)** DE  
**(43)** 06.02.2020  
**(72)** Rutzel, Tilman; Lienhard, Stefan; Meyer, Frank  
**(74)** McCABE & COMPANY

**(71)** SEA Automotive Pty Ltd  
**(11)** AU-A-2020200310  
**(21)** 2020200310 **(22)** 16.01.2020  
**(54)** Management System for Commercial Electric Vehicles  
**(51)** Int. Cl.  
**H01M 10/625** ( 2014.01 )  
**B60L 3/00** ( 2006.01 )  
**G07C 5/00** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017395784  
**(72)** FAIRWEATHER, Tony; FAIRWEATHER, Warren  
**(74)** FB Rice Pty Ltd

**(71)** Selecta Biosciences, Inc.  
**(11)** AU-A-2020200252  
**(21)** 2020200252 **(22)** 14.01.2020  
**(54)** TOLEROGENIC SYNTHETIC NANOCARRIERS FOR INDUCING REGULATORY B CELLS  
**(51)** Int. Cl.  
**A61K 39/38** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017225163  
**(72)** Maldonado, Roberto A.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Selecta Biosciences, Inc.  
**(11)** AU-A-2020200254  
**(21)** 2020200254 **(22)** 14.01.2020  
**(54)** TOLEROGENIC SYNTHETIC NANOCARRIERS FOR GENERATING CD8+REGULATORY T CELLS  
**(51)** Int. Cl.  
**A61K 31/445** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 39/38** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017245402  
**(72)** Fraser, Christopher; Maldonado, Roberto A.; Kishimoto, Takashi Kei  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** SHOP VAC CORPORATION  
**(11)** AU-A-2019204068  
**(21)** 2019204068 **(22)** 11.06.2019  
**(54)** Vacuum filter having annular catch  
**(51)** Int. Cl.

**A47L 9/12** ( 2006.01 )  
**B01D 39/00** ( 2006.01 )  
**B01D 46/02** ( 2006.01 )  
**(31)** 16/037,853 **(32)** 17.07.18 **(33)** US  
**(43)** 06.02.2020  
**(72)** Seasholtz, Craig A.; Westbrook, Kurt; Gottschall, Jason  
**(74)** Griffith Hack

**(71)** Sloan-Kettering Institute for Cancer Research  
**(11)** AU-A-2020200262  
**(21)** 2020200262 **(22)** 14.01.2020  
**(54)** HSP90 combination therapy  
**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017272303  
**(72)** CHIOSIS, Gabriela  
**(74)** FB Rice Pty Ltd

**(71)** Smart Medical Systems Ltd  
**(11)** AU-A-2020200269  
**(21)** 2020200269 **(22)** 14.01.2020  
**(54)** BALLOON ENDOSCOPE AND METHODS OF MANUFACTURE AND USE THEREOF  
**(51)** Int. Cl.  
**A61B 1/012** ( 2006.01 )  
**A61B 1/32** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017203394  
**(72)** Terliuc, Gad; Luria, Gilad  
**(74)** Lord & Company

**(71)** Smart Wires Inc.  
**(11)** AU-A-2019206099  
**(21)** 2019206099 **(22)** 18.07.2019  
**(54)** Early detection of faults in power transmission lines  
**(51)** Int. Cl.  
**H02J 3/06** ( 2006.01 )  
**(31)** 62/702,223 **(32)** 23.07.18 **(33)** US  
 16/118,219 30.08.18 US  
**(43)** 06.02.2020  
**(72)** Inam, Haroon; Khalilinia, Hamed  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Snap-on Incorporated  
**(11)** AU-A-2019200469  
**(21)** 2019200469 **(22)** 24.01.2019  
**(54)** Tool housing and method for making the same  
**(51)** Int. Cl.  
**B25B 21/00** ( 2006.01 )  
**B25G 1/00** ( 2006.01 )  
**(31)** 16/041,001 **(32)** 20.07.18 **(33)** US  
**(43)** 06.02.2020  
**(72)** SCHILTZ, John D.; PURCELL, Nathan H.; BEER, Joshua M.  
**(74)** Griffith Hack

**(71)** Snap-on Incorporated  
**(11)** AU-A-2020200276  
**(21)** 2020200276 **(22)** 15.01.2020

**(54)** Inertial socket adaptor for torque application tools  
**(51)** Int. Cl.  
**B25B 23/00** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2018201134  
**(72)** RETTLER, Jim T.  
**(74)** Griffith Hack

**(71)** Soletanche Freyssinet  
**(11)** AU-A-2019204937  
**(21)** 2019204937 **(22)** 09.07.2019  
**(54)** Portable Device for Acquiring Images of an Environment  
**(51)** Int. Cl.  
**G03B 37/04** ( 2006.01 )  
**G06Q 50/00** ( 2012.01 )  
**G06T 17/05** ( 2011.01 )  
**(31)** FR18 56591 **(32)** 17.07.18 **(33)** FR  
**(43)** 06.02.2020  
**(72)** Perazio, Guy; Peral, José; Valcke, Serge; Chambaud, Luc  
**(74)** Golja Haines & Friend

**(71)** SOLIGENIX, INC.; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE  
**(11)** AU-A-2020200335  
**(21)** 2020200335 **(22)** 17.01.2020  
**(54)** THERMOSTABLE VACCINE COMPOSITIONS AND METHODS OF PREPARING SAME  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/38** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017218989  
**(72)** HASSETT, Kimberly; NANDI, Pradyo; BREY, Robert; CARPENTER, John; RANDOLPH, Theodore  
**(74)** Blue Penguin IP Ltd

**(71)** Sony Corporation  
**(11)** AU-A-2020200331  
**(21)** 2020200331 **(22)** 17.01.2020  
**(54)** Image Processing Device and Image Processing Method  
**(51)** Int. Cl.  
**H04N 19/513** ( 2014.01 )  
**H04N 13/20** ( 2018.01 )  
**(43)** 06.02.2020  
**(62)** 2019201383  
**(72)** TAKAHASHI, Yoshitomo; HATTORI, Shinobu  
**(74)** Griffith Hack

**(71)** Steris Inc.  
**(11)** AU-A-2020200258  
**(21)** 2020200258 **(22)** 14.01.2020  
**(54)** Apparatus for decontaminating equipment having internal channels (lumens)  
**(51)** Int. Cl.  
**A61B 90/70** ( 2016.01 )  
**A61L 2/18** ( 2006.01 )  
**A61L 2/24** ( 2006.01 )  
**A61L 9/14** ( 2006.01 )  
**B08B 3/02** ( 2006.01 )

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**G01N 11/08** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017298457  
**(72)** Chouinard, Alain; Martineau, Louis;  
 Verreault, Nicolas; Robert, Maxime  
**(74)** Armour IP Pty Ltd

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**STRUL, B. see HAESSLER, A.**  
**(21)** 2020200273

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**(71)** Su, G.  
**(11)** AU-A-2019275605  
**(21)** 2019275605 **(22)** 04.12.2019  
**(54)** Integrated beam for corrugated sheet  
 and integrated frame structure formed  
 thereon  
**(51)** Int. Cl.  
**E04C 2/32** ( 2006.01 )  
**E04C 2/08** ( 2006.01 )  
**E04C 3/32** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2015202005  
**(72)** Su, Guanghui  
**(74)** Guanghui Su

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**(71)** Suckling, Q.  
**(11)** AU-A-2019206098  
**(21)** 2019206098 **(22)** 18.07.2019  
**(54)** Platform assemblies and methods of in-  
 stallng platform assemblies  
**(51)** Int. Cl.  
**E04G 5/06** ( 2006.01 )  
**E04G 5/00** ( 2006.01 )  
**(31)** 2018902602 **(32)** 18.07.18 **(33)** AU  
**(43)** 06.02.2020  
**(72)** Suckling, Quentin  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** SunPower Corporation  
**(11)** AU-A-2020200217  
**(21)** 2020200217 **(22)** 10.01.2020  
**(54)** Built-in bypass diode  
**(51)** Int. Cl.  
**H01L 31/044** ( 2014.01 )  
**(43)** 06.02.2020  
**(62)** 2014366257  
**(72)** Smith, David D.; Rim, Seung Bum  
**(74)** Spruson & Ferguson

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**(71)** Synergy Pharmaceuticals Inc.  
**(11)** AU-A-2020200299  
**(21)** 2020200299 **(22)** 15.01.2020  
**(54)** Agonists of guanylate cyclase and their  
 uses  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2018203472  
**(72)** SHAILUBHAI, Kunwar  
**(74)** Spruson & Ferguson

**(71)** Tata Consultancy Services Limited  
**(11)** AU-A-2019206010  
**(21)** 2019206010 **(22)** 16.07.2019  
**(54)** Systems and methods for end-to-end  
 handwritten text recognition using neur-  
 al networks  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06N 3/00** ( 2006.01 )  
**(31)** 201821026934 **(32)** 19.07.18 **(33)** IN  
**(43)** 06.02.2020  
**(72)** CHOWDHURY, Arindam; VIG,  
 Lovekesh  
**(74)** Spruson & Ferguson

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**(71)** Telefonaktiebolaget LM Ericsson (publ)  
**(11)** AU-A-2020200334  
**(21)** 2020200334 **(22)** 17.01.2020  
**(54)** Predictive acknowledgement feedback  
 mechanism  
**(51)** Int. Cl.  
**H04L 1/18** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2016364681  
**(72)** Werner, Karl; Baldemair, Robert;  
 Björkegren, Håkan; Dahlman, Erik;  
 Parkvall, Stefan  
**(74)** Baldwins Intellectual Property

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**The Brigham and Women's Hospital, Inc.**  
**see Massachusetts Institute of Technology**  
**(21)** 2020200346

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**(71)** The Governors of The University of Al-  
 berta  
**(11)** AU-A-2020200216  
**(21)** 2020200216 **(22)** 10.01.2020  
**(54)** E1E2 HCV vaccines and methods of  
 use  
**(51)** Int. Cl.  
**A61K 39/29** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2014385320  
**(72)** Houghton, Michael; Hockman, Darren;  
 Law, John L.; Logan, Michael; Tyrrell,  
 D. Lorne  
**(74)** FB Rice Pty Ltd

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**(71)** The Jackson Laboratory  
**(11)** AU-A-2020200256  
**(21)** 2020200256 **(22)** 14.01.2020  
**(54)** A three-component CRISPR/Cas com-  
 plex system and uses thereof  
**(51)** Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2016233648  
**(72)** WANG, Haoyi; CHENG, Albert; JILL-  
 ETTE, Nathaniel  
**(74)** Spruson & Ferguson

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**(71)** The NOCO Company  
**(11)** AU-A-2020200268  
**(21)** 2020200268 **(22)** 14.01.2020  
**(54)** Battery assembly device

**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**H02J 7/14** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2016392707  
**(72)** Nook, Jonathan Lewis; Nook, William  
 Knight; Stanfield, James Richard; Un-  
 derhill, Derek Michael  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** The Procter & Gamble Company  
**(11)** AU-A-2020200213  
**(21)** 2020200213 **(22)** 10.01.2020  
**(54)** Insect trap device and method of using  
**(51)** Int. Cl.  
**A01M 1/04** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2017279742  
**(72)** Sandford, Andrew; Lazarchik, Daniel;  
 Lieberwirth, Lars; Schaefer, Hans Peter  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** The Regents of The University of Cali-  
 fornia  
**(11)** AU-A-2020200152  
**(21)** 2020200152 **(22)** 08.01.2020  
**(54)** ENGAGING THE CERVICAL SPINAL  
 CORD CIRCUITRY TO RE-ENABLE  
 VOLITIONAL CONTROL OF HAND  
 FUNCTION IN TETRAPLEGIC SUB-  
 JECTS  
**(51)** Int. Cl.  
**A61N 1/18** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/32** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2014324660  
**(72)** Lu, Daniel C.; Edgerton, V. Reggie;  
 Roy, Roland R.; Gerasimenko, Yury  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

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**THE REGENTS OF THE UNIVERSITY OF  
 COLORADO, A BODY CORPORATE see  
 SOLIGENIX, INC.**  
**(21)** 2020200335

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**(71)** The Research Foundation for the State  
 University of New York  
**(11)** AU-A-2020200210  
**(21)** 2020200210 **(22)** 10.01.2020  
**(54)** SHIP inhibition to combat obesity  
**(51)** Int. Cl.  
**A61K 31/565** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**(43)** 06.02.2020  
**(62)** 2014284360  
**(72)** Kerr, William G.; Iyer, Sonia  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** The Trustees of the University of  
 Pennsylvania  
**(11)** AU-A-2020200315

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 (54) USE OF CART19 TO DEplete NOR-  
 MAL B CELLS TO INDUCE TOLER-  
 ANCE  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2018203756  
 (72) Levine, Bruce L.; Kalos, Michael D.;  
 June, Carl H.  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**The University of Liverpool see  
 Howmedica Osteonics Corp.**

(21) 2019206103

(71) THE USA, AS REPRESENTED BY  
 THE SECRETARY, DEPT. OF HEALTH  
 AND HUMAN SERVICES  
 (11) AU-A-2020200303  
 (21) 2020200303 (22) 15.01.2020  
 (54) NOVEL MULTIVALENT NANO-  
 PARTICLE-BASED VACCINES  
 (51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2015373928  
 (72) Graham, Barney S.; Kanekiyo, Masaru;  
 Yassine, Hadi M.  
 (74) Madderns Pty Ltd

(71) TNA Australia Pty Limited  
 (11) AU-A-2020200359  
 (21) 2020200359 (22) 17.01.2020  
 (54) A film drive assembly for a packaging  
 machine  
 (51) Int. Cl.  
**B65B 35/46** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2017268572  
 (72) TAYLOR, Alfred Alexander  
 (74) Spruson & Ferguson

**Tod, M. see KS Farmer & MA Tod Dental  
 Pty Ltd**

(21) 2020200188

**Tokitae LLC see Massachusetts Institute of  
 Technology**

(21) 2020200346

(71) Torpeller Limited  
 (11) AU-A-2018211241  
 (21) 2018211241 (22) 01.08.2018  
 (54) A blade component for a propeller  
 (51) Int. Cl.  
**B63H 1/26** ( 2006.01 )  
 (31) 16/042,552 (32) 23.07.18 (33) US  
 (43) 06.02.2020  
 (72) Hawkins, Russel  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Transmin Pty Limited  
 (11) AU-A-2018250360  
 (21) 2018250360 (22) 15.10.2018  
 (54) Low Profile Feeder and use therefor  
 (51) Int. Cl.  
**B60P 1/38** ( 2006.01 )  
 (31) 2018902657 (32) 23.07.18 (33) AU  
 (43) 06.02.2020  
 (72) Subramaniam, Narendran  
 (74) WRAYS PTY LTD

**Tsinghua University see Nuctech Com-  
 pany Limited**

(21) 2019284097

(71) Tyco Fire Products LP  
 (11) AU-A-2020200222  
 (21) 2020200222 (22) 10.01.2020  
 (54) Controlled system and methods for  
 storage fire protection  
 (51) Int. Cl.  
**A62C 37/40** ( 2006.01 )  
**A62C 3/00** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2014369873  
 (72) MAGNONE, Zachary L.; FARLEY,  
 Daniel G.; DESROSIER, John;  
 BRIGHENTI, Donald D.; BONNEAU,  
 Richard P.  
 (74) Griffith Hack

(71) Uber Technologies, Inc.  
 (11) AU-A-2020200316  
 (21) 2020200316 (22) 16.01.2020  
 (54) DETECTING VEHICLE COLLISIONS  
 BASED ON MOBILE COMPUTING  
 DEVICE DATA  
 (51) Int. Cl.  
**B60R 21/0132** ( 2006.01 )  
**B60W 40/08** ( 2012.01 )  
**G01C 21/00** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2019200337  
 (72) Wahba, Karim; Tyagi, Dhruv; Beinstein,  
 Andrew; Prasad, Amritha; Lawrence,  
 Audrey; Alvarez, Jose; Pennington,  
 Steve; Trachtman, Corin  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**UNIVERSITE DE MONTPELLIER;  
 CENTRE NATIONAL DE LA RECHER-  
 CHE SCIENTIFIQUE; INSTITUT  
 CURIE; ABIVAX**

(11) AU-A-2020200333  
 (21) 2020200333 (22) 17.01.2020  
 (54) QUINOLINE DERIVATIVES FOR THE  
 TREATMENT OF INFLAMMATORY  
 DISEASES  
 (51) Int. Cl.  
**C07D 215/38** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )

**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2015289033  
 (72) Tazi, Jamal; Najman, Romain;  
 Mahuteau, Florence; Scherrer, Didier;  
 Chebli, Karim; Hahne, Michael  
 (74) AJ PARK

(71) University of Florida Research Founda-  
 tion, Inc.  
 (11) AU-A-2020200041  
 (21) 2020200041 (22) 03.01.2020  
 (54) Capsid-modified, rAAV3 vector compos-  
 itions and uses in gene therapy of hu-  
 man liver cancer  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 49/00** ( 2006.01 )  
**C12N 15/864** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2014274457  
 (72) Srivastava, Arun; Zhong, Li; Zolotukh-  
 in, Sergei; Aslanidi, George V.; Agband-  
 je-McKenna, Mavis; Van Vliet, Kim M.;  
 Ling, Chen  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) University of Southern California  
 (11) AU-A-2020200297  
 (21) 2020200297 (22) 15.01.2020  
 (54) Methods and diets to protect against  
 chemotoxicity and age related illnesses  
 (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
 (43) 06.02.2020  
 (62) 2014216349  
 (72) Longo, Valter D.; Brandhorst, Sebasti-  
 an; Levine, Morgan Elyse  
 (74) Shelston IP Pty Ltd.

(71) Utemaster NZ Limited  
 (11) AU-A-2019204673  
 (21) 2019204673 (22) 28.06.2019  
 (54) A LATCHING MECHANISM FOR THE  
 LID OF A VEHICLE CLOSURE  
 (51) Int. Cl.  
**E05B 85/26** ( 2014.01 )  
**E05B 79/22** ( 2014.01 )  
**E05B 83/18** ( 2014.01 )  
 (31) 743981 (32) 29.06.18 (33) NZ  
 (43) 06.02.2020  
 (72) Suckling, Marshall; Cartwright, Tony  
 (74) Origin Patent and Trade Mark Attorneys

(71) Venator Materials UK Limited  
 (11) AU-A-2020200257  
 (21) 2020200257 (22) 14.01.2020  
 (54) Coated product  
 (51) Int. Cl.  
**C09C 1/36** ( 2006.01 )  
**C09D 5/00** ( 2006.01 )

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 (62) 2016217655  
 (72) Temperley, John; Edwards, John L.; Robb, John  
 (74) Spruson & Ferguson
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- (71) Ventana Medical Systems, Inc.  
 (11) AU-A-2020200207  
 (21) 2020200207 (22) 10.01.2020  
 (54) Automated histological processing of biological specimens and associated technology  
 (51) Int. Cl.  
*G01N 1/31* ( 2006.01 )  
*G01N 35/00* ( 2006.01 )
- (43) 06.02.2020  
 (62) 2018204789  
 (72) CAPPS, Kayla; GROLL, Henning; KRAM, Brian Howard; METTE, Matthew; MOUSAVI, Ali; O'CONNOR, Daniel; PALUSZCYK, Troy; RAN-DALL, Benjamin; STUMPE, Ken; TSE, Christine; WARD, Glen  
 (74) Spruson & Ferguson
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- (71) Verb Surgical Inc.  
 (11) AU-A-2020200343  
 (21) 2020200343 (22) 17.01.2020  
 (54) Immersive three-dimensional display for robotic surgery  
 (51) Int. Cl.  
*A61B 1/04* ( 2006.01 )  
*A61B 1/045* ( 2006.01 )  
*A61B 1/05* ( 2006.01 )  
*A61B 1/24* ( 2006.01 )  
*A61B 1/32* ( 2006.01 )  
*A61B 17/02* ( 2006.01 )  
*A61B 17/16* ( 2006.01 )  
*A61B 17/3211* ( 2006.01 )  
*A61B 34/20* ( 2016.01 )  
*A61B 50/13* ( 2016.01 )  
*A61B 50/15* ( 2016.01 )
- (43) 06.02.2020  
 (62) 2017339943  
 (72) ANDERSON, Kent; SAVALL, Joan; NOBLES, Brent; SHUM, Allegra; GARCIA KILROY, Pablo E.; KOENIG, Karen Shakespear  
 (74) Davies Collison Cave Pty Ltd
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- (71) Verb Surgical Inc.  
 (11) AU-A-2020200350  
 (21) 2020200350 (22) 17.01.2020  
 (54) Sterile adapters for use in a robotic surgical system  
 (51) Int. Cl.  
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*C08G 59/18* ( 2006.01 )  
*C08G 59/40* ( 2006.01 )  
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- 
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**C13K 1/02** ( 2006.01 )

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(74) WRAYS PTY LTD

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2019203003	NELSON IRRIGATION CORPORATION	2020200218	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
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2019203948	Schwihag AG Gleis- und Weichentechnik	2020200220	Dropbox, Inc.
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2019206069	Accenture Global Solutions Limited	2020200273	HAESSLER, A.; FEMPULSE, LLC; STRUL, B.
2019206073	Accenture Global Solutions Limited	2020200276	Snap-on Incorporated
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<b>C12M 3 /-</b> 2020200037	<b>E04G 5 /-</b> 2019206098	<b>F41H 7 /-</b> 2020200337	<b>G06F 7 /-</b> 2019261724	<b>H04N 19 /-</b> 2020200331	<b>H04N 5 /-</b> 2019206069
<b>C12N 15 /-</b> 2020200041 2020200247 2020200256 2020200286 2020200323 2020200325 2020200352	<b>E05B 79 /-</b> 2019204673	<b>G01C 21 /-</b> 2020200316	<b>G06F 8 /-</b> 2019205007	<b>H01L 31 /-</b> 2020200217	<b>H05B 6 /-</b> 2019206033
<b>C12P 19 /-</b> 2020200289	<b>E05B 83 /-</b> 2019204673	<b>G01G 19 /-</b> 2018206710	<b>G06F 9 /-</b> 2020200339	<b>H01M 10 /-</b> 2020200279 2020200310	<b>H05K 3 /-</b> 2020200354
<b>C12P 21 /-</b> 2020200352	<b>E05B 85 /-</b> 2019204673	<b>G01K 1 /-</b> 2019200224	<b>G06F 13 /-</b> 2020200240	<b>H01M 14 /-</b> 2020200255	
<b>C12Q 1 /-</b> 2020200211 2020200262 2020200321 2020200333	<b>E05C 3 /-</b> 2019206012	<b>G01M 13 /-</b> 2019204926	<b>G06F 19 /-</b> 2018206849		
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No IPC Mark

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*E05B 65/00* ( 2006.01 )  
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*B65D 77/06* ( 2006.01 )  
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**E04B 1/38** ( 2006.01 )  
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CHINA UNIVERSITY OF PETRO-  
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**H02J 7/00** ( 2006.01 )  
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2019101632	WONG, L.W.
2019101636	Royce Water Technologies Pty Ltd
2019101637	WUHAN UNIVERSITY
2019101640	LeBLANC PTY LTD
2019101649	Visual Amplifiers Holdings Pty Ltd
2019101651	Gale Pacific Limited
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2019101653	Weinberg, J.
2019101654	Hangzhou Minsheng Healthcare Co., Ltd.
2019101657	Ecclesia Concepts Pty Ltd
2019101661	BERKER GmbH & Co. KG
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2019101663	Vivaquip Pty Ltd t/as FastAid
2019101664	Enviroclean Group Pty Ltd
2019101666	YANSHAN UNIVERSITY
2019101668	China University of Mining and Technology, Beijing
2019101669	NINGBO FRESHLY PACKAGING CO., LTD.
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2019101672	SYSTEM STORMSEAL PTY LTD
2019101673	SOUTHWEST UNIVERSITY
2019101684	Jiangxi University of Science and Technology
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2019101686	Pagden, K.
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2019101690	Shu, M.
2019101691	Southwest Petroleum University; CHINA UNIVERSITY OF PETROLEUM-BEIJING AT KARAMAY
2019101692	Institute of Chemical Industry of Forest Products Chinese Academy of Forestry
2019101693	YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.; Jiangsu Institute of Poultry Science
2019101695	Henan Polytechnic University
2019101696	Anhui University of Science and Technology
2019101697	Taiyuan City Vocational College
2019101698	HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY; INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES; UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA
2019101699	Taiyuan City Vocational College
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2019101703	Xie, X.; Chen, Z.; Zhou, Y.; Nie, H.
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2019101688	2019101673	2019101705	2019101652	2019101661	2019101685
<b><u>A01G 22 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>B60R 22 /-</u></b>	<b><u>E04C 2 /-</u></b>	<b><u>G01L 1 /-</u></b>	<b><u>H04W 72 /-</u></b>
2019101697	2019101637 2019101673	2019101705	2019101652	2019101695	2019101698
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2019101699	2019101664	2019101703	2019101672	2019101700	2019101698
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2019101657	2019101636	2019101669 2019101671	2019101629	2019101693	
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2019101661	2019101704	2019101704	2019101710	2019101632	
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Name Index

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		1805990.7	11.04.18	GB	
		1709526.6	15.06.17	GB	
<b>(71)</b> 4C Medical Technologies, Inc.		1805989.9	11.04.18	GB	<b>(71)</b> Abiomed Europe GmbH
<b>(11)</b> AU-A-2018284985		1806779.3	25.04.18	GB	<b>(11)</b> AU-A-2018316543
<b>(21)</b> 2018284985	<b>(22)</b> 14.06.2018	<b>(43)</b> 20.12.2018			<b>(21)</b> 2018316543
<b>(54)</b> Delivery of heart chamber prosthetic valve implant		<b>(72)</b> MULDER, Imke Elisabeth; ETTORRE, Anna; AHMED, Suaad; FOTIADOU, Parthena; URCIA, Joseph Roby Iringan; SAVIGNAC, Helene			<b>(22)</b> 17.08.2018
<b>(51)</b> Int. Cl.		<b>(74)</b> FB Rice Pty Ltd			<b>(51)</b> Blood pump
<b>A61F 2/24</b> ( 2006.01 )					<b>(51)</b> Int. Cl.
<b>(87)</b> WO2018/232118					<b>A61M 1/10</b> ( 2006.01 )
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<b>(43)</b> 20.12.2018					<b>(32)</b> 18.08.17
<b>(72)</b> KUMAR, Saravana B.					<b>(33)</b> EP
<b>(74)</b> FPA Patent Attorneys Pty Ltd					<b>(72)</b> NIX, Christoph; LUNZE, Katrin; SIESS, Thorsten; ABOULHOSN, Walid
					<b>(74)</b> Shelston IP Pty Ltd.
<b>(71)</b> 4D Pharma Research Limited		<b>(71)</b> 4D Pharma Research Limited			<b>(71)</b> ACCANIS Biotech F&E GmbH & Co KG
<b>(11)</b> AU-A-2018283994		<b>(11)</b> AU-A-2018285453			<b>(11)</b> AU-A-2018311128
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<b>(54)</b> Compositions comprising bacterial strains		<b>(54)</b> Compositions comprising a bacterial strain of the genus Megasphaera and uses thereof			<b>(22)</b> 31.07.2018
<b>(51)</b> Int. Cl.		<b>(51)</b> Int. Cl.			<b>(54)</b> Treatment of local skin hypotrophy conditions
<b>A61K 35/74</b> ( 2015.01 )		<b>A61K 35/74</b> ( 2015.01 )			<b>(51)</b> Int. Cl.
<b>A61K 9/19</b> ( 2006.01 )		<b>A61K 9/19</b> ( 2006.01 )			<b>A61K 38/18</b> ( 2006.01 )
<b>A61K 31/19</b> ( 2006.01 )		<b>A61P 25/00</b> ( 2006.01 )			<b>A61P 17/00</b> ( 2006.01 )
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<b>(31)</b> 1805989.9	<b>(32)</b> 11.04.18	1712851.3	10.08.17	GB	
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1709468.1	14.06.17				<b>(54)</b> Floating joint replacement device with supportive sidewall
1709534.0	15.06.17				<b>(51)</b> Int. Cl.
<b>(43)</b> 20.12.2018					<b>A61F 2/38</b> ( 2006.01 )
<b>(72)</b> MULDER, Imke Elisabeth; ETTORRE, Anna; AHMED, Suaad; FOTIADOU, Parthena; YUILLE, Samantha; URCIA, Joseph Roby Iringan; SAVIGNAC, Helene		<b>(71)</b> AAI Corporation			<b>(87)</b> WO2019/023619
<b>(74)</b> FB Rice Pty Ltd		<b>(11)</b> AU-A-2018307946			<b>(31)</b> 62/538,109
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		<b>(54)</b> Cartridge extraction for a cased telescoped ammunition firearm			<b>(33)</b> US
		<b>(51)</b> Int. Cl.			<b>(43)</b> 31.01.2019
		<b>F41A 9/46</b> ( 2006.01 )			<b>(72)</b> ELSNER, Jonathan J.; LINDER-GANZ, Eran; KLYCE, Henry A.
		<b>F41A 3/26</b> ( 2006.01 )			<b>(74)</b> FB Rice Pty Ltd
		<b>F41A 15/04</b> ( 2006.01 )			
		<b>F41A 15/14</b> ( 2006.01 )			<b>(71)</b> Active Implants LLC
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		<b>(31)</b> 62/536,451	<b>(32)</b> 24.07.17	<b>(33)</b> US	<b>(21)</b> 2018306750
		62/536,448	24.07.17	US	<b>(22)</b> 27.07.2018
		62/536,445	24.07.17	US	<b>(54)</b> Two-piece floating joint replacement device with a rigid backing material
		<b>(43)</b> 31.01.2019			<b>(51)</b> Int. Cl.
		<b>(72)</b> SHIPLEY, Paul Andrew; BRAND, Cameron Mehdi; AYOTTE, Kevin Michael; RUCK, Joshua Stephen; COLE, Benjamin Tyler; HABIAK, Gregory Paul			<b>A61F 2/38</b> ( 2006.01 )
		<b>(74)</b> Pizeys Patent and Trade Mark Attorneys Pty Ltd			<b>(87)</b> WO2019/023645
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					<b>(43)</b> 31.01.2019
					<b>(72)</b> LINDER-GANZ, Eran; ELSNER, Jonathan J.; KLYCE, Henry A.
					<b>(74)</b> FB Rice Pty Ltd

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- (71) Admedus Corporation  
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(21) 2018304128 (22) 16.07.2018  
(54) Sterilized packaging system for catheter
- (51) Int. Cl.  
**A61F 2/00** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )
- (87) WO2019/018290  
(31) 62/533,429 (32) 17.07.17 (33) US  
(43) 24.01.2019
- (72) NEETHLING, William Morris Leonard; OLIG, Christopher; BLISS, Scott; PATERSON, Wayne; HAARSTAD, Philip; DOAN, Tuan; PETERSON, Alex; BLAESER, David
- (74) Michael Buck IP
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- (71) AgriMetis, LLC  
(11) AU-A-2018304177  
(21) 2018304177 (22) 17.07.2018  
(54) Methods for the purification of L-glutofosinate
- (51) Int. Cl.  
**A01N 57/20** ( 2006.01 )  
**B01D 15/36** ( 2006.01 )  
**G01N 23/207** ( 2018.01 )
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**A01N 59/00** ( 2006.01 )  
**C02F 1/78** ( 2006.01 )  
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**G01M 3/28** ( 2006.01 )  
**E03B 7/07** ( 2006.01 )  
**G01F 15/00** ( 2006.01 )
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**A61K 31/7088** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )
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- (51) Int. Cl.  
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**G06K 9/66** ( 2006.01 )
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**G06F 9/445** ( 2018.01 )  
**G06F 9/54** ( 2006.01 )  
**G06Q 10/06** ( 2012.01 )  
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**G06Q 30/06** ( 2012.01 )  
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**G01N 31/22** ( 2006.01 )
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- (51) Int. Cl.

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**(51)** Int. Cl.  
**B05C 5/02** ( 2006.01 )  
**B05B 12/28** ( 2018.01 )  
**B28B 7/00** ( 2006.01 )  
**B28B 11/00** ( 2006.01 )  
**B28B 11/04** ( 2006.01 )  
**C04B 41/45** ( 2006.01 )  
**E02D 29/02** ( 2006.01 )  
**E04B 2/14** ( 2006.01 )  
**E04C 1/39** ( 2006.01 )  
**E04B 2/02** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(21)** 2018353106 **(22)** 04.10.2018  
**(54)** Batch-operated centrifuge  
**(51)** Int. Cl.  
**B04B 7/18** ( 2006.01 )  
**B04B 3/00** ( 2006.01 )  
**B04B 7/16** ( 2006.01 )  
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**(21)** 2019272240 **(22)** 10.05.2019  
**(54)** Medical forceps  
**(51)** Int. Cl.  
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**A61B 10/04** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
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**(21)** 2018304907 **(22)** 20.07.2018  
**(54)** Chemical compounds  
**(51)** Int. Cl.  
**C07D 417/12** ( 2006.01 )  
**A61K 31/426** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 277/30** ( 2006.01 )  
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**(54)** Pharmaceutical compositions for delivery of peptide  
**(51)** Int. Cl.  
**A61K 31/00** ( 2006.01 )  
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**(54)** Surface acoustic wave (SAW) 3D printing method  
**(51)** Int. Cl.  
**C12M 1/12** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**(87)** WO2019/038453  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(54)** Systems, methods and devices for monitoring gaming tables  
**(51)** Int. Cl.  
**H04N 7/18** ( 2006.01 )  
**G06Q 50/34** ( 2012.01 )  
**G06T 7/194** ( 2017.01 )  
**G07D 9/02** ( 2006.01 )  
**G08B 13/196** ( 2006.01 )  
**H04N 5/33** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 17/17** ( 2006.01 )  
**A61B 17/064** ( 2006.01 )  
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**(74)** Spruson & Ferguson
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**(11)** AU-A-2018306606  
**(21)** 2018306606 **(22)** 27.07.2018  
**(54)** Compounds and methods for the targeted degradation of Androgen Receptor  
**(51)** Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07C 255/47** ( 2006.01 )  
**C07D 207/16** ( 2006.01 )  
**C07D 213/82** ( 2006.01 )  
**C07D 231/14** ( 2006.01 )  
**C07D 237/24** ( 2006.01 )  
**C07D 239/42** ( 2006.01 )  
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**C07D 417/12** ( 2006.01 )  
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**(31)** 15/663,273 **(32)** 28.07.17 **(33)** US  
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**(74)** MINTER ELLISON
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**(11)** AU-A-2018288007  
**(21)** 2018288007 **(22)** 20.06.2018  
**(54)** Method of forming a hollow spar for an aerial vehicle  
**(51)** Int. Cl.  
**B29C 53/04** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd
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**(21)** 2018288009 **(22)** 20.06.2018  
**(54)** Aerial vehicle tether  
**(51)** Int. Cl.



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**(21)** 2018288008 **(22)** 20.06.2018  
**(54)** Aircraft longitudinal stability  
**(51)** Int. Cl.
- B64C 3/14** ( 2006.01 )  
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**(31)** 1709887.2 **(32)** 21.06.17 **(33)** GB  
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**(21)** 2018283372 **(22)** 15.06.2018  
**(54)** Three dimensional tissue compositions and methods of use  
**(51)** Int. Cl.
- A61L 27/38** ( 2006.01 )  
**A61L 27/40** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61L 27/60** ( 2006.01 )  
**A61L 31/12** ( 2006.01 )  
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**(31)** 62/521,137 **(32)** 16.06.17 **(33)** US  
**(43)** 20.12.2018  
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**(74)** Alder IP Pty Ltd
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**(11)** AU-A-2017423862  
**(21)** 2017423862 **(22)** 12.12.2017  
**(54)** Powdered formulations of cromolyn sodium and ibuprofen  
**(51)** Int. Cl.
- A61K 9/14** ( 2006.01 )  
**A61K 31/33** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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**(31)** 62/534,848 **(32)** 20.07.17 **(33)** US  
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**(21)** 2018288634 **(22)** 13.06.2018  
**(54)** The separation of hydrogen and oxygen from non-potable water and the recombining of said hydrogen and oxygen to drive a turbine or piston engine  
**(51)** Int. Cl.
- H05H 1/24** ( 2006.01 )  
**C01B 3/04** ( 2006.01 )
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**C01B 13/02** ( 2006.01 )  
**C01B 13/11** ( 2006.01 )  
**H05H 1/34** ( 2006.01 )  
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**(31)** 15/972,859 **(32)** 07.05.18 **(33)** US  
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**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Baker Hughes, a GE Company, LLC  
**(11)** AU-A-2018298056  
**(21)** 2018298056 **(22)** 03.07.2018  
**(54)** Potential energy actuated valve triggered by collapse of a support member  
**(51)** Int. Cl.
- E21B 34/06** ( 2006.01 )  
**E21B 23/04** ( 2006.01 )  
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**(31)** 15/641,874 **(32)** 05.07.17 **(33)** US  
**(43)** 10.01.2019  
**(72)** XU, Yingqing; MEYER, Kent S.  
**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2018297719  
**(21)** 2018297719 **(22)** 05.07.2018  
**(54)** Methods for therapeutics prescreening in bodily fluids  
**(51)** Int. Cl.
- C12Q 1/68** ( 2018.01 )  
**C12Q 1/6886** ( 2018.01 )  
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**(31)** 62/529,023 **(32)** 06.07.17 **(33)** US  
**(43)** 10.01.2019  
**(72)** EAVRI, Ronen; SABBAH, Annie; BAD-INTER, Felix; TSHUVA, Raphael; SCHROEDER, Avi  
**(74)** Collison & Co
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**(11)** AU-A-2018288532  
**(21)** 2018288532 **(22)** 21.06.2018  
**(54)** Microdroplet manipulation device  
**(51)** Int. Cl.
- B01L 3/00** ( 2006.01 )  
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**(31)** 17177204.9 **(32)** 21.06.17 **(33)** EP  
**(43)** 27.12.2018  
**(72)** ISAAC, Thomas Henry; CUNHA, Pedro; SHERIDAN, Eoin; LOVE, David; PALMER, Rebecca; KELLY, Douglas J.; PODD, Gareth  
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**(21)** 2018288533 **(22)** 21.06.2018  
**(54)** Microfluidic analytical device  
**(51)** Int. Cl.
- B01L 3/00** ( 2006.01 )  
**C12Q 1/6869** ( 2018.01 )  
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**(31)** 17180391.9 **(32)** 07.07.17 **(33)** EP
- 17177204.9 21.06.17 EP  
**(43)** 27.12.2018  
**(72)** ISAAC, Thomas Henry; CUNHA, Pedro; SHERIDAN, Eoin; LOVE, David; PALMER, Rebecca; KELLY, Douglas J.; PODD, Gareth  
**(74)** FB Rice Pty Ltd
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**(11)** AU-A-2018288535  
**(21)** 2018288535 **(22)** 21.06.2018  
**(54)** Method for investigating molecules such as nucleic acids  
**(51)** Int. Cl.
- B01L 3/00** ( 2006.01 )  
**C12Q 1/6869** ( 2018.01 )  
**(87)** WO2018/234448  
**(31)** 17177204.9 **(32)** 21.06.17 **(33)** EP  
 17208257.0 18.12.17 EP  
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**(72)** FRAYLING, Cameron Alexander; CUNHA, Pedro; ISAAC, Thomas Henry  
**(74)** FB Rice Pty Ltd
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**(21)** 2018338781 **(22)** 28.09.2018  
**(54)** Click based ligation  
**(51)** Int. Cl.
- C07H 1/00** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12Q 1/6844** ( 2018.01 )  
**C12Q 1/6855** ( 2018.01 )  
**C12Q 1/686** ( 2018.01 )  
**C12Q 1/6874** ( 2018.01 )  
**(87)** WO2019/063803  
**(31)** 18164071.5 **(32)** 26.03.18 **(33)** EP  
 17194093.5 29.09.17 EP  
**(43)** 04.04.2019  
**(72)** FRISCHMUTH, Thomas; SERD-JUKOW, Sascha  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Baxalta Incorporated; Baxalta GmbH  
**(11)** AU-A-2018299920  
**(21)** 2018299920 **(22)** 10.07.2018  
**(54)** Method for incubating liquids and inactivating viruses  
**(51)** Int. Cl.
- A61L 2/00** ( 2006.01 )  
**B01F 5/06** ( 2006.01 )  
**C07K 1/36** ( 2006.01 )  
**C12N 7/06** ( 2006.01 )  
**(87)** WO2019/011900  
**(31)** 18154196.2 **(32)** 30.01.18 **(33)** EP  
 17180477.6 10.07.17 EP  
**(43)** 17.01.2019  
**(72)** HAMMERSCHMIDT, Nikolaus; SEN-CAR, Jure; JUNGBAUER, Alois; MARTINS, Duarte Lima  
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**(11)** AU-A-2018304070  
**(21)** 2018304070 **(22)** 12.07.2018

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- (51) Int. Cl.  
**A61J 1/10** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**A61J 3/02** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61L 2/00** ( 2006.01 )  
**B65B 55/02** ( 2006.01 )  
**B65B 55/12** ( 2006.01 )  
**F26B 5/06** ( 2006.01 )
- (87) WO2019/018195  
(31) 62/533,515 (32) 17.07.17 (33) US  
(43) 24.01.2019
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- (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(11) AU-A-2018304072  
(21) 2018304072 (22) 12.07.2018  
(54) Sterile product bag with filtered port  
(51) Int. Cl.  
**A61J 1/14** ( 2006.01 )
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(31) 62/533,362 (32) 17.07.17 (33) US  
(43) 24.01.2019
- (72) DING, Yuanpang Samuel; LO, Ying-cheng; DOTY, Mark Joseph; SCHUCK, David Filiberto; CAZZINI, Karl Hans; BOMGAARS, Grant Anthony; KRAUSE, Bernd; DUDAR, Thomas Edward; PASMORE, Mark Edward; SADOWSKI, Michael Joseph; HRISTAKOS, Anastasios; RANALLETTA, Joseph Vincent
- (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) Baxter International Inc.; Baxter Healthcare SA  
(11) AU-A-2018304073  
(21) 2018304073 (22) 12.07.2018  
(54) Daul container system for product re-constitution  
(51) Int. Cl.  
**A61J 1/20** ( 2006.01 )
- (87) WO2019/018198  
(31) 62/533,380 (32) 17.07.17 (33) US  
(43) 24.01.2019
- (72) DING, Yuanpang Samuel; LO, Ying-cheng; RIVETT, Jacob Daniel; BOMGAARS, Grant Anthony; DUDAR, Thomas Edward; PASMORE, Mark Edward; SADOWSKI, Michael Joseph; HRISTAKOS, Anastasios; RANALLETTA, Joseph Vincent; KRAUSE, Bernd
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- (71) Baxter International Inc.; Baxter Healthcare SA  
(11) AU-A-2018304074  
(21) 2018304074 (22) 12.07.2018  
(54) Medical product including pre-filled product bag  
(51) Int. Cl.  
**A61M 5/165** ( 2006.01 )  
**A61J 1/10** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**B01D 63/02** ( 2006.01 )
- (87) WO2019/018200  
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**A61L 2/26** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
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B65B 31/04 (2006.01)  
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**A01G 9/24** ( 2006.01 )  
**B01D 53/84** ( 2006.01 )  
**F24F 3/16** ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd
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**(54)** An animal feeder  
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**(54)** Protein product and methods from alkali treated meat emulsion  
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**A23B 4/03** ( 2006.01 )  
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**C07C 4/06** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(54)** Solid organic antibacterial material  
**(51)** Int. Cl.  
**A61L 29/04** ( 2006.01 )  
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**(74)** Cotters Patent & Trade Mark Attorneys
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**(54)** Methods and compositions for treatment of pain using capsaicin  
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**A61F 2/24** ( 2006.01 )  
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**(54)** Stem cell-derived skin precursor cell culture medium and preparation method therefor  
**(51)** Int. Cl.  
**C12N 5/071** ( 2010.01 )  
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**(74)** FB Rice Pty Ltd
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**(54)** Floor panel and method of producing such a floor panel  
**(51)** Int. Cl.  
**E04F 15/00** ( 2006.01 )  
**B32B 13/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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 (74) Baxter Patent Attorneys Pty Ltd
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**C12N 15/13** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 7/04** ( 2006.01 )  
**C07K 16/36** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
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(54) Method for managing sessions using web sockets  
(51) Int. Cl.  
*H04L 29/08* (2006.01)  
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) Method to set up and tear down cloud environments based on a schedule obtained from one or more hosted calendars  
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(51) Int. Cl.  
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*A61K 31/7028* (2006.01)  
*C07H 15/256* (2006.01)  
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*A61K 9/70* (2006.01)  
*A61K 31/13* (2006.01)  
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(51) Int. Cl.  
*C07K 16/28* (2006.01)  
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*A61K 31/7028* (2006.01)  
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**B01D 11/02** ( 2006.01 )  
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**C22B 11/00** ( 2006.01 )  
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**E02D 5/80** ( 2006.01 )  
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**E21D 21/00** ( 2006.01 )  
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**(74)** A.P.T. Patent and Trade Mark Attorneys

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*B60T 1/12* (2006.01)  
*B60T 13/06* (2006.01)  
*F16D 63/00* (2006.01)  
*F16H 33/10* (2006.01)  
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*E04F 10/10* (2006.01)  
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**A47L 7/00** ( 2006.01 )  
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**G06K 7/10** ( 2006.01 )  
**G02B 6/24** ( 2006.01 )  
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**B63C 11/52** ( 2006.01 )  
**G01C 13/00** ( 2006.01 )  
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**H04B 10/112** ( 2013.01 )  
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**H04B 10/11** ( 2013.01 )  
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**H04S 3/00** ( 2006.01 )  
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**A61K 31/07** ( 2006.01 )  
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**C12Q 1/68** ( 2018.01 )  
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 (21) 2018303672 (22) 19.07.2018  
 (54) Energy absorption device, net, cable arrangement, use, method for producing an energy absorption device  
 (51) Int. Cl.  
     **F16F 7/12** ( 2006.01 )  
     **A62B 35/04** ( 2006.01 )  
     **E01F 7/04** ( 2006.01 )  
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 (31) 10 2017 116 531.2 (32) 21.07.17 (33) DE  
 (43) 24.01.2019  
 (72) LANTER, Andreas  
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(71) Geopier Foundation Company, Inc.  
 (11) AU-A-2018285912  
 (21) 2018285912 (22) 18.06.2018  
 (54) Extensible shells and related methods for constructing a ductile support pier  
 (51) Int. Cl.  
     **E02D 3/02** ( 2006.01 )  
     **E02D 3/054** ( 2006.01 )  
     **E02D 3/08** ( 2006.01 )  
     **E02D 3/12** ( 2006.01 )  
     **E02D 5/30** ( 2006.01 )  
     **E02D 5/34** ( 2006.01 )  
     **E02D 5/38** ( 2006.01 )  
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 (72) WHITE, David J.; WISSMANN, Kord J.; CARTER, Lake  
 (74) Spruson & Ferguson

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 (11) AU-A-2018317304  
 (21) 2018317304 (22) 16.08.2018  
 (54) Choline salt forms of an HIV capsid inhibitor  
 (51) Int. Cl.  
     **C07D 401/14** ( 2006.01 )  
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 (31) 62/546,974 (32) 17.08.17 (33) US  
 (43) 21.02.2019  
 (72) HOUSTON, Travis Lee; SHI, Bing  
 (74) Davies Collison Cave Pty Ltd

(71) Gilead Sciences, Inc.  
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 (21) 2018317833 (22) 16.08.2018  
 (54) Solid forms of an HIV capsid inhibitor  
 (51) Int. Cl.  
     **C07D 401/14** ( 2006.01 )  
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 (31) 62/546,968 (32) 17.08.17 (33) US  
 (43) 21.02.2019  
 (72) SHI, Bing  
 (74) Davies Collison Cave Pty Ltd

(71) Glen Raven, Inc.  
 (11) AU-A-2018316817  
 (21) 2018316817 (22) 17.08.2018  
 (54) Acrylic compositions including a hindered amine light stabilizer and methods of making and using the same  
 (51) Int. Cl.  
     **C08L 33/20** ( 2006.01 )  
     **D06M 15/31** ( 2006.01 )  
 (87) WO2019/035072  
 (31) 15/725,537 (32) 05.10.17 (33) US  
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 (43) 21.02.2019  
 (72) BUFFINGTON, David; HYDE, Gary Kevin  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Gnosis S.p.A.  
 (11) AU-A-2018298404  
 (21) 2018298404 (22) 03.07.2018  
 (54) Salt of (SS)-adenosyl methionine with inositol hexaphosphate, and process for the preparation thereof  
 (51) Int. Cl.  
     **A61K 31/6615** ( 2006.01 )  
     **A61K 31/7076** ( 2006.01 )  
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 (31) 102017000074957 (32) 04.07.17 (33) IT  
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 (74) Lord & Company

(71) GOJO Industries, Inc.  
 (11) AU-A-2018297319  
 (21) 2018297319 (22) 06.07.2018  
 (54) Refillable dispensers having reservoirs and refill containers configured for fluid and air transfer therebetween  
 (51) Int. Cl.  
     **A47K 5/12** ( 2006.01 )  
 (87) WO2019/010393  
 (31) 62/529,812 (32) 07.07.17 (33) US  
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 (72) MARSHALL, Aaron D.; CIAVARELLA, Nick E.; HARRIS, Donald Russell  
 (74) Collison & Co

(71) Grow Solutions Tech LLC  
 (11) AU-A-2018282507  
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(54) Systems and methods for harvesting plants  
 (51) Int. Cl.  
     **A01G 31/04** ( 2006.01 )  
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 (74) Murray Trento & Associates Pty Ltd

(71) Grow Solutions Tech LLC  
 (11) AU-A-2018282508  
 (21) 2018282508 (22) 23.05.2018  
 (54) Systems and methods for measuring water usage in an assembly line grow pod  
 (51) Int. Cl.  
     **A01G 31/04** ( 2006.01 )  
     **A01G 9/24** ( 2006.01 )  
     **A01G 31/00** ( 2018.01 )  
 (87) WO2018/231464  
 (31) 62/519,410 (32) 14.06.17 (33) US  
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 (43) 20.12.2018  
 (72) MILLAR, Gary Bret  
 (74) Murray Trento & Associates Pty Ltd

(71) Grow Solutions Tech LLC  
 (11) AU-A-2018282527  
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 (54) System and method for measuring plant growth  
 (51) Int. Cl.  
     **A01G 9/14** ( 2006.01 )  
     **A01G 31/04** ( 2006.01 )  
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 (31) 15/985,503 (32) 21.05.18 (33) US  
     62/519,660 14.06.17 US  
 (43) 20.12.2018  
 (72) MILLAR, Gary Bret; HURST, Michael Stephen  
 (74) Murray Trento & Associates Pty Ltd

(71) Grow Solutions Tech LLC  
 (11) AU-A-2018282533  
 (21) 2018282533 (22) 25.05.2018  
 (54) Bed seed holder for grow pod  
 (51) Int. Cl.  
     **A01G 9/029** ( 2018.01 )  
 (87) WO2018/231498  
 (31) 62/519,310 (32) 14.06.17 (33) US  
     15/986,128 22.05.18 US  
 (43) 20.12.2018  
 (72) MILLAR, Gary Bret; STOTT, Mark Gerald; TUELLER, Todd Garrett; HURST, Michael Stephen; WOODBURY, Taylor John; BENTLEY, Alan Ray  
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**H04W 24/02** ( 2009.01 )  
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**(43)** 18.04.2019  
**(72)** YANG, Ning; ZHANG, Zhi  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
**(11)** AU-A-2018364128  
**(21)** 2018364128 **(22)** 07.11.2018  
**(54)** Uplink control channel resource determination method, terminal, and network side device  
**(51)** Int. Cl.  
**H04W 72/00** ( 2009.01 )  
**(87)** WO2019/091398  
**(31)** PCT/ CN2017/110255 **(32)** 09.11.17 **(33)** CN  
**(43)** 16.05.2019  
**(72)** LIN, Yanan  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Gustav Klauke GmbH  
**(11)** AU-A-2018302427  
**(21)** 2018302427 **(22)** 17.07.2018  
**(54)** Tool for cutting a workpiece  
**(51)** Int. Cl.  
**B23D 35/00** ( 2006.01 )  
**B23D 17/00** ( 2006.01 )  
**B23D 21/00** ( 2006.01 )  
**B23D 29/00** ( 2006.01 )  
**(87)** WO2019/016194  
**(31)** 10 2017 116 041.8 **(32)** 17.07.17 **(33)** DE  
**(43)** 24.01.2019  
**(72)** FRENKEN, Egbert  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** H. Lee Moffitt Cancer Center and Research Institute, Inc.  
**(11)** AU-A-2018302097  
**(21)** 2018302097 **(22)** 17.07.2018  
**(54)** Compositions and methods for targeting CD33-expressing cancers  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**(87)** WO2019/018382  
**(31)** 62/592,107 **(32)** 29.11.17 **(33)** US  
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**(43)** 24.01.2019  
**(72)** DAVILA, Marco L.  
**(74)** Griffith Hack
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- (71)** H. Lee Moffitt Cancer Center and Research Institute, Inc.  
**(11)** AU-A-2018335266  
**(21)** 2018335266 **(22)** 11.09.2018  
**(54)** Chimeric antigen receptors with enhanced NFkB signaling  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )
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**C12N 5/16** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**(87)** WO2019/060174  
**(43)** 28.03.2019  
**(31)** 62/640,153 **(32)** 08.03.18 **(33)** US  
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 62/561,815 22.09.17 US  
 62/666,381 03.05.18 US  
 62/666,385 03.05.18 US  
**(43)** 28.03.2019  
**(72)** DAVILLA, Marco L.  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Hadal, Inc.  
**(11)** AU-A-2018285541  
**(21)** 2018285541 **(22)** 14.06.2018  
**(54)** Systems and methods for configurable battery charging  
**(51)** Int. Cl.  
**H02J 7/04** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
**H02J 7/36** ( 2006.01 )  
**(87)** WO2018/232182  
**(31)** 62/519,279 **(32)** 14.06.17 **(33)** US  
**(43)** 20.12.2018  
**(72)** RIKOSKI, Richard J.  
**(74)** Shelston IP Pty Ltd.
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- (71)** Hadal, Inc.  
**(11)** AU-A-2018285543  
**(21)** 2018285543 **(22)** 14.06.2018  
**(54)** Systems and methods for virtual reality motion sickness prevention  
**(51)** Int. Cl.  
**A61M 21/02** ( 2006.01 )  
**G02B 27/01** ( 2006.01 )  
**(87)** WO2018/232184  
**(31)** 62/519,287 **(32)** 14.06.17 **(33)** US  
**(43)** 20.12.2018  
**(72)** RIKOSKI, Richard J.  
**(74)** Shelston IP Pty Ltd.
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- (71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2017432180  
**(21)** 2017432180 **(22)** 18.09.2017  
**(54)** Methods and systems for characterizing multiple properties of cement using p-waves of multiple frequencies  
**(51)** Int. Cl.  
**G01N 29/024** ( 2006.01 )  
**G01N 29/34** ( 2006.01 )  
**G01N 29/44** ( 2006.01 )  
**(87)** WO2019/055043  
**(43)** 21.03.2019  
**(72)** JANDHYALA, Siva Rama Krishna; CUELLO JIMINEZ, Walmy; PANGU, Ganesh Shriniwas; DESHPANDE, Abhimanyu Pramod; BHAIASNA, Ketan Chimanlal  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2017432599  
**(21)** 2017432599 **(22)** 19.09.2017
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- (54)** Energy transfer mechanism for a junction assembly to communicate with a lateral completion assembly  
**(51)** Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**E21B 47/12** ( 2012.01 )  
**(87)** WO2019/059885  
**(43)** 28.03.2019  
**(72)** STEELE, David Joe  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2017440218  
**(21)** 2017440218 **(22)** 14.11.2017  
**(54)** System to control swab off while running a packer device  
**(51)** Int. Cl.  
**E21B 33/12** ( 2006.01 )  
**E21B 17/00** ( 2006.01 )  
**E21B 33/127** ( 2006.01 )  
**(87)** WO2019/098993  
**(43)** 23.05.2019  
**(72)** ORNELAZ, Richard Decena; GRECI, Stephen Michael; ZHONG, Xiaoguang Allan; VICK Jr., James Dan; DAGENAIS, Peter C.; ABEIDOH, Abdel Hamid R.  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2018334414  
**(21)** 2018334414 **(22)** 03.08.2018  
**(54)** Optical analysis of wellbore fluid demulsifiers  
**(51)** Int. Cl.  
**G01N 21/82** ( 2006.01 )  
**G01N 21/84** ( 2006.01 )  
**G01N 21/90** ( 2006.01 )  
**(87)** WO2019/055151  
**(31)** 62/558,154 **(32)** 13.09.17 **(33)** US  
**(43)** 21.03.2019  
**(72)** GUO, Li; DEVILLE, Jay Paul; SHUMWAY, William Walter; GALINDO, Kay Ann  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2018373385  
**(21)** 2018373385 **(22)** 27.11.2018  
**(54)** A running tool and method of cleaning a downhole well casing  
**(51)** Int. Cl.  
**E21B 37/00** ( 2006.01 )  
**E21B 17/10** ( 2006.01 )  
**(87)** WO2019/104322  
**(31)** 62/591,025 **(32)** 27.11.17 **(33)** US  
**(43)** 31.05.2019  
**(72)** STAUTZENBERGER, Arthur Terry  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Hanmi Pharm. Co., Ltd.  
**(11)** AU-A-2018295994  
**(21)** 2018295994 **(22)** 09.07.2018  
**(54)** Novel therapeutic enzyme fusion protein and use thereof  
**(51)** Int. Cl.  
**C12N 9/16** ( 2006.01 )

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

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**A61K 47/68** ( 2017.01 )  
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**(31)** 10-2017-0086594 **(32)** 07.07.17 **(33)** KR  
**(43)** 10.01.2019  
**(72)** HEO, Yong Ho; KIM, Jin Young; CHOI, In Young; JUNG, Sung Youb  
**(74)** Shelston IP Pty Ltd.
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- (71)** Hanmi Pharm. Co., Ltd.  
**(11)** AU-A-2018341729  
**(21)** 2018341729 **(22)** 28.09.2018  
**(54)** Pharmaceutical composition including multi-unit spheroidal tablet containing esomeprazole and spheroidal pharmaceutically acceptable salt thereof, and method of preparing the pharmaceutical composition  
**(51)** Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 9/28** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**(87)** WO2019/066555  
**(31)** 10-2017-0126426 **(32)** 28.09.17 **(33)** KR  
**(43)** 04.04.2019  
**(72)** CHO, Hyuk Jun; KIM, Min Wook; IM, Ho Taek; KIM II, Yong  
**(74)** Griffith Hack
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- (71)** HeadStart Medical Ltd.  
**(11)** AU-A-2019239794  
**(21)** 2019239794 **(22)** 20.03.2019  
**(54)** System and method for preparing hollow core cranial remodeling orthoses  
**(51)** Int. Cl.  
**A61F 5/058** ( 2006.01 )  
**A61B 5/107** ( 2006.01 )  
**B29C 64/153** ( 2017.01 )  
**G16H 10/00** ( 2018.01 )  
**(87)** WO2019/178686  
**(31)** 62/678,221 **(32)** 30.05.18 **(33)** US  
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**(43)** 26.09.2019  
**(72)** GOODNOUGH, Jason Shane  
**(74)** Catalyst Intellectual Property
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- (71)** HealthTell Inc.  
**(11)** AU-A-2018289396  
**(21)** 2018289396 **(22)** 19.06.2018  
**(54)** Immunosignatures for differential diagnosis  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/564** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2018/236838  
**(31)** 62/522,636 **(32)** 20.06.17 **(33)** US  
 62/581,581 03.11.17 US  
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**(43)** 27.12.2018  
**(72)** GERWIEN, Robert William; TARASOW, Theodore Michael; MELNICK, Jonathan Scott  
**(74)** FB Rice Pty Ltd
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- (71)** Hezari, A.; Camacho, A.  
**(11)** AU-A-2018285962  
**(21)** 2018285962 **(22)** 17.06.2018  
**(54)** Spike assembly  
**(51)** Int. Cl.  
**B42F 3/00** ( 2006.01 )  
**B26F 1/02** ( 2006.01 )  
**B26F 1/04** ( 2006.01 )  
**B26F 1/18** ( 2006.01 )  
**B26F 1/24** ( 2006.01 )  
**B26F 1/32** ( 2006.01 )  
**B42F 13/12** ( 2006.01 )  
**B42F 13/40** ( 2006.01 )  
**(87)** WO2018/227255  
**(31)** 2017902319 **(32)** 17.06.17 **(33)** AU  
**(43)** 20.12.2018  
**(72)** HEZARI, Alex; CAMACHO, Armando  
**(74)** MEYER WEST IP PTY LTD
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- (71)** HITACHI RAIL STS S.P.A.  
**(11)** AU-A-2018311366  
**(21)** 2018311366 **(22)** 13.07.2018  
**(54)** Method and system for remote control of human machine interfaces  
**(51)** Int. Cl.  
**G06F 11/00** ( 2006.01 )  
**B61L 25/06** ( 2006.01 )  
**G06F 11/07** ( 2006.01 )  
**G06F 11/14** ( 2006.01 )  
**(87)** WO2019/025890  
**(31)** 17184696.7 **(32)** 03.08.17 **(33)** EP  
**(43)** 07.02.2019  
**(72)** FLAMINIO, Luca; DEL VILLANO, Fausto; BOZZAOTRE, Michele; VIVARELLI, Claudio; PELLECCHIA, Raffaele  
**(74)** Lord & Company
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- (71)** Hockey, P.  
**(11)** AU-A-2019264851  
**(21)** 2019264851 **(22)** 07.03.2019  
**(54)** A mobile unit  
**(51)** Int. Cl.  
**B60P 3/34** ( 2006.01 )  
**B60P 3/36** ( 2006.01 )  
**(87)** WO2019/213692  
**(31)** 2018901587 **(32)** 09.05.18 **(33)** AU  
**(43)** 14.11.2019  
**(72)** HOCKNEY, Philip Kenneth  
**(74)** Spruson & Ferguson
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- (71)** Holland Bloorview Kids Rehabilitation Hospital  
**(11)** AU-A-2018305796  
**(21)** 2018305796 **(22)** 26.07.2018  
**(54)** Automatic detection of aspiration-penetration using swallowing accelerometry signals  
**(51)** Int. Cl.  
**A61B 5/11** ( 2006.01 )  
**(87)** WO2019/018939  
**(31)** 62/537,767 **(32)** 27.07.17 **(33)** US  
**(43)** 31.01.2019  
**(72)** SAMADANI, Ali-Akbar; CHAU, Tom  
**(74)** Shelston IP Pty Ltd.
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- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2018287509  
**(21)** 2018287509 **(22)** 16.05.2018  
**(54)** Polar code encoding method and device  
**(51)** Int. Cl.  
**H03M 13/13** ( 2006.01 )  
**H03M 13/00** ( 2006.01 )  
**(87)** WO2018/233414  
**(31)** 201710465743.X **(32)** 19.06.17 **(33)** CN  
**(43)** 27.12.2018  
**(72)** DAI, Shengchen; ZHANG, Huazi; LI, Rong; QIAO, Yunfei; ZHOU, Yue  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2018305459  
**(21)** 2018305459 **(22)** 26.06.2018  
**(54)** Polar code encoding method and apparatus  
**(51)** Int. Cl.  
**H03M 13/13** ( 2006.01 )  
**(87)** WO2019/019852  
**(31)** 201710632016.8 **(32)** 28.07.17 **(33)** CN  
**(43)** 31.01.2019  
**(72)** HUANGFU, Yourui; WANG, Jian; LI, Rong; QIAO, Yunfei; WANG, Jun  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Hyperloop Technologies, Inc.  
**(11)** AU-A-2018307363  
**(21)** 2018307363 **(22)** 19.07.2018  
**(54)** Augmented permanent magnet system  
**(51)** Int. Cl.  
**F16C 32/04** ( 2006.01 )  
**(87)** WO2019/023041  
**(31)** 62/537,689 **(32)** 27.07.17 **(33)** US  
**(43)** 31.01.2019  
**(72)** USMAN, Irfan; LAMBERT, Tim  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** I'rom Group Co., Ltd.  
**(11)** AU-A-2018302668  
**(21)** 2018302668 **(22)** 19.07.2018  
**(54)** Polynucleotide for modifying target sequence and use thereof  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
**C12N 1/19** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**(87)** WO2019/017438  
**(31)** 2017-141691 **(32)** 21.07.17 **(33)** JP  
**(43)** 24.01.2019  
**(72)** KUSANO, Kohji; KITOGO, Takayuki; INOUE, Makoto; SHU, Tsugumine; MORI, Toyotaka  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Icb Pharma Spółka Jawna Tomasz Świętosławski, Paweł Świętosławski  
**(11)** AU-A-2018308202

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 (54) Device for neutralizing ectoparasites  
 (51) Int. Cl.  
**A61B 17/50** ( 2006.01 )  
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 (31) P.422338 (32) 24.07.17 (33) PL  
 (43) 31.01.2019  
 (72) ŚWIĘTOSŁAWSKI, Tomasz  
 (74) P L BERRY & ASSOCIATES
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 (11) AU-A-2018288814  
 (21) 2018288814 (22) 20.06.2018  
 (54) Chimeric antigen receptors (CARs), compositions and methods thereof  
 (51) Int. Cl.  
**A61K 31/4545** ( 2006.01 )  
**A61K 35/14** ( 2015.01 )  
 (87) WO2018/237022  
 (31) 62/523,147 (32) 21.06.17 (33) US  
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 (43) 27.12.2018  
 (72) MA, Yupo; PINZ, Kevin; JIANG, Xun; WADA, Masayuki; CHEN, Kevin  
 (74) Spruson & Ferguson
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- (71) I-CON Systems, Inc.  
 (11) AU-A-2018297275  
 (21) 2018297275 (22) 05.07.2018  
 (54) Power supply assembly for plumbing fixture  
 (51) Int. Cl.  
**H02J 50/10** ( 2016.01 )  
**F16K 31/06** ( 2006.01 )  
**H02J 7/02** ( 2016.01 )  
 (87) WO2019/010302  
 (31) 62/529,141 (32) 06.07.17 (33) US  
 (43) 10.01.2019  
 (72) BUSH, Shawn D.  
 (74) FB Rice Pty Ltd
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- (71) Idemitsu Kosan Co.,Ltd.  
 (11) AU-A-2018352257  
 (21) 2018352257 (22) 27.09.2018  
 (54) Hydraulic oil composition  
 (51) Int. Cl.  
**C10M 141/06** ( 2006.01 )  
**C10M 141/10** ( 2006.01 )  
**C10M 129/10** ( 2006.01 )  
**C10M 133/12** ( 2006.01 )  
**C10M 133/16** ( 2006.01 )  
**C10M 133/56** ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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**(54)** Efficacy of a gastro-retentive bile acid  
 sequestrant dosage form  
**(51)** Int. Cl.  
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**(21)** 2018288820 **(22)** 20.06.2018  
**(54)** Bag opening system  
**(51)** Int. Cl.  
**B65B 69/00** ( 2006.01 )  
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 Patrick; COHEN FREUE, Guillermo J.  
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**(11)** AU-A-2018302245  
**(21)** 2018302245 **(22)** 19.07.2018  
**(54)** Method and system for communicat-  
 ing between private mesh network and  
 public network  
**(51)** Int. Cl.  
**H04L 12/28** ( 2006.01 )  
**H04W 4/00** ( 2018.01 )  
**H04W 80/00** ( 2009.01 )  
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**(51)** Int. Cl.  
**C12N 9/82** ( 2006.01 )  
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**(72)** FRIEDRICH, Lars; O'DONNELL, Anne  
**(74)** Allens Patent & Trade Mark Attorneys
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**(54)** Security tag  
**(51)** Int. Cl.  
**G09F 3/03** ( 2006.01 )  
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**G09F 21/02** ( 2006.01 )  
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**(11)** AU-A-2018309964  
**(21)** 2018309964 **(22)** 25.07.2018  
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 and method for producing steel sheet  
 for crown cap  
**(51)** Int. Cl.  
**C22C 38/00** ( 2006.01 )  
**B65D 41/12** ( 2006.01 )  
**C21D 9/46** ( 2006.01 )  
**C22C 38/06** ( 2006.01 )  
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 Shanghai Hengrui Pharmaceutical Co.,  
 Ltd  
**(11)** AU-A-2018291702  
**(21)** 2018291702 **(22)** 29.06.2018  
**(54)** Pharmaceutical composition comprising  
 PCSK-9 antibody and use thereof  
**(51)** Int. Cl.  
**C07K 16/40** ( 2006.01 )  
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**(51)** Int. Cl.  
**B01D 46/52** ( 2006.01 )  
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**B28D 7/02** ( 2006.01 )  
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 Stephen M.; GUTH, Paul W.; OTT,  
 Randy  
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**(21)** 2018289410 **(22)** 19.06.2018  
**(54)** Interpretation of genetic and genomic  
 variants via an integrated computati-  
 onal and experimental deep mutational  
 learning framework  
**(51)** Int. Cl.  
**G16B 20/00** ( 2019.01 )  
**C12Q 1/68** ( 2018.01 )  
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**(21)** 2018295686 **(22)** 26.06.2018  
**(54)** Method for producing galactooligosac-  
 charide  
**(51)** Int. Cl.  
**C12P 19/14** ( 2006.01 )  
**C07H 3/06** ( 2006.01 )  
**C08B 37/00** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
**C12P 19/18** ( 2006.01 )  
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**A61K 31/415** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
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**A61K 31/4439** ( 2006.01 )

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**G01N 33/68** ( 2006.01 )  
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**(54)** Device for winding a flexible tube  
**(51)** Int. Cl.  
**B65H 75/36** ( 2006.01 )  
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**(72)** KANDIN Patrice  
**(74)** Phillips Ormonde Fitzpatrick
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**(54)** Printed security element comprising a rainbow feature and method of producing the same  
**(51)** Int. Cl.  
**B42D 25/337** ( 2014.01 )  
**B41F 7/08** ( 2006.01 )  
**B41F 9/02** ( 2006.01 )  
**B41F 11/00** ( 2006.01 )  
**B41F 31/00** ( 2006.01 )  
**B41M 3/14** ( 2006.01 )  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(54)** System for automated investment advice and execution  
**(51)** Int. Cl.  
**G06Q 40/06** ( 2012.01 )  
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**(21)** 2018326573 **(22)** 31.08.2018  
**(54)** Improved anomaly detection  
**(51)** Int. Cl.  
**G06F 21/55** ( 2013.01 )  
**G06Q 30/00** ( 2012.01 )
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**(11)** AU-A-2018302641  
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*A61P 29/00* ( 2006.01 )  
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*B01J 23/00* ( 2006.01 )  
*B01J 27/057* ( 2006.01 )  
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*A61K 49/10* ( 2006.01 )  
*A61K 49/18* ( 2006.01 )  
 (87) WO2019/004297  
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 (43) 03.01.2019  
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 (74) IP SOLVED (ANZ) PTY. LTD.
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 (51) Int. Cl.  
*A61F 13/15* ( 2006.01 )  
*A61B 50/30* ( 2016.01 )  
*B65H 45/12* ( 2006.01 )  
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 A45C 5/14 ( 2006.01 )  
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 (31) 2017903057 (32) 02.08.17 (33) AU  
 (43) 07.02.2019  
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 (21) 2018307802 (22) 26.07.2018  
 (54) Heated collapsible elastomeric bladder tool to form and repair composite structures  
 (51) Int. Cl.  
 B29C 73/32 ( 2006.01 )  
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 B29C 73/10 ( 2006.01 )  
 B64F 5/40 ( 2017.01 )  
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 (43) 31.01.2019  
 (72) MIRANDA, Isaac; HARSHBERGER, Robert; HECHT, Mathias  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.  
 C07K 14/47 ( 2006.01 )  
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 (51) Int. Cl.  
 A61F 2/16 ( 2006.01 )  
 A61F 2/14 ( 2006.01 )  
 G02B 1/08 ( 2006.01 )  
 G02B 5/30 ( 2006.01 )  
 G02C 7/02 ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick
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 (21) 2018302519 (22) 19.07.2018  
 (54) Calcium sulfate urea granules and methods for producing and using the same  
 (51) Int. Cl.  
 C05C 9/00 ( 2006.01 )  
 C05D 3/00 ( 2006.01 )  
 C05G 1/00 ( 2006.01 )  
 (87) WO2019/016763  
 (31) 62/626,932 (32) 06.02.18 (33) US  
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 (43) 24.01.2019  
 (72) KELLS, Andrew George; KHALEEL, Mohamed Akasha M.  
 (74) Griffith Hack
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 (11) AU-A-2018304604  
 (21) 2018304604 (22) 19.07.2018  
 (54) Calcium sulfate urea granules and methods for producing and using the same  
 (51) Int. Cl.  
 C05C 9/00 ( 2006.01 )  
 C05D 3/00 ( 2006.01 )  
 C05G 1/00 ( 2006.01 )  
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 (31) 201711026033 (32) 21.07.17 (33) IN  
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 (21) 2018302323 (22) 25.06.2018  
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 (51) Int. Cl.  
 C03C 17/36 ( 2006.01 )  
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 (51) Int. Cl.  
 A61K 36/00 ( 2006.01 )  
 A61K 31/7028 ( 2006.01 )  
 C07J 63/00 ( 2006.01 )  
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 (51) Int. Cl.  
 A01N 59/08 ( 2006.01 )  
 A61K 31/352 ( 2006.01 )  
 A61P 1/02 ( 2006.01 )  
 A61P 3/00 ( 2006.01 )  
 A61P 3/04 ( 2006.01 )  
 A61P 7/00 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
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 (31) 62/523,592 (32) 22.06.17 (33) US  
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 (21) 2018303017 (22) 12.07.2018  
 (54) Method and apparatus for transmitting downlink control information in wireless communication system  
 (51) Int. Cl.  
 H04L 5/00 ( 2006.01 )  
 H04L 1/00 ( 2006.01 )  
 H04W 72/04 ( 2009.01 )  
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 (74) Griffith Hack
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 (11) AU-A-2018332398  
 (21) 2018332398 (22) 12.09.2018  
 (54) Method for encoding and decoding motion information and device for encoding and decoding motion information  
 (51) Int. Cl.  
 H04N 19/139 ( 2014.01 )  
 H04N 19/13 ( 2014.01 )  
 H04N 19/176 ( 2014.01 )  
 H04N 19/184 ( 2014.01 )  
 H04N 19/70 ( 2014.01 )  
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 (31) 62/557,414 (32) 12.09.17 (33) US  
 (43) 21.03.2019  
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- (51) Int. Cl.  
**A61K 31/519** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )
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(74) Watermark Intellectual Property Pty Ltd
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(11) AU-A-2018292538  
(21) 2018292538 (22) 27.06.2018  
(54) Pouch and film for a pouch  
(51) Int. Cl.  
**B32B 15/08** ( 2006.01 )  
**B32B 1/00** ( 2006.01 )  
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**B32B 7/12** ( 2006.01 )  
**B32B 15/09** ( 2006.01 )  
**B32B 15/20** ( 2006.01 )  
**B32B 27/08** ( 2006.01 )  
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**B32B 27/36** ( 2006.01 )  
**B65D 65/40** ( 2006.01 )
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(43) 03.01.2019  
(72) BELLMORE, David; MONROE, Joel  
(74) Phillips Ormonde Fitzpatrick
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(51) Int. Cl.  
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**A01G 9/12** ( 2006.01 )  
**E04B 1/19** ( 2006.01 )  
**F16B 7/18** ( 2006.01 )
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(74) Houlihan<sup>2</sup> Pty Ltd
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(11) AU-A-2018303111  
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(51) Int. Cl.  
**G01N 35/00** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12Q 1/6806** ( 2018.01 )  
**G01N 35/10** ( 2006.01 )
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(54) Method and system for managing power grid stability utilising local dynamic load control  
(51) Int. Cl.  
**H02J 3/12** ( 2006.01 )  
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**H02J 3/38** ( 2006.01 )  
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(54) Devices and methods for delivering therapeutics  
(51) Int. Cl.  
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**A61K 35/39** ( 2015.01 )  
**C12N 5/00** ( 2006.01 )
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(72) THANOS, Christopher; QIU, Yang  
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(21) 2018304590 (22) 18.07.2018  
(54) Compositions and methods for the treatment and prevention of cognitive decline and preservation of neuronal function  
(51) Int. Cl.  
**A61K 36/23** ( 2006.01 )  
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**A61P 25/28** ( 2006.01 )
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(72) WATSON, Shawn Nathan  
(74) Allens Patent & Trade Mark Attorneys
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(54) Application of Cas protein, method for detecting target nucleic acid molecule and kit  
(51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2018304186 (22) 17.07.2018  
(54) Wide-angle compensation of uniaxial retarder stacks  
(51) Int. Cl.  
**G02B 27/64** ( 2006.01 )
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(31) 62/533,547 (32) 17.07.17 (33) US  
(43) 24.01.2019  
(72) SHARP, Gary D.  
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- (71) Sharp Kabushiki Kaisha; FG Innovation Company Limited  
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(21) 2018289655 (22) 19.06.2018  
(54) User device, communication control method for user device, core network device, communication control method for core network, smf, and communication control method for smf  
(51) Int. Cl.  
**H04W 76/18** ( 2018.01 )
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(31) 2017-119517 (32) 19.06.17 (33) JP  
(43) 27.12.2018  
(72) KAWASAKI, Yudai; SUGAWARA, Yasuo; ARAMOTO, Masafumi; TAKAKURA, Tsuyoshi  
(74) Davies Collison Cave Pty Ltd
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- (71) Sharp Kabushiki Kaisha; FG Innovation Company Limited  
(11) AU-A-2018289916  
(21) 2018289916 (22) 19.06.2018  
(54) Terminal device, core network device  
(51) Int. Cl.  
**H04W 28/24** ( 2009.01 )
- (87) WO2018/235792  
(31) 2017-119514 (32) 19.06.17 (33) JP  
(43) 27.12.2018  
(72) KAWASAKI, Yudai; SUGAWARA, Yasuo; ARAMOTO, Masafumi; TAKAKURA, Tsuyoshi  
(74) Davies Collison Cave Pty Ltd
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- (71) Sharp Kabushiki Kaisha; FG Innovation Company Limited  
(11) AU-A-2018289918  
(21) 2018289918 (22) 19.06.2018  
(54) User device, communication control method for user device, core network device, communication control method for core network, SMF, communication control method for SMF, UPF, and communication control method for UPF  
(51) Int. Cl.  
**H04W 76/10** ( 2018.01 )  
**H04L 12/70** ( 2013.01 )

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**(31)** 2017-119516 **(32)** 19.06.17 **(33)** JP  
**(43)** 27.12.2018  
**(72)** KAWASAKI, Yudai; SUGAWARA, Yasuo; ARAMOTO, Masafumi; TAKAKURA, Tsuyoshi  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Sheldon-Coulson, G.; Moffat, B.  
**(11)** AU-A-2018303561  
**(21)** 2018303561 **(22)** 13.07.2018  
**(54)** Self-powered computing buoy  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**H02J 4/00** ( 2006.01 )  
**(87)** WO2019/018226  
**(31)** 62/533,058 **(32)** 16.07.17 **(33)** US  
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**(43)** 24.01.2019  
**(72)** SHELDON-COULSON, Garth Alexander; MOFFAT, Brian Lee  
**(74)** In-Legal Limited

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**(11)** AU-A-2018298187  
**(21)** 2018298187 **(22)** 04.07.2018  
**(54)** Use of isovalerylsipramycin I, II and/or III in preparation of drug for treating and/or preventing tumour, and drug  
**(51)** Int. Cl.  
**A61K 31/7048** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/10** ( 2006.01 )  
**(87)** WO2019/007368  
**(31)** 201711497546.2 **(32)** 27.12.17 **(33)** CN  
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**(43)** 10.01.2019  
**(72)** JIANG, Enhong; HE, Weiqing; DAI, Jianlu; JIANG, Yang; JIANG, Xunlei; ZHAO, Xiaofeng  
**(74)** Allens Patent & Trade Mark Attorneys

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**(71)** Shifamed Holdings, LLC  
**(11)** AU-A-2018304549  
**(21)** 2018304549 **(22)** 20.07.2018  
**(54)** Adjustable flow glaucoma shunts and methods for making and using same  
**(51)** Int. Cl.  
**A61F 9/00** ( 2006.01 )  
**A61M 27/00** ( 2006.01 )  
**(87)** WO2019/018807  
**(31)** 62/626,615 **(32)** 05.02.18 **(33)** US  
 62/535,125 20.07.17 US  
 62/643,125 14.03.18 US  
**(43)** 24.01.2019  
**(72)** MIXTER, Colin; ARGENTO, Claudio; BACKUS, Andrew; SAUL, Tom  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Shionogi & Co., Ltd.  
**(11)** AU-A-2018298733  
**(21)** 2018298733 **(22)** 13.07.2018  
**(54)** Fused-ring derivative having MGAT2 inhibitory activity  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/527** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 491/20** ( 2006.01 )  
**(87)** WO2019/013312  
**(31)** 2017-137678 **(32)** 14.07.17 **(33)** JP  
**(43)** 17.01.2019  
**(72)** NODU, Kouhei; TATENO, Yusuke; MASUDA, Kengo; NISHIURA, Yuji; SAKI, Yoshikazu  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** SICPA HOLDING SA  
**(11)** AU-A-2018320150  
**(21)** 2018320150 **(22)** 23.08.2018  
**(54)** Assemblies and processes for producing optical effect layers comprising oriented non-spherical oblate magnetic or magnetizable pigment particles  
**(51)** Int. Cl.  
**B05D 3/00** ( 2006.01 )  
**B05D 5/06** ( 2006.01 )  
**(87)** WO2019/038371  
**(31)** 17187930.7 **(32)** 25.08.17 **(33)** EP  
**(43)** 28.02.2019  
**(72)** AMERASINGHE, Cédric; MUELLER, Edgar; LOGINOV, Evgeny; SCHMID, Mathieu; DESPLAND, Claude-Alain  
**(74)** Shelston IP Pty Ltd.

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**(71)** SICPA HOLDING SA  
**(11)** AU-A-2018320412  
**(21)** 2018320412 **(22)** 23.08.2018  
**(54)** Assemblies and processes for producing optical effect layers comprising oriented non-spherical oblate magnetic or magnetizable pigment particles  
**(51)** Int. Cl.  
**B05D 3/00** ( 2006.01 )  
**B05D 3/06** ( 2006.01 )  
**B05D 5/06** ( 2006.01 )  
**(87)** WO2019/038369  
**(31)** 18163092.2 **(32)** 21.03.18 **(33)** EP  
 17202275.8 17.11.17 EP  
 17187930.7 25.08.17 EP  
**(43)** 28.02.2019  
**(72)** AMERASINGHE, Cédric; MUELLER, Edgar; LOGINOV, Evgeny; SCHMID, Mathieu; DESPLAND, Claude-Alain  
**(74)** Shelston IP Pty Ltd.

**(71)** SICPA HOLDING SA  
**(11)** AU-A-2018320413  
**(21)** 2018320413 **(22)** 23.08.2018  
**(54)** Assemblies and processes for producing optical effect layers comprising oriented non-spherical oblate magnetic or magnetizable pigment particles  
**(51)** Int. Cl.  
**C09D 5/00** ( 2006.01 )  
**B05D 3/00** ( 2006.01 )  
**B05D 3/06** ( 2006.01 )  
**(87)** WO2019/038370  
**(31)** 17187930.7 **(32)** 25.08.17 **(33)** EP  
 17202275.8 17.11.17 EP  
**(43)** 28.02.2019  
**(72)** AMERASINGHE, Cédric; MUELLER, Edgar; LOGINOV, Evgeny; SCHMID, Mathieu; DESPLAND, Claude-Alain  
**(74)** Shelston IP Pty Ltd.

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**(71)** Simmel Difesa S.p.A.  
**(11)** AU-A-2017420106  
**(21)** 2017420106 **(22)** 23.06.2017  
**(54)** Composition for single-base propelling powder for ammunition and ammunition provided with such composition  
**(51)** Int. Cl.  
**C06B 45/10** ( 2006.01 )  
**C06B 25/20** ( 2006.01 )  
**(87)** WO2018/235112  
**(43)** 27.12.2018  
**(72)** IUDICI, Nicola; GIROTTI, Michela; LEPORE, Laura  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Sisteks D.O.O  
**(11)** AU-A-2017420122  
**(21)** 2017420122 **(22)** 20.06.2017  
**(54)** Pre-filled drinking straw with a cross-slit valve closure on both ends  
**(51)** Int. Cl.  
**A61J 7/00** ( 2006.01 )  
**(87)** WO2018/233816  
**(43)** 27.12.2018  
**(72)** NOLIMAL, Boris  
**(74)** Spruson & Ferguson

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**(71)** Smixin SA  
**(11)** AU-A-2018304912  
**(21)** 2018304912 **(22)** 20.07.2018  
**(54)** Spout with final zone  
**(51)** Int. Cl.  
**B65D 5/74** ( 2006.01 )  
**B65D 41/06** ( 2006.01 )  
**B65D 47/10** ( 2006.01 )  
**B65D 47/38** ( 2006.01 )  
**B65D 75/58** ( 2006.01 )  
**B65D 77/06** ( 2006.01 )  
**B65D 83/00** ( 2006.01 )  
**A47K 5/12** ( 2006.01 )  
**(87)** WO2019/016403  
**(31)** 17182659.7 **(32)** 21.07.17 **(33)** EP  
**(43)** 24.01.2019  
**(72)** VAUCHER, Vincent  
**(74)** Phillips Ormonde Fitzpatrick

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

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 (11) AU-A-2018319700  
 (21) 2018319700 (22) 15.08.2018  
 (54) Gender specific synthetic nutritional compositions and nutritional systems comprising them  
 (51) Int. Cl.  
 A23L 33/00 ( 2016.01 )  
 A23L 33/15 ( 2016.01 )  
 A61K 31/355 ( 2006.01 )  
 A61P 39/06 ( 2006.01 )  
 (87) WO2019/038159  
 (31) 17187280.7 (32) 22.08.17 (33) EP  
 (43) 28.02.2019  
 (72) THAKKAR, Sagar; GIUFFRIDA, Francesca; DE CASTRO, Carlos Antonio; DESTAILLATS, Frederic  
 (74) Shelston IP Pty Ltd.
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**F24C 9/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**H02S 20/00** ( 2014.01 )  
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**B60W 30/14** ( 2006.01 )  
**B60R 11/04** ( 2006.01 )  
**B60R 21/015** ( 2006.01 )  
**B60W 40/08** ( 2012.01 )  
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**(51)** Int. Cl.  
**E21B 17/046** ( 2006.01 )  
**E21B 19/16** ( 2006.01 )  
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**E21B 17/043** ( 2006.01 )  
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**G05B 19/418** ( 2006.01 )  
**H04L 29/08** ( 2006.01 )  
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**A61K 45/00** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/7034** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**A61P 27/10** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 41/00** ( 2006.01 )  
**A61P 17/10** ( 2006.01 )  
**(87)** WO2019/018408  
**(31)** 62/533,558 **(32)** 17.07.17 **(33)** US  
62/534,973 20.07.17 US  
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**(72)** WILLEY, Andrea  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Wuerth International AG  
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**(54)** Storage box for small parts  
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- (71)** Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.  
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**(54)** S-nitrosothiol compounds and their combinations with nitrosamine blocking agents for safe food preservation  
**(51)** Int. Cl.  
**A23B 4/023** ( 2006.01 )  
**A23L 3/3499** ( 2006.01 )  
**A23L 3/3508** ( 2006.01 )  
**A23L 3/3526** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd
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(54) Complex of equipment and method of waste-free processing of biodegradable municipal waste  
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(31) PP 54-2017 (32) 16.06.17 (33) SK  
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(51) Int. Cl.  
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(74) Anderson IP
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(54) Reduction of acrylamide formation  
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*A23L 5/20* ( 2016.01 )  
*A23F 5/16* ( 2006.01 )  
*A23L 19/18* ( 2016.01 )  
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(21) 2018300250 (22) 13.07.2018  
(54) Systems for controlled treatment of water with ozone and related methods therefor  
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(21) 2018286309 (22) 15.06.2018  
(54) Power sharing method and apparatus  
(51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
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(74) Pizzveys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2018295221  
(21) 2018295221 (22) 12.06.2018  
(54) Design method and apparatus for quasi-cyclic low-density parity-check  
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*H04L 1/00* ( 2006.01 )  
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2017289291	CDP Innovations Pty Ltd	2018285364	Calf Smart Limited
2017418218	Microfine Materials Technologies Pte Ltd	2018285391	Vysoka skola chemicko-technologicka v Praze; Faltus, M.
2017418541	Commonwealth Scientific and Industrial Research Organisation	2018285445	4D Pharma Research Limited
2017418553	Li, C.	2018285453	4D Pharma Research Limited
2017418814	Nikken Lease Kogyo Co., Ltd.	2018285475	Zdroje Zeme a.s.
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2017420122	Sisteks D.O.O	2018285541	Hadal, Inc.
2017420133	Erke Erke Arastirmalari ve Mühendislik A.S.	2018285543	Hadal, Inc.
2017420202	Biodryingtech Spa; Empresas Iansa S.A.	2018285556	L'Ecuyer, G.
2017420280	Microfine Materials Technologies Pte Ltd	2018285814	Gambro Lundia AB
2017420781	Elekta, Inc.	2018285856	Beckman Coulter, Inc.
2017420911	Wenzhou Medical University	2018285869	The Boeing Company
2017421879	Suez Groupe	2018285912	Geopier Foundation Company, Inc.
2017422126	Agroazono, S.L.	2018285917	Berlin, M.
2017422286	Outotec (Finland) Oy	2018285960	Alfred Health; Monash University
2017422660	Outotec (Finland) Oy	2018285962	Hezari, A.; Camacho, A.
2017422662	Outotec (Finland) Oy	2018285963	Soter Analytics Pty Ltd
2017423525	LG Electronics Inc.	2018285976	ARB Labs Inc.
2017423862	AZTherapies, Inc.; The General Hospital Corporation	2018286309	ZTE Corporation
2017424083	Buckman Laboratories International, Inc.	2018286313	Mitsubishi Chemical Corporation
2017424295	Yunnan Zhongyi Dingdong Energy Technology Development Co., Ltd	2018286423	DrillScan France SAS
2017424706	IDEX Europe GmbH	2018286436	Grow Solutions Tech LLC
2017424860	Mitsubishi Electric Corporation	2018286469	Grow Solutions Tech LLC
2017425150	Epiroc South Africa (Pty) Ltd	2018286471	Grow Solutions Tech LLC
2017425222	IDEX Europe GmbH	2018286637	Scott, P.; Grimwade, J.
2017425665	Compagnie Generale des Etablissements Michelin	2018286638	The University of Queensland
2017426048	Taneichi, K.	2018286646	Drone Sharks Pty Ltd.
2017426445	Intuit Inc.	2018286653	BSG Australia Pty Ltd
2017426866	Panasonic Intellectual Property Corporation of America	2018286873	Syngenta Participations AG
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2017428944	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018286984	Immunocore Limited
2017429195	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018287033	Tovornik, C.
2017430066	Mitsubishi Electric Corporation	2018287042	Institut Curie; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique - CNRS -
2017431039	Mitsubishi Electric Corporation	2018287064	EUROIMMUN Medizinische Labordiagnostika AG
2017431351	Institute of Acoustics, Chinese Academy of Sciences; Beijing Hili Technology Co. Ltd.	2018287094	Fundacion Universitaria San Pablo
2017432180	Halliburton Energy Services, Inc.	2018287145	Jazz Pharmaceuticals Ireland Limited
2017432501	Taiyuan University of Technology	2018287215	CSL Behring Lengnau AG
2017432599	Halliburton Energy Services, Inc.	2018287258	Champion Link International Corporation
2017434041	Landmark Graphics Corporation	2018287316	Prometic Biotherapeutics, Inc.
2017434607	Meishan CRRC Brake Science & Technology Co., Ltd.	2018287317	Medicenna Therapeutics Inc.
2017435625	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018287319	Kainos Medicine Inc.
2017440218	Halliburton Energy Services, Inc.	2018287509	Huawei Technologies Co., Ltd.
2018279743	PreventAGE Healthcare LLC	2018287513	Viramal Limited
2018279838	Intelligent Medical Objects, Inc.	2018287591	Sony Corporation
2018282507	Grow Solutions Tech LLC	2018287868	Sony Corporation
2018282508	Grow Solutions Tech LLC	2018287994	Zeracryl AS
2018282527	Grow Solutions Tech LLC	2018288004	Petit Pli Limited
2018282533	Grow Solutions Tech LLC	2018288007	Astigan Limited
2018282535	Grow Solutions Tech LLC	2018288008	Astigan Ltd
2018282599	Grow Solutions Tech LLC	2018288009	Astigan Limited
2018282604	Grow Solutions Tech LLC	2018288071	Sun Pharma Advanced Research Company Limited
2018282638	Grow Solutions Tech LLC	2018288385	One Water Naturally Pty Ltd
2018282639	Grow Solutions Tech LLC	2018288386	The Westmead Institute for Medical Research; The University of Sydney; Western Sydney Local Health District; New South Wales Health Pathology
2018282735	Burzynski, S.	2018288387	Universal Biosecurity Limited
2018283372	Avery Therapeutics, Inc.	2018288433	Dometic Sweden AB
2018283383	The Regents of the University of California	2018288502	Telefonaktiebolaget LM Ericsson (publ)
2018283450	Jevens Design Limited T/A The Hanger Company	2018288516	SELC Ireland Ltd
2018283881	Grow Solutions Tech LLC	2018288532	Base4 Innovation Limited
2018283994	4D Pharma Research Limited	2018288533	Base4 Innovation Limited
2018284377	Milwaukee Electric Tool Corporation	2018288535	Base4 Innovation Limited
2018284963	University of Louisville Research Foundation	2018288589	The Regents of the University of California
2018284985	4C Medical Technologies, Inc.	2018288634	Bailey, K.; Plaisted, R.; Vigen, E.
		2018288646	The ESAB Group. Inc.

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2018288761	W. L. Gore & Associates, Inc.	2018295686	Kabushiki Kaisha Yakult Honsha
2018288803	TeneoOne, Inc.	2018295790	Specialized Desanders Inc.
2018288814	iCell Gene Therapeutics LLC	2018295869	LG Electronics Inc.
2018288820	Isopure, Corp.	2018295871	LG Electronics Inc.
2018288842	JPL Global, LLC	2018295994	Hanmi Pharm. Co., Ltd.
2018288849	Ubiome, Inc.	2018296004	Ten Cate Thiolon B.V.
2018289298	Cargill, Incorporated	2018296065	R-Solution Medical B.V.
2018289300	Cargill, Incorporated	2018296076	Kokanovic, M.
2018289387	Billings, A.	2018296676	Centre National de la Recherche Scientifique; Université d'Aix Marseille; Ecole Centrale de Marseille
2018289396	HealthTell Inc.	2018297141	Rakuten Medical, Inc.
2018289410	Jungla Inc.	2018297173	PPG Industries Ohio, Inc.
2018289428	The University of North Carolina at Chapel Hill; The General Hospital Corporation	2018297208	Becton, Dickinson and Company
2018289438	The Regents of The University of California	2018297210	Twelve, Inc.
2018289512	NantOmics, LLC; Memorial Sloan-Kettering Cancer Center	2018297211	Twelve, Inc.
2018289515	TeneoBio, Inc.	2018297275	I-CON Systems, Inc.
2018289521	Watershed Solar, LLC	2018297319	GOJO Industries, Inc.
2018289655	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2018297321	PPG Industries Ohio, Inc.
2018289672	Sumitomo Metal Mining Co., Ltd.	2018297399	Synhelion SA; ENI S.p.A.
2018289676	Sumitomo Metal Mining Co., Ltd.	2018297653	Suven Life Sciences Limited
2018289722	Sumitomo Metal Mining Co., Ltd.	2018297668	Victoria Link Limited
2018289864	CStone Pharmaceuticals; CStone Pharmaceuticals (Suzhou) Co., Ltd.; CStone Pharmaceuticals (Shanghai) Co., Ltd.	2018297715	Manna Irrigation Ltd.
2018289916	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2018297719	Barcode Diagnostics Ltd.
2018289918	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2018297856	FUSO Pharmaceutical Industries, Ltd.; Yamada, K.
2018289930	Sumitomo Metal Mining Co., Ltd.	2018297910	Sörvik, B.
2018290188	Introl IP Limited	2018298017	Sparta Software Corporation
2018290206	Becton, Dickinson and Company	2018298030	Pixm
2018290219	Sami Labs Limited	2018298056	Baker Hughes, a GE Company, LLC
2018290320	Sami Labs Limited	2018298136	Technip Process Technology, Inc.
2018290504	Sony Corporation	2018298187	Shenyang Fuyang Pharmaceutical Technology Co., Ltd.
2018290634	Cha Biotech Co., Ltd.	2018298234	Lummus Technology LLC
2018290910	Dow Global Technologies LLC	2018298404	Gnosis S.p.A.
2018291000	Dow Global Technologies LLC; Rohm and Haas Company; Georgia Tech Research Corporation; Georgia State University Research Foundation, Inc.	2018298459	Kandin, P.
2018291006	The Regents of the University of California	2018298598	Rheinmetall Waffe Munition GmbH
2018291021	Bristol-Myers Squibb Company	2018298672	Boehringer Ingelheim Vetmedica GmbH
2018291023	Spark Therapeutics, Inc.	2018298733	Shionogi & Co., Ltd.
2018291351	Bridgestone Corporation	2018298768	Becton Dickinson France
2018291396	Fresh Health Inc.	2018298769	Becton Dickinson France
2018291609	Zepelin, s.r.o.	2018298890	Institut Gustave-Roussy
2018291702	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd	2018298945	STEMCIS
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2018291973	Bourgeois, B.	2018299207	Munt, P.; Rennick, K.
2018292437	Solmax International Inc.	2018299209	The Bionics Institute of Australia
2018292538	Scholle IPN Corporation	2018299229	Les Équipements De Forage Versadrill Inc.
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2018293565	Eteros Technologies Inc.	2018299800	Owens-Brockway Glass Container Inc.
2018294258	Conagen Inc.	2018299827	Amadeus SAS
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		2018300319	Emadikotak Lahidjani, M.; Emadikotak Lahidjani, D.
		2018300336	Edge Electrons Limited
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		2018300596	Festool GmbH
		2018300916	Meiji Seika Pharma Co., Ltd.; National Institute of Advanced Industrial Science and Technology
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2018301688	Checkpoint Systems, Inc.	2018304186	Sharp, G.
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		2018304458	Genentech, Inc.; Foundation Medicine, Inc.
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2018302253	Suzhou Runxindatai Pharmaceuticals Ltd Co.	2018304841	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft
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2018302283	Novartis AG	2018304883	Carl Freudenberg KG
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2018302478	RAI Strategic Holdings, Inc.	2018305609	The Chinese University of Hong Kong
2018302519	SABIC Global Technologies B.V.	2018305612	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2018302641	Keio University	2018305777	Biophilia Australia Pty Ltd
2018302647	Kyowa Kirin Co., Ltd.; Kyoto University	2018305796	Holland Bloorview Kids Rehabilitation Hospital
2018302668	I'rom Group Co., Ltd.	2018305812	Wuerth International AG
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2018302855	Tokushima University; Oncotherapy Science, Inc.	2018306296	Cephea Valve Technologies, Inc.
2018303017	Samsung Electronics Co., Ltd.	2018306306	Magnomer LLC
2018303104	Curigin Co.,Ltd.	2018306420	Biomendics, LLC
2018303111	Seegene, Inc.	2018306428	bioMerieux, Inc.; BioFire Defense LLC
2018303199	Nutreco IP Assets B.V.	2018306444	Nimbus Lakshmi, Inc.
2018303249	Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca; Luxembourg Institute of Health (LIH); Institut de Recerca Biomèdica de Lleida Fundació Dr. Pifarré	2018306494	BiCT s.r.l.
		2018306521	Uber Technologies, Inc.
2018303336	TBS Mining Solutions Pty Ltd	2018306532	Bticino S.p.A.
2018303467	Koppert B.V.	2018306606	Arvinas Operations, Inc.
2018303472	e-Traction Europe B.V.	2018306617	E-Flux, LLC
2018303561	Sheldon-Coulson, G.; Moffat, B.	2018306619	ChemoCentryx, Inc.
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2018303570	DEKA Products Limited Partnership	2018306750	Active Implants LLC
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2018303625	Novo Nordisk A/S	2018306939	Vail Systems, Inc.
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2018303662	Cisco Technologies, Inc.	2018307363	Hyperloop Technologies, Inc.
2018303667	Becton, Dickinson and Company	2018307577	Molony, V.
2018303672	Geobruugg AG	2018307579	The University of Nottingham
2018303790	Magma Global Limited	2018307610	Regeneron Pharmaceuticals, Inc.
2018303794	Magma Global Limited	2018307611	Intercept Pharmaceuticals, Inc.
2018303808	Enviroleach Technologies Inc.	2018307642	Anchor Wall Systems, Inc.
2018303848	Noetic Technologies Inc.	2018307695	Bticino S.p.A.
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		2018307802	Rubbercraft Corporation of California, Ltd.



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2018307946	AAI Corporation	2018316205	The Procter & Gamble Company
2018308154	Pylon Manufacturing Corp.	2018316225	St. Jude Medical, Cardiology Division, Inc.
2018308202	Icb Pharma Spółka Jawna Tomasz Świątosławski, Paweł Świątosławski	2018316494	Creo Medical Limited
2018308224	Olipass Corporation	2018316530	KBC Groep NV
2018308370	Ingram Micro, Inc.	2018316543	Abiomed Europe GmbH
2018308383	Weatherford Technology Holdings, LLC	2018316817	Glen Raven, Inc.
2018308668	Fraunhofer-Gesellschaft zur Förderung der ange- wandten Forschung e.V.	2018317304	Gilead Sciences, Inc.
2018308684	Eukarys	2018317790	Mayer, F.
2018308712	Monash University	2018317807	Lgv1 S.r.l.
2018308716	International Materials & Technology Pty Limited	2018317833	Gilead Sciences, Inc.
2018308871	Sanofi	2018317930	Curtin University
2018308930	F. Hoffmann-La Roche AG	2018317932	Effusiontech Pty Ltd
2018308943	Bruder Expedition Pty Ltd	2018317986	Qualcomm Incorporated
2018308972	The Regents of the University of California	2018318008	Allysta Pharmaceuticals, Inc.
2018309062	Igloo Products Corp.	2018318108	Jarvis Products Corporation
2018309085	Galectin Sciences, LLC	2018318374	F. Hoffmann-La Roche AG
2018309334	Bayer Aktiengesellschaft	2018318927	Intercontinental Great Brands LLC
2018309402	Oxford University Innovation Limited	2018318952	Sun Chemical Corporation
2018309667	Theravance Biopharma R&D IP, LLC; Alfasma S.p.A.	2018319281	Linco Food Systems A/S
2018309708	Regeneron Pharmaceuticals, Inc.	2018319335	Veterinärmedizinische Universität Wien; Technische Universität Wien
2018309964	JFE Steel Corporation	2018319577	Novartis AG; Beckwith, R.; Bonazzi, S.; Cernijenko, A.; Fazal, A.; Tichkule, R.; Visser, M.
2018310134	CJ Cheiljedang Corporation	2018319587	SteadyMed, Ltd.
2018310744	Gekko Systems Pty Ltd	2018319700	Societe des Produits Nestle S.A.
2018310745	RTL Group Investments Pty Ltd	2018319701	Societe Des Produits Nestle S.A.
2018310900	Universidade Do Porto	2018319712	CMP Products Limited
2018311128	ACCANIS Biotech F&E GmbH & Co KG	2018320150	SICPA HOLDING SA
2018311198	NodThera Limited	2018320412	SICPA HOLDING SA
2018311200	Obrist Closures Switzerland GmbH	2018320413	SICPA HOLDING SA
2018311366	HITACHI RAIL STS S.P.A.	2018320484	Reckitt Benckiser (Brands) Limited
2018311391	Nova Chemicals (International) S.A.	2018320713	AO Technology AG
2018311501	Nova Chemicals (International) S.A.	2018320809	Suzuki Manufacturing, Ltd.
2018311605	Nanjing Institute of Agricultural Mechanization, Ministry of Agriculture	2018320868	Qualcomm Incorporated
2018311636	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	2018320878	Vesper Medical, Inc.
2018311660	Becton, Dickinson and Company	2018321084	Novomatic AG
2018311661	Motorola Solutions, Inc.	2018322042	Qualcomm Incorporated
2018311824	DePuy Synthes Products, Inc.	2018322387	Rubicon Biotechnology LLC
2018311974	Myokardia, Inc.	2018322456	Qualcomm Incorporated
2018311976	Dyax Corp.	2018322969	Uber Technologies, Inc.
2018312117	BillionToOne, Inc.	2018323528	MUSC Foundation for Research Development Park, S.
2018312252	RxSight, Inc.	2018323559	Butterfly Network, Inc.
2018312332	The Government of the United States of America, as Represented by the Secretary of the Navy	2018323621	Arthrex, Inc.
2018312349	Theravance Biopharma R&D IP, LLC	2018323627	Eli Lilly and Company
2018312441	StressMarq Biosciences Inc.	2018323876	Vesuvius USA Corporation
2018312956	Ferring B.V.	2018324469	KBC Groep NV
2018313009	Warsaw Orthopedic, Inc.	2018326573	Novartis AG
2018313030	Uber Technologies, Inc.	2018326768	Neopep Pharma GmbH & Co. KG
2018313187	Donaldson Company, Inc.	2018328044	Regeneron Pharmaceuticals, Inc.
2018313435	Wakunaga Pharmaceutical Co., Ltd.	2018328212	Vesper Medical, Inc.
2018313670	CHEP Technology Pty Limited	2018328227	ExxonMobil Research and Engineering Company
2018313729	Pharmag AS	2018329534	Eli Lilly and Company
2018313841	Allen Institute	2018329568	Butterfly Network, Inc.
2018313850	Denali Therapeutics Inc.	2018330436	Cleveland Range, LLC
2018313939	National University of Singapore	2018331450	Samsung Electronics Co., Ltd.
2018313965	NeoMed, Inc.	2018332398	Permedica S.P.A
2018314171	Laitram, L.L.C.	2018333097	Alexera AB
2018314185	Cyzen, K.	2018333813	Halliburton Energy Services, Inc.
2018314227	Amgen Inc.; Genentech, Inc.	2018334414	H. Lee Moffitt Cancer Center and Research Institute, Inc.
2018314605	General Electric Company	2018335266	ANYA BIOPHARM INC.; Gschliesser, S.; Desai, B. baseclick GmbH
2018314741	Bayer Aktiengesellschaft	2018336135	Chugai Seiyaku Kabushiki Kaisha
2018314767	CSL Behring AG	2018338781	Novel Pharma Inc.
2018315033	Croda International plc	2018338859	BNSF Railway Company
2018315509	Terno Scorrevoli S.p.a. Unipersonale; Ballotta, N.	2018338924	Hanmi Pharm. Co., Ltd.
2018315696	Creso Pharma Switzerland GmbH	2018341697	ExxonMobil Research and Engineering Company
2018315717	UPL Ltd	2018341729	Novartis AG
		2018341977	
		2018342784	

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**2018345052** Nippon Steel Corporation  
**2018347862** Neomed, Inc.  
**2018352257** Idemitsu Kosan Co.,Ltd.  
**2018353106** Andritz Fiedler GmbH  
**2018355113** Valmont Industries, Inc.  
**2018356481** Fresenius Kabi Deutschland GmbH  
**2018359259** Mitsubishi Heavy Industries Engineering, Ltd.  
**2018362257** Dexcom, Inc.  
**2018364128** GUANGDONG OPPO MOBILE TELECOMMUNICA-  
TIONS CORP., LTD.  
**2018368199** LG Chem, Ltd.  
**2018373385** Halliburton Energy Services, Inc.  
**2018373640** KBA-Notasys SA  
**2018385840** LG Chem, Ltd.; FarmHannong Co., Ltd.  
**2018396335** Idemitsu Kosan Co.,Ltd.  
**2018404625** China University of Mining and Technology; Xuzhou  
Boan Science & Technology Development Co., Ltd  
**2019239794** HeadStart Medical Ltd.  
**2019244082** Soft Robotics Inc.  
**2019264851** Hockey, P.  
**2019272240** Anrei Medical (Hangzhou) Co., Ltd.  
**2019284097** Nuctech Company Limited; Tsinghua University  
**2019292334** Strides Pharma Science Limited.

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<b><u>A01D 46 /-</u></b>	<b><u>A01K 13 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47K 5 /-</u></b>	<b><u>A61B 8 /-</u></b>
2018296076	2018300319	2018304841	2018287994	2018297319	2018330436
2018311605	<b><u>A01K 27 /-</u></b>	2018315717	2018294258	2018304912	
<b><u>A01G 13 /-</u></b>	2018287033	<b><u>A01P 21 /-</u></b>	2018301672	<b><u>A47L 13 /-</u></b>	<b><u>A61B 90 /-</u></b>
2018289676	<b><u>A01K 29 /-</u></b>	2018299795	<b><u>A24F 47 /-</u></b>	2018304883	2018302016
<b><u>A01G 17 /-</u></b>	2018285364	<b><u>A22B 3 /-</u></b>	2018302478	<b><u>A47L 7 /-</u></b>	<b><u>A61C 17 /-</u></b>
2018286637	<b><u>A01K 5 /-</u></b>	2018318108	<b><u>A42B 3 /-</u></b>	2018300596	2018291396
<b><u>A01G 2 /-</u></b>	2018285364	<b><u>A22C 21 /-</u></b>	2018293400	<b><u>A47L 9 /-</u></b>	<b><u>A61C 8 /-</u></b>
2018282639	<b><u>A01K 61 /-</u></b>	2018319281	2018295457	2017423525	2018299077
<b><u>A01G 22 /-</u></b>	2018313729	<b><u>A23B 4 /-</u></b>	<b><u>A43B 23 /-</u></b>	2018300596	<b><u>A61D 1 /-</u></b>
2018282639	<b><u>A01K 63 /-</u></b>	2018289298	2018304546	<b><u>A61B 1 /-</u></b>	2018307577
<b><u>A01G 23 /-</u></b>	2017418814	2018289300	<b><u>A43B 5 /-</u></b>	2018288761	<b><u>A61F 13 /-</u></b>
2018297910	<b><u>A01K 67 /-</u></b>	2018311636	2018304546	<b><u>A61B 10 /-</u></b>	2018296065
<b><u>A01G 25 /-</u></b>	2018303467	<b><u>A23F 5 /-</u></b>	<b><u>A45C 1 /-</u></b>	2019272240	2018302135
2018282604	2018309708	2018287994	2018317790	<b><u>A61B 17 /-</u></b>	<b><u>A61F 2 /-</u></b>
2018297715	<b><u>A01M 13 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A45C 11 /-</u></b>	2018288761	2018284985
<b><u>A01G 31 /-</u></b>	2018288387	2018289298	2018317790	2018294550	2018285960
2018282507	<b><u>A01N 1 /-</u></b>	2018289300	<b><u>A45C 13 /-</u></b>	2018300011	2018297210
2018282508	2018284963	<b><u>A23K 20 /-</u></b>	2018310745	2018300269	2018297211
2018282527	2018300228	2018303199	<b><u>A45C 5 /-</u></b>	2018300269	2018304128
2018282599	2018310900	<b><u>A23K 50 /-</u></b>	2018310745	2018308202	2018306296
2018282604	<b><u>A01N 25 /-</u></b>	2018303199	<b><u>A45C 7 /-</u></b>	2018311824	2018306724
2018282638	2018299795	<b><u>A23L 13 /-</u></b>	2018310745	2018316225	2018306750
2018282639	<b><u>A01N 39 /-</u></b>	2018289298	<b><u>A47C 27 /-</u></b>	2018323627	2018312252
2018283881	2018315717	2018289300	2018307218	2019272240	2018320878
2018286436	<b><u>A01N 43 /-</u></b>	2018311636	<b><u>A47G 19 /-</u></b>	<b><u>A61B 18 /-</u></b>	2018328227
2018286469	2018286873	<b><u>A23L 19 /-</u></b>	2018309062	2018297141	2018333097
<b><u>A01G 7 /-</u></b>	2018304841	2018287994	<b><u>A47G 21 /-</u></b>	2018299971	<b><u>A61F 5 /-</u></b>
2018282535	2018309334	<b><u>A23L 2 /-</u></b>	2018309062	2018316494	2018291973
<b><u>A01G 9 /-</u></b>	2018314741	2017420202	<b><u>A47G 19 /-</u></b>	<b><u>A61B 3 /-</u></b>	2018300269
2018282508	2018315717	2018301672	2018306306	2018285917	2019239794
2018282527	<b><u>A01N 47 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47G 9 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61F 9 /-</u></b>
2018282533	2018315717	2018294258	2018291973	2018302016	2018304549
2018282599	<b><u>A01N 57 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61G 13 /-</u></b>
2018282604	2018304177	2018302153	2018331450	2018285963	2018313009
2018283881	<b><u>A01N 59 /-</u></b>	2018311636	<b><u>A47J 37 /-</u></b>	2018297208	2018316172
2018286436	2017422126	<b><u>A23L 33 /-</u></b>	2018285556	2018299209	<b><u>A61G 5 /-</u></b>
2018286469	2018290320	2018285445	<b><u>A47J 39 /-</u></b>	2018302016	2018303570
2018286471	<b><u>A01N 63 /-</u></b>	2018302153	2018331450	2018303661	<b><u>A61J 1 /-</u></b>
2018286637	2018303467	2018307579	<b><u>A47J 39 /-</u></b>	2018304141	2018298672
2018305777		2018313435		2018305796	2018304070
<b><u>A01K 1 /-</u></b>		2018319700		2018306428	2018304072
2018285364		2018319701		2018313841	2018304073
<b><u>A01K 11 /-</u></b>				2018323621	2018304075
2018285364				2018330436	2018304077
				2019239794	2018313965
				<b><u>A61B 50 /-</u></b>	2018347862
				2018296065	

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<b><u>A61J 15 /-</u></b>	2018342784 2018356481	<b><u>A61K 41 /-</u></b>	<b><u>A61L 31 /-</u></b>	2018342784	<b><u>A61P 31 /-</u></b>
2018347862		2018302103	2018283372 2018296676	<b><u>A61P 13 /-</u></b>	2017418541 2018288386 2018298187
<b><u>A61J 3 /-</u></b>	<b><u>A61K 33 /-</u></b>	<b><u>A61K 45 /-</u></b>	<b><u>A61L 9 /-</u></b>	2018297856 2018299427 2018302855 2018305612 2018326768 2018342784	2018302641 2018304230 2018304907 2018306420 2018306494 2018342784
2018304070 2019292334	2018289512	2017420911 2018298187	2018320484	<b><u>A61P 15 /-</u></b>	<b><u>A61P 35 /-</u></b>
<b><u>A61J 7 /-</u></b>	2018283994 2018285445 2018285453 2018285539 2018288386 2018288814 2018289428 2018300272 2018301395 2018301667 2018302641 2018310900 2018313939 2018314227	<b><u>A61K 47 /-</u></b>	<b><u>A61M 1 /-</u></b>	2018302855	2018282735 2018287317 2018288386 2018289428 2018289864 2018297856 2018301837 2018302647 2018302855 2018304757 2018305209 2018306606 2018307579 2018308871 2018319577 2018342784
2017420122 2018304413		2018287513 2018288071 2018293467 2018295119 2018295994 2018301395 2018307579 2018338924 2018356481	2018301507 2018316543	<b><u>A61P 17 /-</u></b>	
<b><u>A61K 31 /-</u></b>		<b><u>A61K 48 /-</u></b>	<b><u>A61M 11 /-</u></b>	2018287316 2018300272 2018302103 2018311128	
2017418541 2017420911 20174233862 2018283383 2018283994 2018285869 2018287319 2018288814 2018289438 2018289864 2018290219 2018290320 2018291021 2018291757 2018294258 2018294314 2018297653 2018297856 2018298187 2018298404 2018298733 2018299427 2018301801 2018301837 2018302155 2018302253 2018302342 2018302668 2018303104 2018304534 2018304757 2018304907 2018305612 2018306420 2018306619 2018307579 2018307611 2018307792 2018307945 2018308871 2018308972 2018309085 2018309667 2018311198 2018311974 2018311976 2018312349 2018313435 2018316159 2018319577 2018319700 2018319701 2018326768 2018329568 2018333813 2018336135 2018341729	<b><u>A61K 35 /-</u></b>	<b><u>A61K 49 /-</u></b>	<b><u>A61M 15 /-</u></b>	2018302478	
		2018300159 2018302668 2018316166 2018335266	<b><u>A61M 21 /-</u></b>	2018302478	
			<b><u>A61M 25 /-</u></b>	2018285543	
		<b><u>A61K 8 /-</u></b>	2018302004 2018303661 2018303667 2018304128 2018311660	<b><u>A61P 19 /-</u></b>	
	<b><u>A61K 36 /-</u></b>	2018292927		2018302342 2018313435 2018342784	
	2018290219 2018304590 2018307579 2018313435 2018315696	<b><u>A61K 49 /-</u></b>		<b><u>A61P 21 /-</u></b>	
				2018313435	
	<b><u>A61K 38 /-</u></b>	<b><u>A61K 8 /-</u></b>	<b><u>A61M 27 /-</u></b>	<b><u>A61P 25 /-</u></b>	<b><u>A61P 37 /-</u></b>
	2018287215 2018287317 2018289428 2018293467 2018295994 2018301667 2018302097 2018302855 2018303625 2018304174 2018304230 2018306494 2018308972 2018311128 2018314767 2018316166 2018318008 2018328044 2018338924	2018315033 2018316205	2018285543	2017423862 2018283994 2018285445 2018285453 2018287319 2018297653 2018297856 2018300159 2018302253 2018304590 2018307579 2018312441 2018329568 2018342784	2018300272 2018301667 2018302153 2018302641 2018302647 2018306619 2018311198 2018312441 2018342784
		<b><u>A61K 9 /-</u></b>	<b><u>A61M 3 /-</u></b>		
		2017423862 2018283994 2018302097 2018285453 2018285539 2018287513 2018288071 2018302255 2018306494 2018304070 2018304534 2018307579 2018307792 2018309667 2018341729 2018356481	2018355113	<b><u>A61P 27 /-</u></b>	
		<b><u>A61L 2 /-</u></b>	<b><u>A61M 39 /-</u></b>	2017420911 2018297856	
		2018299920 2018304070 2018304077 2018306824 2018320484	2018290206 2018302004 2018303667 2018347862	<b><u>A61P 29 /-</u></b>	
	<b><u>A61K 39 /-</u></b>		<b><u>A61M 5 /-</u></b>	2018287316 2018302342 2018302647 2018307579 2018311198 2018312349 2018342784	<b><u>A61P 43 /-</u></b>
	2018286984 2018287317 2018288386 2018291702 2018295118 2018295119 2018302153 2018302283 2018302647 2018304458 2018308930 2018312441 2018314227 2018329568 2018335266 2018338859	<b><u>A61L 27 /-</u></b>	2018303667 2018304075 2018304078 2018318374 2018319587 2018323876	<b><u>A61P 27 /-</u></b>	2018297856 2018298733 2018302668 2018302855 2018316166
		<b><u>A61L 29 /-</u></b>	<b><u>A61M 1 /-</u></b>	2018287316 2018290320 2018297856 2018302641 2018305612 2018309667 2018316166	<b><u>A61P 7 /-</u></b>
		2018296676	2018294550	<b><u>A61P 3 /-</u></b>	2018287215 2018287316 2018290320 2018301801 2018304174 2018311976 2018314767 2018338859
			<b><u>A61P 1 /-</u></b>	2018287316 2018290320 2018291702 2018298733 2018305612 2018316166 2018342784	<b><u>A61P 9 /-</u></b>
			2018290320 2018297856 2018302641 2018305612 2018309667 2018316166		2018287316 2018290320 2018297856 2018298733 2018305612
			<b><u>A61P 11 /-</u></b>		
			2018297856 2018300272		

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2018311974	<b><u>B01D 17 /-</u></b>	<b><u>B01J 27 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B23P 19 /-</u></b>	<b><u>B29L 23 /-</u></b>
2018313435	2018295591	2018300916	2018307642	2018301332	2018303790
2018342784	2018295790	2018311391			2018303794
<b><u>A61Q 11 /-</u></b>	<b><u>B01D 21 /-</u></b>	2018311501	<b><u>B05B 7 /-</u></b>	<b><u>B25B 13 /-</u></b>	
2018316205	2018288385	<b><u>B01J 29 /-</u></b>	2018288387	2018301332	<b><u>B32B 1 /-</u></b>
<b><u>A61Q 15 /-</u></b>	<b><u>B01D 29 /-</u></b>	2018298234	<b><u>B05C 1 /-</u></b>	<b><u>B25B 23 /-</u></b>	2018292538
2018315033	2018288842	<b><u>B01J 37 /-</u></b>	2019292334	2018301332	<b><u>B32B 13 /-</u></b>
<b><u>A61Q 19 /-</u></b>	2018295591	2018311391	<b><u>B05C 5 /-</u></b>	<b><u>B25B 29 /-</u></b>	2018287258
2018315033	<b><u>B01D 3 /-</u></b>	2018311501	2018307642	2018301332	2018293219
<b><u>A61Q 5 /-</u></b>	2018341977	<b><u>B01J 38 /-</u></b>	<b><u>B05D 3 /-</u></b>	<b><u>B25H 3 /-</u></b>	<b><u>B32B 15 /-</u></b>
2018315033	<b><u>B01D 45 /-</u></b>	2018298136	2018320150	2018305812	2018292538
<b><u>A61Q 9 /-</u></b>	2018293565	<b><u>B01J 45 /-</u></b>	2018320412	<b><u>B25J 15 /-</u></b>	<b><u>B32B 27 /-</u></b>
2018315033	<b><u>B01D 46 /-</u></b>	2018359259	2018320413	2019244082	2018292437
<b><u>A62B 35 /-</u></b>	2018288842	<b><u>B01J 49 /-</u></b>	<b><u>B05D 5 /-</u></b>	<b><u>B25J 19 /-</u></b>	2018292538
2018313187	2018313187	2018359259	2018320150	2019244082	2018293219
2018303672	<b><u>B01D 5 /-</u></b>	<b><u>B01J 8 /-</u></b>	2018320412	<b><u>B25J 9 /-</u></b>	<b><u>B32B 29 /-</u></b>
<b><u>A62C 27 /-</u></b>	2018300250	2018298136	<b><u>B07B 15 /-</u></b>	2019244082	2018293219
2017424706	<b><u>B01D 53 /-</u></b>	2018298234	<b><u>B09C 1 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>B32B 3 /-</u></b>
2017425222	2018286313	<b><u>B01L 3 /-</u></b>	2017422126	<b><u>B26F 1 /-</u></b>	2018292437
<b><u>A62C 31 /-</u></b>	2018300250	2018288532		2018285962	<b><u>B32B 5 /-</u></b>
2017424706	2018305777	2018288533	<b><u>B22D 39 /-</u></b>	<b><u>B28B 11 /-</u></b>	2018304209
2017425222	2018359259	2018288535	2018302286	2018304209	<b><u>B32B 7 /-</u></b>
<b><u>A62C 37 /-</u></b>	<b><u>B01D 59 /-</u></b>	2018304182	<b><u>B22D 41 /-</u></b>	2018307642	<b><u>B32B 7 /-</u></b>
2017424706	2018289512	<b><u>B02C 19 /-</u></b>	2018324469	<b><u>B28B 7 /-</u></b>	2018292437
2017425222	<b><u>B01D 61 /-</u></b>	2018286638	<b><u>B22F 3 /-</u></b>	2018307642	2018292538
<b><u>A62D 3 /-</u></b>	2018285814	<b><u>B02C 9 /-</u></b>	2018317932	<b><u>B28D 7 /-</u></b>	2018293219
2018304153	2018291023	2017420202	<b><u>B23D 17 /-</u></b>	2018288842	<b><u>B33Y 10 /-</u></b>
<b><u>A62D 5 /-</u></b>	2018301375	<b><u>B03C 1 /-</u></b>	2018302427	<b><u>B29C 45 /-</u></b>	2018289930
2018304153	2018304150	2018306306	<b><u>B23D 21 /-</u></b>	2018299747	2018317932
<b><u>A63B 24 /-</u></b>	2018304075	<b><u>B03C 11 /-</u></b>	2018302427	<b><u>B29C 48 /-</u></b>	<b><u>B33Y 50 /-</u></b>
2018298017	<b><u>B01D 69 /-</u></b>	2018286638	<b><u>B23D 29 /-</u></b>	2018290910	2018317932
<b><u>A63B 31 /-</u></b>	2018286313	<b><u>B03D 1 /-</u></b>	2018302427	<b><u>B29C 53 /-</u></b>	<b><u>B33Y 70 /-</u></b>
2018300319	<b><u>B01D 71 /-</u></b>	2017422286	<b><u>B23D 35 /-</u></b>	2018288007	2018289930
<b><u>A63F 3 /-</u></b>	2018286313	2017422660	2018302427	2018303790	<b><u>B41F 11 /-</u></b>
2018286653	<b><u>B01F 5 /-</u></b>	2017422662	<b><u>B23K 10 /-</u></b>	2018303794	2018373640
<b><u>A63F 5 /-</u></b>	2018299920	2017422286	2018288646	<b><u>B29C 64 /-</u></b>	<b><u>B41F 31 /-</u></b>
2018321084	<b><u>B01J 19 /-</u></b>	2017422660	<b><u>B23K 101 /-</u></b>	2018289930	2018373640
<b><u>B01D 11 /-</u></b>	2018298234	2017422662	2018284377	2018317932	2018373640
2018303808	<b><u>B01J 23 /-</u></b>	<b><u>B04B 3 /-</u></b>	<b><u>B23K 9 /-</u></b>	2019239794	<b><u>B41F 7 /-</u></b>
<b><u>B01D 15 /-</u></b>	2018300916	2018353106	2018288647	<b><u>B29C 70 /-</u></b>	2018373640
2018291023	2018311391	<b><u>B04B 7 /-</u></b>		2018307802	<b><u>B41F 9 /-</u></b>
2018304177	2018311501	2018353106		<b><u>B29C 73 /-</u></b>	2018373640
				2018307802	

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<b><u>B41M 3 /-</u></b>	<b><u>B60S 1 /-</u></b>	2018298769	<b><u>B65G 1 /-</u></b>	<b><u>C01D 15 /-</u></b>	<b><u>C07B 61 /-</u></b>
2018289672 2018373640	2018308154	<b><u>B65B 55 /-</u></b>	2018304413	2018285391	2018300916
<b><u>B42D 25 /-</u></b>	<b><u>B60T 1 /-</u></b>	2018304070	<b><u>B65G 11 /-</u></b>	<b><u>C01D 3 /-</u></b>	<b><u>C07C 1 /-</u></b>
2018289672 2018373640	2017420133	<b><u>B65B 59 /-</u></b>	2018308716	2018285391	2018298234
<b><u>B42F 13 /-</u></b>	2017420133	2018298768 2018298769	2017432501 2018300061 2018314171	<b><u>C01G 41 /-</u></b>	<b><u>C07C 11 /-</u></b>
2018285962	<b><u>B60T 17 /-</u></b>	<b><u>B65B 67 /-</u></b>		<b><u>C02F 1 /-</u></b>	2018311391 2018311501
<b><u>B42F 3 /-</u></b>	2017427589	2018298768 2018298769	<b><u>B65G 21 /-</u></b>	2017421879 2017422126 2017424083 2018285814 2018288385 2018300250 2018301375	<b><u>C07C 15 /-</u></b>
2018285962	<b><u>B60W 30 /-</u></b>	<b><u>B65B 69 /-</u></b>	2018283881		2018306619
<b><u>B60C 23 /-</u></b>	2018301762	2018288820	<b><u>B65G 39 /-</u></b>		<b><u>C07C 2 /-</u></b>
2018301521	<b><u>B60W 40 /-</u></b>	<b><u>B65B 7 /-</u></b>	2018300061 2018314171		2018298234
<b><u>B60C 29 /-</u></b>	2018301762	2018298768 2018298769	<b><u>B65G 47 /-</u></b>	<b><u>C03C 10 /-</u></b>	<b><u>C07C 211 /-</u></b>
2018301521	<b><u>B60W 50 /-</u></b>	<b><u>B65D 19 /-</u></b>	2018283881 2018304413	2018299800	2018313850
<b><u>B60G 11 /-</u></b>	2018301762	2018313670	<b><u>B65G 53 /-</u></b>	<b><u>C03C 17 /-</u></b>	<b><u>C07C 217 /-</u></b>
2018308943	<b><u>B61B 13 /-</u></b>	<b><u>B65D 33 /-</u></b>	2018308716	2018302323	2018313850
<b><u>B60G 3 /-</u></b>	2018286471	2018304077	<b><u>B65H 45 /-</u></b>	<b><u>C03C 3 /-</u></b>	<b><u>C07C 233 /-</u></b>
2018308943	<b><u>B61G 7 /-</u></b>	<b><u>B65D 41 /-</u></b>	2018296065	2018299800	2018313850 2018323528
<b><u>B60J 7 /-</u></b>	2017434607	2018304912 2018309964 2018311200	<b><u>B65H 75 /-</u></b>	<b><u>C04B 40 /-</u></b>	<b><u>C07C 235 /-</u></b>
2018308943	<b><u>B61L 25 /-</u></b>	<b><u>B65D 47 /-</u></b>	2018298459	2018304209	2018323528
<b><u>B60K 7 /-</u></b>	2018311366	2018302386 2018304912 2018309062	<b><u>B82Y 40 /-</u></b>	<b><u>C04B 41 /-</u></b>	<b><u>C07C 255 /-</u></b>
2018303472	<b><u>B62D 24 /-</u></b>	<b><u>B65D 49 /-</u></b>	2018304182	2018307642	2018306606
<b><u>B60L 5 /-</u></b>	2018308943	2018311200	<b><u>B82Y 5 /-</u></b>	<b><u>C04B 7 /-</u></b>	<b><u>C07C 309 /-</u></b>
2018286471	<b><u>B62D 55 /-</u></b>	<b><u>B65D 5 /-</u></b>	2018304182	2018285391	2018292927
<b><u>B60P 1 /-</u></b>	2018302206	2018304912	<b><u>C01B 13 /-</u></b>	<b><u>C05C 9 /-</u></b>	<b><u>C07C 323 /-</u></b>
2018285364	<b><u>B62D 63 /-</u></b>	<b><u>B65D 51 /-</u></b>	2018288634	2018302519 2018304604	2018309334
<b><u>B60P 3 /-</u></b>	2018299207	2018302386 2018309062 2018311200	<b><u>C01B 21 /-</u></b>	<b><u>C05D 3 /-</u></b>	<b><u>C07C 4 /-</u></b>
2018288433 2018308943 2019264851	<b><u>B63C 11 /-</u></b>	<b><u>B65D 65 /-</u></b>	2018297668	2018302519 2018304604	2017289291
<b><u>B60Q 1 /-</u></b>	<b><u>B64C 3 /-</u></b>	2018292538	<b><u>C01B 3 /-</u></b>	<b><u>C05F 11 /-</u></b>	<b><u>C07C 5 /-</u></b>
2018299207	2018288008	<b><u>B65D 75 /-</u></b>	2018288634	2018287094	2018311391 2018311501
<b><u>B60Q 11 /-</u></b>	<b><u>B64C 39 /-</u></b>	2018304912	<b><u>C01B 39 /-</u></b>	<b><u>C05G 1 /-</u></b>	<b><u>C07C 65 /-</u></b>
2018299207	2018286646 2018288009	<b><u>B65D 77 /-</u></b>	2018286313	2018302519 2018304604	2018309334
<b><u>B60R 11 /-</u></b>	<b><u>B64F 5 /-</u></b>	2018304912	<b><u>C01C 1 /-</u></b>	<b><u>C05G 3 /-</u></b>	<b><u>C07C 69 /-</u></b>
2018301762	2018307802	<b><u>B65D 83 /-</u></b>	2018286313 2018297668 2018308712	2018385840	2018307945 2018309334
<b><u>B60R 16 /-</u></b>	<b><u>B65B 3 /-</u></b>	2018304912	<b><u>C01D 1 /-</u></b>	<b><u>C06B 25 /-</u></b>	<b><u>C07D 207 /-</u></b>
2018299207	2018304077	2018304912	2018285391	2017420106	2018306606
<b><u>B60R 21 /-</u></b>	<b><u>B65B 31 /-</u></b>	2018304912		<b><u>C06B 45 /-</u></b>	<b><u>C07D 213 /-</u></b>
2018301762	2018298768			2017420106	2018306606

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<b><u>C07D 231 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07H 1 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C10G 45 /-</u></b>	<b><u>C10N 50 /-</u></b>
2018302155	2018309334	2018338781	2018282735	2018329534	2018396335
2018306606	<b><u>C07D 407 /-</u></b>		2018303625		<b><u>C11D 1 /-</u></b>
2018311198	2018319577	<b><u>C07H 15 /-</u></b>	<b><u>C07K 7 /-</u></b>	<b><u>C10G 47 /-</u></b>	2018315033
<b><u>C07D 233 /-</u></b>	<b><u>C07D 409 /-</u></b>	2018283383	2018302855	2018329534	
2018311198	2018286873	2018294258	2018312956		<b><u>C12C 11 /-</u></b>
	2018309334	2018299427	2018328044	<b><u>C10G 55 /-</u></b>	2018304545
<b><u>C07D 237 /-</u></b>	2018319577	<b><u>C07H 21 /-</u></b>	<b><u>C08B 37 /-</u></b>	2017289291	<b><u>C12C 12 /-</u></b>
2018306606		2018301667	2018289438	<b><u>C10G 65 /-</u></b>	2018304545
2018311198	<b><u>C07D 411 /-</u></b>	2018335266	2018295686	2018329534	
	2018306606	2018338781	<b><u>C08F 120 /-</u></b>		<b><u>C12M 1 /-</u></b>
<b><u>C07D 239 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07H 3 /-</u></b>	2018285869	<b><u>C10G 7 /-</u></b>	2018298945
2018306606	2018286873	2018295686	<b><u>C08F 293 /-</u></b>	2018341977	2018320713
2018309085	2018289864	<b><u>C07J 43 /-</u></b>	2018296676	<b><u>C10M 117 /-</u></b>	<b><u>C12M 3 /-</u></b>
2018311198	2018319577	2018305612	<b><u>C08J 11 /-</u></b>	2018396335	2018319335
<b><u>C07D 241 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C07J 63 /-</u></b>	2017289291	<b><u>C10M 129 /-</u></b>	<b><u>C12N 1 /-</u></b>
2018311198	2018286873	2018290219	<b><u>C08K 3 /-</u></b>	2018352257	2018287094
<b><u>C07D 249 /-</u></b>	2018304907	<b><u>C07J 9 /-</u></b>	2018307822	<b><u>C10M 133 /-</u></b>	2018302641
2018311198	2018306606	2018307611	<b><u>C08L 33 /-</u></b>	2018352257	2018302647
<b><u>C07D 257 /-</u></b>	2018319577	<b><u>C07K 1 /-</u></b>	2018316817	<b><u>C10M 135 /-</u></b>	2018302668
2018309334	<b><u>C07D 471 /-</u></b>	2018299920	<b><u>C08L 53 /-</u></b>	2018396335	2018304545
	2018298733	2018304174	2018296676		2018338859
<b><u>C07D 261 /-</u></b>	2018301837	<b><u>C07K 14 /-</u></b>	<b><u>C09D 11 /-</u></b>	<b><u>C10M 137 /-</u></b>	<b><u>C12N 15 /-</u></b>
2018314741	2018306444	2018286984	2018316817	2018352257	2018288849
<b><u>C07D 277 /-</u></b>	2018319577	2018287317	<b><u>C08L 53 /-</u></b>	2018396335	2018289428
2018304907	<b><u>C07D 487 /-</u></b>	2018289428	2018296676		2018291006
	2018283383	2018293467	<b><u>C09D 11 /-</u></b>	2018352257	2018291023
<b><u>C07D 307 /-</u></b>	2018301672	2018303625	2018289672	2018396335	2018302647
2018309334	2018312349	2018308224	2018289930	<b><u>C10M 141 /-</u></b>	2018302668
2018311198	2018319577	2018317807	2018306306	2018352257	2018303104
	<b><u>C07D 489 /-</u></b>	2018322387	2018318952	<b><u>C10M 169 /-</u></b>	2018303111
<b><u>C07D 311 /-</u></b>	2018302253	<b><u>C07K 16 /-</u></b>	<b><u>C09D 189 /-</u></b>	2018308224	2018303625
2018289864	<b><u>C07D 491 /-</u></b>	2018287317	2018291000	2018310134	2018314605
	2018298733	2018288803	<b><u>C09D 193 /-</u></b>	2018316159	2018316205
<b><u>C07D 333 /-</u></b>	<b><u>C07D 495 /-</u></b>	2018289396	2018318952	2018335266	2018338859
2018309334	2018319577	2018289515	<b><u>C09D 5 /-</u></b>	<b><u>C10N 10 /-</u></b>	<b><u>C12N 5 /-</u></b>
		2018291702	2018291000	2018352257	2018285539
<b><u>C07D 401 /-</u></b>	<b><u>C07D 498 /-</u></b>	2018295118	2018307822	2018396335	2018287042
2018286873	2018291021	2018295119	2018320413		2018289428
2018304757	2018342784	2018301393	<b><u>C09K 17 /-</u></b>	<b><u>C10N 20 /-</u></b>	2018290634
2018304841		2018302097	2017422126	2018352257	2018300272
2018306606	<b><u>C07D 513 /-</u></b>	2018302110	<b><u>C10B 53 /-</u></b>	2018396335	2018302191
2018311976	2018319577	2018302283	2017289291		2018302647
2018317304		2018302647	<b><u>C10G 1 /-</u></b>	<b><u>C10N 30 /-</u></b>	2018302668
2018317833	<b><u>C07D 519 /-</u></b>	2018305209	2017289291	2018352257	2018313939
2018319577	2018306444	2018307610	<b><u>C10G 29 /-</u></b>	2018396335	2018319335
		2018308930	2017289291		2018320713
<b><u>C07D 403 /-</u></b>	<b><u>C07F 9 /-</u></b>	2018312441		<b><u>C10N 40 /-</u></b>	2018328044
2018286873	2018300916	2018313939	<b><u>C10G 1 /-</u></b>	2018352257	2018335266
2018304841	2018342784	2018314227	2017289291	2018396335	2018338859
2018306606		2018335266			<b><u>C12N 7 /-</u></b>
2018312349		2018338859			2018299920

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<b><u>C12N 9/-</u></b>	<b><u>C22B 3/-</u></b>	<b><u>E03F 5/-</u></b>	<b><u>E21B 25/-</u></b>	<b><u>F16B 31/-</u></b>	<b><u>F21V 8/-</u></b>
2018287145	2018299849		2018299229	2018301332	2018297141
2018295686	2018303808	2018288385			
2018295994	2018310744		<b><u>E21B 29/-</u></b>	<b><u>F16B 37/-</u></b>	<b><u>F21Y 115/-</u></b>
2018308684	2018317930	<b><u>E04B 1/-</u></b>	2018301183	2017426048	2018295457
2018310134		2018286637			
	<b><u>C22C 38/-</u></b>	2018291609	<b><u>E21B 33/-</u></b>	<b><u>F16B 7/-</u></b>	<b><u>F23C 3/-</u></b>
<b><u>C12P 13/-</u></b>	2018309964		2017440218	2018286637	2018297399
2018310134		<b><u>E04B 2/-</u></b>	2018299733		
	<b><u>C23C 16/-</u></b>	2018307642	2018301183	<b><u>F16C 13/-</u></b>	<b><u>F23D 14/-</u></b>
<b><u>C12P 19/-</u></b>	2018284377		<b><u>E21B 34/-</u></b>	2018314171	2018297399
2018294258		<b><u>E04C 1/-</u></b>			
2018295686	<b><u>C25B 1/-</u></b>	2018307642	2018298056	<b><u>F16C 32/-</u></b>	2018297399
	2018308712		2018299733		
<b><u>C12P 21/-</u></b>		<b><u>E04F 10/-</u></b>		2018307363	<b><u>F23G 5/-</u></b>
2018302647	<b><u>C25D 7/-</u></b>	2018303472	<b><u>E21B 37/-</u></b>	<b><u>F16D 121/-</u></b>	2018285475
2018314605	2018291351				
2018338859		<b><u>E04F 15/-</u></b>	2018373385	2018355113	<b><u>F23G 7/-</u></b>
	<b><u>C30B 7/-</u></b>	2018287258			2018285475
<b><u>C12Q 1/-</u></b>	2018312956		<b><u>E21B 41/-</u></b>	<b><u>F16D 59/-</u></b>	<b><u>F24C 1/-</u></b>
2018288533		<b><u>E04G 21/-</u></b>	2017432599		2018285556
2018288535	<b><u>C40B 20/-</u></b>	2018304209	2018286423	2018355113	
2018288849	2018291006		<b><u>E21B 43/-</u></b>	<b><u>F16D 61/-</u></b>	<b><u>F24C 3/-</u></b>
2018289396		<b><u>E04H 1/-</u></b>	2017434041	2017420133	2018285556
2018289410	<b><u>D05B 45/-</u></b>	2018291609			
2018289512	2018320809		<b><u>E21B 47/-</u></b>	<b><u>F16D 63/-</u></b>	<b><u>F24C 5/-</u></b>
2018291006		<b><u>E04H 17/-</u></b>	2017432599	2017420133	2018285556
2018297719	<b><u>D06J 1/-</u></b>	2018289387	2018308383		
2018299427	2018288004		<b><u>E21B 49/-</u></b>	<b><u>F16D 65/-</u></b>	<b><u>F24C 9/-</u></b>
2018299445	<b><u>D06M 15/-</u></b>	<b><u>E05B 73/-</u></b>	2018299229	2017425665	2018297399
2018300159	2018316817	2018301688	2018306617	<b><u>F16F 7/-</u></b>	<b><u>F24D 1/-</u></b>
2018302641		<b><u>E05D 15/-</u></b>			2018303336
2018303111	<b><u>D07B 1/-</u></b>	2018315509	<b><u>E21D 20/-</u></b>	2018303672	
2018304381	2018291351		2017425150	<b><u>F16G 1/-</u></b>	<b><u>F24F 11/-</u></b>
2018304458		<b><u>E05F 3/-</u></b>			2017431039
2018305609	<b><u>E01C 13/-</u></b>	2018286978	<b><u>E21D 21/-</u></b>	<b><u>F16H 33/-</u></b>	<b><u>F24F 3/-</u></b>
2018312117	2018296004		2017425150		2018305777
2018318927	<b><u>E01F 7/-</u></b>	<b><u>E06B 7/-</u></b>	<b><u>F01D 5/-</u></b>	2017420133	
2018333813		2018303472	2017420202	<b><u>F16H 37/-</u></b>	<b><u>F24S 80/-</u></b>
2018338781	2018303672				2018297399
	<b><u>E02D 29/-</u></b>	<b><u>E21B 17/-</u></b>	<b><u>F02K 9/-</u></b>	2018300061	
<b><u>C12R 1/-</u></b>	2018307642	2017440218	2018307878	<b><u>F16H 7/-</u></b>	<b><u>F25D 17/-</u></b>
2018287094		2018304297			2018295869
2018304545	<b><u>E02D 3/-</u></b>	2018304298	<b><u>F02K 99/-</u></b>	2018300061	
	2018285912	2018373385		<b><u>F16K 3/-</u></b>	<b><u>F25D 23/-</u></b>
<b><u>C21D 9/-</u></b>		<b><u>E21B 19/-</u></b>	2018307878		2017430066
2018309964	<b><u>E02D 5/-</u></b>	2018303848	<b><u>F03H 99/-</u></b>	2018300203	
	2018307642	2018304297		<b><u>F16K 31/-</u></b>	<b><u>F25D 29/-</u></b>
<b><u>C22B 1/-</u></b>		2018304298	<b><u>F04D 29/-</u></b>	2018297275	2018295869
2018286638	<b><u>E03B 3/-</u></b>	2018373385		2018300203	
	2018285912	<b><u>E21B 21/-</u></b>	2018307878		
<b><u>C22B 11/-</u></b>		2018404625	<b><u>F04D 7/-</u></b>	<b><u>F16K 37/-</u></b>	<b><u>F26B 11/-</u></b>
2018303808	<b><u>E03B 7/-</u></b>				2017424295
2018310744	2018300250	<b><u>E21B 23/-</u></b>	2018302286	2018300203	
2018317930		2018298056		<b><u>F16K 7/-</u></b>	<b><u>F26B 21/-</u></b>
<b><u>C22B 15/-</u></b>	2017425150		<b><u>F04D 29/-</u></b>		2017424295
2018317930	2018285912			2018300203	
	2018345052		2018302286		
<b><u>C22B 26/-</u></b>		<b><u>E21B 23/-</u></b>		<b><u>F16K 7/-</u></b>	<b><u>F26B 21/-</u></b>
2018299849		2018298056	2018302286		2017424295
2018304150	<b><u>E03B 7/-</u></b>			2018300203	
	2018304721				



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<b>F26B 25 /-</b>	<b>G01N 1 /-</b>	<b>G01S 5 /-</b>	<b>G06K 7 /-</b>	<b>G07C 9 /-</b>	<b>H01L 31 /-</b>
2017424295	2018306428 2018310744	2018341697	2018304374	2018293402	2018301162
<b>F26B 5 /-</b>	<b>G01N 15 /-</b>	<b>G02B 1 /-</b>	<b>G06K 9 /-</b>	<b>G07D 9 /-</b>	<b>H01L 41 /-</b>
2018301395 2018304070	2018302191 2018310744	2018312252	2018311661 2018313841	2018285976	2017418218 2017420280
<b>F27B 14 /-</b>	<b>G01N 21 /-</b>	<b>G02B 21 /-</b>	<b>G06M 15 /-</b>	<b>G08B 13 /-</b>	<b>H01M 10 /-</b>
2018302286	2018328212 2018334414	2018287064	2018301643	2018285976 2018301688	2018284377 2018368199
<b>F28D 13 /-</b>	<b>G01N 23 /-</b>		<b>G06N 3 /-</b>	<b>G08B 21 /-</b>	<b>H01M 2 /-</b>
2018298136	2018304177 2019284097	2017418553 2018285543 2018295457 2018304186	2017434041 2018298030	2018286646	2018284377 2018368199
<b>F28D 7 /-</b>	<b>G01N 27 /-</b>	<b>G02B 5 /-</b>	<b>G06N 7 /-</b>	<b>G09F 21 /-</b>	<b>H01M 4 /-</b>
2018297399	2017424083	2018289722 2018312252	2018301643	2018283450	2018297173 2018297321
<b>F28F 13 /-</b>	<b>G01N 29 /-</b>	<b>G02B 6 /-</b>	<b>G06Q 10 /-</b>	<b>G09F 3 /-</b>	<b>H01P 1 /-</b>
2018297399	2017432180	2018297141 2018304374	2018285963 2018286471 2018299827 2018301312 2018303583	2018283450	2018316494
<b>F41A 15 /-</b>	<b>G01N 31 /-</b>	<b>G02C 7 /-</b>	<b>G06Q 30 /-</b>	<b>G10K 11 /-</b>	<b>H01P 5 /-</b>
2018307946	2018306824 2018318927 2018359259	2018312252	2018299827 2018301312 2018308370 2018326573	2018312332	2018316494
<b>F41A 3 /-</b>	<b>G01N 33 /-</b>	<b>G04F 13 /-</b>	<b>G06Q 40 /-</b>	<b>G10L 17 /-</b>	<b>H01R 13 /-</b>
2018307946	2017424083 2018279743 2018285856 2018287319 2018289396 2018289512 2018295118 2018297856 2018298890 2018299427 2018302641 2018302647 2018303249 2018304458 2018306617 2018310744 2018312441 2018318927 2018328212 2018333813	2018300199	2018282638 2018282639 2018285976 2018286471 2018298017 2018299827 2018322969	2018306939	2018314185
<b>F41A 9 /-</b>	<b>G01N 35 /-</b>	<b>G05B 19 /-</b>	<b>G06Q 50 /-</b>	<b>G10L 19 /-</b>	<b>H01R 25 /-</b>
2018307946	2018293402 2018301083 2018301643 2018326573	2018308383	2018282638 2018282639 2018285976 2018286471 2018298017 2018299827 2018322969	2018308668	2018314185
<b>F42B 27 /-</b>	<b>G01N 9 /-</b>	<b>G05D 1 /-</b>	<b>G06T 1 /-</b>	<b>G10L 21 /-</b>	<b>H02G 3 /-</b>
2018298598	2018303111	2018286471 2018303561	2018286646 2018301160	2018308668	2018306532 2018307695 2018319712
<b>F42B 8 /-</b>	<b>G01R 31 /-</b>	<b>G06F 11 /-</b>	<b>G06T 11 /-</b>	<b>G16B 20 /-</b>	<b>H02J 13 /-</b>
2018298598	2018299207 2018368199	2018311366	2017420781	2018289410	2018288516
<b>G01C 13 /-</b>	<b>G01S 19 /-</b>	<b>G06F 16 /-</b>	<b>G06T 19 /-</b>	<b>G16H 10 /-</b>	<b>H02J 3 /-</b>
2018301160	2018341697	2017431351 2018279838 2018299512	2018322969	2019239794	2018288516
<b>G01C 19 /-</b>		<b>G06F 21 /-</b>	<b>G06T 5 /-</b>	<b>G16H 20 /-</b>	<b>H02J 4 /-</b>
2017420133		2018293402 2018301083 2018301643 2018326573	2018286646 2018301160	2018285963	2018300336
<b>G01C 21 /-</b>		<b>G06F 30 /-</b>	<b>H01F 1 /-</b>	<b>G16H 30 /-</b>	<b>H02J 5 /-</b>
2018313030		2018286423	2018306306	2018298890	2018297275
<b>G01F 15 /-</b>		<b>G06F 9 /-</b>	<b>H01H 1 /-</b>	<b>H01F 1 /-</b>	<b>H02J 7 /-</b>
2018304721		2018299827	2018290188	2018306306	2018285541 2018297275
<b>G01J 3 /-</b>		<b>G06K 19 /-</b>	<b>H01H 5 /-</b>	<b>H01H 1 /-</b>	<b>H02K 1 /-</b>
2018309402		2018293402	2018290188	2018290188	2018303472
<b>G01K 3 /-</b>			<b>H02J 50 /-</b>	<b>H01H 37 /-</b>	<b>H02K 11 /-</b>
2018300199			2018297275	2018290188	2018285541 2018297275
<b>G01M 3 /-</b>			<b>H02K 1 /-</b>	<b>G06T 7 /-</b>	<b>H02K 11 /-</b>
2018304721			2018303472	2018285976 2018286646 2018298890	2018302693 2018303472

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2018306290	<b><u>H04B 13 /-</u></b>	<b><u>H04N 7 /-</u></b>	<b><u>H05H 1 /-</u></b>
<b><u>H02K 29 /-</u></b>	2018301161	2017426445	2018288634
2018303472	<b><u>H04B 7 /-</u></b>	2018285976	2018288646
<b><u>H02K 5 /-</u></b>	2018341697	<b><u>H04R 15 /-</u></b>	<b><u>H05K 7 /-</u></b>
2018302693	<b><u>H04J 11 /-</u></b>	2017420280	2018302693
2018303472	2018290504	<b><u>H04R 17 /-</u></b>	
2018306290	<b><u>H04L 1 /-</u></b>	2017418218	
<b><u>H02K 53 /-</u></b>	2018295221	2017420280	
2018292705	2018303017	<b><u>H04S 3 /-</u></b>	
<b><u>H02K 7 /-</u></b>	<b><u>H04L 12 /-</u></b>	2018308668	
2018303472	2018288502	<b><u>H04W 12 /-</u></b>	
<b><u>H02K 9 /-</u></b>	2018289918	2018289918	
2018302693	2018302245	2018289918	
2018303472	2018303662	<b><u>H04W 24 /-</u></b>	
2018306290	2018307326	2017429195	
<b><u>H02M 5 /-</u></b>	<b><u>H04L 27 /-</u></b>	2017435625	
2018300336	2018290504	<b><u>H04W 28 /-</u></b>	
<b><u>H02M 7 /-</u></b>	2018320868	2018289916	
2018306290	<b><u>H04L 29 /-</u></b>	<b><u>H04W 36 /-</u></b>	
<b><u>H02P 25 /-</u></b>	2017428944	2017429195	
2017424860	2018288502	2018287591	
<b><u>H02P 3 /-</u></b>	2018293402	<b><u>H04W 4 /-</u></b>	
2018295871	2018298030	2018302245	
<b><u>H02P 6 /-</u></b>	2018299827	2018308383	
2018295871	2018301781	2018313030	
2018300408	2018303563	<b><u>H04W 48 /-</u></b>	
2018306290	2018306521	2017429195	
<b><u>H02S 20 /-</u></b>	2018307326	<b><u>H04W 52 /-</u></b>	
2018289521	2018308383	2017435625	
<b><u>H02S 30 /-</u></b>	<b><u>H04L 5 /-</u></b>	2018286309	
2018289521	2017426866	<b><u>H04W 72 /-</u></b>	
<b><u>H02S 40 /-</u></b>	2018287868	2018286309	
2018289521	2018303017	2018290504	
<b><u>H03M 13 /-</u></b>	2018320868	2018303017	
2018287509	<b><u>H04M 1 /-</u></b>	2018362257	
2018305459	2018301643	2018364128	
<b><u>H04B 1 /-</u></b>	2018323559	<b><u>H04W 74 /-</u></b>	
2018290504	<b><u>H04M 3 /-</u></b>	2018322456	
2018293400	2018301643	<b><u>H04W 76 /-</u></b>	
<b><u>H04B 10 /-</u></b>	2018306939	2018289655	
2018301161	<b><u>H04N 19 /-</u></b>	2018289918	
2018301162	2018303643	<b><u>H04W 80 /-</u></b>	
	2018322042	2017428944	
	2018332398	2018302245	
	<b><u>H04N 21 /-</u></b>		
	2018303643		
	2018304058		
	<b><u>H04N 5 /-</u></b>		
	2018285976		
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**(74)** FPA Patent Attorneys Pty Ltd

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*A23N 12/08* ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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*A01N 25/04* ( 2006.01 )  
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*A01N 37/18* ( 2006.01 )  
*A01N 43/653* ( 2006.01 )  
*A01N 47/24* ( 2006.01 )  
*A01P 3/00* ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(51)** Int. Cl.  
**C07K 14/32** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/43** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
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**(51)** Int. Cl.  
**F21S 8/00** ( 2006.01 )  
**G02F 1/13357** ( 2006.01 )  
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**(51)** Int. Cl.  
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**A61K 31/275** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07C 251/24** ( 2006.01 )  
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**(71)** Boston Scientific Scimed, Inc.  
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**(51)** Int. Cl.  
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**A61M 25/01** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 17/128** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/122** ( 2006.01 )  
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**(51)** Int. Cl.  
**G01V 1/145** ( 2006.01 )  
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**(51)** Int. Cl.  
**A24F 47/00** ( 2006.01 )  
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**(54)** Method for manufacturing pressure vessel having in-mold label and stereoscopic shape  
**(51)** Int. Cl.  
**B29C 49/24** ( 2006.01 )  
**B65D 1/02** ( 2006.01 )  
**B65D 1/40** ( 2006.01 )  
**B65D 25/20** ( 2006.01 )  
**F16J 12/00** ( 2006.01 )  
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**B44F 9/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**G03G 15/00** ( 2006.01 )

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**(21)** 2019200918 **(22)** 08.02.2019  
**(54)** Cartridge, and electrophotographic image forming apparatus which uses cartridge  
**(51)** Int. Cl.  
**G03G 15/08** ( 2006.01 )  
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**(51)** Int. Cl.  
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**B67D 7/38** ( 2010.01 )  
**B67D 7/40** ( 2010.01 )  
**B67D 7/78** ( 2010.01 )  
**E04H 1/12** ( 2006.01 )  
**F17C 1/00** ( 2006.01 )  
**(87)** WO2017/139312  
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**(51)** Int. Cl.  
**A61N 1/365** ( 2006.01 )  
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**G01J 3/46** ( 2006.01 )  
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*C07K 14/005* ( 2006.01 )  
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*C07C 227/34* ( 2006.01 )  
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**The Penn State Research Foundation see  
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Wirtgen GmbH see Betek GmbH & Co. KG  
 (21) 2016304316

(71) Worldwide Oilfield Machine, Inc.  
 (11) AU-B-2015336980  
 (21) 2015336980 (22) 07.10.2015  
 (54) Compact cutting system and method  
 (51) Int. Cl.  
*E21B 29/00* ( 2006.01 )  
*E21B 29/08* ( 2006.01 )  
*E21B 33/06* ( 2006.01 )  
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 (31) 14/518,404 (32) 20.10.14 (33) US  
 (43) 28.04.2016  
 (44) 06.02.2020  
 (72) Rao, Reddi Udaya Bhaskara; McCreadie, Tom  
 (74) Shelston IP Pty Ltd.

(71) XCath, Inc.; The Board of Regents of The University of Texas System  
 (11) AU-B-2018394075  
 (21) 2018394075 (22) 20.12.2018  
 (54) Steerable surgical robotic system  
 (51) Int. Cl.  
*A61B 34/30* ( 2016.01 )  
*A61B 34/00* ( 2016.01 )  
*A61M 25/01* ( 2006.01 )  
*A61M 25/09* ( 2006.01 )  
 (87) WO2019/133438  
 (31) 62/612,233 (32) 29.12.17 (33) US  
 (43) 04.07.2019  
 (44) 06.02.2020  
 (72) Kim, Daniel H.; Shin, Dong Suk; Jang, Taeho; Park, Yongman; Lee, Jeihan; Kim, Hongmin; Nam, Kihoon; Lee, Jaeyeon; Palmre, Viljar; Shim, Younghee; Patel, Bhavik  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Yin, J.; Hangzhou Sanyintai Pharmaceutical Technology Co., Ltd.  
 (11) AU-B-2017287553  
 (21) 2017287553 (22) 29.06.2017  
 (54) IMIDAZOPYRAZINAMINE PHENYL DERIVATIVE AND USE THEREOF  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 19/04* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*A61P 37/08* ( 2006.01 )  
 (87) WO2018/001331  
 (31) 201610533291.X (32) 30.06.16 (33) CN  
 201611062661.2 25.11.16 CN  
 (43) 04.01.2018  
 (44) 06.02.2020  
 (72) Yin, Jianming; Lv, Yubin; Li, Bangliang  
 (74) FPA Patent Attorneys Pty Ltd

(71) Yoshino Gypsum Co., Ltd.  
 (11) AU-B-2015406757  
 (21) 2015406757 (22) 26.08.2015  
 (54) Mixer and mixing method  
 (51) Int. Cl.  
*B28C 5/16* ( 2006.01 )

Applications Accepted - Name Index cont'd

**B01F 7/26** ( 2006.01 )  
**B01F 15/02** ( 2006.01 )  
**B28C 7/16** ( 2006.01 )  
**(87)** WO2017/033302  
**(43)** 02.03.2017  
**(44)** 06.02.2020  
**(72)** Sudo, Ushio; Nakamura, Wataru; Ishi-  
 bashi, Seigo; Tani, Hirokuni  
**(74)** Spruson & Ferguson

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**(71)** Yupo Corporation  
**(11)** AU-B-2017293206  
**(21)** 2017293206 **(22)** 07.07.2017  
**(54)** Electrostatic adsorbable laminated  
 sheet and display material  
**(51)** Int. Cl.  
**G09F 3/04** ( 2006.01 )  
**B32B 7/06** ( 2006.01 )  
**(87)** WO2018/008755  
**(31)** 2016-136405 **(32)** 08.07.16 **(33)** JP  
**(43)** 11.01.2018  
**(44)** 06.02.2020  
**(72)** Sugamata, Yutaro; Koike, Hiroshi  
**(74)** Spruson & Ferguson

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**(71)** Zhao, F.  
**(11)** AU-B-2016333281  
**(21)** 2016333281 **(22)** 28.09.2016  
**(54)** Angle-adjustable positioning and self-  
 closing hinge for highly sealed door  
**(51)** Int. Cl.  
**E05F 1/06** ( 2006.01 )  
**E05D 11/10** ( 2006.01 )  
**(87)** WO2017/054728  
**(31)** 201610794539.8 **(32)** 31.08.16 **(33)** CN  
 201510631334.3 29.09.15 CN  
 201520761852.2 29.09.15 CN  
**(43)** 06.04.2017  
**(44)** 06.02.2020  
**(72)** Wu, Yulong  
**(74)** Shelston IP Pty Ltd.

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**(71)** Zhou, X.  
**(11)** AU-B-2015230466  
**(21)** 2015230466 **(22)** 10.03.2015  
**(54)** INTERDENTAL BRUSH  
**(51)** Int. Cl.  
**A61C 15/00** ( 2006.01 )  
**A46B 15/00** ( 2006.01 )  
**(87)** WO2015/135459  
**(31)** 201410108525.7 **(32)** 21.03.14 **(33)** CN  
 201420112850.6 12.03.14 CN  
 201410091268.0 12.03.14 CN  
 201420132867.8 21.03.14 CN  
**(43)** 17.09.2015  
**(44)** 06.02.2020  
**(72)** Zhou, Xing  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Zimmer, Inc.  
**(11)** AU-B-2017376662  
**(21)** 2017376662 **(22)** 06.12.2017  
**(54)** Implants with frangible fastener port  
 plugs  
**(51)** Int. Cl.  
**A61F 2/30** ( 2006.01 )

**A61F 2/34** ( 2006.01 )  
**(87)** WO2018/111651  
**(31)** 62/432,948 **(32)** 12.12.16 **(33)** US  
**(43)** 21.06.2018  
**(44)** 06.02.2020  
**(72)** Macke, Jacob; Krebs, Robert D.;  
 Furore, Adam  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Zimmer, Inc.  
**(11)** AU-B-2018253614  
**(21)** 2018253614 **(22)** 26.10.2018  
**(54)** POLYAXIAL LOCKING MECHANISM  
**(51)** Int. Cl.  
**A61B 17/80** ( 2006.01 )  
**A61B 17/86** ( 2006.01 )  
**(43)** 22.11.2018  
**(44)** 06.02.2020  
**(62)** 2014306747  
**(72)** Terrill, Lance Nathan; Schultz, Matthew  
 David; Rindal, Bjorn N.  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Zodiac Pool Systems, Inc.  
**(11)** AU-B-2018204452  
**(21)** 2018204452 **(22)** 20.06.2018  
**(54)** Devices and methods for monitoring  
 water flow through a chlorine-generat-  
 ing or other assembly  
**(51)** Int. Cl.  
**C02F 1/467** ( 2006.01 )  
**C02F 103/42** ( 2006.01 )  
**(43)** 12.07.2018  
**(44)** 06.02.2020  
**(62)** 2015206377  
**(72)** Heng, Hwa Leung; Asplund, Richard  
**(74)** FB Rice Pty Ltd

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**(71)** Zoetis Services LLC  
**(11)** AU-B-2016218301  
**(21)** 2016218301 **(22)** 04.02.2016  
**(54)** Lift assembly for processing eggs, and  
 associated method  
**(51)** Int. Cl.  
**A01K 43/00** ( 2006.01 )  
**A01K 45/00** ( 2006.01 )  
**(87)** WO2016/130388  
**(31)** 62/113,646 **(32)** 09.02.15 **(33)** US  
**(43)** 18.08.2016  
**(44)** 06.02.2020  
**(72)** Rees, Daniel Scott  
**(74)** Davies Collison Cave Pty Ltd

Numerical Index

<b>2013403046</b>	Supremol GmbH	<b>2015262953</b>	Fisher & Paykel Healthcare Limited
<b>2013408189</b>	Mixers Australia Pty Ltd; Downer Edi Mining - Blasting Services Pty Ltd	<b>2015264457</b>	Microsoft Technology Licensing, LLC
<b>2014200609</b>	MycuDART, Inc.	<b>2015264901</b>	Snap-On Incorporated
<b>2014202173</b>	Star Generation Limited Taiwan Branch	<b>2015266619</b>	Applied Medical Resources Corporation
<b>2014210369</b>	Murdoch Childrens Research Institute	<b>2015266705</b>	Hollister Incorporated
<b>2014212152</b>	The Regents of the University of California	<b>2015270111</b>	Debiopharm International SA
<b>2014245779</b>	Medicago Inc.	<b>2015270893</b>	Microsoft Technology Licensing, LLC
<b>2014262229</b>	AMERICAN GREETINGS CORPORATION	<b>2015271052</b>	Microsoft Technology Licensing, LLC
<b>2014262676</b>	LexisNexis, A Division of Reed Elsevier Inc.	<b>2015271702</b>	Ridder, D.D.
<b>2014265749</b>	Google LLC	<b>2015274427</b>	University of Rochester
<b>2014284130</b>	Ti2 Medical Pty Ltd	<b>2015277348</b>	Duracell U.S. Operations Inc.
<b>2014287044</b>	Genentech, Inc.	<b>2015278874</b>	Rio Tinto Alcan International Limited
<b>2014287090</b>	The Johns Hopkins University	<b>2015283164</b>	Schierack Green Technology GmbH
<b>2014296023</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services; The Penn State Research Foundation	<b>2015286215</b>	Res, G.
<b>2014301629</b>	Numab Therapeutics AG	<b>2015289081</b>	Transgene SA
<b>2014308920</b>	Regeneron Pharmaceuticals, Inc.	<b>2015292356</b>	Celgene International II Sarl
<b>2014309742</b>	NRL Pharma, Inc.	<b>2015293384</b>	Noritz Corporation
<b>2014314079</b>	Collectis	<b>2015301354</b>	Ecolab USA Inc.
<b>2014314152</b>	Promethera Biosciences S.A./N.V.	<b>2015302059</b>	NextGen Jane, Inc.
<b>2014318017</b>	Amgen Inc.	<b>2015302108</b>	Ecolab USA Inc.
<b>2014318025</b>	Peloton Therapeutics, Inc.	<b>2015306060</b>	Hiram (WA) Pty Ltd
<b>2014318564</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2015307324</b>	Switchfloat Holdings Limited
<b>2014324092</b>	University of Canberra	<b>2015312886</b>	Nippon Shinyaku Co., Ltd.
<b>2014329606</b>	Dana-Farber Cancer Institute, Inc.	<b>2015316535</b>	Silk Water Solutions Inc.
<b>2014329788</b>	President and Fellows of Harvard College	<b>2015319809</b>	The Regents of the University of California
<b>2014331923</b>	Research Development Foundation	<b>2015321928</b>	Qualcomm Incorporated
<b>2014333391</b>	Cellect Biotherapeutics Ltd.	<b>2015323547</b>	Plasmabiotics
<b>2014336254</b>	Sanofi	<b>2015325779</b>	Kondoh Industries, Ltd.
<b>2014343321</b>	Pfizer Inc.	<b>2015326517</b>	InspireMD, Ltd.
<b>2014346840</b>	Mayo Foundation for Medical Education and Research	<b>2015332506</b>	ICB Pharma
<b>2014353891</b>	Saluda Medical Pty Ltd	<b>2015333611</b>	Boehringer Ingelheim International GmbH
<b>2014359194</b>	Galderma Research & Development	<b>2015334916</b>	Janssen Pharmaceutica NV
<b>2014360653</b>	Faigen, P.	<b>2015336980</b>	Worldwide Oilfield Machine, Inc.
<b>2014364882</b>	Ab Initio Technology LLC	<b>2015339576</b>	Aseko, Inc.
<b>2014367637</b>	Hyundai Motor Company	<b>2015339738</b>	Alcon Inc.
<b>2014368971</b>	Evoform, Inc.	<b>2015340110</b>	Fugro N.V.
<b>2014374107</b>	Johnson & Johnson Consumer Companies, Inc.	<b>2015342017</b>	Bayer Pharma Aktiengesellschaft
<b>2014377562</b>	Microsoft Technology Licensing, LLC	<b>2015343669</b>	Qualcomm Incorporated
<b>2014384162</b>	Nanopix Integrated Software Solutions Private Limited	<b>2015349899</b>	Merck Patent GmbH
<b>2014386694</b>	Synaptive Medical (Barbados) Inc.	<b>2015349969</b>	Insmed Incorporated
<b>2014396061</b>	Ambev S/A.	<b>2015352440</b>	Spero Therapeutics, Inc.
<b>2015200145</b>	Tata Consultancy Services Ltd.	<b>2015353690</b>	Kimberly-Clark Worldwide, Inc.
<b>2015200255</b>	Caterpillar Inc.	<b>2015355127</b>	Wilcox Industries Corp.
<b>2015201594</b>	Fujitsu General Limited	<b>2015357587</b>	MM Technology Holdings, LLC
<b>2015204037</b>	The Coca-Cola Company	<b>2015359548</b>	Qbo Coffee GmbH
<b>2015207673</b>	The Sydney Children's Hospitals Network (Randwick and Westmead)	<b>2015381191</b>	Panasonic Intellectual Property Corporation of America
<b>2015209432</b>	BP Corporation North America, Inc.	<b>2015401733</b>	Australian Rural Dehydration Enterprises Pty Ltd
<b>2015215550</b>	Medicinal Chemistry Pharmaceuticals, Co., Ltd.	<b>2015406757</b>	Yoshino Gypsum Co., Ltd.
<b>2015221437</b>	Thales Management & Services Deutschland GmbH	<b>2015413329</b>	ViaSat, Inc.
<b>2015224438</b>	Johnson & Johnson Consumer Inc.	<b>2015416630</b>	Telefonaktiebolaget LM Ericsson (publ)
<b>2015224442</b>	Johnson & Johnson Consumer Inc.	<b>2016200148</b>	Covidien LP
<b>2015224444</b>	Johnson & Johnson Consumer Inc.	<b>2016200164</b>	Covidien LP
<b>2015225867</b>	University Health Network	<b>2016200265</b>	Covidien LP
<b>2015229434</b>	IEX Group, Inc.	<b>2016201282</b>	Starmark Pet Products, Inc.
<b>2015230466</b>	Zhou, X.	<b>2016201283</b>	Starmark Pet Products, Inc.
<b>2015230855</b>	Fujitsu General Limited	<b>2016203138</b>	Deere & Company
<b>2015231331</b>	Uber Technologies, Inc.	<b>2016203656</b>	Nearmedic International Limited
<b>2015236340</b>	Bioverativ Therapeutics Inc.	<b>2016204643</b>	Den Di De Nora Paolo
<b>2015240461</b>	H & M Innovations, LLC	<b>2016211357</b>	Cambria Company LLC
<b>2015241034</b>	CEPHEID	<b>2016211795</b>	Qualcomm Incorporated
<b>2015246625</b>	Northern Sydney Local Health District	<b>2016212115</b>	Société des Produits Nestlé S.A.
<b>2015255229</b>	CSR Building Products Limited	<b>2016218301</b>	Zoetis Services LLC
<b>2015255631</b>	Saluda Medical Pty Ltd	<b>2016219517</b>	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California
<b>2015256600</b>	Alcon Inc.	<b>2016226500</b>	Qualcomm Incorporated
		<b>2016226593</b>	Salesforce.com, Inc.
		<b>2016228813</b>	Medicomp, Inc.

## Applications Accepted - Numerical Index cont'd

2016229094	Board of Regents, The University of Texas System	2017229475	Typhon Technology Solutions, LLC
2016230118	NBC Meshtec Inc.	2017229495	Quidel Cardiovascular Inc.
2016235615	Depuy Ireland Unlimited Company	2017232631	The Sherwin-Williams Company
2016236364	Société des Produits Nestlé S.A.	2017232933	iFetch, LLC
2016239537	BASF SE	2017234450	Exxonmobil Upstream Research Company
2016243916	Tibbott, G.; Krishnan, N.	2017237260	Enhancer Pro, Inc.
2016245369	BAE Systems plc	2017237543	Seoul National University R&DB Foundation; Institut Pasteur Korea
2016249850	Tecniplast S.p.A.	2017239475	Agventure B.V.
2016254448	Medtrade Products Limited	2017240034	The Procter & Gamble Company
2016256433	B. Braun Medical Inc.	2017252398	Engineered Arresting Systems Corporation
2016264870	IFM Electronic GmbH	2017262812	Stamcarbon B.V.
2016267612	Gas Technology Institute	2017262892	Huawei Technologies Co., Ltd.
2016269359	Jiangsu Hengrui Medicine Co., Ltd.	2017265028	Novintum Medical Technology GmbH
2016273191	SICPA HOLDING SA	2017265137	Alexion Pharmaceuticals, Inc.
2016273461	Samsung Electronics Co., Ltd.	2017265175	Gallant, E.
2016274145	Raytheon Company	2017268542	KCI Licensing, Inc.
2016275360	Glenmark Pharmaceuticals S.A.	2017269148	Amsted Rail Company, Inc.
2016275735	Novo Nordisk A/S	2017269685	Intel Corporation
2016278316	Sharp Kabushiki Kaisha	2017279624	Nogra Pharma Limited
2016280678	Nuovo Pignone Tecnologie Srl	2017279788	Hayward Industries, Inc.
2016285692	Stingray Watering System, LLC	2017279789	Hayward Industries, Inc.
2016289233	Go Flat Rack Limited	2017280293	Suzhou Kintor Pharmaceuticals, Inc.
2016290108	Loop Industries, Inc.	2017283128	Cytexa GmbH
2016293984	MHWirth AS	2017283511	Drug Delivery Solutions ApS
2016298827	HiProMine S.A.	2017285813	Daewoong Pharmaceutical Co., Ltd.; Green Cross Corporation
2016302426	Shell Internationale Research Maatschappij B.V.	2017286458	Li-Cor, Inc.
2016302433	Inventio AG	2017287553	Yin, J.; Hangzhou Sanyintai Pharmaceutical Technology Co., Ltd.
2016304316	Betek GmbH & Co. KG; Wirtgen GmbH	2017289474	Frank's International, LLC
2016304757	Ecolab USA Inc.	2017293206	Yupo Corporation
2016308460	Illumina, Inc.	2017293720	Byun, W.
2016316854	Freedom Solutions Group, LLC	2017297457	Wang, Q.
2016316855	Freedom Solutions Group, LLC	2017298251	Beijing Mabworks Biotech Co. Ltd.
2016324580	LG Electronics Inc.	2017300419	Ishida Co., Ltd.
2016324602	Tableau Software, Inc.	2017304472	Melos GmbH
2016325364	Abrado, Inc.	2017307903	LG Electronics Inc.
2016326632	Husqvarna AB	2017310916	Innovent Biologics (Suzhou) Co., Ltd.
2016330874	Sumitomo Metal Mining Co., Ltd.	2017312783	Eli Lilly and Company
2016333281	Zhao, F.	2017314597	LG Electronics Inc.
2016339009	Elekt, Inc.	2017324647	Apple Inc.
2016340275	Novelis Inc.	2017326014	Verb Surgical Inc.
2016351998	Tokushima University; Aichi Steel Corporation	2017329344	Espera-Werke GmbH
2016354941	Kuraray Co., Ltd.	2017333548	Shanghai Institute of Materia Medica, Chinese Academy of Sciences
2016355706	Hexion Inc.	2017335668	Oasys Water LLC
2016359295	Illinois Tool Works Inc.	2017335758	Novelis Inc.
2016361305	Boehringer Ingelheim Animal Health USA Inc.	2017338154	Komatsu Ltd.
2016364095	Gree Electric Appliances, Inc. of Zhuhai	2017339764	MEDACTA INTERNATIONAL SA
2016365829	The Board of Trustees of the Leland Stanford Junior University	2017345050	Northrop Grumman Systems Corporation
2016366694	PTC Therapeutics, Inc.	2017345410	Osipov, I.
2016372756	Baoshan Iron & Steel Co., Ltd.	2017345685	Colgate-Palmolive Company; The Trustees of the University of Pennsylvania
2016382380	Samyang Biopharmaceuticals Corporation	2017346344	SEW-EURODRIVE GmbH & Co. KG
2016405114	China University of Mining and Technology	2017347622	British American Tobacco (Investments) Limited
2016405471	Planet GDZ AG	2017353896	Quick Fitting, Inc.
2016413093	Total SA; Veolia Water Solutions & Technologies Support; Saipem S.A.	2017362074	MEDACTA INTERNATIONAL SA
2016417595	Qingdao Haier Joint Stock Co., Ltd	2017372846	Boston Scientific SciMed, Inc.
2016418350	Colgate-Palmolive Company	2017373597	Röhm GmbH
2016419709	Qingdao Haier Joint Stock Co., Ltd	2017376353	Nanjing Transthera Biosciences Co. Ltd.
2016423310	Fuji Corporation	2017376363	Beijing Showby Pharmaceutical Co., Ltd.
2016427493	Huawei Technologies Co., Ltd.	2017376662	Zimmer, Inc.
2017201937	HBG IP Holding Pty Ltd	2017384966	Thilium Co., Ltd.
2017202464	Flow Forward Medical, Inc.	2017384993	Google LLC
2017203837	Vanguard Identification Systems, Inc.	2017386271	Colgate-Palmolive Company
2017208211	American Greetings Corporation	2017391512	BOE Technology Group Co., Ltd.
2017210221	Virsec Systems Inc.	2017392447	Mitsubishi Electric Corporation
2017210423	Aoyama, C.	2017394644	Omiome, Inc.
2017210621	CiDRA Corporate Services Inc.	2017400313	Qilu University of Technology
2017214547	Apple Inc.	2017400814	Taiyuan University of Technology
2017216554	In Queue Innovations, LLC	2018200326	CoDa Therapeutics, Inc.
2017217389	Capat LLC		
2017217607	Unilever PLC		
2017226496	China University of Mining and Technology		

Applications Accepted - Numerical Index cont'd

2018200430	Gongjin Precision Industries Co., Ltd.	2018256616	Apple Inc.
2018200598	Manneschi, A.	2018261194	De' Longhi Appliances S.r.l. Con Unico Socio
2018200641	Philip Morris Products S.A.	2018267635	Shanghai Parasol Renewable Energy Co., Ltd
2018200742	Weatherford Technology Holdings, LLC	2018269512	Apple Inc.
2018201143	Transocean Innovation Labs Ltd	2018271238	Dai Nippon Printing Co., Ltd.
2018201189	Snap-on Incorporated	2018271516	Sumitomo Metal Mining Co., Ltd.
2018201325	Merus N.V.	2018275033	Honeywell International, Inc.
2018201326	Merus N.V.	2018278863	Qualcomm Incorporated
2018201499	Siga Technologies, Inc.	2018281022	MIDES DESIGN d.o.o.
2018201532	Bose Institute; West Bengal State University	2018282435	Beijing DiDi Infinity Technology and Development Co., Ltd.
2018201596	Integral Biosystems LLC	2018308954	Leung, M.
2018201799	Bayer CropScience LP	2018308961	Smart Blox Pty Ltd
2018201840	Intel Corporation	2018326288	Trestoto Pty Limited
2018201993	Janssen Biotech, Inc.	2018394075	XCath, Inc.; The Board of Regents of The University of Texas System
2018202053	LG Electronics Inc.	2018427245	Visa International Service Association
2018202156	Kongsberg Defence & Aerospace AS	2019200124	Accenture Global Solutions Limited
2018202402	Second Affiliated Hospital of Guangzhou University of Traditional Chinese Medicine	2019200337	Uber Technologies, Inc.
2018202674	Power Products, LLC	2019200515	Sony Corporation
2018202804	Shiseido Americas Corporation	2019200733	JVC Kenwood Corporation
2018202871	Goldman Sachs & Co. LLC	2019200769	CRISI Medical Systems, Inc.
2018203021	VeroScience LLC	2019200853	KGK Science Inc.
2018203181	Ducati Motor Holding S.p.A.; Politecnico di Milano	2019200912	Macrogenics, Inc.; Duke University
2018203276	Fiskars Finland Oy Ab	2019200918	Canon Kabushiki Kaisha
2018203414	Qualcomm Incorporated	2019201065	Apple Inc.
2018203478	Oxford BioTherapeutics Ltd	2019201133	PT. obm Drilchem
2018203557	W.L. Gore & Associates, Inc.	2019201734	Covidien LP
2018203590	Becton, Dickinson and Company	2019203018	Mars, Incorporated
2018203595	Merit Medical Systems, Inc.	2019203533	Sewell Instruments Pty Ltd
2018204160	EnChroma, Inc.	2019203556	Becton, Dickinson and Company
2018204296	Canon Kabushiki Kaisha	2019203645	Novartis AG
2018204452	Zodiac Pool Systems, Inc.	2019203686	Intrinsic Advanced Materials, LLC
2018204556	The Trustees of Princeton University; Hopkins, A.	2019203763	smartDNA Pty Ltd
2018204693	SOPURA S.A	2019204592	Boston Scientific Scimed, Inc.
2018204744	Remondis Aqua GmbH & Co. KG	2019204874	Shahal Building Materials Ltd
2018204834	Immunovative Therapies, Ltd	2019210543	Wenzhou Medical University
2018204838	Minesense Technologies Ltd.	2019257511	GEN-PROBE INCORPORATED
2018205087	Alkermes Pharma Ireland Limited	2019257543	Ab Initio Technology LLC
2018206691	Accenture Global Solutions Limited	2019275538	Dentsply Sirona Inc; DeguDent GmbH
2018206732	KT Corporation	2019283863	Apple Inc.
2018208683	Reliance Worldwide Corporation	2019283881	ViaSat, Inc.
2018208734	Tata Consultancy Services Limited	2019283882	ViaSat, Inc.
2018209794	TheraPharm GmbH		
2018210216	Soin Neuroscience, LLC		
2018211344	Gree Electric Appliances, Inc. of Zhuhai		
2018211350	Preformed Line Products Co.		
2018213422	MediBeacon Inc.		
2018214003	Pangang Group Research Institute Co., Ltd.		
2018214957	PRC-DeSoto International, Inc.		
2018216442	Mitsubishi Heavy Industries Engineering, Ltd.		
2018217205	Terex Australia Pty Ltd		
2018219084	Waymo LLC		
2018219970	Flex-Chem Holding Company, LLC; Cimarex Energy Co.		
2018219971	BLUESCOPE STEEL LIMITED		
2018220143	Tyco Fire Products LP		
2018220527	Balanced Body, Inc.		
2018226429	Nantomics, LLC; Nant Holdings IP, LLC; NantHealth, Inc.		
2018229532	Applied Hybrid Energy Pty Ltd		
2018229554	Mygrain Solutions Pty Ltd		
2018233035	Thomas, J.		
2018236766	KT Corporation		
2018241214	Genzyme Corporation		
2018247280	Aktiebolaget Electrolux		
2018250487	3M Innovative Properties Company		
2018250507	Novartis AG		
2018250516	Acutus Medical, Inc.		
2018251514	LG Electronics Inc.		
2018253614	Zimmer, Inc.		
2018255075	LG Electronics Inc.		
2018256475	Cardionomic, Inc.		

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<b><u>A01B 49 /-</u></b>	2015332506 2016230118 2016239537 2018201799	2014309742	<b><u>A47L 9 /-</u></b>		2017345685
2018229554		<b><u>A23L 2 /-</u></b>	2017314597	<b><u>A61C 7 /-</u></b>	2017376353
<b><u>A01B 63 /-</u></b>	<b><u>A01N 33 /-</u></b>	2015401733	<b><u>A61B 1 /-</u></b>	2018250487	2018200326
2018229554	2016239537	<b><u>A23L 27 /-</u></b>	2015323547 2019204592	<b><u>A61C 8 /-</u></b>	2018201499
<b><u>A01C 23 /-</u></b>	<b><u>A01N 37 /-</u></b>	2016212115	<b><u>A61B 10 /-</u></b>	2014202173	2018201532
2016203138	2016239537 2018204693	<b><u>A23L 3 /-</u></b>	2019204592	<b><u>A61D 1 /-</u></b>	2018202804
<b><u>A01C 5 /-</u></b>	<b><u>A01N 43 /-</u></b>	2015401733	<b><u>A61B 17 /-</u></b>	<b><u>A61F 13 /-</u></b>	2018250507
2018229554	2015357587 2016239537 2016351998 2018201799 2018205087	<b><u>A23L 33 /-</u></b>	2015207673 2015240461 2016200148 2016200164 2016200265 2016235615 2017216554 2017339764 2017362074 2017372846 2018203557 2018203595 2018250516 2018253614 2019201734	2015224438 2015224442 2015224444 2015353690 2016254448	2019203645
<b><u>A01C 7 /-</u></b>		2014309742	<b><u>A61B 18 /-</u></b>	<b><u>A61F 2 /-</u></b>	<b><u>A61K 35 /-</u></b>
2018229554		<b><u>A23N 12 /-</u></b>	2015266619 2018250516	2015326517 2017216554 2017376662	2014333391
<b><u>A01G 25 /-</u></b>	<b><u>A01N 47 /-</u></b>	2015401733	<b><u>A24B 13 /-</u></b>	<b><u>A61F 9 /-</u></b>	2015289081
2016285692	2016239537 2018201799	<b><u>A23P 30 /-</u></b>	2018200641	2014318564 2015256600 2015339738	<b><u>A61K 38 /-</u></b>
<b><u>A01G 27 /-</u></b>	<b><u>A01N 51 /-</u></b>	2016236364	<b><u>A24C 5 /-</u></b>		2013403046
2016285692	2018201799	<b><u>A24D 3 /-</u></b>	2018200641		2014309742
<b><u>A01H 1 /-</u></b>	2018201799	<b><u>A24F 47 /-</u></b>	2017347622 2018200641	<b><u>A61G 5 /-</u></b>	2014329606
2017239475	<b><u>A01N 53 /-</u></b>	2018200641	<b><u>A24G 13 /-</u></b>	2016423310	2015225867
<b><u>A01H 4 /-</u></b>	2016230118	<b><u>A24H 15 /-</u></b>	2014386694 2017326014 2018394075	<b><u>A61G 7 /-</u></b>	2015289081
2017239475	<b><u>A01N 59 /-</u></b>	2017203837	<b><u>A61B 34 /-</u></b>	2016423310	2015319809
<b><u>A01H 5 /-</u></b>	2016351998	<b><u>A45C 13 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61J 3 /-</u></b>	2016361305
2014245779 2017239475	<b><u>A01N 65 /-</u></b>	2015230466	2014284130 2014353891 2014386694 2015255631 2015339576 2016228813 2018213422	2016423310	2016365829
<b><u>A01K 1 /-</u></b>	2019200912	<b><u>A46B 15 /-</u></b>	<b><u>A61B 6 /-</u></b>	<b><u>A61J 9 /-</u></b>	2017237543
2016249850	<b><u>A01P 1 /-</u></b>	2015230466	2014386694	2016256433	2017298251
<b><u>A01K 15 /-</u></b>	2018204693	<b><u>A47C 1 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>A61J 9 /-</u></b>	2017310916
2017232933	<b><u>A01P 13 /-</u></b>	2017201937	2017326014 2019204592	2019203533	2018204834
<b><u>A01K 43 /-</u></b>	2016239537	<b><u>A47J 37 /-</u></b>	<b><u>A61C 11 /-</u></b>	<b><u>A61K 31 /-</u></b>	2018250507
2016218301	<b><u>A01P 21 /-</u></b>	2018247280	2018250487	2014296023 2014318025 2014324092 2014336254 2014346840 2014359194 2014368971 2015274427 2015292356 2015312886 2015333611 2015334916 2015342017 2015349899 2016269359 2016366694 2017279624 2017280293 2017283511 2017287553 2017312783	<b><u>A61K 45 /-</u></b>
<b><u>A01K 45 /-</u></b>	2016351998	<b><u>A47K 5 /-</u></b>	<b><u>A61C 13 /-</u></b>		2019200912
2016218301	<b><u>A01P 3 /-</u></b>	2015301354	2019275538	<b><u>A61K 47 /-</u></b>	2014309742
<b><u>A01K 5 /-</u></b>	2016239537	<b><u>A47L 15 /-</u></b>	<b><u>A61C 15 /-</u></b>	2014346840	2014346840
2016201282 2016201283	<b><u>A01P 7 /-</u></b>	2017307903 2018202053	2015230466	<b><u>A61K 48 /-</u></b>	2014309742
<b><u>A01K 67 /-</u></b>	<b><u>A23G 1 /-</u></b>	2017314597			2014329606
2016298827	2019203018	<b><u>A23J 3 /-</u></b>		<b><u>A61K 51 /-</u></b>	2014314079
<b><u>A01M 7 /-</u></b>	2016236364	<b><u>A47L 5 /-</u></b>			2014329606
2016203138				<b><u>A61K 8 /-</u></b>	2018209794
<b><u>A01N 25 /-</u></b>	<b><u>A23K 10 /-</u></b>				<b><u>A61K 8 /-</u></b>
					2014359194
					2016418350
					2017240034

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2017345685	2016228813	2014346840	2017345410	2015270111	2015406757
2018202804	2017265028	2015215550		2019257511	<b><u>B28C 7 /-</u></b>
2019200853	2018208734	2015225867	<b><u>B01D 15 /-</u></b>		
<b><u>A61K 9 /-</u></b>	2018210216	2015312886		<b><u>B05B 1 /-</u></b>	
	2018250516	2015334916	2014287044		2015406757
	2018256475	2016365829	2018241214	2017307903	<b><u>B29C 39 /-</u></b>
2014309742		2017280293			
2014359194	<b><u>A61N 5 /-</u></b>	2017287553	<b><u>B01D 3 /-</u></b>	<b><u>B07C 5 /-</u></b>	2016211357
2014374107		2017298251		2014384162	
2017265175	2016339009	2017376353	2017335668	2018204838	<b><u>B29C 48 /-</u></b>
2018203021		2018201532	<b><u>B01D 35 /-</u></b>		
	<b><u>A61P 1 /-</u></b>	2018203478		<b><u>B21B 1 /-</u></b>	2017297457
<b><u>A61L 17 /-</u></b>		2018204834	2018216442		
	2014296023	2018250507	<b><u>B01D 37 /-</u></b>	2016340275	<b><u>B29C 49 /-</u></b>
2019210543	2016203656	2019203645		2016372756	
			2018216442	<b><u>B21B 27 /-</u></b>	2017293720
<b><u>A61L 2 /-</u></b>	<b><u>A61P 11 /-</u></b>	<b><u>A61P 37 /-</u></b>			<b><u>B29D 23 /-</u></b>
			<b><u>B01D 47 /-</u></b>	2016340275	2017297457
2015301354	2015312886	2013403046			
2015323547	2017287553	2014245779		<b><u>B21B 3 /-</u></b>	<b><u>B29L 31 /-</u></b>
2018204693	2017376363	2015225867	2017262812		
<b><u>A61L 29 /-</u></b>	<b><u>A61P 13 /-</u></b>	2015312886	2018216442	2016372756	2016211357
		2017287553	<b><u>B01D 53 /-</u></b>		
2018203590	2014336254			<b><u>B21B 37 /-</u></b>	<b><u>B31B 50 /-</u></b>
<b><u>A61L 31 /-</u></b>	2015312886	2015312886	2017234450		
	2015333611	2015342886	2017262812	2016372756	2017300419
2018203590	2015342017	2015349899	2017335668	<b><u>B21C 47 /-</u></b>	<b><u>B32B 27 /-</u></b>
	2015349899		2018216442		
<b><u>A61L 9 /-</u></b>	2017312783	<b><u>A61P 9 /-</u></b>	<b><u>B01D 61 /-</u></b>	2017335758	2017373597
				<b><u>B22F 1 /-</u></b>	<b><u>B32B 3 /-</u></b>
2016324580	<b><u>A61P 17 /-</u></b>	2015333611			
		2015342017	2016413093	2017400313	2016211357
<b><u>A61M 1 /-</u></b>	2013403046	2017312783	2017335668		<b><u>B32B 5 /-</u></b>
	2015312886	<b><u>A61Q 11 /-</u></b>	<b><u>B01D 63 /-</u></b>	<b><u>B22F 9 /-</u></b>	<b><u>B32B 7 /-</u></b>
2017202464	2017283511				
2017268542	2018202804	2016418350	2016354941	2016330874	2017304472
	2019200853	2017240034	<b><u>B01D 65 /-</u></b>	<b><u>B23K 9 /-</u></b>	<b><u>B32B 7 /-</u></b>
<b><u>A61M 16 /-</u></b>	<b><u>A61P 19 /-</u></b>	2017345685			
			2016354941	2017338154	2017293206
2015262953	2015349899	<b><u>A61Q 17 /-</u></b>	2016413093	<b><u>B23Q 15 /-</u></b>	<b><u>B41M 3 /-</u></b>
<b><u>A61M 25 /-</u></b>	2016269359		<b><u>B01F 1 /-</u></b>		
	2017287553	2017345685		2018200430	2016273191
2015266705			2015301354	<b><u>B24B 7 /-</u></b>	<b><u>B41M 5 /-</u></b>
2018250516	<b><u>A61P 25 /-</u></b>	<b><u>A61Q 19 /-</u></b>			
2018394075			2019257511	2016326632	2018271238
2019204592	2015246625	2018202804	<b><u>B01F 11 /-</u></b>	<b><u>B24D 13 /-</u></b>	<b><u>B42D 15 /-</u></b>
	2016366694				
<b><u>A61M 27 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>A62D 1 /-</u></b>	2015406757	2016326632	2014262229
			<b><u>B01F 15 /-</u></b>	<b><u>B25B 13 /-</u></b>	2017208211
2015266705	2015312886	2018275033			
<b><u>A61M 31 /-</u></b>	2017287553	<b><u>A63B 21 /-</u></b>	2015406757	2018201189	<b><u>B44F 9 /-</u></b>
			<b><u>B01F 3 /-</u></b>	<b><u>B25C 1 /-</u></b>	2016211357
2017265175	<b><u>A61P 3 /-</u></b>	2018220527			
			2015301354	2016359295	<b><u>B60N 2 /-</u></b>
<b><u>A61M 35 /-</u></b>	2014296023	<b><u>A63B 41 /-</u></b>			
	2015292356		2015406757	2018200430	<b><u>B60P 3 /-</u></b>
2017265175	2016275735	2014329788	<b><u>B01F 7 /-</u></b>	<b><u>B26F 3 /-</u></b>	2013408189
	2017287553				
<b><u>A61M 39 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>A63B 47 /-</u></b>	2015406757	2018200430	<b><u>B60Q 1 /-</u></b>
2019203556	2014245779	2017232933	<b><u>B01J 19 /-</u></b>	<b><u>B26D 3 /-</u></b>	2017201937
	2015274427	<b><u>A63B 69 /-</u></b>			
<b><u>A61M 5 /-</u></b>	2015352440		2014309742	2018200430	<b><u>B60P 3 /-</u></b>
	2016203656	2017232933	<b><u>B01J 2 /-</u></b>	<b><u>B26F 3 /-</u></b>	2013408189
2019200769	2017237543	<b><u>A63F 13 /-</u></b>			
			2014309742	2018200430	<b><u>B60Q 1 /-</u></b>
<b><u>A61N 1 /-</u></b>	<b><u>A61P 35 /-</u></b>	2017345410	2017304472	<b><u>B28C 5 /-</u></b>	2018200598
			<b><u>B01L 3 /-</u></b>		2018203181
2014353891	2014308920	<b><u>A63F 9 /-</u></b>		2013408189	
2015255631	2014324092				
2015271702					



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2014367637	<b><u>B66B 5 /-</u></b>	<b><u>C04B 7 /-</u></b>		2015349899	2015215550
<b><u>B60R 21 /-</u></b>	2017400814	2019204874	<b><u>C07D 207 /-</u></b>		2017229495
2019200337	<b><u>B66B 7 /-</u></b>	<b><u>C05B 11 /-</u></b>	2016351998	<b><u>C07D 453 /-</u></b>	2017237543
<b><u>B60R 9 /-</u></b>	2016302433	2018204744	2017333548	2017376363	2017298251
2016289233	<b><u>B66C 23 /-</u></b>	<b><u>C05C 9 /-</u></b>		<b><u>C07D 471 /-</u></b>	2018201325
<b><u>B60S 5 /-</u></b>	2018217205	2017262812	<b><u>C07D 215 /-</u></b>	2017312783	2018201326
2017217389	<b><u>B66D 1 /-</u></b>	<b><u>C05D 9 /-</u></b>	2016269359	2017376353	2018203478
<b><u>B60W 30 /-</u></b>	2016293984	2016351998	2018205087		2018204834
2018219084	2017226496	<b><u>C05F 11 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 487 /-</u></b>	2018250507
<b><u>B60W 40 /-</u></b>	<b><u>B67D 7 /-</u></b>	2016351998	2016355706		<b><u>C07K 7 /-</u></b>
2019200337	2017217389	<b><u>C07C 15 /-</u></b>	<b><u>C07D 239 /-</u></b>	2015349899	2015352440
<b><u>B61H 13 /-</u></b>	<b><u>C01B 25 /-</u></b>	2018201532	2017280293	2017280293	2016203656
2017269148	2018204744	<b><u>C07C 205 /-</u></b>	2017287553	2017376353	2017229495
<b><u>B61H 15 /-</u></b>	<b><u>C01B 3 /-</u></b>	2014318025	2017376363	2019203645	<b><u>C07K 9 /-</u></b>
2017269148	2016267612	<b><u>C07C 21 /-</u></b>	<b><u>C07D 249 /-</u></b>		2015215550
<b><u>B63B 15 /-</u></b>	<b><u>C01B 32 /-</u></b>	2018275033	2016275360	<b><u>C07D 491 /-</u></b>	2016212115
2018281022	2018216442	<b><u>C07C 227 /-</u></b>	<b><u>C07D 307 /-</u></b>	2017376353	<b><u>C08B 37 /-</u></b>
<b><u>B63C 11 /-</u></b>	<b><u>C01B 33 /-</u></b>	2017333548	2017285813	2019203645	2018202402
2015340110	2017384966	<b><u>C07C 229 /-</u></b>	<b><u>C07D 333 /-</u></b>	<b><u>C07D 513 /-</u></b>	<b><u>C08G 59 /-</u></b>
<b><u>B64C 39 /-</u></b>	2018204556	2017333548	2017312783	2015312886	2018214957
2017252398	<b><u>C01F 11 /-</u></b>	<b><u>C07C 231 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C08G 63 /-</u></b>
<b><u>B64F 1 /-</u></b>	2018204744	2016382380	2015292356	2017280293	2016290108
2017252398	<b><u>C02F 1 /-</u></b>	<b><u>C07C 237 /-</u></b>	2015334916	2017376353	<b><u>C08G 73 /-</u></b>
<b><u>B65B 43 /-</u></b>	2015316535	2016382380	2015349899	<b><u>C07F 15 /-</u></b>	2018220143
2017300419	2018204452	<b><u>C07C 251 /-</u></b>	2017333548	2017333548	<b><u>C08J 11 /-</u></b>
<b><u>B65D 1 /-</u></b>	<b><u>C02F 103 /-</u></b>	2018201532	<b><u>C07D 403 /-</u></b>	<b><u>C07H 7 /-</u></b>	2016290108
2017293720	2018204452	<b><u>C07C 273 /-</u></b>	2015292356	2016212115	<b><u>C08J 5 /-</u></b>
<b><u>B65D 25 /-</u></b>	<b><u>C04B 11 /-</u></b>	2017262812	2015334916	<b><u>C07J 41 /-</u></b>	2017373597
2017293720	2015255229	<b><u>C07C 51 /-</u></b>	2017285813	2014296023	<b><u>C08J 9 /-</u></b>
<b><u>B65D 85 /-</u></b>	2018204452	2016219517	<b><u>C07D 405 /-</u></b>	<b><u>C07J 75 /-</u></b>	2018275033
2015266705	<b><u>C02F 103 /-</u></b>	2016290108	2015333611	2018201596	<b><u>C08K 3 /-</u></b>
2015359548	2018204452	<b><u>C07C 251 /-</u></b>	2015349899	<b><u>C07J 9 /-</u></b>	2019203686
2017217607	2015255229	2018201532	2016366694	2014296023	<b><u>C08K 7 /-</u></b>
<b><u>B65D 88 /-</u></b>	<b><u>C04B 14 /-</u></b>	<b><u>C07C 273 /-</u></b>	<b><u>C07D 407 /-</u></b>	<b><u>C07K 1 /-</u></b>	2017373597
2013408189	2015255229	2017262812	2015334916	2014287044	<b><u>C08L 27 /-</u></b>
<b><u>B65G 43 /-</u></b>	2017237260	<b><u>C07C 51 /-</u></b>	2017285813	2018241214	2017373597
2016264870	2019204874	2016219517	<b><u>C07D 409 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08L 5 /-</u></b>
<b><u>B65H 75 /-</u></b>	<b><u>C04B 16 /-</u></b>	<b><u>C07C 62 /-</u></b>	2015292356	2014245779	2018202402
	2019204874	2015349969	2017285813	2015215550	2018202402
	2019204874	<b><u>C07C 65 /-</u></b>	2017333548	2015289081	<b><u>C08L 63 /-</u></b>
	<b><u>C04B 28 /-</u></b>	2015349969	<b><u>C07D 413 /-</u></b>	2016275735	2018214957
	2015255229	<b><u>C07C 67 /-</u></b>	2015333611	2016361305	
	2017237260	2016290108	2015334916	2017237543	<b><u>C08L 67 /-</u></b>
	2019204874	<b><u>C07C 69 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C07K 16 /-</u></b>	2019203686
	<b><u>C04B 35 /-</u></b>		2015333611	2014301629	
	2017400313		2015349899	2014308920	
				2014318017	

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<b>C08L 79 /-</b>	2014245779 2019200912	2017338154	<b>E21B 34 /-</b>	<b>F17C 9 /-</b>	2014396061
2018220143		<b>E04D 3 /-</b>	2015307324	2016302426	<b>F25J 3 /-</b>
<b>C08L 81 /-</b>	<b>C12N 9 /-</b>	2018219971	<b>E21B 43 /-</b>	<b>F21S 6 /-</b>	2016280678
2018214957	2016229094 2017265137	<b>E04H 1 /-</b>	2015307324 2017210423 2017229475 2018219970	2018233035	<b>F26B 3 /-</b>
<b>C09D 1 /-</b>	<b>C12P 21 /-</b>	2017217389		<b>F21S 8 /-</b>	2015401733
2019204874	2015215550	<b>E04H 4 /-</b>	<b>E21B 47 /-</b>	2017391512	<b>F26B 5 /-</b>
<b>C09D 5 /-</b>	<b>C12Q 1 /-</b>	2017279788 2017279789	2018219970	<b>F21V 23 /-</b>	2015236340
2015255229 2017232631	2014200609 2014210369 2014212152 2014287090 2015241034 2016308460 2017394644 2019203763	<b>E04H 9 /-</b>	<b>E21C 35 /-</b>	2018326288	<b>F27D 17 /-</b>
<b>C09K 3 /-</b>		2014360653	2016304316	<b>F21V 33 /-</b>	2018216442
2018275033		<b>E05B 47 /-</b>	<b>F02B 77 /-</b>	2017208211	<b>F28D 1 /-</b>
<b>C09K 5 /-</b>		2018308954	2014367637	<b>F24F 1 /-</b>	2015293384
2018275033	<b>C21D 9 /-</b>	<b>E05B 65 /-</b>	<b>F03G 6 /-</b>	2015201594	<b>F28D 20 /-</b>
<b>C09K 8 /-</b>	2018214003	2018202674	2016243916	<b>F24F 11 /-</b>	2015283164
2016304757 2017229475	<b>C22B 23 /-</b>	<b>E05B 81 /-</b>	<b>F04B 51 /-</b>	2018211344	<b>F28F 1 /-</b>
<b>C11D 1 /-</b>	2016330874 2018271516	2015264901	2017210621	<b>F24F 13 /-</b>	2015293384
2017386271	<b>C22B 3 /-</b>	<b>E05D 11 /-</b>	<b>F04D 25 /-</b>	2015230855	<b>F41A 17 /-</b>
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2017345685 2017386271	<b>C22B 5 /-</b>	<b>E05F 1 /-</b>	<b>F04D 27 /-</b>	2016324580	<b>F41C 23 /-</b>
<b>C11D 7 /-</b>	2018271516	2016333281	2016280678	<b>F24H 1 /-</b>	2015355127
2017345685	<b>C25C 3 /-</b>	<b>E06B 3 /-</b>	<b>F16H 57 /-</b>	2015293384	<b>F41C 27 /-</b>
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2015325779	<b>C40B 30 /-</b>	<b>E06B 7 /-</b>	<b>F16J 12 /-</b>	2015293384	<b>G01C 21 /-</b>
<b>C12N 1 /-</b>	2015246625	2016405471	2017293720	<b>F24S 50 /-</b>	2015200255 2019200337
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	2019203686	<b>E21B 17 /-</b>	2015262953	<b>F25B 41 /-</b>	2018208683 2019200769
	<b>D04H 3 /-</b>	2017289474 2018200742	<b>F16L 11 /-</b>	<b>F25D 17 /-</b>	<b>G01G 19 /-</b>
	2019203686	<b>E21B 21 /-</b>	2016204643	2016324580	2017329344
	<b>E01C 13 /-</b>	2015307324 2017229475	<b>F16L 17 /-</b>	<b>F25D 21 /-</b>	<b>G01J 3 /-</b>
	2017304472	<b>E21B 29 /-</b>	2017353896	2017392447	2018204160
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	2015306060	<b>E02F 9 /-</b>	2017353896	2014396061 2016324580	2019203533
<b>C12N 7 /-</b>			<b>F17C 1 /-</b>	<b>F25D 31 /-</b>	<b>G01L 5 /-</b>
			2017217389		2018200742

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<b><u>G01N 15 /-</u></b>	<b><u>G01S 7 /-</u></b>	2016405114	<b><u>G06Q 30 /-</u></b>	2015277348	2018202871
2017283128	2016274145	<b><u>G06F 16 /-</u></b>	2015204037	<b><u>H01R 13 /-</u></b>	<b><u>H04L 5 /-</u></b>
<b><u>G01N 19 /-</u></b>	<b><u>G01V 1 /-</u></b>	2014262676	2019201065	2017345410	2016211795
2017226496	2015209432	2015271052	<b><u>G06Q 50 /-</u></b>	<b><u>H02G 7 /-</u></b>	2018278863
<b><u>G01N 21 /-</u></b>	<b><u>G01V 3 /-</u></b>	2015413329	2015231331	2018211350	<b><u>H04L 7 /-</u></b>
2015302108	2018200598	2016316855	2015339576		2018201840
2018213422		2017286458	<b><u>G06T 11 /-</u></b>	<b><u>H02H 3 /-</u></b>	<b><u>H04L 9 /-</u></b>
<b><u>G01N 27 /-</u></b>	<b><u>G02B 23 /-</u></b>	<b><u>G06F 17 /-</u></b>	2016324602	2015221437	2016226593
2016308460	2016245369	<b><u>G06F 21 /-</u></b>	<b><u>G07C 9 /-</u></b>	<b><u>H02H 9 /-</u></b>	2018226429
<b><u>G01N 30 /-</u></b>	<b><u>G02B 5 /-</u></b>	2015270893	2015200145	2015221437	<b><u>H04M 1 /-</u></b>
2014287044	2016273191	2017210221	<b><u>G07D 7 /-</u></b>	<b><u>H02J 15 /-</u></b>	2017214547
<b><u>G01N 33 /-</u></b>	2018204160	<b><u>G06F 3 /-</u></b>	2016273191	2018229532	2019283863
2014287090	<b><u>G02C 7 /-</u></b>	2015271052	<b><u>G07F 7 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04N 19 /-</u></b>
2015215550	2018204160	2016324602	2015204037	2018229532	2018206732
2015302059	<b><u>G02F 1 /-</u></b>	2017214547	<b><u>G08B 13 /-</u></b>	<b><u>H02J 5 /-</u></b>	2018236766
2016308460	2016245369	2017269685	2015200145	2018229532	2019200515
2017229495	2017391512	2018256616	<b><u>G08G 1 /-</u></b>	<b><u>H02K 33 /-</u></b>	2019200733
2017237543	<b><u>G03F 7 /-</u></b>	2019283863	2018219084	2015339738	2016245369
2018208734	2016273191	<b><u>G06F 30 /-</u></b>	<b><u>G09F 1 /-</u></b>	<b><u>H02P 9 /-</u></b>	2016273461
<b><u>G01N 35 /-</u></b>	<b><u>G03G 15 /-</u></b>	<b><u>G06F 40 /-</u></b>	2017208211	2015286215	<b><u>H04W 12 /-</u></b>
2017237543	2018204296	2016316854	<b><u>G09F 3 /-</u></b>	<b><u>H02S 40 /-</u></b>	2015321928
2017283128	2019200918	<b><u>G06F 9 /-</u></b>	2017293206	2018308961	2015416630
2019257511	<b><u>G03G 21 /-</u></b>	2014265749	<b><u>G10K 11 /-</u></b>	<b><u>H04B 7 /-</u></b>	2016226500
<b><u>G01R 31 /-</u></b>	2018204296	2015229434	2014367637	2019283881	<b><u>H04W 28 /-</u></b>
2016302433	2019200918	2019257543	<b><u>G10L 15 /-</u></b>	2019283882	2015381191
<b><u>G01R 33 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G06K 1 /-</u></b>	2017384993	2015381191	<b><u>H04W 36 /-</u></b>
2015200145	2018202156	<b><u>G06K 17 /-</u></b>	<b><u>H01M 10 /-</u></b>	2018269512	2018255075
2016308460	2018261194	2017203837	2014210369	2018203414	
<b><u>G01S 1 /-</u></b>	<b><u>G05D 1 /-</u></b>	2017286458	<b><u>G16B 30 /-</u></b>	<b><u>H04J 11 /-</u></b>	<b><u>H04W 4 /-</u></b>
2015340110	2015340110	<b><u>G06K 19 /-</u></b>	2016364095	2015381191	2015231331
<b><u>G01S 13 /-</u></b>	2018282435	2016273191	<b><u>H01M 2 /-</u></b>	<b><u>H04J 13 /-</u></b>	<b><u>H04W 48 /-</u></b>
2018219084	<b><u>G05G 1 /-</u></b>	2018427245	2016364095	2015381191	2018251514
<b><u>G01S 15 /-</u></b>	2018261194	<b><u>G06K 7 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H04L 1 /-</u></b>	<b><u>H04W 52 /-</u></b>
2018219084	<b><u>G05G 9 /-</u></b>	2016228813	2015277348	2016211795	2016278316
<b><u>G01S 17 /-</u></b>	2018261194	<b><u>G06K 9 /-</u></b>	2017345050	2018203414	<b><u>H04W 56 /-</u></b>
2018219084	<b><u>G06F 1 /-</u></b>	2018219084	<b><u>H01M 10 /-</u></b>	<b><u>H04L 12 /-</u></b>	2017262892
<b><u>G01S 19 /-</u></b>	2015264457	<b><u>G06N 5 /-</u></b>	2016364095	2018269512	<b><u>H04W 72 /-</u></b>
2017286458	2017214547	2019200124	<b><u>H01M 2 /-</u></b>	2019283863	<b><u>H04W 72 /-</u></b>
<b><u>G01S 3 /-</u></b>	2017269685	<b><u>G06Q 10 /-</u></b>	2016364095	<b><u>H04L 27 /-</u></b>	2015343669
2016274145	2017324647	2014377562	<b><u>H01M 4 /-</u></b>	2016427493	2015381191
<b><u>G01S 5 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06Q 20 /-</u></b>	2015277348	2018201840	2016278316
2015340110	2014364882	2018269512	<b><u>H01M 6 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 76 /-</u></b>
2017286458	2015229434	<b><u>G06F 113 /-</u></b>		2015416630	2018255075
				2017210221	<b><u>H04W 8 /-</u></b>
				2017262892	
				2018202156	

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2018255075

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2018326288

**H05B 45** /-

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**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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**(71)** Schneider Electric (Australia) Pty Limited

**(11)** AU-B-2019100723

**(21)** 2019100723      **(22)** 02.07.2019

**(54)** HOUSING FOR ELECTRICAL COMPONENT CONNECTION SYSTEM

**(51)** Int. Cl.

**H05K 7/00** ( 2006.01 )

**(45)** 06.02.2020

**(62)** 2015275232

**(72)** de Man, Gerrit; Reuter, Mark

**(74)** Madderns Pty Ltd

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**(71)** Sunbeam Corporation Pty Ltd

**(11)** AU-B-2014101657

**(21)** 2014101657      **(22)** 26.09.2014

**(54)** Kitchen appliance

**(51)** Int. Cl.

**A47J 43/08** ( 2006.01 )

**A47J 44/00** ( 2006.01 )

**B01F 7/16** ( 2006.01 )

**(31)** 2013903722      **(32)** 26.09.13 **(33)** AU

**(45)** 06.02.2020

**(72)** O'LOUGHLIN, Nick; GUYATT, Maxim; TOFAILI, Alex; SUE, Justin; WHITCOMBE, Mark; CHAN, Andrew

**(74)** FPA Patent Attorneys Pty Ltd

**Numerical Index**

**2014101657** Sunbeam Corporation Pty Ltd  
**2019100723** Schneider Electric (Australia) Pty Limited

**IPC Index**

**A47J 43 /-**

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2019100723

**Patents Granted**

**Standard Patents**

2011261171	2013257475	2013357812	2013407963
2013409215	2014210579	2014214786	2014218837
2014231705	2014237067	2014237292	2014248167
2014250661	2014253687	2014262223	2014268316
2014271248	2014273510	2014277220	2014281725
2014284360	2014286128	2014287397	2014287980
2014288039	2014299699	2014308704	2014316766
2014318176	2014318826	2014321355	2014323563
2014337395	2014338555	2014340288	2014343754
2014361788	2014362251	2014363213	2014363933
2014364294	2014369873	2014373966	2014385320
2014394631	2014411001	2014413982	2015200505
2015202433	2015202758	2015203258	2015204649
2015207832	2015207881	2015208298	2015210388
2015211344	2015213612	2015217191	2015217846
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2015226963	2015227501	2015228363	2015229561
2015230809	2015234244	2015234575	2015236327
2015240862	2015240941	2015241457	2015242374
2015242377	2015242531	2015243225	2015247689
2015247833	2015248488	2015248656	2015249753
2015250323	2015251494	2015253685	2015255221
2015258108	2015258718	2015258871	2015259267
2015262870	2015265820	2015267602	2015270223
2015274574	2015274647	2015275997	2015276247
2015276699	2015276904	2015277591	2015280167
2015282658	2015288074	2015289625	2015291151
2015294772	2015296901	2015298519	2015298593
2015298627	2015300825	2015301069	2015301688
2015305567	2015306348	2015315172	2015317566
2015318251	2015322088	2015323603	2015326437
2015326648	2015329788	2015330180	2015334541
2015337050	2015339336	2015342900	2015346177
2015350038	2015352193	2015356676	2015356816
2015356882	2015357735	2015364125	2015364553
2015370589	2015373483	2015388393	2015395514
2016200927	2016205371	2016206942	2016210844
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2016244922	2016245272	2016245912	2016249860
2016250022	2016251649	2016254445	2016261496
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2016326942	2016328618	2016336279	2016351091
2016362040	2016364922	2016364931	2016369487
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2017204180	2017204511	2017204558	2017204849
2017204912	2017207297	2017210437	2017210508
2017210556	2017210563	2017210566	2017213593
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2017221810	2017225082	2017226429	2017228665
2017229094	2017232060	2017232095	2017232108
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2017236014	2017236015	2017236016	2017239887
2017239889	2017240484	2017245307	2017245437
2017245467	2017248462	2017249242	2017251760
2017251825	2017251832	2017258337	2017258815
2017258819	2017261505	2017261634	2017262850
2017264072	2017265025	2017268650	2017274183
2017278373	2017279618	2017279742	2017281611

**Patents Granted**

**Standard Patents**

2017288465	2017288509	2017289257	2017291708
2017301999	2017302122	2017304029	2017305526
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2017317839	2017331961	2017343793	2017348009
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2017375945	2017377855	2017379608	2017379610
2017389535	2017400669	2017408799	2017421991
2017426195	2017428029	2018200409	2018200429
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2018200623	2018200797	2018200876	2018200943
2018200959	2018201447	2018201467	2018201567
2018201834	2018201850	2018202177	2018202447
2018202452	2018202542	2018202592	2018202600
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2018252568	2018253579	2018264009	2018274877
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2019200607	2019200694	2019200716	2019200872
2019200963	2019201555	2019202231	

**Innovation Patents**

2014101659	2016102433	2018102153	2019101455
2019101629	2019101630	2019101632	2019101636
2019101637	2019101640	2019101649	2019101651
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2019101700	2019101702	2019101703	2019101704
2019101705	2019101710	2019101714	2020100001
2020100002			

**Offer to Surrender**

It is hereby notified that **Hender, M. 11 Longshaw Cct , Canning Vale WA 6155** , the Patentee of Patent 2011200321 dated 05.06.2014 for an invention titled ' System and Method for Reclaiming Unused Portions of Concrete' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

2000061687	Waterleaf Limited	The patent has been assigned to <b>Fusion Holdings Limited</b>
2000241789	Avent, Inc.	The patent has been assigned to <b>O&amp;M Halyard International Unlimited Company</b>
2001253207	Avent, Inc.	The patent has been assigned to <b>O&amp;M Halyard International Unlimited Company</b>
2002226837	HTC Sweden AB	The patent has been assigned to <b>Husqvarna AB</b>
2003224729	Celgene Corporation	The patent has been assigned to <b>Amgen (Europe) GmbH</b>
2004294137	Siemens Medical Solutions USA, Inc.	The patent has been assigned to <b>Siemens Healthcare GmbH</b>



**Assignments Registered**

2004310178 BlackBerry Limited The patent has been assigned to **Wireless Innovations LLC**

2004313357 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2005269367 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2005292653 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2006233120 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2006247924 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2006325255 Cambridge Resonant Technologies Ltd The patent has been assigned to **SureFlap Limited**

2007200551 BlackBerry Limited The patent has been assigned to **Wireless Innovations LLC**

2007202860 BlackBerry Limited The patent has been assigned to **Wireless Innovations LLC**

2007237116 Arterial Remodeling Technologies, S.A. The patent has been assigned to **SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LIMITED**

2008203477 BlackBerry Limited The patent has been assigned to **Wireless Innovations LLC**

2008241607 HTC Sweden AB The patent has been assigned to **Husqvarna AB**

2008281644 RECKITT & COLMAN (OVERSEAS) LIMITED; SAN-EI GEN F.F.I., INC. The patent has been assigned to **Reckitt & Colman (Overseas) Health Limited; SAN-EI GEN F.F.I., INC.**

2008309232 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2008323025 Hanwha Q CELLS & Advanced Materials Corporation The patent has been assigned to **Hanwha Solutions Corporation**

2008353468 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2009286332 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2009287411 University of Zurich; Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation The patent has been assigned to **University of Zurich; Commonwealth Scientific and Industrial Research Organisation**

2009332549 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2010226125 BlackBerry Limited The patent has been assigned to **Wireless Innovations LLC**

2010234774 BlackBerry Limited The patent has been assigned to **Wireless Innovations LLC**

2010280348 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2010304753 Arterial Remodeling Technologies, S.A. The patent has been assigned to **SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LIMITED**

**Assignments Registered**

2011265385 BlackBerry Limited The patent has been assigned to **Wireless Innovations LLC**

2011268450 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2011287204 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2011346716 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2011346721 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2012200346 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2012205809 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2012213025 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2012213129 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2012249536 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2012317210 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2012317211 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2012335252 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2012360106 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2013203283 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2013213368 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2013301260 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2013336672 Arterial Remodeling Technologies, SA The patent has been assigned to **SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LIMITED**

2013336675 Arterial Remodeling Technologies, SA The patent has been assigned to **SAHAJANAND MEDICAL TECHNOLOGIES PRIVATE LIMITED**

2014272759 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2014298037 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2014298097 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2014411431 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015200988 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

**Assignments Registered**

2015222839 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015224419 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015230841 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015277374 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015277375 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015383831 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015383832 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2015383833 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2016208296 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2016262663 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2017101807 Egoroff, Jim The patent has been assigned to **EI-Azzi, William**

2017259808 Avent, Inc. The patent has been assigned to **O&M Halyard International Unlimited Company**

2017279753 HUSQVARNA CONSTRUCTION PRODUCTS NORTH AMERICA, INC. The patent has been assigned to **Husqvarna AB**

**Licences Registered - Section 187, Reg. 19**

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

2012289961 National Yang-Ming University; National Taiwan University ( RaND Biosciences )

2017206237 University of Leeds ( University of Leeds IP Limited )

**Mortgages Registered - Section 187, Reg. 19**

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

2018205189 NEMASKA LITHIUM INC. ( Nordic Trustee AS )

2018205189 NEMASKA LITHIUM INC. ( OMF Fund II (N) 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.

2010316683 **Wyeth LLC**

The earliest first regulatory approval date provided by the patentee 15 Mar 2019

For the goods NERLYNX neratinib (as maleate)

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

Address for service : FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**Corrigenda**

In Vol 34 , No 1 , Page(s) 62 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Denta Vision GmbH, Application No. 2018274180, under INID (71) correct the applicant name to Denta Vision GmbH

In Vol 34 , No 3 , Page(s) 452 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Gemalto SA, Application No. 2018293758, under INID (71) correct the applicant name to Thales DIS France SA

In Vol 34 , No 4 , Page(s) 0 under the heading **Letters Patent Sealed - Standard Patents** Delete all reference to 2019201839.

In Vol 34 , No 4 , Page(s) 551 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2016** Delete all reference to 2016233552.

In Vol 34 , No 4 , Page(s) 597 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name GCP Applied Technologies Inc., Application No. 2018290859, under INID (72) correct the co-inventor to Yurdakul, Ezgi

In Vol 34 , No 4 , Page(s) 600 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huawei Technologies Co., Ltd., Application No. 2017422536, under INID (72) correct the co-inventor to GAO, Han

**Specifications Republished**

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

2015315017	<b>CPG Technologies, LLC</b>
2015367977	<b>LG Chem, Ltd</b>
2017314586	<b>LG Electronics Inc.</b>
2018288972	<b>Allied Healthcare Products, Inc.</b>
2019219712	<b>CSIdentity Corporation</b>