



**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.

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 07 May 2020**  
Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Facebook, Inc. [2020] APO 19***

Patent Application: 2014209546

Title: Conversion tracking for installation of applications on mobile devices

Patent Applicant: Facebook, Inc.

Delegate: K. Wagg

Decision Date: 21 April 2020

Hearing Date: 21 November 2018, further submissions filed on 5 December 2018 and 30 January 2019.

Catchwords: **PATENTS** – examiner objection – manner of manufacture – conversion tracking is an outcome enabled by the substance – substance of the invention – technical limitations in the architecture of apps have been overcome – allowability of the amendments to be considered by the examining section.

Counsel for the Applicant: Julian S. Cooke

Patent Attorney for the Applicant: Paul J. Mahony of Cotters Patent and Trademark Attorneys

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 07 May 2020  
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Speedx Pty Ltd v Rutgers, The State University of New Jersey* [2020] APO 20

Patent Application: 2014214725

Title: Highly selective nucleic acid amplification primers

Patent Applicant: Rutgers, The State University of New Jersey

Opponent: Speedx Pty Ltd

Delegate: Damian Triffett

Decision Date: 24 April 2020

Hearing Date: 3 December 2019, in Canberra

Catchwords: **PATENTS** – section 59 opposition to grant of a patent – clarity – lack of clarity not established – clear enough and complete enough disclosure – lack of clear enough and complete enough disclosure not established – support – lack of support not established – manner of manufacture – lack of manner of manufacture not established

Representation: Counsel for the applicant: Mr Anthony Franklin  
Patent attorney for the applicant: Mr Leonard Mancini of Peter Maxwell & Associates  
Counsel for the opponent: Mr Craig Smith  
Patent attorney for the opponent: Dr Simon Potter of Spruson & Ferguson

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 Apr 2020 .

(71) 4 Farmers Australia Pty Limited (21) 2020901288 (22) 24.04.2020 (54) Method for Preparation of Glyphosate Composition	(71) Aristocrat Technologies Australia Pty Limited; Aristocrat Technologies, Inc. (21) 2020901268 (22) 22.04.2020 (54) GAMING DEVICE WITH EXPANDING ACTIVE SYMBOL POSITIONS	(71) Bovell, D. (21) 2020901199 (22) 15.04.2020 (54) SYSTEMS AND DEVICES FOR MOUNTING ELECTRICAL DEVICES
(71) Achurch, R. (21) 2020901234 (22) 20.04.2020 (54) A pet wearable identification and tracking system	(71) Australia and New Zealand Banking Group Limited (21) 2020901209 (22) 16.04.2020 (54) Method and system for conditioning data sets for efficient computational processing	(71) Bradken Resources Pty Limited (21) 2020901210 (22) 16.04.2020 (54) COUPLING ARRANGEMENT FOR A RAIL WAGON
(71) Advance NanoTek Ltd. (21) 2020901292 (22) 24.04.2020 (54) Method for making cathode materials for lithium ion batteries and lithium ion battery incorporating same	(71) Bailey, R. (21) 2020901207 (22) 16.04.2020 (54) VENT COVER ASSEMBLY FOR A CARAVAN REFRIGERATOR VENT	(71) Breville Pty Limited (21) 2020901267 (22) 22.04.2020 (54) Accessory for a food processor
(71) Ahn, J. (21) 2020901185 (22) 14.04.2020 (54) Manual knife sharpener with water cooling. This device is a manual knife sharpener with water cooling to provide easy & safe knife sharpener function in the commercial, domestic and industrial applications. Any general publics can use this device with minimise dust during knife sharpening without professional knife sharpener contractor and/ or without electricity.	(71) Bestview Investments Pty Ltd (21) 2020901253 (22) 21.04.2020 (54) Toilet Brush	(71) CALIX LTD (21) 2020901247 (22) 20.04.2020 (54) A Powder-Gas Heat Exchanger and Applications Thereof
(71) Alcoa of Australia Limited (21) 2020901181 (22) 14.04.2020 (54) Method for manufacturing alumina	(71) BFRE Pty Ltd (21) 2020901208 (22) 16.04.2020 (54) Further improvements in Steel column assembly and installation	(71) Canning, J. (21) 2020901250 (22) 20.04.2020 (54) Spray on surface coatings to alter and tailor surface properties for a variety of applications. A target is reducing virus sustainability and integration of sterilisation methods
(71) Allen, G. (21) 2020901294 (22) 24.04.2020 (54) Impact absorbing seat mount	(71) Blakey, M. (21) 2020901233 (22) 20.04.2020 (54) MOUNTING ASSEMBLY FOR A TENT	(71) Canva Pty Ltd (21) 2020901186 (22) 15.04.2020 (54) Systems and methods for automatically grouping design elements
Aristocrat Technologies, Inc. see Aristocrat Technologies Australia Pty Limited (21) 2020901268	(71) Blaser Pty Ltd (21) 2020901273 (22) 22.04.2020 (54) AN APPARATUS LOCATION AND STATUS MONITOR AND METHOD OF MONITORING LOCATION AND STATUS OF AN APPARATUS	(71) Canva Pty Ltd (21) 2020901276 (22) 23.04.2020 (54) System and method for document analysis
Blue Eagle Technologies Pty Limited see Hong, M. (21) 2020901228		(71) Canva Pty Ltd. (21) 2020901256 (22) 21.04.2020 (54) Systems and methods for applying effects to design elements

Provisional Applications Filed - Name Index cont'd

(71) Carina Biotech Pty Ltd  
(21) 2020901216 (22) 17.04.2020  
(54) Anti-Cancer Chimeric Antigen Receptor

(71) CHAITANYA, V.N.; MOHAN, M.S.  
(21) 2020901266 (22) 22.04.2020  
(54) VISCOELASTIC GELLING AGENT

(71) Clayton, B.  
(21) 2020901260 (22) 22.04.2020  
(54) IoT Device installed on spill response kits to track if a spill kit has been opened, where it is located and whether it requires refilling or maintenance

(71) Clinotec Pty Ltd  
(21) 2020901289 (22) 24.04.2020  
(54) Antimicrobial formulation

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2020901293 (22) 24.04.2020  
(54) HEAT BARRIER LAMINATE

(71) Cosmetic Edge Pty Ltd  
(21) 2020901222 (22) 17.04.2020  
(54) An automatic disposable glove dispensing device

(71) Cyborg Dynamics Engineering Pty Ltd  
(21) 2020901214 (22) 17.04.2020  
(54) A SITE LAYOUT MARKING SYSTEM AND METHOD OF USE

(71) Design Flow Pty Ltd  
(21) 2020901193 (22) 15.04.2020  
(54) A barrier

(71) Diamond, T.  
(21) 2020901201 (22) 15.04.2020  
(54) AN APPARATUS FOR TRANSPORTING GOODS UP OR DOWN AN INCLINE

(71) Dower, W.  
(21) 2020901309 (22) 25.04.2020  
(54) Static Discharge in Modern Vehicles

(71) Duogenic StemCells Corporation  
(21) 2020901243 (22) 20.04.2020  
(54) MODIFIED MACROPHAGES, COMPOSITIONS AND USES THEREOF

(71) DYWIDAG-Systems International Pty Limited  
(21) 2020901277 (22) 23.04.2020  
(54) Dynamic drop testing apparatus

(71) EAA Research Engineer Pty Ltd  
(21) 2020901258 (22) 21.04.2020  
(54) RAINWATER HARVESTING ASSEMBLY AND SYSTEM

(71) Ebokolo-Jecop, A.M.  
(21) 2020901252 (22) 21.04.2020  
(54) Foam cover number 2 for the reusable or disposable face shield made from tabletone material or coverings materials

(71) Ehret, S.A.  
(21) 2020901295 (22) 24.04.2020  
(54) PERSONAL PROTECTIVE EQUIPMENT

(71) EL-AHMAD, Z.K.S.  
(21) 2020901262 (22) 22.04.2020  
(54) A BEAM FOR FORMING A SLAB WITH A SETTABLE MATERIAL AND A SYSTEM OF FORMING A SLAB OF A BUILDING WITH A SETTABLE MATERIAL

(71) Element 25 Limited  
(21) 2020901255 (22) 21.04.2020  
(54) Process for the Recovery of Manganese

(71) FASTBRICK IP PTY LTD  
(21) 2020901272 (22) 22.04.2020  
(54) BLOCK TRANSFER APPARATUS AND IMPROVED CLAMPING ASSEMBLY FOR USE THEREWITH

(71) Field Orthopaedics Pty Ltd  
(21) 2020901202 (22) 16.04.2020  
(54) ORTHOPAEDIC BONE STABILISATION DEVICE

(71) Flinders University of South Australia  
(21) 2020901215 (22) 17.04.2020  
(54) METHODS FOR PROCESSING POLY-SULFIDE POLYMERS

(71) Galligan, A.  
(21) 2020901254 (22) 21.04.2020  
(54) A method of producing a panel and a panel produced according to the method

Gauldie, S. see Gauldie, M.  
(21) 2020901230

(71) Gauldie, M.; Gauldie, S.  
(21) 2020901230 (22) 19.04.2020  
(54) METHOD AND SYSTEM FOR AIDING PERSONAL COLOUR SELECTION OF A TANNING COMPOSITION

(71) Gay, N.  
(21) 2020901263 (22) 22.04.2020  
(54) A non-slip tacky liquid formulation for eye-glass nose pads

(71) GeneWorks Pty Ltd  
(21) 2020901225 (22) 17.04.2020  
(54) Detection of SARS-CoV-2

(71) GeneWorks Pty Ltd  
(21) 2020901226 (22) 17.04.2020  
(54) Detection of SARS-CoV-2

(71) Glencore Technology Pty Limited  
(21) 2020901219 (22) 17.04.2020  
(54) Sulphide oxidation in leaching of minerals

(71) Glencore Technology Pty Limited  
(21) 2020901220 (22) 17.04.2020  
(54) Sulphide oxidation in leaching of minerals

(71) Goodcart Pty Ltd  
(21) 2020901232 (22) 20.04.2020  
(54) Convertible storage device

(71) Grouse, J.  
(21) 2020901191 (22) 15.04.2020  
(54) UV Curable Resin Conditioning During SLA 3D Printing

(71) GWR Pty Ltd  
(21) 2020901244 (22) 20.04.2020  
(54) Light

(71) Hart, N.  
(21) 2020901257 (22) 21.04.2020  
(54) Electroluminescent light system

(71) Hein, W.  
(21) 2020901285 (22) 24.04.2020  
(54) An online application, mobile and web, that allows businesses and individuals to create their own word number, vanity number, smart number or phone word and choose their own word.

(71) Hong, M.; Blue Eagle Technologies Pty Limited  
(21) 2020901228 (22) 17.04.2020  
(54) Social Distance Mobile Apps.

(71) Hunter, M.  
(21) 2020901248 (22) 20.04.2020  
(54) Personal Protective Equipment

(71) InDesign Technologies Pty Ltd  
(21) 2020901221 (22) 17.04.2020  
(54) A CABLE WEIGHT

Provisional Applications Filed - Name Index cont'd

(71) INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD.  
(21) 2020901251 (22) 20.04.2020  
(54) Barrier Bulkhead

(71) Innovently Pty Ltd  
(21) 2020901283 (22) 23.04.2020  
(54) Alert System and Method

(71) Jindex Pty Limited  
(21) 2020901180 (22) 14.04.2020  
(54) A nozzle valve

(71) Khalil, M.  
(21) 2020901236 (22) 20.04.2020  
(54) A technique of treating cancer by Using deuterated glucose molecule to deliver deuterium and to create D2O into cancer cells with high concentrations and to synchronize a surge in their concentration as a method of reduction cancer cells growth and increasing its sensitivity to chemotherapy and radiotherapy And other therapeutic uses for other diseases

(71) Kilmartin, J.  
(21) 2020901264 (22) 22.04.2020  
(54) Bluetooth pressure testing kit

(71) L&SCREATIONS PTY LTD  
(21) 2020901249 (22) 20.04.2020  
(54) A PORTABLE DEVICE CONFIGURED TO FACILITATE TREATMENT OF CREASED ARTICLES

(71) Le Bourhis, E.  
(21) 2020901259 (22) 22.04.2020  
(54) SYSTEMS AND METHODS FOR MACKING A LIST OF CONTACTS WITH LEVEL OF EXPOSURE AVAILABLE TO THIRD PARTIES SECURELY AND ANONYMOUSLY.

Long, K. see Long, T.  
(21) 2020901223

(71) Long, T.; Long, K.  
(21) 2020901223 (22) 17.04.2020  
(54) A CONTAINER BLANK AND A PROCESS FOR FORMING A CONTAINER

(71) Marriott, L.  
(21) 2020901212 (22) 16.04.2020  
(54) Surgical Theatre Ventilation and Extractor System

(71) May, B.  
(21) 2020901235 (22) 20.04.2020  
(54) A height adjustable high heel shoe

(71) Microsystem Controls Pty Ltd  
(21) 2020901245 (22) 20.04.2020  
(54) A currency note acceptor

(71) Microsystem Controls Pty Ltd  
(21) 2020901246 (22) 20.04.2020  
(54) A coin dispensing device and a method of monitoring dispensing of a coin from a coin dispensing device

(71) Mijac Investments Pty Ltd  
(21) 2020901280 (22) 23.04.2020  
(54) A TOILET SEAT COVER AND KIT

(71) Miners, A.  
(21) 2020901242 (22) 20.04.2020  
(54) A pinch valve assembly

MOHAN, M.S. see CHAITANYA, V.N.  
(21) 2020901266

(71) Monash University  
(21) 2020901237 (22) 20.04.2020  
(54) Methods and compositions

(71) Monash University  
(21) 2020901265 (22) 22.04.2020  
(54) Head mounted visual sensor and transceiver device

(71) Monash University  
(21) 2020901278 (22) 23.04.2020  
(54) Antisense Oligomers for Treatment of Disease

(71) Montgomery, M.  
(21) 2020901190 (22) 15.04.2020  
(54) An orthopaedic apparatus and method for joint rehabilitation and mobility

(71) Mycelium Biotech Assets Pty Ltd  
(21) 2020901187 (22) 15.04.2020  
(54) Improved sweetener

(71) Napoli, R.  
(21) 2020901239 (22) 20.04.2020  
(54) VIA NAPOLI CHESTNUT ROASTER

(71) NAUTI-CRAFT PTY LTD  
(21) 2020901290 (22) 24.04.2020  
(54) VESSEL ATTITUDE CONTROL ARRANGEMENT

(71) Neoculi Pty Ltd  
(21) 2020901286 (22) 24.04.2020  
(54) Compounds and Methods for Treating Fungal Infections

(71) NewSouth Innovations Pty Limited  
(21) 2020901206 (22) 16.04.2020  
(54) Method of correcting degradation in a photovoltaic module

(71) Offsite Engineering Solutions Pty Ltd  
(21) 2020901189 (22) 15.04.2020  
(54) Modular Building Non-Habitable

(71) OSMOSIS GROUP HOLDINGS PTY LTD  
(21) 2020901240 (22) 20.04.2020  
(54) Display Assembly

(71) Plantic Technologies Limited  
(21) 2020901287 (22) 24.04.2020  
(54) Starch Compositions

(71) PRETORIUS, P.  
(21) 2020901238 (22) 20.04.2020  
(54) Viral Load Reduction Procedure in Mammals

Protective Shields Pty Ltd see SHIRE EYE & RETINA SPECIALISTS PTY LIMITED  
(21) 2020901261

Protective Shields Pty Ltd see SHIRE EYE & RETINA SPECIALISTS PTY LIMITED  
(21) 2020901284

(71) Queensland University of Technology  
(21) 2020901195 (22) 15.04.2020  
(54) FLUORESCENT MACROMOLECULE AND USES THEREOF

(71) Reeves, B.  
(21) 2020901282 (22) 23.04.2020  
(54) SELF SANITISING CAPACITIVE STYLUS INSTRUMENT

Reiter, G. see Ward, J.  
(21) 2020901204

(71) Roby, D.  
(21) 2020901291 (22) 24.04.2020  
(54) Flat pack clip together brick for building structures of any shape and size

(71) Ryebucks Portables Pty Ltd  
(21) 2020901224 (22) 17.04.2020  
(54) Portable indoor swimming pool structure

(71) SAGE ENTERTAINMENT PTY LTD  
(21) 2020901188 (22) 15.04.2020  
(54) SYSTEM AND METHOD FOR FACILITATING VIRTUAL ATTENDANCE AT AN EVENT

Provisional Applications Filed - Name Index cont'd

(71) Sands Innovations Ltd  
(21) 2020901218 (22) 17.04.2020  
(54) MULTIPLE CONTAINER PACKAGE

(71) Scootboot Pty Ltd  
(21) 2020901269 (22) 22.04.2020  
(54) Equine hoof boot, strap and tensioner therefor

(71) SDI Limited  
(21) 2020901279 (22) 23.04.2020  
(54) NEW DENTAL CAPSULE

(71) Shemula, D.  
(21) 2020901229 (22) 18.04.2020  
(54) Automatic Screen Door Lock Mechanism

(71) SHIRE EYE & RETINA SPECIALISTS PTY LIMITED; Protective Shields Pty Ltd  
(21) 2020901261 (22) 22.04.2020  
(54) A device designed to be carried to open doors and press lift buttons without direct touch, with a mechanism to isolate the device once used to prevent cross-contamination and infection spread

(71) SHIRE EYE & RETINA SPECIALISTS PTY LIMITED; Protective Shields Pty Ltd  
(21) 2020901284 (22) 23.04.2020  
(54) A physical barrier to reduce the risk of transmission of respiratory droplet transmissions between the patient and the clinician performing the test during optical coherence tomography (OCT) and/or retinal fundus imaging.

(71) Sinext Pty Ltd  
(21) 2020901196 (22) 15.04.2020  
(54) Signage assembly

(71) smartDNA Pty Ltd  
(21) 2020901205 (22) 16.04.2020  
(54) QUERCETIN ENHANCEMENT FORMULATION

(71) Smarter Business Holdings Pty Ltd  
(21) 2020901270 (22) 22.04.2020  
(54) SYSTEM FOR MULTI-DIMENSIONAL MANAGEMENT OF DOCUMENTS

(71) Solisium Group Pty Ltd  
(21) 2020901182 (22) 14.04.2020  
(54) A Portable Food Service Module

(71) Starpharma Pty Ltd  
(21) 2020901194 (22) 15.04.2020  
(54) METHOD OF PROPHYLAXIS OF CORONAVIRUS INFECTION

(71) Steel and Rural Australia Pty Ltd  
(21) 2020901281 (22) 23.04.2020  
(54) A Fence Post

(71) STYLERIDE PTY LTD  
(21) 2020901203 (22) 16.04.2020  
(54) A fixed or removable flexible vertical or horizontal clear screen that acts as a shield and divider between seats used in mass people transport, such as bus, train, tram, ambulance, prisoner and ferry passenger seats. The screen is specifically intended to increase transport capacity whilst supporting requirements of social distancing by acting as a barrier to potential transmission of air born particles between passengers and can be readily cleaned and disinfected between uses.

(71) Sunny Industrial Engineering Co. Ltd  
(21) 2020901227 (22) 17.04.2020  
(54) A new fin

(71) Tarmore Ltd  
(21) 2020901213 (22) 16.04.2020  
(54) Dispensing of Controlled/Restricted Items

(71) The Council of the Queensland Institute of Medical Research  
(21) 2020901217 (22) 17.04.2020  
(54) IMMUNE CELLS WITH ENHANCED FUNCTION

(71) Trihey, A.  
(21) 2020901179 (22) 14.04.2020  
(54) High Pressure shower water and energy saving storage reservoir 3

(71) UFG Group Pty Ltd  
(21) 2020901184 (22) 14.04.2020  
(54) Pest Management System

Veltjens, V. see Veltjens, K.  
(21) 2020901231

(71) Veltjens, K.; Veltjens, V.  
(21) 2020901231 (22) 19.04.2020  
(54) Intermodal Ports

(71) VENDING ON TRACK PTY LTD  
(21) 2020901275 (22) 23.04.2020  
(54) Device, System and Method for a Vending Machine

(71) Ward, J.; Reiter, G.  
(21) 2020901204 (22) 16.04.2020  
(54) A method, apparatus and system for collecting atmospheric water II

(71) Weller, W.  
(21) 2020901274 (22) 23.04.2020  
(54) A FLOOR PANEL AND METHODS OF USE THEREOF

(71) Windthrust Ltd  
(21) 2020901271 (22) 22.04.2020  
(54) A SELF-PROPELLED FLOATING STRUCTURE AND METHOD OF CONSTRUCTION

(71) WLS Intellectual Property Limited  
(21) 2020901192 (22) 15.04.2020  
(54) LIFT SHAFT SCAFFOLDING AND RELATED SAFETY RAIL INSTALLATION

(71) Woolven, B.  
(21) 2020901183 (22) 14.04.2020  
(54) Method for Prevention or Treatment of Obesity, Reducing Body Weight and/or Food Intake, or Inducing Satiety in a Subject

(71) Xero Limited  
(21) 2020901197 (22) 15.04.2020  
(54) Systems, computer-implemented methods and computer programs for capital management

(71) Xero Limited  
(21) 2020901198 (22) 15.04.2020  
(54) Systems and methods for determining entity attribute representations

(71) Xero Limited  
(21) 2020901200 (22) 15.04.2020  
(54) Systems and methods for determining entity characteristics

(71) Yeomans, A.  
(21) 2020901211 (22) 16.04.2020  
(54) METHOD OF CALIBRATING AND OPERATING APPARATUS FOR USE IN ASSESSING THE CARBON CONTENT OF SOILS

(71) Young Henrys Brewing Company Pty Ltd  
(21) 2020901241 (22) 20.04.2020  
(54) Processes for carbon dioxide capture



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<b>2020901179</b>	Trihey, A.	<b>2020901247</b>	CALIX LTD
<b>2020901180</b>	Jindex Pty Limited	<b>2020901248</b>	Hunter, M.
<b>2020901181</b>	Alcoa of Australia Limited	<b>2020901249</b>	L&SCREATIONS PTY LTD
<b>2020901182</b>	Solisium Group Pty Ltd	<b>2020901250</b>	Canning, J.
<b>2020901183</b>	Woolven, B.	<b>2020901251</b>	INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD.
<b>2020901184</b>	UFG Group Pty Ltd	<b>2020901252</b>	Ebokolo-Jecop, A.M.
<b>2020901185</b>	Ahn, J.	<b>2020901253</b>	Bestview Investments Pty Ltd
<b>2020901186</b>	Canva Pty Ltd	<b>2020901254</b>	Galligan, A.
<b>2020901187</b>	Mycelium Biotech Assets Pty Ltd	<b>2020901255</b>	Element 25 Limited
<b>2020901188</b>	SAGE ENTERTAINMENT PTY LTD	<b>2020901256</b>	Canva Pty Ltd.
<b>2020901189</b>	Offsite Engineering Solutions Pty Ltd	<b>2020901257</b>	Hart, N.
<b>2020901190</b>	Montgomery, M.	<b>2020901258</b>	EAA Research Engineer Pty Ltd
<b>2020901191</b>	Grouse, J.	<b>2020901259</b>	Le Bourhis, E.
<b>2020901192</b>	WLS Intellectual Property Limited	<b>2020901260</b>	Clayton, B.
<b>2020901193</b>	Design Flow Pty Ltd	<b>2020901261</b>	SHIRE EYE & RETINA SPECIALISTS PTY LIMITED; Protective Shields Pty Ltd
<b>2020901194</b>	Starpharma Pty Ltd	<b>2020901262</b>	EL-AHMAD, Z.K.S.
<b>2020901195</b>	Queensland University of Technology	<b>2020901263</b>	Gay, N.
<b>2020901196</b>	Sinext Pty Ltd	<b>2020901264</b>	Kilmartin, J.
<b>2020901197</b>	Xero Limited	<b>2020901265</b>	Monash University
<b>2020901198</b>	Xero Limited	<b>2020901266</b>	CHAITANYA, V.N.; MOHAN, M.S.
<b>2020901199</b>	Bovell, D.	<b>2020901267</b>	Breville Pty Limited
<b>2020901200</b>	Xero Limited	<b>2020901268</b>	Aristocrat Technologies Australia Pty Limited; Aristocrat Technologies, Inc.
<b>2020901201</b>	Diamond, T.	<b>2020901269</b>	Scootboot Pty Ltd
<b>2020901202</b>	Field Orthopaedics Pty Ltd	<b>2020901270</b>	Smarter Business Holdings Pty Ltd
<b>2020901203</b>	STYLERIDE PTY LTD	<b>2020901271</b>	Windthrust Ltd
<b>2020901204</b>	Ward, J.; Reiter, G.	<b>2020901272</b>	FASTBRICK IP PTY LTD
<b>2020901205</b>	smartDNA Pty Ltd	<b>2020901273</b>	Blaser Pty Ltd
<b>2020901206</b>	NewSouth Innovations Pty Limited	<b>2020901274</b>	Weller, W.
<b>2020901207</b>	Bailey, R.	<b>2020901275</b>	VENDING ON TRACK PTY LTD
<b>2020901208</b>	BFRE Pty Ltd	<b>2020901276</b>	Canva Pty Ltd
<b>2020901209</b>	Australia and New Zealand Banking Group Limited	<b>2020901277</b>	DYWIDAG-Systems International Pty Limited
<b>2020901210</b>	Bradken Resources Pty Limited	<b>2020901278</b>	Monash University
<b>2020901211</b>	Yeomans, A.	<b>2020901279</b>	SDI Limited
<b>2020901212</b>	Marriott, L.	<b>2020901280</b>	Mijac Investments Pty Ltd
<b>2020901213</b>	Tarmore Ltd	<b>2020901281</b>	Steel and Rural Australia Pty Ltd
<b>2020901214</b>	Cyborg Dynamics Engineering Pty Ltd	<b>2020901282</b>	Reeves, B.
<b>2020901215</b>	Flinders University of South Australia	<b>2020901283</b>	Innovently Pty Ltd
<b>2020901216</b>	Carina Biotech Pty Ltd	<b>2020901284</b>	SHIRE EYE & RETINA SPECIALISTS PTY LIMITED; Protective Shields Pty Ltd
<b>2020901217</b>	The Council of the Queensland Institute of Medical Research	<b>2020901285</b>	Hein, W.
<b>2020901218</b>	Sands Innovations Ltd	<b>2020901286</b>	Neoculi Pty Ltd
<b>2020901219</b>	Glencore Technology Pty Limited	<b>2020901287</b>	Plantic Technologies Limited
<b>2020901220</b>	Glencore Technology Pty Limited	<b>2020901288</b>	4 Farmers Australia Pty Limited
<b>2020901221</b>	InDesign Technologies Pty Ltd	<b>2020901289</b>	Clinotec Pty Ltd
<b>2020901222</b>	Cosmetic Edge Pty Ltd	<b>2020901290</b>	NAUTI-CRAFT PTY LTD
<b>2020901223</b>	Long, T.; Long, K.	<b>2020901291</b>	Roby, D.
<b>2020901224</b>	Ryebucks Portables Pty Ltd	<b>2020901292</b>	Advance NanoTek Ltd.
<b>2020901225</b>	GeneWorks Pty Ltd	<b>2020901293</b>	Commonwealth Scientific and Industrial Research Organisa- tion
<b>2020901226</b>	GeneWorks Pty Ltd	<b>2020901294</b>	Allen, G.
<b>2020901227</b>	Sunny Industrial Engineering Co. Ltd	<b>2020901295</b>	Ehret, S.A.
<b>2020901228</b>	Hong, M.; Blue Eagle Technologies Pty Limited	<b>2020901309</b>	Dower, W.
<b>2020901229</b>	Shemula, D.		
<b>2020901230</b>	Gauldie, M.; Gauldie, S.		
<b>2020901231</b>	Veltjens, K.; Veltjens, V.		
<b>2020901232</b>	Goodcart Pty Ltd		
<b>2020901233</b>	Blakey, M.		
<b>2020901234</b>	Achurch, R.		
<b>2020901235</b>	May, B.		
<b>2020901236</b>	Khalil, M.		
<b>2020901237</b>	Monash University		
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<b>2020901239</b>	Napoli, R.		
<b>2020901240</b>	OSMOSIS GROUP HOLDINGS PTY LTD		
<b>2020901241</b>	Young Henrys Brewing Company Pty Ltd		
<b>2020901242</b>	Miners, A.		
<b>2020901243</b>	Duogenic StemCells Corporation		
<b>2020901244</b>	GWR Pty Ltd		
<b>2020901245</b>	Microsystem Controls Pty Ltd		
<b>2020901246</b>	Microsystem Controls Pty Ltd		

**Complete Applications Filed**

**Name Index**

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

. (\*) Title not in Roman characters

. (\*\*) Title not given

(71) AbbVie Inc. (21) 2020202560 (22) 16.04.2020 (54) Methods for treating HCV (62) 2015240753	ALLY SELECT INSTANCES OF DETECTED OBJECTS IN IMAGES (31) 16/518,850 (32) 22.07.19 (33) US	(71) Amgen Inc. (21) 2020202687 (22) 22.04.2020 (54) Device and method for making aseptic connections (62) 2016226293
(71) AbbVie Inc. (21) 2020202584 (22) 16.04.2020 (54) Nuclear receptor modulators (62) 2016276316	(71) Adobe Inc. (21) 2020202602 (22) 17.04.2020 (54) CLASSIFYING COLORS OF OBJECTS IN DIGITAL IMAGES (31) 16/518,795 (32) 22.07.19 (33) US	<b>Angus, B. see Montali Da Assumpcao, M.</b> (21) 2020202646
(71) Ab Initio Technology LLC (21) 2020202678 (22) 21.04.2020 (54) MANAGING COMPUTATIONS FOR HIERARCHICAL ENTITIES (62) 2015311906	(71) Adobe Inc. (21) 2020202658 (22) 21.04.2020 (54) AUTOMATICALLY DETECTING USER-REQUESTED OBJECTS IN IMAGES (31) 16/518,810 (32) 22.07.19 (33) US	(71) Apple Inc. (21) 2020202550 (22) 15.04.2020 (54) Inductive power transmitter (62) 2017248083
(71) Able High International Ltd (21) 2020202546 (22) 15.04.2020 (54) Stackable container with anti-sticking rim (31) 2019901307 (32) 16.04.19 (33) AU	(71) Adobe Inc. (21) 2020202660 (22) 21.04.2020 (54) Image Modification Styles Learned from A Limited Set of Modified Images (31) 16/453,398 (32) 26.06.19 (33) US	(71) Apple Inc. (21) 2020202551 (22) 15.04.2020 (54) Method for representing points of interest in a view of a real environment on a mobile device and mobile device therefor (62) 2017261608
(71) Ablynx NV (21) 2020202570 (22) 16.04.2020 (54) Improved immunoglobulin variable domains (62) 2018204226	(71) Aimmune Therapeutics, Inc. (21) 2020202685 (22) 22.04.2020 (54) Manufacture of peanut formulations for oral desensitization (62) 2018222980	(71) Apple Inc. (21) 2020202585 (22) 16.04.2020 (54) Electronic device display with extended active area (62) 2016331767
(71) Accenture Global Solutions Limited (21) 2020202699 (22) 22.04.2020 (54) DECENTRALIZED SUPPLY CHAIN FOR THREE-DIMENSIONAL PRINTING BASED ON DISTRIBUTED LEDGER TECHNOLOGY (62) 2018282473	(71) Aktiebolaget Electrolux (21) 2020202662 (22) 21.04.2020 (54) IMPROVED BARBECUE AND BARBECUE COMPONENTS (62) 2018247280	(71) Apple Inc. (21) 2020202594 (22) 16.04.2020 (54) Voice coil motor optical image stabilization (62) 2019200955
(71) Actelion Pharmaceuticals Ltd (21) 2020202684 (22) 22.04.2020 (54) Dosing regimen for a selective S1P1 receptor agonist (62) 2015359346	(71) Alibaba Group Holding Limited (21) 2020202605 (22) 17.04.2020 (54) User data sharing method and device (62) 2016364120	(71) Apple Inc. (21) 2020202674 (22) 21.04.2020 (54) Interlock features of a portable electronic device (62) 2017324146
(71) Adamis Pharmaceuticals Corporation (21) 2020202668 (22) 21.04.2020 (54) SYRINGE DEVICES (62) 2019203244	(71) Alkermes Pharma Ireland Limited (21) 2020202577 (22) 16.04.2020 (54) Aripiprazole formulations having increased injection speeds (62) 2015231278	(71) Ariosa Diagnostics, Inc. (21) 2020202587 (22) 16.04.2020 (54) Noninvasive detection of fetal aneuploidy in egg donor pregnancies (62) 2013363007
(71) Adobe Inc. (21) 2020202601 (22) 17.04.2020 (54) UTILIZING OBJECT ATTRIBUTE DETECTION MODELS TO AUTOMATIC-	(71) Amgen Inc. (21) 2020202641 (22) 20.04.2020 (54) Combination of Epigenetic Factors And Bispecific Compounds Targeting CD33 And CD3 In the Treatment Of Myeloid Leukaemia (62) 2014320246	(71) Aristocrat Technologies Australia Pty Limited (21) 2020202582 (22) 16.04.2020 (54) OVERHEAD DISPLAY HAVING CONCENTRIC INNER AND OUTER DIS-

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PLAYS AND ASSOCIATED SYSTEMS  
AND METHODS  
(31) 16/385,976 (32) 16.04.19 (33) US

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2020202675 (22) 21.04.2020  
(54) A GAMING SYSTEM AND METHOD OF GAMING  
(62) 2018202352

(71) AstraZeneca AB  
(21) 2020202564 (22) 16.04.2020  
(54) METHODS FOR IMPROVING ASTHMA SYMPTOMS USING BENRALIZUMAB  
(62) 2014306960

(71) AstraZeneca AB; AstraZeneca UK Limited  
(21) 2020202589 (22) 16.04.2020  
(54) BILAYER TABLET FORMULATIONS  
(62) 2017268541

**AstraZeneca UK Limited see AstraZeneca AB**  
(21) 2020202589

(71) Battery Research Technology Limited  
(21) 2020202672 (22) 21.04.2020  
(54) BATTERY  
(62) 2015286101

**Baxalta GmbH see Baxalta Incorporated**  
(21) 2020202664

(71) Baxalta Incorporated; Baxalta GmbH  
(21) 2020202664 (22) 21.04.2020  
(54) PROVIDING A PHARMACOKINETIC DRUG DOSING REGIMEN  
(62) 2017272293

(71) Beachy, B.  
(21) 2020202689 (22) 22.04.2020  
(54) Apparatus for artificial insemination of mammals and method for making the same  
(31) 16/392,374 (32) 23.04.19 (33) US

(71) Becton, Dickinson and Company  
(21) 2020202633 (22) 19.04.2020  
(54) Invasive medical device cover with magnet  
(62) 2017262637

(71) Beyer, W.; Missing, J.  
(21) 2020202627 (22) 17.04.2020  
(54) System and method for retrievable storage, detection and reproduction of information for advertising media and information media  
(62) 2014273597

(71) Board of Regents, The University of Texas System  
(21) 2020202653 (22) 20.04.2020  
(54) TRANSPOSASE POLYPEPTIDES AND USES THEREOF  
(62) 2016229094

(71) Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California  
(21) 2020202648 (22) 20.04.2020  
(54) COMPOUNDS, COMPOSITIONS, AND METHODS FOR THE TREATMENT OF INFLAMMATORY, DEGENERATIVE, AND NEURODEGENERATIVE DISEASES  
(62) 2016219517

(71) Boston Scientific Scimed, Inc.  
(21) 2020202640 (22) 20.04.2020  
(54) Medical device and methods  
(62) 2018260831

(71) BPAY Group Limited  
(21) 2020202711 (22) 23.04.2020  
(54) Payment requests  
(62) 2018201523

(71) BPAY Group Pty Ltd  
(21) 2020202575 (22) 16.04.2020  
(54) Online payment  
(62) 2018201463

(71) Buckman Laboratories International, Inc.  
(21) 2020202612 (22) 17.04.2020  
(54) Microbicidal aqueous solutions including a monochloramine and a peracid, and methods of using the same  
(62) 2016343975

(71) Cartiva, Inc.  
(21) 2020202561 (22) 16.04.2020  
(54) Tooling for creating tapered opening in tissue and related methods  
(62) 2016248062

(71) CFPH, LLC.  
(21) 2020202645 (22) 20.04.2020  
(54) GAMES USING FINANCIAL INDICATORS AS RANDOM NUMBER GENERATORS  
(62) 2018202395

(71) ClearStream Technologies Limited  
(21) 2020202567 (22) 16.04.2020  
(54) A laminate membrane, an implant comprising the laminate membrane and a method of manufacturing the same  
(62) 2018269863

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2020202698 (22) 22.04.2020  
(54) Machine Guidance Integration  
(31) 2019902545 (32) 18.07.19 (33) AU

(71) Covidien LP  
(21) 2020202569 (22) 16.04.2020  
(54) Surgical stapling device  
(31) 16/839,253 (32) 03.04.20 (33) US  
62/844,879 08.05.19 US

(71) Covidien LP  
(21) 2020202586 (22) 16.04.2020  
(54) Valve assembly and retainer for surgical access assembly  
(31) 16/448,654 (32) 21.06.19 (33) US

(71) Covidien LP  
(21) 2020202590 (22) 16.04.2020  
(54) Reload assembly injection moulded strain gauge  
(31) 16/448,485 (32) 21.06.19 (33) US

(71) Covidien LP  
(21) 2020202591 (22) 16.04.2020  
(54) Seal assemblies for surgical access assemblies  
(31) 16/448,968 (32) 21.06.19 (33) US

(71) Covidien LP  
(21) 2020202592 (22) 16.04.2020  
(54) Seals for surgical access assemblies  
(31) 16/448,864 (32) 21.06.19 (33) US

(71) Covidien LP  
(21) 2020202624 (22) 17.04.2020  
(54) Valve assemblies for surgical access assemblies  
(31) 16/448,782 (32) 21.06.19 (33) US

(71) Covidien LP  
(21) 2020202631 (22) 17.04.2020  
(54) Surgical stapling device  
(31) 16/839,332 (32) 03.04.20 (33) US  
62/844,870 08.05.19 US

(71) Cox Automotive, Inc.  
(21) 2020202629 (22) 17.04.2020  
(54) Systems and methods for automatic vehicle imaging  
(62) 2015360321

(71) Dana-Farber Cancer Institute, Inc.  
(21) 2020202703 (22) 22.04.2020  
(54) Compositions and methods for modulating thermogenesis using PTH-related and EGF-related molecules  
(62) 2014296288

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(71) DANA-FARBER CANCER INSTITUTE, INC. (21) 2020202676 (22) 21.04.2020 (54) METHODS FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF NEUROLOGICAL DISORDERS AND DISEASES USING FNDC5 (62) 2014329606	(54) Personal Earthing Strap (31) 2019901293 (32) 15.04.19 (33) AU	(71) Foundation Medicine, Inc. (21) 2020202555 (22) 15.04.2020 (54) Novel fusion molecules and uses thereof (62) 2018203653
(71) Deere & Company (21) 2020202545 (22) 15.04.2020 (54) Control system for controlling a crane assembly, method for controlling a crane assembly and working vehicle (31) 19170268.7 (32) 18.04.19 (33) EP	(71) Enable Injections, Inc. (21) 2020202709 (22) 22.04.2020 (54) VIAL TRANSFER AND INJECTION APPARATUS AND METHOD (62) 2018278883	(71) Fractyl Laboratories, Inc. (21) 2020202563 (22) 16.04.2020 (54) HEAT ABLATION SYSTEMS, DEVICES AND METHODS FOR THE TREATMENT OF TISSUE (62) 2018200371
(71) Deere & Company (21) 2020202548 (22) 15.04.2020 (54) Seed meter assembly and metering member for small grains (31) 16/409,418 (32) 10.05.19 (33) US	(71) F. Hoffmann-La Roche AG (21) 2020202707 (22) 22.04.2020 (54) Heteroaryl pyridone and aza-pyridone compounds as inhibitors of Btk activity (62) 2019216728	(71) FRED HUTCHINSON CANCER RESEARCH CENTER (21) 2020202652 (22) 20.04.2020 (54) Compositions, kits, and methods to induce acquired cytoresistance using stress protein inducers (62) 2015324103
(71) Deere & Company (21) 2020202557 (22) 16.04.2020 (54) Single disk fertilizer opener for an agricultural planter (31) 16/402,777 (32) 03.05.19 (33) US	(71) Facebook, Inc. (21) 2020202623 (22) 17.04.2020 (54) Techniques For Dynamic Zero-Rated Server Clusters (62) 2015397217	(71) Genzyme Corporation (21) 2020202568 (22) 16.04.2020 (54) Methods and systems for processing a cell culture (62) 2014318420
(71) Deere & Company (21) 2020202610 (22) 17.04.2020 (54) Single disk fertilizer opener for an agricultural planter (31) 16/402,803 (32) 03.05.19 (33) US	(71) Facebook, Inc. (21) 2020202649 (22) 20.04.2020 (54) Portable Platform For Networked Computing (62) 2018201728	(71) Genzyme Corporation (21) 2020202705 (22) 22.04.2020 (54) SERPINC1 IRNA COMPOSITIONS AND METHODS OF USE THEREOF (62) 2018200469
(71) Deere & Company (21) 2020202615 (22) 17.04.2020 (54) Information inference for agronomic data generation in sugarcane applications (31) 16/393,364 (32) 24.04.19 (33) US	(71) Falcon Golf, LLC (21) 2020202628 (22) 17.04.2020 (54) GOLF BALL LIFTING DEVICE FOR THE REMOVAL OF GOLF BALLS WITH THE FLAGSTICK IN PLACE (31) 62/835,391 (32) 17.04.19 (33) US 62/858,688 07.06.19 US 62/954,369 27.12.19 US 62/958,365 08.01.20 US 63/003,847 01.04.20 US	(71) Gilead Sciences, Inc. (21) 2020202600 (22) 17.04.2020 (54) 2'-fluoro substituted carba-nucleoside analogs for antiviral treatment (62) 2018204449
(71) Deere & Company (21) 2020202619 (22) 17.04.2020 (54) Method and system for controlling tool (31) 19174505.8 (32) 14.05.19 (33) EP	(71) FCI Holdings Delaware, Inc. (21) 2020202632 (22) 17.04.2020 (54) END FITTING FOR A CABLE BOLT ASSEMBLY (31) 2019901418 (32) 26.04.19 (33) AU	(71) Gilead Sciences, Inc. (21) 2020202618 (22) 17.04.2020 (54) FXR (NR1H4) modulating compounds (62) 2017284109
(71) Dexcom, Inc. (21) 2020202553 (22) 15.04.2020 (54) Transcutaneous analyte sensors and monitors, calibration thereof, and associated methods (62) 2016321249	(71) Fisher & Paykel Healthcare Limited (21) 2020202690 (22) 22.04.2020 (54) Medical tubes for respiratory systems (62) 2015232050	(71) Google Technology Holdings LLC (21) 2020202562 (22) 16.04.2020 (54) Enhanced image capture (62) 2018203279
(71) Dorai Home, Inc. (21) 2020202625 (22) 17.04.2020 (54) Drying appliance (31) 62/828,245 (32) 02.04.19 (33) US 16/838,737 02.04.20 US	(71) Foundation Medicine, Inc. (21) 2020202544 (22) 15.04.2020 (54) Novel NTRK1 fusion molecules and uses thereof (62) 2018203650	(71) GPCP IP Holdings LLC (21) 2020202606 (22) 17.04.2020 (54) SOFT, ABSORBENT SHEETS HAVING HIGH ABSORBENCY AND HIGH CALIPER, AND METHODS OF MAKING SOFT, ABSORBENT SHEETS (62) 2018271325
(71) Earthling 3.0 Pty Ltd (21) 2020202588 (22) 16.04.2020		(71) GPCP IP Holdings LLC (21) 2020202607 (22) 17.04.2020 (54) SOFT, ABSORBENT SHEETS HAVING HIGH ABSORBENCY AND HIGH CAL-

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IPER, AND METHODS OF MAKING  
SOFT, ABSORBENT SHEETS  
(62) 2018271325

(71) Grünenthal GmbH  
(21) 2020202700 (22) 22.04.2020  
(54) Salts or co-crystals of 3-(3-dimethyl-  
amino-1-ethyl-2-methyl-propyl)-phenol  
(62) 2018220053

(71) Guangzhou Cellprotek Pharmaceutical Co.,  
Ltd  
(21) 2020202576 (22) 16.04.2020  
(54) THE HEXOKINASE 2-SPECIFIC IN-  
HIBITOR LONIDAMINE FOR USE IN  
ACUTE CENTRAL NERVOUS SYSTEM  
INJURY  
(62) 2018223394

(71) Hanmi Pharm. Co., Ltd  
(21) 2020202581 (22) 16.04.2020  
(54) IGG4 FC Fragment Comprising Modified  
Hinge Region  
(62) 2018220146

(71) Hartman, R.  
(21) 2020202644 (22) 20.04.2020  
(54) Wakeboat Engine Powered Ballasting Ap-  
paratus and Methods  
(62) 2017225097

(71) Huawei Technologies Co., Ltd.  
(21) 2020202599 (22) 17.04.2020  
(54) SERVICE PROCESSING METHOD AND  
NETWORK DEVICE  
(31) 201910320133.X (32) 19.04.19 (33) CN

(71) Hunter Douglas Inc.  
(21) 2020202608 (22) 17.04.2020  
(54) Motor assemblies for architectural cover-  
ings  
(31) 62/836,343 (32) 19.04.19 (33) US

(71) IGM Biosciences Inc  
(21) 2020202667 (22) 21.04.2020  
(54) CD20 BINDING MOLECULES AND  
USES THEREOF  
(62) 2016226060

(71) IPCO 2012 Limited  
(21) 2020202554 (22) 15.04.2020  
(54) A system, method and computer program  
product for receiving electronic messages  
(62) 2015365698

(71) Jackson III, A.  
(21) 2020202552 (22) 15.04.2020  
(54) Illuminated endoscopic pedicle probe with  
replaceable tip  
(62) 2019226274

(71) Johnson & Johnson GmbH  
(21) 2020202670 (22) 21.04.2020  
(54) Method of shaping a tampon for feminine  
hygiene  
(62) 2015346420

(71) JVC Kenwood Corporation  
(21) 2020202671 (22) 21.04.2020  
(54) Picture Decoding Device, Picture Decoding  
Method, and Picture Decoding Program  
(62) 2019200733

(71) Kolon TissueGene, Inc.  
(21) 2020202622 (22) 17.04.2020  
(54) Primed cell therapy  
(62) 2018203611

(71) Koninklijke Philips N.V.  
(21) 2020202706 (22) 22.04.2020  
(54) Assessment of cellular signaling pathway  
activity using linear combination(s) of tar-  
get gene expressions  
(62) 2013368945

(71) Latconnect 60 Pty Ltd  
(21) 2020202540 (22) 15.04.2020  
(54) SYSTEM AND METHOD FOR ASSET  
MONITORING THROUGH DIGITAL  
TWIN  
(31) 2019904293 (32) 14.11.19 (33) AU

(71) Liebherr Mining Equipment Newport News  
Co.  
(21) 2020202659 (22) 21.04.2020  
(54) A method for autonomously controlling a  
vehicle  
(31) 16/401,951 (32) 02.05.19 (33) US

(71) Liebherr Mining Equipment Newport News  
Co.  
(21) 2020202666 (22) 21.04.2020  
(54) Interlock system for autonomous vehicle  
(31) 16/412,128 (32) 14.05.19 (33) US

(71) Lifecell Corporation  
(21) 2020202704 (22) 22.04.2020  
(54) Graft materials for surgical breast proced-  
ures  
(62) 2018201713

(71) Lightwave Logic, Inc  
(21) 2020202566 (22) 16.04.2020  
(54) Stable free radical chromophores and mix-  
tures thereof, processes for preparing the  
same, nonlinear optic materials, and uses  
thereof in nonlinear optical applications  
(62) 2018220105

(71) Magic Leap, Inc.  
(21) 2020202634 (22) 20.04.2020  
(54) AUGMENTED AND VIRTUAL REAL-  
ITY DISPLAY SYSTEMS AND METH-

ODS FOR DIAGNOSING HEALTH CON-  
DITIONS BASED ON VISUAL FIELDS  
(62) 2016233268

(71) Mallinckrodt Hospital Products IP Limited  
(21) 2020202541 (22) 15.04.2020  
(54) Apparatus and method for monitoring nitric  
oxide delivery  
(62) 2018204804

(71) MBP (Mauritius) Ltd  
(21) 2020202701 (22) 22.04.2020  
(54) Semi-synthetic powder material, obtained  
by modifying the composition of a natural  
marine biomaterial, method for producing  
same, and applications thereof  
(62) 2016282441

(71) MBP (Mauritius) Ltd  
(21) 2020202702 (22) 22.04.2020  
(54) Semi-synthetic powder material, obtained  
by modifying the composition of a natural  
marine biomaterial, method for producing  
same, and applications thereof  
(62) 2016282441

(71) McIntosh, J.  
(21) 2020202596 (22) 16.04.2020  
(54) Method and apparatus for modification of a  
motor vehicle suspension  
(62) 2018201171

(71) MedicalTree Patent Ltd  
(21) 2020202630 (22) 17.04.2020  
(54) Infusion Of Drugs  
(62) 2019200440

(71) Meridian International Co., Ltd.  
(21) 2020202609 (22) 17.04.2020  
(54) STACKED STORAGE CONTAINER  
LATCH  
(31) 20192211836.7 (32) 27.11.19 (33) CN

(71) Mexichem Fluor S.A. de C.V.  
(21) 2020202580 (22) 16.04.2020  
(54) PHARMACEUTICAL COMPOSITION  
(62) 2017328905

(71) Mexichem Fluor S.A. de C.V.  
(21) 2020202626 (22) 17.04.2020  
(54) PHARMACEUTICAL COMPOSITION  
(62) 2017328907

(71) Mexichem Fluor S.A. de C.V.  
(21) 2020202650 (22) 20.04.2020  
(54) PHARMACEUTICAL COMPOSITION  
(62) 2017328909

(71) Mexichem Fluor S.A. de C.V.  
(21) 2020202651 (22) 20.04.2020

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(54) PHARMACEUTICAL COMPOSITION  
(62) 2017328908

Missing, J. see Beyer, W.  
(21) 2020202627

(71) Montali Da Assumpcao, M.; Angus, B.  
(21) 2020202646 (22) 20.04.2020  
(54) Barista#1 - A television/reality show that uncovers talented Baristas across Australia. Through the journey - we discover who is the number 1 Barista by a series of challenges to be decided by judges. The successful winner receives a grand prize at conclusion of series.

(71) Motorola Solutions, Inc.  
(21) 2020202679 (22) 22.04.2020  
(54) DEVICE, SYSTEM AND METHOD FOR INSTALLING ENCRYPTED DATA  
(31) 16/405,454 (32) 07.05.19 (33) US

(71) NATIONAL RESEARCH COUNCIL OF CANADA  
(21) 2020202593 (22) 16.04.2020  
(54) Swivel mount for centrifugal microfluidic chip  
(62) 2015265539

(71) NEC Corporation  
(21) 2020202558 (22) 16.04.2020  
(54) CONTROLLER AND CONTROL SYSTEM  
(62) 2016341574

(71) Nektar Therapeutics  
(21) 2020202673 (22) 21.04.2020  
(54) Conjugates of an IL-2 moiety and a polymer  
(62) 2018253463

(71) Netflix, Inc.  
(21) 2020202621 (22) 17.04.2020  
(54) Techniques for performing data reconciliation in distributed data store systems  
(62) 2017205975

(71) Netflix, Inc.  
(21) 2020202713 (22) 23.04.2020  
(54) Network security system with remediation based on value of attacked assets  
(62) 2015201095

(71) Novo Nordisk A/S  
(21) 2020202573 (22) 16.04.2020  
(54) Use of long-acting GLP-1 peptides  
(62) 2018202504

(71) Nuvasive, Inc.  
(21) 2020202665 (22) 21.04.2020

(54) SURGICAL ACCESS SYSTEM AND RELATED METHODS  
(62) 2017272294

(71) Obalon Therapeutics, Inc.  
(21) 2020202654 (22) 20.04.2020  
(54) Intragastric device  
(62) 2018202859

(71) Omega Ophthalmics LLC  
(21) 2020202696 (22) 22.04.2020  
(54) Prosthetic capsular devices, systems, and methods  
(62) 2019203495

(71) Oncotherapy Science, Inc.  
(21) 2020202681 (22) 22.04.2020  
(54) CDCA1-derived peptide and vaccine containing same  
(62) 2015300258

(71) P. & B. Marriott Limited  
(21) 2020202686 (22) 22.04.2020  
(54) A CAPSTAN WINCH  
(31) 753398 (32) 10.05.19 (33) NZ

(71) Panduit Corp.  
(21) 2020202694 (22) 22.04.2020  
(54) Absence of voltage detection device  
(31) 62/836,931 (32) 22.04.19 (33) US  
16/847,903 14.04.20 US

(71) Pride Mobility Products Corporation  
(21) 2020202663 (22) 21.04.2020  
(54) Seat positioning system for a wheelchair  
(62) 2017246905

(71) PRINTALY PTY LTD  
(21) 2020202617 (22) 17.04.2020  
(54) Frame assembly for mounting a fabric and the fabric for mounting thereon

(71) Profusa, Inc.  
(21) 2020202697 (22) 22.04.2020  
(54) Tissue-Integrating Sensors  
(62) 2017264987

(71) REBIOTIX, INC.  
(21) 2020202691 (22) 22.04.2020  
(54) Microbiota restoration therapy (MRT), compositions and methods of manufacture  
(62) 2018220114

(71) Reckitt Benckiser (Brands) Limited  
(21) 2020202620 (22) 17.04.2020  
(54) Automatic washing machine and method  
(62) 2015298541

(71) Rookie Me IP Pty Ltd  
(21) 2020202595 (22) 16.04.2020

(54) A computer implemented method of determining athletic aptitude  
(62) 2014328487

(71) Schott AG; SCHOTT Flat Glass CR, s.r.o.  
(21) 2020202636 (22) 20.04.2020  
(54) Swing door system and a freezer device  
(31) 19172797.3 (32) 06.05.19 (33) EP  
202019105967.2 28.10.19 DE

SCHOTT Flat Glass CR, s.r.o. see Schott AG  
(21) 2020202636

(71) SealShield LLC  
(21) 2020202565 (22) 16.04.2020  
(54) UV STERILIZATION SYSTEM AND DEVICE AND RELATED METHODS  
(62) 2018201125

(71) Seer Medical Pty Ltd  
(21) 2020202572 (22) 16.04.2020  
(54) Methods and systems for forecasting seizures  
(62) 2018305723

(71) ServiceNow, Inc.  
(21) 2020202574 (22) 16.04.2020  
(54) Distributed computing system with resource managed database cloning  
(62) 2018247248

(71) Siemens Mobility GmbH  
(21) 2020202547 (22) 15.04.2020  
(54) Method and system for localizing a movable object  
(31) EP19170367.7 (32) 19.04.19 (33) EP

(71) Sloan-Kettering Institute for Cancer Research  
(21) 2020202692 (22) 22.04.2020  
(54) TRITERPENE SAPONINS, METHODS OF SYNTHESIS, AND USES THEREOF  
(62) 2018201645

(71) Snap-on Incorporated  
(21) 2020202710 (22) 22.04.2020  
(54) Ratchet gear reinforcing ring  
(62) 2018202738

(71) Société des Produits Nestlé S.A.  
(21) 2020202559 (22) 16.04.2020  
(54) Systems and methods for ordering and manufacturing custom pet food  
(62) 2018201380

(71) Terex Australia Pty Ltd  
(21) 2020202695 (22) 22.04.2020  
(54) Crane Load Rating System  
(62) 2018217205

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(71) The Board of Trustees of the Leland Stanford Junior University  
 (21) 2020202712 (22) 23.04.2020  
 (54) Treatment of cancer with dual targeting of CD47 and EGFR  
 (62) 2016365829

(71) The Coca-Cola Company  
 (21) 2020202579 (22) 16.04.2020  
 (54) SMALL CARBONATED BEVERAGE PACKAGING WITH ENHANCED SHELF LIFE PROPERTIES  
 (62) 2015296030

(71) The Regents of the University of Colorado, a Body Corporate  
 (21) 2020202614 (22) 17.04.2020  
 (54) Devices and methods for stabilization of an ocular lens capsule and preventing artificial intraocular lens implant rotation post cataract surgery  
 (62) 2016243903

(71) The Trustees of Columbia University in the City of New York  
 (21) 2020202571 (22) 16.04.2020  
 (54) A neural substrate for sugar preference  
 (62) 2015317381

(71) The University of Melbourne  
 (21) 2020202597 (22) 16.04.2020  
 (54) Medical device for sensing and or stimulating tissue  
 (62) 2016341230

(71) TLLC IP Pty Ltd ATF TLLC IP Trust  
 (21) 2020202642 (22) 20.04.2020  
 (54) Mattress Protector  
 (31) 2019901471 (32) 01.05.19 (33) AU

(71) TLS CORP.  
 (21) 2020202682 (22) 22.04.2020  
 (54) EXTRACTING AND ENHANCING A WATERMARK SIGNAL FROM AN OUTPUT SIGNAL OF A WATERMARKING ENCODER  
 (62) 2014360474

(71) Transdev Group  
 (21) 2020202637 (22) 20.04.2020  
 (54) Platform and method for monitoring an infrastructure for transport vehicles, related vehicle, transport system and computer program  
 (31) 19 04475 (32) 26.04.19 (33) FR

(71) Transdev Group  
 (21) 2020202638 (22) 20.04.2020  
 (54) Electronic communication device, related monitoring apparatus, supervision installation, communication method and computer program  
 (31) 19 04351 (32) 25.04.19 (33) FR

(71) Transdev Group  
 (21) 2020202639 (22) 20.04.2020  
 (54) Control device for motor vehicle, motor vehicle, associated control method and computer program  
 (31) 19 04368 (32) 25.04.19 (33) FR

(71) Transocean Innovation Labs Ltd  
 (21) 2020202613 (22) 17.04.2020  
 (54) Advanced blow-out preventer  
 (62) 2018201143

(71) Trellis Bioscience, LLC  
 (21) 2020202611 (22) 17.04.2020  
 (54) Binding moieties for biofilm remediation  
 (62) 2014324761

(71) TuSimple, Inc.  
 (21) 2020202657 (22) 21.04.2020  
 (54) Auditory assistant module for autonomous vehicles  
 (31) 62/839,477 (32) 26.04.19 (33) US

(71) UNITED PARCEL SERVICE OF AMERICA, INC.  
 (21) 2020202603 (22) 17.04.2020  
 (54) SYSTEMS AND METHODS OF MANAGING THE CAPACITY OF ATTENDED DELIVERY/PICKUP LOCATIONS  
 (62) 2014248990

**University of Southern California see Board of Supervisors of Louisiana State University and Agricultural and Mechanical College**  
 (21) 2020202648

(71) University of Washington  
 (21) 2020202688 (22) 22.04.2020  
 (54) Therapeutic nuclease compositions and methods  
 (62) 2018201071

(71) UPM-Kymmene Corporation  
 (21) 2020202635 (22) 20.04.2020  
 (54) CELL CULTURE PLATE, METHOD FOR PREPARING THEREOF AND METHOD FOR DETECTING A SUBSTANCE  
 (31) 19397521.6 (32) 10.06.19 (33) EP

(71) VALCO ACQUISITION LLC  
 (21) 2020202604 (22) 17.04.2020  
 (54) Medical procedure monitoring system  
 (62) 2018200626

(71) Vale S.A.  
 (21) 2020202583 (22) 16.04.2020  
 (54) Tracking and spatial location system of magnetic sensors and tracking and location method  
 (31) 102019007691-7 (32) 16.04.19 (33) BR

(71) Ventana Medical Systems, Inc.  
 (21) 2020202647 (22) 20.04.2020  
 (54) Quinone methide analog signal amplification  
 (62) 2015220750

(71) W. L. Gore & Associates, Inc.; W. L. Gore & Associates GmbH  
 (21) 2020202578 (22) 16.04.2020  
 (54) Cell encapsulation devices containing structural spacers  
 (62) 2017359161

**W. L. Gore & Associates GmbH see W. L. Gore & Associates, Inc.**  
 (21) 2020202578

(71) Weatherford Technology Holdings, LLC  
 (21) 2020202708 (22) 22.04.2020  
 (54) Caliper-Behind-Casing From Pulsed Neutron Apparatus  
 (31) 16/421,829 (32) 24.05.19 (33) US

(71) Weber-Stephen Products LLC  
 (21) 2020202616 (22) 17.04.2020  
 (54) Electric grill with current protection circuitry  
 (62) 2019201672

(71) Westinghouse Air Brake Technologies Corporation  
 (21) 2020202656 (22) 21.04.2020  
 (54) BRAKE CYLINDER WITH PARKING BRAKE MECHANISM  
 (31) 16/400,470 (32) 01.05.19 (33) US

(71) Xendee Corporation  
 (21) 2020202643 (22) 20.04.2020  
 (54) ADAPTIVE MULTIYEAR ECONOMIC PLANNING METHOD FOR ENERGY SYSTEMS, MICROGRID AND DISTRIBUTED ENERGY RESOURCES  
 (31) 62/837,012 (32) 22.04.19 (33) US

(71) Zisman, L.  
 (21) 2020202556 (22) 16.04.2020  
 (54) SPRAY DRY FORMULATIONS  
 (62) 2014331796

(71) Zogenix International Limited  
 (21) 2020202655 (22) 20.04.2020  
 (54) Control system for control of distribution of medication  
 (62) 2015326472

(71) Zurn Industries, LLC  
 (21) 2020202677 (22) 21.04.2020  
 (54) PRESSURE REDUCING VALVE WITH AN INTEGRAL VENTURI  
 (31) 62/843,165 (32) 03.05.19 (33) US

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<b>2020202540</b>	Latconnect 60 Pty Ltd	<b>2020202609</b>	Meridian International Co., Ltd.
<b>2020202541</b>	Mallinckrodt Hospital Products IP Limited	<b>2020202610</b>	Deere & Company
<b>2020202542</b>	Equifax Inc.	<b>2020202611</b>	Trellis Bioscience, LLC
<b>2020202544</b>	Foundation Medicine, Inc.	<b>2020202612</b>	Buckman Laboratories International, Inc.
<b>2020202545</b>	Deere & Company	<b>2020202613</b>	Transocean Innovation Labs Ltd
<b>2020202546</b>	Able High International Ltd	<b>2020202614</b>	The Regents of the University of Colorado, a Body Corporate
<b>2020202547</b>	Siemens Mobility GmbH	<b>2020202615</b>	Deere & Company
<b>2020202548</b>	Deere & Company	<b>2020202616</b>	Weber-Stephen Products LLC
<b>2020202550</b>	Apple Inc.	<b>2020202617</b>	PRINTALY PTY LTD
<b>2020202551</b>	Apple Inc.	<b>2020202618</b>	Gilead Sciences, Inc.
<b>2020202552</b>	Jackson III, A.	<b>2020202619</b>	Deere & Company
<b>2020202553</b>	Dexcom, Inc.	<b>2020202620</b>	Reckitt Benckiser (Brands) Limited
<b>2020202554</b>	IPCO 2012 Limited	<b>2020202621</b>	Netflix, Inc.
<b>2020202555</b>	Foundation Medicine, Inc.	<b>2020202622</b>	Kolon TissueGene, Inc.
<b>2020202556</b>	Zisman, L.	<b>2020202623</b>	Facebook, Inc.
<b>2020202557</b>	Deere & Company	<b>2020202624</b>	Covidien LP
<b>2020202558</b>	NEC Corporation	<b>2020202625</b>	Dorai Home, Inc.
<b>2020202559</b>	Société des Produits Nestlé S.A.	<b>2020202626</b>	Mexichem Fluor S.A. de C.V.
<b>2020202560</b>	AbbVie Inc.	<b>2020202627</b>	Beyer, W.; Missing, J.
<b>2020202561</b>	Cartiva, Inc.	<b>2020202628</b>	Falcon Golf, LLC
<b>2020202562</b>	Google Technology Holdings LLC	<b>2020202629</b>	Cox Automotive, Inc.
<b>2020202563</b>	Fractyl Laboratories, Inc.	<b>2020202630</b>	MedicalTree Patent Ltd
<b>2020202564</b>	AstraZeneca AB	<b>2020202631</b>	Covidien LP
<b>2020202565</b>	SealShield LLC	<b>2020202632</b>	FCI Holdings Delaware, Inc.
<b>2020202566</b>	Lightwave Logic, Inc	<b>2020202633</b>	Becton, Dickinson and Company
<b>2020202567</b>	ClearStream Technologies Limited	<b>2020202634</b>	Magic Leap, Inc.
<b>2020202568</b>	Genzyme Corporation	<b>2020202635</b>	UPM-Kymmene Corporation
<b>2020202569</b>	Covidien LP	<b>2020202636</b>	Schott AG; SCHOTT Flat Glass CR, s.r.o.
<b>2020202570</b>	Ablynx NV	<b>2020202637</b>	Transdev Group
<b>2020202571</b>	The Trustees of Columbia University in the City of New York	<b>2020202638</b>	Transdev Group
<b>2020202572</b>	Seer Medical Pty Ltd	<b>2020202639</b>	Transdev Group
<b>2020202573</b>	Novo Nordisk A/S	<b>2020202640</b>	Boston Scientific Scimed, Inc.
<b>2020202574</b>	ServiceNow, Inc.	<b>2020202641</b>	Amgen Inc.
<b>2020202575</b>	BPAY Group Pty Ltd	<b>2020202642</b>	TLLC IP Pty Ltd ATF TLLC IP Trust
<b>2020202576</b>	Guangzhou Cellprotek Pharmaceutical Co., Ltd	<b>2020202643</b>	Xendee Corporation
<b>2020202577</b>	Alkermes Pharma Ireland Limited	<b>2020202644</b>	Hartman, R.
<b>2020202578</b>	W. L. Gore & Associates, Inc.; W. L. Gore & Associates GmbH	<b>2020202645</b>	CFPH, LLC.
<b>2020202579</b>	The Coca-Cola Company	<b>2020202646</b>	Montali Da Assumpcao, M.; Angus, B.
<b>2020202580</b>	Mexichem Fluor S.A. de C.V.	<b>2020202647</b>	Ventana Medical Systems, Inc.
<b>2020202581</b>	Hanmi Pharm. Co., Ltd	<b>2020202648</b>	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California
<b>2020202582</b>	Aristocrat Technologies Australia Pty Limited	<b>2020202649</b>	Facebook, Inc.
<b>2020202583</b>	Vale S.A.	<b>2020202650</b>	Mexichem Fluor S.A. de C.V.
<b>2020202584</b>	AbbVie Inc.	<b>2020202651</b>	Mexichem Fluor S.A. de C.V.
<b>2020202585</b>	Apple Inc.	<b>2020202652</b>	FRED HUTCHINSON CANCER RESEARCH CENTER
<b>2020202586</b>	Covidien LP	<b>2020202653</b>	Board of Regents, The University of Texas System
<b>2020202587</b>	Ariosa Diagnostics, Inc.	<b>2020202654</b>	Obalon Therapeutics, Inc.
<b>2020202588</b>	Earthling 3.0 Pty Ltd	<b>2020202655</b>	Zogenix International Limited
<b>2020202589</b>	AstraZeneca AB; AstraZeneca UK Limited	<b>2020202656</b>	Westinghouse Air Brake Technologies Corporation
<b>2020202590</b>	Covidien LP	<b>2020202657</b>	TuSimple, Inc.
<b>2020202591</b>	Covidien LP	<b>2020202658</b>	Adobe Inc.
<b>2020202592</b>	Covidien LP	<b>2020202659</b>	Liebherr Mining Equipment Newport News Co.
<b>2020202593</b>	NATIONAL RESEARCH COUNCIL OF CANADA	<b>2020202660</b>	Adobe Inc.
<b>2020202594</b>	Apple Inc.	<b>2020202662</b>	Aktiebolaget Electrolux
<b>2020202595</b>	Rookie Me IP Pty Ltd	<b>2020202663</b>	Pride Mobility Products Corporation
<b>2020202596</b>	McIntosh, J.	<b>2020202664</b>	Baxalta Incorporated; Baxalta GmbH
<b>2020202597</b>	The University of Melbourne	<b>2020202665</b>	Nuvasive, Inc.
<b>2020202599</b>	Huawei Technologies Co., Ltd.	<b>2020202666</b>	Liebherr Mining Equipment Newport News Co.
<b>2020202600</b>	Gilead Sciences, Inc.	<b>2020202667</b>	IGM Biosciences Inc
<b>2020202601</b>	Adobe Inc.	<b>2020202668</b>	Adamis Pharmaceuticals Corporation
<b>2020202602</b>	Adobe Inc.	<b>2020202670</b>	Johnson & Johnson GmbH
<b>2020202603</b>	UNITED PARCEL SERVICE OF AMERICA, INC.	<b>2020202671</b>	JVC Kenwood Corporation
<b>2020202604</b>	VALCO ACQUISITION LLC	<b>2020202672</b>	Battery Research Technology Limited
<b>2020202605</b>	Alibaba Group Holding Limited	<b>2020202673</b>	Nektar Therapeutics
<b>2020202606</b>	GPCP IP Holdings LLC	<b>2020202674</b>	Apple Inc.
<b>2020202607</b>	GPCP IP Holdings LLC	<b>2020202675</b>	Aristocrat Technologies Australia Pty Limited
<b>2020202608</b>	Hunter Douglas Inc.	<b>2020202676</b>	DANA-FARBER CANCER INSTITUTE, INC.



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2020202677 Zurn Industries, LLC  
2020202678 Ab Initio Technology LLC  
2020202679 Motorola Solutions, Inc.  
2020202681 Oncotherapy Science, Inc.  
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2020202684 Actelion Pharmaceuticals Ltd  
2020202685 Aimmune Therapeutics, Inc.  
2020202686 P. & B. Marriott Limited  
2020202687 Amgen Inc.  
2020202688 University of Washington  
2020202689 Beachy, B.  
2020202690 Fisher & Paykel Healthcare Limited  
2020202691 REBIOTIX, INC.  
2020202692 Sloan-Kettering Institute for Cancer Research  
2020202694 Panduit Corp.  
2020202695 Terex Australia Pty Ltd  
2020202696 Omega Ophthalmics LLC  
2020202697 Profusa, Inc.  
2020202698 Commonwealth Scientific and Industrial Research Organisation  
2020202699 Accenture Global Solutions Limited  
2020202700 Grünenthal GmbH  
2020202701 MBP (Mauritius) Ltd  
2020202702 MBP (Mauritius) Ltd  
2020202703 Dana-Farber Cancer Institute, Inc.  
2020202704 Lifecell Corporation  
2020202705 Genzyme Corporation  
2020202706 Koninklijke Philips N.V.  
2020202707 F. Hoffmann-La Roche AG  
2020202708 Weatherford Technology Holdings, LLC  
2020202709 Enable Injections, Inc.  
2020202710 Snap-on Incorporated  
2020202711 BPAY Group Limited  
2020202712 The Board of Trustees of the Leland Stanford Junior University  
2020202713 Netflix, Inc.

**Innovation Patent Applications Filed**

**Name Index**

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

<hr/> <p>(71) Alcolizer Pty Ltd (21) 2020100588 (22) 17.04.2020 (54) A mind-altering substance testing unit with orientation sensor and early call lateral flow test</p> <hr/>	<p>(71) Institute of Cotton Research of the Chinese Academy of Agricultural Sciences (21) 2020100579 (22) 16.04.2020 (54) APPLICATION OF GhPRXR1 PROTEIN AND CODING GENE THEREOF IN REGULATING AND CONTROLLING OIL CONTENT OF COTTONSEED (31) 201910307583.5 (32) 17.04.19 (33) CN</p> <hr/>	<p>(71) PRINTALY PTY LTD (21) 2020100590 (22) 17.04.2020 (54) Frame assembly for mounting a fabric and the fabric for mounting thereon</p> <hr/>
<p>Anderson, C. see Anderson, M. (21) 2020100597</p> <hr/>	<p>(71) IoT Automation Global Pty Ltd (21) 2020100561 (22) 14.04.2020 (54) A LIGHTING SYSTEM AND METHOD OF USE THEREOF (62) PCT/AU2019/050016</p> <hr/>	<p>(71) Rossborough, R. (21) 2020100584 (22) 17.04.2020 (54) CSU COMPACT STERILISATION UNIT</p> <hr/>
<p>(71) Anderson, M.; Anderson, C. (21) 2020100597 (22) 18.04.2020 (54) Metal Scaffold Board Plywood Clip for securing Plywood or plywood replacement to Metal board Scaffold deck.</p> <hr/>	<p>(71) KINGFA SCI TECH CO LTD (21) 2020100573 (22) 15.04.2020 (54) Application of ethoxamide polymer serving as slow burning agent, low-odor slow-burning polyolefin composition and preparation method thereof (31) PCT/ CN2019/099358 (32) 06.08.19 (33) WO</p> <hr/>	<p>(71) SHINDA (TANGSHAN) CREATIVE OIL &amp; GAS EQUIPMENT CO., LTD. (21) 2020100581 (22) 16.04.2020 (54) MULTICHANNEL COMPOSITE COILED TUBING (31) 201911418591.3 (32) 31.12.19 (33) CN</p> <hr/>
<p>(71) barracrough, g. (21) 2020100558 (22) 14.04.2020 (54) Transferable and reusable hand crafted wooden handle for bottle/can cooler holders (Stubby Holders)</p> <hr/>	<p>(71) KINGFA SCI TECH CO LTD (21) 2020100580 (22) 16.04.2020 (54) A plastic alloy and its preparation method (31) PCT/ CN2019/099532 (32) 07.08.19 (33) WO</p> <hr/>	<p>(71) SYDNEY DENTAL CLINICS PTY LIMITED (21) 2020100582 (22) 16.04.2020 (54) This is a patient mouth shield to stop aerosols from spreading to the air, it is a clear plastic shield sitting on suction tube with access holes to allow handpieces and triplex reach the tooth and create as much as droplet they want without them reaching to the dentist and assistant airway and face.</p> <hr/>
<p>(71) BHP Innovation Pty Ltd (21) 2020100571 (22) 15.04.2020 (54) A system and a method of inspecting a machine</p> <hr/>	<p>(71) Kingsignal Technology Co., Ltd (21) 2020100572 (22) 15.04.2020 (54) BOARD-TO-BOARD RADIO-FREQUENCY CONNECTOR (62) 2019330671</p> <hr/>	<p>(71) Taiyuan City Vocational College (21) 2020100596 (22) 17.04.2020 (54) A Magnetic Catalyst For Bentonite Fenton And Its Preparation Method</p> <hr/>
<p>(71) Danic, M. (21) 2020100556 (22) 14.04.2020 (54) UNDER-FOLD KNEE-PAD POCKET (31) 2019901285 (32) 14.04.19 (33) AU</p> <hr/>	<p>(71) Ningxia University; Yinchuan Industry Technology Institute (21) 2020100592 (22) 17.04.2020 (54) A Special Conditioner For The Yellowing Of Wine Grapes On Alkaline Soil, Its Preparation Method And Application</p> <hr/>	<p>(71) University Of Shanghai For Science And Technology (21) 2020100576 (22) 16.04.2020 (54) Damping Device</p> <hr/>
<p>(71) Fraser, M. (21) 2020100586 (22) 17.04.2020 (54) A shelter</p> <hr/>	<p>(71) Notley, B. (21) 2020100599 (22) 19.04.2020 (54) RiPOD (Rescue Isolation Pod)</p> <hr/>	<p>(71) University Of Shanghai For Science And Technology (21) 2020100578 (22) 16.04.2020 (54) A Hydrostatic Motor Test System</p> <hr/>
<p>(71) Hefei University of Technology (21) 2020100589 (22) 17.04.2020 (54) METHOD FOR PREPARING REINFORCED TUNGSTEN MATRIX COMPOSITE COMPOUNDING TRACE ELEMENTS AND RARE EARTH OXIDE (31) 201910846229.X (32) 09.09.19 (33) CN</p> <hr/>	<p>(71) Peyton, J. (21) 2020100598 (22) 18.04.2020 (54) The present invention relates to devices for breaking the vacuum associated with thumb sucking. In particular, the invention relates to simple, wearable devices with a thumb engagement portion and a channel. (31) 2019901452 (32) 29.04.19 (33) AU</p> <hr/>	<p>(71) University Of Shanghai For Science And Technology (21) 2020100593 (22) 17.04.2020 (54) An Improved Electromagnetic Flutter Impact Damper</p> <hr/>
<p>(71) Institute of Cotton Research of the Chinese Academy of Agricultural Sciences (21) 2020100575 (22) 16.04.2020 (54) APPLICATION OF GhMAH1 PROTEIN AND CODING GENE IN REGULATING COTTON FIBER LENGTH (31) 201910307584.X (32) 17.04.19 (33) CN</p> <hr/>		

## Innovation Patent Applications Filed - Name Index cont'd

(71) University Of Shanghai For Science And Technology

(21) 2020100594 (22) 17.04.2020

(54) A Magnetorheological Fluid Particle Impact Damper

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(71) University Of Shanghai For Science And Technology

(21) 2020100595 (22) 17.04.2020

(54) An Elastic Impact Damper With Thickening Fluid

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(71) Wood, m.

(21) 2020100574 (22) 16.04.2020

(54) The Building Access Counter System counts and controls how many people enter and exit a building. The count threshold is displayed at the building entrance along with the current count, Full and Enter signage. Once the count threshold is reached, the Full sign is displayed and an output can be connected to any door automation putting it in "exit mode". This allows for exit of the building only until the count is below the threshold. This system can be adapted into any brand of door, gate or shutter automatic system. The system has the capability of logging data, giving a traffic flow report.

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**Yinchuan Industry Technology Institute see Ningxia University**

(21) 2020100592

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(71) Zhengzhou University Of Industrial Technology

(21) 2020100587 (22) 17.04.2020

(54) Method For Extracting Oligomeric Polyphenol Compounds From Plant Seeds

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(71) Zhengzhou University Of Industrial Technology

(21) 2020100591 (22) 17.04.2020

(54) External Rosmarinus Officinalis Ointment With Effects Of Refreshing Brain And Restoring Consciousness

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<b>2020100556</b>	Danic, M.	<b>2020100582</b>	SYDNEY DENTAL CLINICS PTY LIMITED
<b>2020100558</b>	barracrough, g.	<b>2020100584</b>	Rossborough, R.
<b>2020100561</b>	IoT Automation Global Pty Ltd	<b>2020100586</b>	Fraser, M.
<b>2020100571</b>	BHP Innovation Pty Ltd	<b>2020100587</b>	Zhengzhou University Of Industrial Technology
<b>2020100572</b>	Kingsignal Technology Co., Ltd	<b>2020100588</b>	Alcolizer Pty Ltd
<b>2020100573</b>	KINGFA SCI TECH CO LTD	<b>2020100589</b>	Hefei University of Technology
<b>2020100574</b>	Wood, m.	<b>2020100590</b>	PRINTALY PTY LTD
<b>2020100575</b>	Institute of Cotton Research of the Chinese Academy of Agricultural Sciences	<b>2020100591</b>	Zhengzhou University Of Industrial Technology
<b>2020100576</b>	University Of Shanghai For Science And Technology	<b>2020100592</b>	Ningxia University; Yinchuan Industry Technology Institute
<b>2020100577</b>	University Of Shanghai For Science And Technology	<b>2020100593</b>	University Of Shanghai For Science And Technology
<b>2020100578</b>	University Of Shanghai For Science And Technology	<b>2020100594</b>	University Of Shanghai For Science And Technology
<b>2020100579</b>	Institute of Cotton Research of the Chinese Academy of Agricultural Sciences	<b>2020100595</b>	University Of Shanghai For Science And Technology
<b>2020100580</b>	KINGFA SCI TECH CO LTD	<b>2020100596</b>	Taiyuan City Vocational College
<b>2020100581</b>	SHINDA (TANGSHAN) CREATIVE OIL & GAS EQUIPMENT CO., LTD.	<b>2020100597</b>	Anderson, M.; Anderson, C.
		<b>2020100598</b>	Peyton, J.
		<b>2020100599</b>	Notley, B.

**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
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- 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
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**1998**

1998073064 ( 14 )

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2000027800 ( 14 )    2000027811 ( 14 )    2000027813 ( 14 )  
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2001010848 ( 14 )    2001011386 ( 14 )    2001012000 ( 14 )  
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 2002301386 ( 14 )    2002302045 ( 14 )    2002329302 ( 14 )  
 2002330625 ( 14 )    2002334917 ( 14 )    2002362832 ( 14 )  
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**2005**

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 2005220246 ( 14 )

**2006**

2006300038 ( 14 )    2006300211 ( 14 )    2006301494 ( 14 )  
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**2007**

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**2008**

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 2017244605 ( 1B ) 2017247796 ( 5C ) 2017248594 ( 5C )  
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 2017276870 ( 5C ) 2017278129 ( 5C ) 2017291392 ( 5C )  
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 2017354936 ( 5C ) 2017398661 ( 5C )

**2018**

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 2018201976 ( 5C ) 2018201979 ( 5C ) 2018201984 ( 5C )  
 2018202068 ( 5C ) 2018202129 ( 5C ) 2018202213 ( 4C )  
 2018202359 ( 5C ) 2018202381 ( 5C ) 2018202450 ( 5C )  
 2018202587 ( 5C ) 2018202694 ( 5C ) 2018202736 ( 5C )  
 2018203429 ( 5C ) 2018203572 ( 5C ) 2018203631 ( 5C )  
 2018203636 ( 5C ) 2018203845 ( 4C ) 2018204093 ( 5C )  
 2018204112 ( 5C ) 2018204146 ( 5C ) 2018204418 ( 5C )  
 2018204561 ( 5C ) 2018204837 ( 5C ) 2018204912 ( 5C )  
 2018211220 ( 5C ) 2018211294 ( 5C ) 2018213996 ( 5C )  
 2018214047 ( 5C ) 2018214057 ( 5C ) 2018220118 ( 5C )  
 2018220161 ( 5C ) 2018223001 ( 5C ) 2018250443 ( 5C )  
 2018256608 ( 5C ) 2018260959 ( 5C ) 2018267630 ( 5C )  
 2018274962 ( 5C ) 2018278942 ( 5C ) 2018305147 ( 5C )

**2019**

2019204905 ( 16C ) 2019901417 ( 12AN )

**2020**

2020100203 ( 18AN ) 2020200689 ( 1B ) 2020200720 ( 1B )  
 2020200761 ( 1B ) 2020200842 ( 1B ) 2020200849 ( 1B )

**Assignments before Grant, Section 113**

**2015**

2015308822 Mathews Resources, Inc. The application has been assigned to **Mathews International Corporation**

2015417262 Dynatest International A/S The application has been assigned to **Dynatest A/S**

**2016**

2016207821 Pfizer Inc. The application has been assigned to **PF Consumer Healthcare 1 LLC**

2016267075 AxoGen, Inc. The application has been assigned to **AxoGen Corporation**

2016391690 Pfizer Inc. The application has been assigned to **PF Consumer Healthcare 1 LLC**

**2017**

2017235543 Synthetic Genomics, Inc. The application has been assigned to **Conagen, Inc.**

2017245458 IP Reserve Pty Ltd The application has been assigned to **POOLRITE IP PTY LTD**

2017260567 Delmoni, Alex The application has been assigned to **Autonomous Tensioning System Pty Ltd**

2017354743 Crossbeta Biosciences B.V. The application has been assigned to **DegenRx B.V**

2017373483 Kirchdorfer Fertigteiholding GmbH The application has been assigned to **DELTA BLOC International GmbH**

2017904138 IP Reserve Pty Ltd The application has been assigned to **POOLRITE IP PTY LTD**

**2018**

2018217825 Schill, Daniel The application has been assigned to **Fisheries Management Solutions, Inc.**

2018247217 GlaxoSmithKline LLC The application has been assigned to **GlaxoSmithKline Consumer Healthcare Holdings (US) LLC**

2018250431 Eleven Biotherapeutics, Inc. The application has been assigned to **Buzzard Pharmaceuticals AB**

2018256354 The University of Melbourne; Oxley, Thomas The application has been assigned to **The University of Melbourne**

2018282269 Eleven Biotherapeutics, Inc. The application has been assigned to **Buzzard Pharmaceuticals AB**

**Assignments before Grant, Section 113**

2018312986 **Weinmann, Maxwell** The application has been assigned to **Marmarinos, Maria; Weinmann, Maxwell**

**2019**

2019902568 **Old Rusty Mining Pty Ltd** The application has been assigned to **Hydromine Pty Ltd**

**2020**

2020201518 **Institut de Recherche Technologique SystemX; ALSTOM Transport Technologies** The application has been assigned to **ALSTOM Transport Technologies**

**Extensions of Time, Section 223**

**Applications Received**

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

**2012**

2012298606 **iO Mounts LLC** An application to extend the time from 27 Aug 2019 to 27 Mar 2020 in which to pay a renewal fee has been filed . Address for service - Allens Patent & Trade Mark Attorneys GPO Box 1776Q MELBOURNE VIC 3001 AU

2012309586 **Saisei Mirai Clinic** An application to extend the time from 07 Sep 2019 to 07 May 2020 in which to pay the renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2013**

2013207665 **The Prong Company Pty Ltd** An application to extend the time from 22 Jul 2019 to 22 Apr 2020 in which to pay a renewal fee has been filed . Address for service - Wynnes Patent and Trade Mark Attorneys Pty Ltd U 4 27 Godwin St Bulimba QLD 4171 AU

**2016**

2016221369 **Vakalapudi, S.** An application to extend the time from 31 Aug 2019 to 30 Sep 2020 in which to gain acceptance has been filed . Address for service - Siva Prasad VAKALAPUDI Attn: Mr.Mothukuri Sunil Kumar 7/24, 1st Avenue, Black Town Sydney NSW 2148 AU

**2017**

2017101349 **Butt, A.; Thwaites, R.** An application to extend the time from 06 Oct 2019 to 06 May 2020 in which to pay the renewal fee has been filed . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

2017239630 **Chang, H.M.** An application to extend the time from 23 Aug 2019 to 23 Jan 2020 in which to pay the acceptance fee has been filed . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

**2018**

2018230967 **Medos International Sàrl** An application to extend the time from 08 Oct 2019 to 08 Mar 2020 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Extensions of Time, Section 223**

2018231239 **Medos International Sàrl** An application to extend the time from 08 Oct 2019 to 08 Mar 2020 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018231241 **Medos International Sàrl** An application to extend the time from 08 Oct 2019 to 08 Mar 2020 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

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

**2012**

2012202744 **Ethicon Endo-Surgery, Inc.** The time in which to pay a renewal fee has been extended to 10 Dec 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2014**

2014333602 **Rocket Medical PLC** The time in which to pay the acceptance fee has been extended to 02 Feb 2020 . Address for service - Woodroffe Lawyers 4 Douro Place West Perth WA 6005 AU

**2016**

2016102094 **Changzhou Jutai Electronic Co., Ltd.** The time in which to gain certification has been extended to 13 Aug 2020 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

**2017**

2017204979 **British Columbia Cancer Agency Branch; The University of British Columbia** The time in which to request Examination has been extended to 21 Apr 2020 . Address for service - INNOFY PTY LTD 315 Brunswick St Fortitude Valley Brisbane QLD 4000 AU

**2018**

2018226387 **SCARLETT-RHODES, J.** The time in which to gain acceptance has been extended to 11 Sep 2020 . Address for service - Jessie Scarlett-Rhodes 162 Evans Street Sunbury VIC 3429 AU

2018229441 **TBI Innovations, LLC; Thornhill Research, Inc.** The time in which to pay a continuation fee has been extended to 25 Feb 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2018309046 **TRINITY BAY EQUIPMENT HOLDINGS, LLC** The time in which to enter the National Phase has been extended to 02 Apr 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019271994 **O'Donnell, J.V.** The time in which to make a further application for a divisional patent has been extended to 02 Dec 2019 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**2020**

2020200289 **Xyleco, Inc.** The time in which to make a further application for a divisional patent has been extended to 06 Feb 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**Amendments**

**Applications for Amendment**

**Amendments**

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.

**2013**

2013279478 Portion capsule and method for producing a beverage by means of a portion capsule **K-fee System GmbH** The nature of the amendment is as shown in the statement(s) filed 24 Feb 2020 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

**2014**

2014235180 Methods and compositions for weed control **Monsanto Technology LLC** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2020 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2015**

2015210646 Food preparation device **Serenete Corporation** The nature of the amendment is: Amend the name of the inventors to read Chen, Haidee and Chen, Helen . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2015302822 FUSED 11-MEMBERED COMPOUNDS AND AGRICULTURAL/HORTICULTURAL FUNGICIDES CONTAINING THEM **SDS Biotech K.K.** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2020 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015339892 Vitrectomy probe with an optical fiber scanner **Alcon Inc.** The nature of the amendment is: To substitute the notice of entitlement on file. . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015374450 Magnification in ophthalmic procedures and associated devices, systems, and methods **Alcon Inc.** The nature of the amendment is: To substitute the notice of entitlement on file. . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015380341 Surgical hand piece with integrated pressure sensor **Alcon Inc.** The nature of the amendment is: To substitute the notice of entitlement on file. . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016267286 Laminated glass **AGC Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017228560 Nucleic acids encoding desaturases and modified plant oil **BASF Plant Science GmbH ; Bioriginal Food & Science Corporation** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2020 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2017250805 Mobile medicine communication platform and methods and uses thereof **BR Invention Holding, LLC** The nature of the amendment

**Amendments**

is: Add inventor STEIN, Jeffrey Holt . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017261505 GLUCAGON/GLP-1 AGONISTS FOR THE TREATMENT OF OBESITY **MedImmune Limited** The nature of the amendment is as shown in the statement(s) filed 27 Mar 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017308688 DATA SENDING METHOD, SIGNALING SENDING METHOD, APPARATUS, AND SYSTEM **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2018**

2018221279 Flotation arrangement **Outotec (Finland) Oy** The nature of the amendment is as shown in the statement(s) filed 22 Apr 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018247276 Solvent decontamination system and method **Innocorps Research Corporation** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018274860 Pipe pressing tool **Seowon Technology Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read CHO, Kyeong Ho . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

**2019**

2019100452 Wall assembly for shipping container **Freightquip Pty Ltd** The nature of the amendment is: Amend the innovation patent name to Containermax Pty Ltd . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

2019100564 The Adaptive Mobile Charging Station (AMCS) addresses the need for an Industrial & Enterprise level solution that provides efficient & simplified Charging, Networking and Secure Storage capabilities. Coupled with active managed networking equipment, the AMCS is a Scalable, modular, charging and secure solution that is always on, providing simplified device deployment and management and is suited for customers with limited technology expertise to carry out tasks associated with a mobile digital workforce, allowing industries to keep pace with the demands of the digital transformation age. **Plexum Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Leppard, Mark . Address for service - Northern Lights IP PO Box 1201 East Victoria Park WA 6981 AU

2019200312 Mobile medicine communication platform and methods and uses thereof **BR Invention Holding, LLC** The nature of the amendment is: Add inventor STEIN, Jeffrey Holt . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**Amendments Made**

**2012**

2012309847 **Mavrik Dental Systems, Ltd.** The nature of the amendment is: Amend the name of the inventor to read Sanders, Daniel and Spector, Ben Zion



**Amendments****2013**

2013204815 **Gilead Sciences, Inc.** The nature of the amendment is: Amend the name of the inventor to read Desai, Manoj C.; Hong, Allen Y.; Hui, Hon C.; Liu, Hongtao; Randall, Vivian W. and Xu, Lianhong

2013204817 **Gilead Sciences, Inc.** The nature of the amendment is: Amend the name of the inventor to read Desai, Manoj C.; Hong, Allen Y.; Hui, Hon C.; Liu, Hongtao; Randall, Vivian W. and Xu, Lianhong

**2014**

2014281757 **iHeartMedia Management Services, Inc.** The nature of the amendment is: Application is to proceed under the number 2014101666

2014308330 **Gmax Biopharm LLC.** The nature of the amendment is as shown in the statement filed 30 Jan 2020

2014391256 **MasterCard International Incorporated** The nature of the amendment is: Amend the priority details to read 61/979,113 14 Apr 2014 US; 61/910,819 02 Dec 2013 US; 61/951,842 12 Mar 2014 US; 61/955,716 19 Mar 2014 US; 61/979,132 14 Apr 2014 US; 61/980,784 17 Apr 2014 US; 61/979,122 14 Apr 2014 US and 61/996,665 14 May 2014 US

**2015**

2015204378 **Gilead Sciences, Inc.** The nature of the amendment is: Amend the name of the inventor to read Desai, Manoj C.; Hong, Allen Y.; Hui, Hon C.; Liu, Hongtao; Randall, Vivian W. and Xu, Lianhong

2015339172 **Exactech, Inc.** The nature of the amendment is: Amend the name of the inventor to read Roche, Christopher P.; Routman, Howard David; Klug, Raymond Anthony and Gaydos, Corey Mitchell

**2016**

2016204253 **Breville Pty Limited** The nature of the amendment is as shown in the statement filed 23 Dec 2019

2016211669 **Hayward Industries, Inc.** The nature of the amendment is as shown in the statement filed 29 Jan 2020

2016262734 **EMERGE, LLC** The nature of the amendment is as shown in the statement filed 28 Jan 2020

2016371466 **Biokine Therapeutics Ltd.** The nature of the amendment is: Amend the invention title to read Small Molecules for Inhibiting Chemokine Activity and/or Cancer Cells Growth

2016405471 **Planet GDZ AG** The nature of the amendment is as shown in the statement filed 24 Jan 2020

**2017**

2017203367 **LifeCell Corporation** The nature of the amendment is as shown in the statement filed 24 Jan 2020

2017209342 **Qi, Q.** The nature of the amendment is: Amend the name of the inventor to read Qi, Qing and Ding, Jian

2017216854 **Jaguar Land Rover Limited** The nature of the amendment is as shown in the statement filed 20 Jan 2020

**Amendments**

2017368288 **Purac Biochem BV** The nature of the amendment is as shown in the statement filed 30 Jan 2020

2017435222 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method and apparatus for sending and receiving clock synchronization packet

**2018**

2018102157 **Hisense Ronshen (Guangdong) Refrigerator Co., Ltd** The nature of the amendment is as shown in the statement filed 19 Mar 2020

2018201337 **Arkema Inc.** The nature of the amendment is: Amend the name of the inventor to read Schmidhauser, John; Gaboury, Scott; Amin-Sanayei, Ramin; Roger, Christophe; He, Wensheng and Heinze, Rosemary

2018207324 **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement filed 24 Jan 2020

2018244460 **Johnson & Johnson Consumer Inc.** The nature of the amendment is: Amend the name of the inventor to read Cau, Jose Francisco; Alkmin, Marco Antonio and Sardinha, Gilson Philigret

2018256525 **DAZCORP PTY LTD; CAPRICORN GLOBAL GROUP PTY LTD; ELEINVEST (QLD) PTY LTD** The nature of the amendment is: Amend the name of the inventor to read Ossenberg, Stefan

2018281335 **CommScope Technologies LLC** The nature of the amendment is: Amend the name of the inventor to read Kiener, Matthew R.; Enge, Ryan E.; Fariello, Patrick; Bartlett, Dallas; Eastham, Thomas; Van Scoy, Lary Blake and Smith, Philip

2018285453 **4D Pharma Research Limited** The nature of the amendment is: Amend the name of the inventor to read MULDER, Imke Elisabeth; YUILLE, Samantha; ETTORRE, Anna; AHMED, Suaad; FOTIADOU, Parthena; URZIA, Joseph Roby Iringan and SAVIGNAC, Helene

2018323508 **Kirin Holdings Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Rice-fermented beer-taste beverage and method for manufacturing same

2018339746 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read POWER CONTROL METHOD AND APPARATUS

2018345735 **Precision Planting LLC** The nature of the amendment is as shown in the statement filed 01 Apr 2020

2018366416 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RANDOM ACCESS METHOD, USER EQUIPMENT, AND NETWORK DEVICE

2018366562 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DATA PROCESSING METHOD AND APPARATUS, AND COMPUTER STORAGE MEDIUM

**2019**

2019334235 **China University of Mining and Technology** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Jixiong; SUN, Qiang; LI, Meng; JU, Yang; ZHANG, Weiqing and A.J.S.(Sam)Spearing

**Amendments**

2019901190 **Jayaram, N.** The nature of the amendment is: Application is to proceed under the number 2019359614

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

**2003**

2003227200 Uni-Charm Co., Ltd. The name of the patentee has been altered to **Unicharm Corporation**

2003257596 Uni-Charm Co., Ltd. The name of the patentee has been altered to **Unicharm Corporation**

2003257597 Uni-Charm Co., Ltd. The name of the patentee has been altered to **Unicharm Corporation**

2003257670 Uni-Charm Co., Ltd. The name of the patentee has been altered to **Unicharm Corporation**

2003257831 Uni-Charm Co., Ltd. The name of the patentee has been altered to **Unicharm Corporation**

2003257832 Uni-Charm Co., Ltd. The name of the patentee has been altered to **Unicharm Corporation**

2003273028 Uni-Charm Co., Ltd. The name of the patentee has been altered to **Unicharm Corporation**

**2004**

2004308632 Ferrosan A/S The name of the patentee has been altered to **Ferrosan ApS**

**2006**

2006328947 COBEX GmbH The name of the patentee has been altered to **Tokai COBEX GmbH**

2006341952 COBEX GmbH The name of the patentee has been altered to **Tokai COBEX GmbH**

**2012**

2012200980 Biosuccess Biotech Company The name of the patentee has been altered to **Biosuccess Biotech Co., Ltd.**

**2013**

2013222295 L-3 Communications Security and Detection Systems, Inc. The name of the patentee has been altered to **L3 Security & Detection Systems Inc.**

**2014**

2014367165 Opentable Inc. The name of the applicant has been altered to **OpenTable, Inc.**

**2015**

2015346070 HealthEquityLabs, Inc. The name of the applicant has been altered to **Hi.Q, Inc.**

2015346070 Health Equity Labs The name of the applicant has been altered to **HealthEquityLabs, Inc.**

**Amendments**

2015358424 Pavmed Inc. The name of the applicant has been altered to **PAVMed Inc.**

**2016**

2016306469 Beem Biologics Inc. The name of the applicant has been altered to **Biodel AG Inc.**

2016313674 Novartis Consumer Health S.A. The name of the patentee has been altered to **GSK Consumer Healthcare S.A.**

2016367144 Mechanodontics, Inc. The name of the applicant has been altered to **Brius Technologies, Inc.**

**2017**

2017285191 COBEX GmbH The name of the applicant has been altered to **Tokai COBEX GmbH**

2017302066 Cobex GmbH The name of the applicant has been altered to **Tokai COBEX GmbH**

2017428687 BANZANT, Joachim; MATA REY, David The name of the applicant has been altered to **BAZANT, J.; MATA REY, D.**

**2018**

2018332326 SanterSus SA The name of the applicant has been altered to **SANTERSUS AG**

2018345330 TuSimple The name of the applicant has been altered to **TuSimple, Inc.**

2018348872 Beijing Didi Infinity Technology and Development Co., Ltd. The name of the applicant has been altered to **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.**

2018366208 Fractal Industries, Inc. The name of the applicant has been altered to **QOMPLX, Inc.**

**2019**

2019203449 Novartis Consumer Health S.A. The name of the applicant has been altered to **GSK Consumer Healthcare S.A.**

2019901461 Cedar Meats Australia The name of the applicant has been altered to **Kairouz, P.; Farah, B.; Kairouz, T.**

**2020**

2020100059 Jilin Academy of Agricultural Sciences The name of the patentee has been altered to **Jilin Academy of Agricultural Sciences**

2020100516 FOUNDRY INTELLECTUAL PROPERTY PTY LTD The name of the applicant has been altered to **MFA Financial Holdings Pty Ltd**

2020202067 Virtual Watchman The name of the applicant has been altered to **Wilson, G.**

2020202418 The Board of Regents of the University of Texas System; Colubrixmx, Inc The name of the applicant has been altered to **The Board of Regents of the University of Texas System; ColubrixMX, Inc.**

Applications Open to Public Inspection

Name Index

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

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(71) AbbVie Inc.  
 (11) AU-A-2020202560  
 (21) 2020202560 (22) 16.04.2020  
 (54) Methods for treating HCV  
 (51) Int. Cl.  
     **A61K 31/454** ( 2006.01 )  
     **A61K 31/498** ( 2006.01 )  
     **A61K 31/7072** ( 2006.01 )  
     **A61P 31/12** ( 2006.01 )  
 (43) 07.05.2020  
 (62) 2015240753  
 (72) Bernstein, Barry M.; Dutta, Sandeep; Liu, Wei; Podsadecki, Thomas J.; Campbell, Andrew L.; Menon, Rajeev M.; Lin, Chih-Wei; Wang, Tianli; Awni, Walid  
 (74) Spruson & Ferguson

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(71) AbbVie Inc.  
 (11) AU-A-2020202584  
 (21) 2020202584 (22) 16.04.2020  
 (54) Nuclear receptor modulators  
 (51) Int. Cl.  
     **C07D 405/14** ( 2006.01 )  
     **A61K 31/404** ( 2006.01 )  
     **A61K 31/416** ( 2006.01 )  
     **A61P 29/00** ( 2006.01 )  
     **A61P 37/00** ( 2006.01 )  
     **C07D 209/14** ( 2006.01 )  
     **C07D 209/18** ( 2006.01 )  
     **C07D 235/16** ( 2006.01 )  
     **C07D 401/10** ( 2006.01 )  
     **C07D 403/10** ( 2006.01 )  
     **C07D 405/10** ( 2006.01 )  
     **C07D 471/04** ( 2006.01 )  
     **C07D 487/04** ( 2006.01 )  
     **C07D 491/10** ( 2006.01 )  
 (43) 07.05.2020  
 (62) 2016276316  
 (72) ARGIRIADI, Maria A.; BREINLINGER, Eric C.; CUSACK, Kevin P.; HOBSON, Adrian D.; POTIN, Dominique; BARTH, Martine; AMAUDRUT, Jérôme; POUPARDIN, Olivia; MOUNIER, Laurent; KORT, Michael E.  
 (74) Spruson & Ferguson

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(71) Ablynx NV  
 (11) AU-A-2020202570  
 (21) 2020202570 (22) 16.04.2020  
 (54) Improved immunoglobulin variable domains  
 (51) Int. Cl.  
     **C07K 16/00** ( 2006.01 )  
     **C07K 16/18** ( 2006.01 )  
     **C07K 16/28** ( 2006.01 )  
 (43) 07.05.2020  
 (62) 2018204226  
 (72) Buysel, Marie-Ange; Boutton, Carlo  
 (74) Shelston IP Pty Ltd.

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(71) Aboff, C.  
 (11) AU-A-2019240648  
 (21) 2019240648 (22) 03.10.2019  
 (54) Columella Nasal Clip / Dilator for Aromatic Substances  
 (51) Int. Cl.  
     **A61M 15/08** ( 2006.01 )  
     **A61M 29/00** ( 2006.01 )  
 (31) 16/166,975 (32) 22.10.18 (33) US  
 (43) 07.05.2020  
 (72) Aboff, Clifford S.  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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(71) Adaptimmune Limited  
 (11) AU-A-2020202538  
 (21) 2020202538 (22) 15.04.2020  
 (54) T cell receptors  
 (51) Int. Cl.  
     **C07K 14/725** ( 2006.01 )  
     **A61K 35/14** ( 2006.01 )  
     **A61K 35/16** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **A61P 37/00** ( 2006.01 )  
     **C12N 5/0783** ( 2010.01 )  
 (43) 07.05.2020  
 (62) 2014294830  
 (72) MOLLOY, Peter; PUMPHREY, Nicholas  
 (74) Davies Collison Cave Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2019222974  
 (21) 2019222974 (22) 01.09.2019  
 (54) INTERFACES AND TECHNIQUES TO RETARGET 2D SCREENCAST VIDEOS INTO 3D TUTORIALS IN VIRTUAL REALITY  
 (51) Int. Cl.  
     **G06T 15/00** ( 2011.01 )  
     **G06T 19/00** ( 2011.01 )  
     **H04N 13/10** ( 2018.01 )  
 (31) 16/163,428 (32) 17.10.18 (33) US  
 (43) 07.05.2020  
 (72) Nguyen, Cuong; DiVerdi, Stephen; Kumaravel, Balasaravanan Thoravi  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Agquam LLC  
 (11) AU-A-2020202466  
 (21) 2020202466 (22) 09.04.2020  
 (54) ACID HERBICIDE-CONTAINING COMPOSITIONS, PRECURSORS, DERIVATIVES AND METHODS  
 (51) Int. Cl.  
     **A01N 25/02** ( 2006.01 )

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(43) 07.05.2020  
 (62) 2016215187  
 (72) Parrish, Scott K.  
 (74) Armour IP Pty Ltd

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(71) Alibaba Group Holding Limited  
 (11) AU-A-2018353923  
 (21) 2018353923 (22) 17.10.2018  
 (54) Secret sharing with no trusted initializer  
 (51) Int. Cl.  
     **H04L 9/08** ( 2006.01 )  
 (43) 07.05.2020  
 (72) Chen, Chaochao; Zhou, Jun  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Alibaba Group Holding Limited  
 (11) AU-A-2018353931  
 (21) 2018353931 (22) 17.10.2018  
 (54) Secret sharing with a trusted initializer  
 (51) Int. Cl.  
     **G06F 21/62** ( 2013.01 )  
 (43) 07.05.2020  
 (72) Chen, Chaochao; Zhou, Jun  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Alibaba Group Holding Limited  
 (11) AU-A-2019257397  
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 (51) Int. Cl.  
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 (74) Davies Collison Cave Pty Ltd

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     **A61K 9/00** ( 2006.01 )  
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 (54) ANTENNA APPARATUS  
 (51) Int. Cl.  
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*C01F 7/22* ( 2006.01 )  
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 (51) Int. Cl.  
*H02J 5/00* ( 2006.01 )  
*H02J 7/02* ( 2006.01 )  
*H02J 50/00* ( 2016.01 )  
*H02J 50/10* ( 2016.01 )  
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 (54) Method for representing points of interest in a view of a real environment on a mobile device and mobile device therefor  
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*G06F 1/16* ( 2006.01 )  
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 (54) Voice coil motor optical image stabilization  
 (51) Int. Cl.  
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 (54) Electrosurgical instrument for fusing and cutting tissue and an electrosurgical generator  
 (51) Int. Cl.  
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 (11) AU-A-2020202516

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 (54) Surgical stapler with self-adjusting staple height  
 (51) Int. Cl.  
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 (54) SCREENING METHOD FOR SELECTED AMINO LIPID-CONTAINING COMPOSITIONS  
 (51) Int. Cl.  
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*G01N 33/50* ( 2006.01 )  
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 (74) Griffith Hack
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 (51) Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
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 (74) FB Rice Pty Ltd
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 (21) 2020202474 (22) 09.04.2020  
 (54) A GAMING MANAGEMENT SYSTEM AND GAMING MANAGEMENT METHOD  
 (51) Int. Cl.  
*A63F 13/352* ( 2014.01 )  
*A63F 13/30* ( 2014.01 )  
*G06Q 50/00* ( 2006.01 )  
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 (72) BOESEN, John Leslie  
 (74) Griffith Hack
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 (11) AU-A-2020202479  
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 (51) Int. Cl.

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- (71)** ASCO Biegetechnik GmbH  
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**(21)** 2019356038 **(22)** 18.10.2019  
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**(51)** Int. Cl.  
**B21C 47/32** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 9/20** ( 2006.01 )  
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**(11)** AU-A-2019203954  
**(21)** 2019203954 **(22)** 06.06.2019  
**(54)** Vibration apparatus for dental care  
**(51)** Int. Cl.  
**A61H 23/02** ( 2006.01 )  
**A61C 3/00** ( 2006.01 )  
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**G06Q 10/06** ( 2012.01 )  
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**(43)** 07.05.2020  
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**(74)** Bellator Patent & Trade Mark Attorneys
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**(51)** Int. Cl.  
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**A61F 9/02** ( 2006.01 )  
**G02C 3/00** ( 2006.01 )  
**G02C 5/00** ( 2006.01 )  
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**(43)** 07.05.2020  
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**(11)** AU-A-2020202433  
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**(54)** Temperature simulator for thermo-couple-based RF ablation system  
**(51)** Int. Cl.  
**A61B 18/18** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**A61K 31/683** ( 2006.01 )  
**A61K 31/7004** ( 2006.01 )  
**A61K 31/702** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
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**(74)** Stephen Robert Parker
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**(54)** Online payment
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**G06Q 40/00** ( 2006.01 )  
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**(21)** 2020202488 **(22)** 14.04.2020  
**(54)** Plant product infused with oil and method of infusion  
**(51)** Int. Cl.  
**A01H 6/28** ( 2018.01 )  
**A24D 1/02** ( 2006.01 )  
**D21H 19/06** ( 2006.01 )  
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**(54)** Sensor systems for use in connection with medical procedures  
**(51)** Int. Cl.  
**A61B 18/12** ( 2006.01 )  
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**(21)** 2018253481 **(22)** 23.10.2018  
**(54)** STORAGE CONTAINER  
**(51)** Int. Cl.  
**B65D 88/52** ( 2006.01 )  
**(43)** 07.05.2020  
**(72)** Baker, Chester  
**(74)** Phillips Ormonde Fitzpatrick
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**(11)** AU-A-2020202561  
**(21)** 2020202561 **(22)** 16.04.2020  
**(54)** Tooling for creating tapered opening in tissue and related methods  
**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
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**(62)** 2016248062  
**(72)** Axelrod, Michael A.; Tudor, Letitia  
**(74)** FB Rice Pty Ltd
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**(11)** AU-A-2020202536  
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**(54)** Methods For Predicting Risk Of Metastasis In Cutaneous Melanoma  
**(51)** Int. Cl.  
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 (54) CARD GAME WITH RAKE  
 (51) Int. Cl.  
 A63F 9/24 ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Chugai Seiyaku Kabushiki Kaisha  
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 (21) 2020202498 (22) 14.04.2020  
 (54) Antigen-binding molecule capable of binding to two or more antigen molecules repeatedly  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 C12P 21/08 ( 2006.01 )  
 G01N 33/15 ( 2006.01 )  
 G01N 33/50 ( 2006.01 )

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 (72) MAEDA, Atsuhiko; IGAWA, Tomoyuki; NAKAI, Takashi; ISHII, Shinya  
 (74) Spruson & Ferguson

(71) ClearStream Technologies Limited  
 (11) AU-A-2020202567  
 (21) 2020202567 (22) 16.04.2020  
 (54) A laminate membrane, an implant comprising the laminate membrane and a method of manufacturing the same  
 (51) Int. Cl.  
 A61B 17/12 ( 2006.01 )  
 A61F 2/07 ( 2013.01 )  
 B32B 25/00 ( 2006.01 )

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 (54) Distributing payment keys among multiple discrete devices in a point of sale system  
 (51) Int. Cl.  
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 (54) Hydraulic fill system  
 (51) Int. Cl.

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 A01B 63/10 ( 2006.01 )  
 B60K 15/01 ( 2006.01 )  
 B60K 15/067 ( 2006.01 )  
 B60K 15/073 ( 2006.01 )  
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 (54) Treatment of Rett Syndrome  
 (51) Int. Cl.

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 C07F 9/38 ( 2006.01 )  
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 (62) 2015320748  
 (72) Tonks, Nicholas; Krishnan, Navasona  
 (74) In-Legal Limited

(71) CommScope Connectivity Belgium BVBA  
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 (54) Systems and methods for automated broadband distribution point unit powering  
 (51) Int. Cl.  
 H04B 3/44 ( 2006.01 )  
 H04L 12/10 ( 2006.01 )  
 H04L 12/28 ( 2006.01 )  
 H04L 12/40 ( 2006.01 )  
 H04M 3/22 ( 2006.01 )  
 H04M 19/08 ( 2006.01 )

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 (74) Davies Collison Cave Pty Ltd

(71) ConMed Corporation  
 (11) AU-A-2020202515  
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 (54) System and method for securing tissue to bone  
 (51) Int. Cl.  
 A61B 17/04 ( 2006.01 )  
 A61F 2/08 ( 2006.01 )

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 (72) HEAVEN, Malcolm; GREELIS, John P.; SIRIVONG, Mikxay; YUREK, Matthew T.  
 (74) Griffith Hack

(71) Corcept Therapeutics, Inc.  
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 (21) 2020202441 (22) 08.04.2020  
 (54) Systems and methods of treatment using intervention and tasking determination  
 (51) Int. Cl.  
 G06Q 50/00 ( 2006.01 )

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 (74) Spruson & Ferguson

(71) Covidien LP  
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 (54) Optical trocar assembly  
 (51) Int. Cl.  
 A61B 17/34 ( 2006.01 )  
 A61B 1/06 ( 2006.01 )  
 A61B 1/313 ( 2006.01 )

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(71) Covidien LP  
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 (51) Int. Cl.  
 A61B 17/068 ( 2006.01 )  
 (31) 62/749,417 (32) 23.10.18 (33) US  
 16/569,736 13.09.19 US  
 (43) 07.05.2020  
 (72) KOSTRZEWSKI, Stanislaw  
 (74) Spruson & Ferguson

(71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-A-2020202457  
 (21) 2020202457 (22) 09.04.2020  
 (54) Anti-galectin-1 (Gal1) monoclonal antibodies and fragments thereof for neutralizing Gal1  
 (51) Int. Cl.  
 C07K 16/10 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 C12N 15/113 ( 2010.01 )  
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 (74) FB Rice Pty Ltd

(71) Davis, E.  
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 (21) 2020202511 (22) 14.04.2020  
 (54) Methods for using head positioning pillows to optimize respiratory titration  
 (51) Int. Cl.  
 A62B 7/00 ( 2006.01 )  
 (43) 07.05.2020  
 (62) 2018203199  
 (72) Davis, Edmund Scott  
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(71) Decathlon  
 (11) AU-A-2019246877  
 (21) 2019246877 (22) 11.10.2019  
 (54) Foldable tent comprising two umbrella structures

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**E04H 15/28** ( 2006.01 )  
**E04H 15/48** ( 2006.01 )  
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**(43)** 07.05.2020  
**(72)** LAFOUX, Benjamin; GENERO, Alexandre  
**(74)** Cotters Patent & Trade Mark Attorneys

**(71)** Dexcom, Inc.  
**(11)** AU-A-2020202553  
**(21)** 2020202553 **(22)** 15.04.2020  
**(54)** Transcutaneous analyte sensors and monitors, calibration thereof, and associated methods

(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/1495** ( 2006.01 )  
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**(72)** Garcia, Arturo; Simpson, Peter C.; Kamath, Apurv Ullas; Bhavaraju, Naresh C.; Vanslyke, Stephen J.  
**(74)** FB Rice Pty Ltd

**(71)** Eagle Biologics, Inc.  
**(11)** AU-A-2020202407  
**(21)** 2020202407 **(22)** 06.04.2020  
**(54)** LIQUID PROTEIN FORMULATIONS CONTAINING VISCOSITY-LOWERING AGENTS  
**(51)** Int. Cl.  
**C07K 1/14** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/20** ( 2006.01 )  
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**(72)** Langer, Robert S.; Weight, Alisha K.; Larson, Alyssa M.; Klibanov, Alexander M.; Love, Kevin; Crane, Alan  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** Eagle Biologics, Inc.  
**(11)** AU-A-2020202408  
**(21)** 2020202408 **(22)** 06.04.2020  
**(54)** LIQUID PROTEIN FORMULATIONS CONTAINING IONIC LIQUIDS  
**(51)** Int. Cl.  
**C07K 1/14** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
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**(54)** Transforming attributes for training automated modeling systems

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**G06N 20/00** ( 2019.01 )  
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**G06N 5/00** ( 2006.01 )  
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**(54)** System of Automated Script Generation with Integrated Video Production  
**(51)** Int. Cl.  
**G11B 27/00** ( 2006.01 )  
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**(54)** Wear part monitoring  
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**E02F 9/28** ( 2006.01 )  
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**E02F 3/36** ( 2006.01 )  
**E02F 3/43** ( 2006.01 )  
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**D21D 1/00** ( 2006.01 )  
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**(54)** Systems, methods and machine readable programs for value chain analytics  
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**C07K 14/71** ( 2006.01 )  
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 A61F 2/06 ( 2006.01 )  
 A61F 2/88 ( 2006.01 )  
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 (51) Int. Cl.  
*C07H 21/02* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
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 (21) 2020202578

(71) WANG, C.  
 (11) AU-A-2019250190  
 (21) 2019250190 (22) 17.10.2019  
 (54) STICKING ELIMINATION METHOD FOR AND STRUCTURE OF THE WATER CONTROL VALVE OF A WATER SPRAYING TIMER  
 (51) Int. Cl.  
*F16K 31/04* ( 2006.01 )  
 (31) 107136730 (32) 18.10.18 (33) TW  
 (43) 07.05.2020  
 (72) WANG, CHENG-YU  
 (74) Collison & Co

(71) Waymo LLC  
 (11) AU-A-2020202527  
 (21) 2020202527 (22) 15.04.2020  
 (54) Using wheel orientation to determine future heading  
 (51) Int. Cl.  
*G01S 13/93* ( 2006.01 )  
*B60W 30/095* ( 2012.01 )  
*G01S 15/93* ( 2006.01 )  
*G01S 17/93* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
*G08G 1/16* ( 2006.01 )

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 (62) 2018219084  
 (72) GUTMANN, Jens-Steffen Ralf  
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(71) Wright Medical Technology, Inc.  
 (11) AU-A-2020202510  
 (21) 2020202510 (22) 14.04.2020  
 (54) Implant with intramedullary portion and offset extramedullary portion  
 (51) Int. Cl.  
*A61F 2/42* ( 2006.01 )  
 (43) 07.05.2020  
 (62) 2018253511  
 (72) MULLER, Erin; LEITHER, Andy J.; KAY, David B.; DEN HARTOG, Bryan D.; PERERA, Anthony; PRASAD, Priya; LOWERY, Gary W.; WOODARD, Joseph Ryan  
 (74) Spruson & Ferguson

(71) Yodlee, Inc.  
 (11) AU-A-2020202508  
 (21) 2020202508 (22) 14.04.2020  
 (54) Financial account authentication  
 (51) Int. Cl.  
*G06Q 40/02* ( 2012.01 )  
 (43) 07.05.2020  
 (62) 2014284441  
 (72) BHAT, Dheeraj; SHETTY, Sachinraj; MAKAM, Venkata Naga Saran Kumar  
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(71) Zisman, L.  
 (11) AU-A-2020202556  
 (21) 2020202556 (22) 16.04.2020  
 (54) SPRAY DRY FORMULATIONS  
 (51) Int. Cl.  
*A61K 31/132* ( 2006.01 )  
*A61K 31/136* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
 (43) 07.05.2020  
 (62) 2014331796  
 (72) Zisman, Lawrence S.  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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<b>2018253464</b>	LU, Y.	<b>2020202468</b>	Arbutus Biopharma Corporation
<b>2018253481</b>	Calbah Industries Pty Ltd	<b>2020202469</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
<b>2018264108</b>	Intelligent Synthetic Biology Center	<b>2020202470</b>	Masimo Corporation
<b>2018267580</b>	Bellator Pty Ltd	<b>2020202473</b>	Kambouris, A.
<b>2018271260</b>	Bellator Pty Ltd	<b>2020202474</b>	Aristocrat Technologies Australia Pty Limited
<b>2018353923</b>	Alibaba Group Holding Limited	<b>2020202476</b>	Ricoh Company, Ltd.
<b>2018353931</b>	Alibaba Group Holding Limited	<b>2020202479</b>	Aristocrat Technologies Australia Pty Limited
<b>2019202925</b>	Oracle International Corporation	<b>2020202480</b>	MASTERCARD INTERNATIONAL INCORPORATED
<b>2019203954</b>	B&L Biotech, Inc.	<b>2020202481</b>	Michael Comfort Pty Ltd Trading as Border Pest Control
<b>2019222974</b>	Adobe Inc.	<b>2020202485</b>	BOVIN, N.V.; HENRY, S.M.; KORCHAGINA, E.Y.; RO-DIONOV, I.L.; TUZIKOV, A.B.
<b>2019226157</b>	IGT	<b>2020202486</b>	Lohocla Research Corporation
<b>2019229460</b>	GAMBRO LUNDIA AB	<b>2020202488</b>	Brunson, M.
<b>2019232813</b>	Global Neighbor, Inc.	<b>2020202489</b>	Illumina, Inc.
<b>2019232837</b>	Covidien LP	<b>2020202492</b>	Goldman Sachs & Co. LLC
<b>2019240648</b>	Aboff, C.	<b>2020202493</b>	Husqvarna AB
<b>2019240674</b>	Covidien LP	<b>2020202497</b>	Verb Surgical Inc.
<b>2019246768</b>	ServiceNow, Inc.	<b>2020202498</b>	Chugai Seiyaku Kabushiki Kaisha
<b>2019246877</b>	Decathlon	<b>2020202499</b>	Financial & Risk Organisation Limited
<b>2019246915</b>	Fives Intralogistics S.p.A. Con Socio Unico	<b>2020202500</b>	Novartis AG
<b>2019246936</b>	Franke Technology and Trademark Ltd	<b>2020202502</b>	Parimax Holdings, LLC
<b>2019250144</b>	Otis Elevator Company	<b>2020202504</b>	CommScope Connectivity Belgium BVBA
<b>2019250157</b>	Altech Chemicals Australia Pty Ltd	<b>2020202507</b>	Sezanne Marine Limited
<b>2019250159</b>	Tata Consultancy Services Limited	<b>2020202508</b>	Yodlee, Inc.
<b>2019250167</b>	ServiceNow, Inc.	<b>2020202509</b>	Hologic, Inc.
<b>2019250174</b>	Oticon Medical A/S	<b>2020202510</b>	Wright Medical Technology, Inc.
<b>2019250175</b>	Oticon Medical A/S	<b>2020202511</b>	Davis, E.
<b>2019250178</b>	Oticon Medical A/S	<b>2020202512</b>	IPCO 2012 Limited
<b>2019250184</b>	Transdev Group	<b>2020202514</b>	Huawei Technologies Co., Ltd.
<b>2019250185</b>	PV Guider Consultancy Co., Ltd.	<b>2020202515</b>	ConMed Corporation
<b>2019250190</b>	WANG, C.	<b>2020202516</b>	Applied Medical Resources Corporation
<b>2019250197</b>	LevelMaster Pty Ltd	<b>2020202517</b>	ESCO Group LLC
<b>2019250208</b>	Kajlich, A.	<b>2020202519</b>	ShotTrack Pty Ltd
<b>2019250212</b>	Tata Consultancy Services Limited	<b>2020202527</b>	Waymo LLC
<b>2019250236</b>	General Electric Company	<b>2020202530</b>	VOYAGER THERAPEUTICS, INC.
<b>2019250243</b>	Kao Germany GmbH	<b>2020202532</b>	CFPH, LLC
<b>2019250253</b>	K2M, Inc.	<b>2020202533</b>	MiCure Therapeutics Ltd
<b>2019250256</b>	James, B.	<b>2020202534</b>	Apple Inc.
<b>2019250259</b>	LG Electronics Inc.	<b>2020202536</b>	Castle Biosciences, Inc.
<b>2019250263</b>	The Boeing Company	<b>2020202537</b>	ERIS, K.
<b>2019250273</b>	Mayo Hardware Pty Ltd	<b>2020202538</b>	Adaptimmune Limited
<b>2019250280</b>	Mechanical System Dynamics Pty Ltd	<b>2020202542</b>	Equifax Inc.
<b>2019253770</b>	SOE, V.	<b>2020202543</b>	Intuit Inc.
<b>2019253819</b>	CNH Industrial America LLC	<b>2020202544</b>	Foundation Medicine, Inc.
<b>2019253857</b>	Hofmann Engineering Pty Ltd	<b>2020202550</b>	Apple Inc.
<b>2019257397</b>	Alibaba Group Holding Limited	<b>2020202551</b>	Apple Inc.
<b>2019356038</b>	ASCO Biegetechnik GmbH	<b>2020202552</b>	Jackson III, A.
<b>2020202392</b>	Mallinckrodt Hospital Products IP Limited	<b>2020202553</b>	Dexcom, Inc.
<b>2020202407</b>	Eagle Biologics, Inc.	<b>2020202554</b>	IPCO 2012 Limited
<b>2020202408</b>	Eagle Biologics, Inc.	<b>2020202555</b>	Foundation Medicine, Inc.
<b>2020202426</b>	Cold Spring Harbor Laboratory	<b>2020202556</b>	Zisman, L.
<b>2020202433</b>	Biosense Webster (Israel) Ltd.	<b>2020202558</b>	NEC Corporation
<b>2020202435</b>	Oncotherapy Science, Inc.	<b>2020202559</b>	Société des Produits Nestlé S.A.
<b>2020202436</b>	eyeBrain Medical, Inc.	<b>2020202560</b>	AbbVie Inc.
<b>2020202437</b>	SITA Information Networking Computing Ireland Limited	<b>2020202561</b>	Cartiva, Inc.
<b>2020202438</b>	Island Oasis	<b>2020202562</b>	Google Technology Holdings LLC
<b>2020202439</b>	Industrial Galvanizers Corporation Pty Ltd	<b>2020202563</b>	Fractyl Laboratories, Inc.
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<b>2020202442</b>	Buffalo Filter LLC	<b>2020202565</b>	SealShield LLC
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<b>2020202458</b>	Regents of the University of Minnesota	<b>2020202570</b>	Ablynx NV
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<b>2020202463</b>	Smedley's Engineers Pty Ltd; Maluva Engineering Pty Ltd		
<b>2020202466</b>	Agquam LLC		
<b>2020202467</b>	FiberLean Technologies Limited		

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**2020202576** Guangzhou Cellprotek Pharmaceutical Co., Ltd  
**2020202577** Alkermes Pharma Ireland Limited  
**2020202578** W. L. Gore & Associates, Inc.; W. L. Gore & Associates GmbH  
**2020202579** The Coca-Cola Company  
**2020202580** Mexichem Fluor S.A. de C.V.  
**2020202581** Hanmi Pharm. Co., Ltd  
**2020202584** AbbVie Inc.  
**2020202585** Apple Inc.  
**2020202587** Ariosa Diagnostics, Inc.  
**2020202589** AstraZeneca AB; AstraZeneca UK Limited  
**2020202593** NATIONAL RESEARCH COUNCIL OF CANADA  
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**2020202595** Rookie Me IP Pty Ltd  
**2020202596** McIntosh, J.  
**2020202597** The University of Melbourne



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<b>G02C 3 /-</b> 2018271260			
<b>G02C 5 /-</b> 2018271260			

Innovation Patents Open to Public Inspection

Name Index

(\*) Title not in Roman characters  
 (\*\*) Title not given  
 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

- 
- (71) Apple Inc.  
 (11) AU-A-2020100473  
 (21) 2020100473 (22) 27.03.2020  
 (54) Connected epitaxial optical sensing systems  
 (51) Int. Cl.  
*G01J 1/42* ( 2006.01 )  
*G01J 1/02* ( 2006.01 )  
*H01S 5/026* ( 2006.01 )  
*H01S 5/0683* ( 2006.01 )  
*H01S 5/40* ( 2006.01 )  
 (45) 07.05.2020  
 (62) PCT/US2018/052669  
 (72) BISMUTO, Alfredo; SIMON, David I; PELC, Jason  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Arctech Solar Holding Co., Ltd.  
 (11) AU-A-2018102163  
 (21) 2018102163 (22) 25.09.2018  
 (54) Photovoltaic assembly fixing component and photovoltaic system  
 (51) Int. Cl.  
*H02S 20/00* ( 2014.01 )  
*H02S 20/10* ( 2014.01 )  
 (31) 201721237047.5 (32) 26.09.17 (33) CN  
 (45) 07.05.2020  
 (72) CAI, Hao; LI, Jianmin; YANG, Kai  
 (74) Shelston IP Pty Ltd.
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<b>2020100461</b>	Brandname Properties Pty Ltd
<b>2020100464</b>	Sonova AG
<b>2020100470</b>	Guangzhou Institute of Geochemistry, Chinese Academy of Sciences
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(43) 04.04.2019  
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(74) FB Rice Pty Ltd
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(54) A salt recovery solution and processes of use thereof  
(51) Int. Cl.  
C01D 3/06 ( 2006.01 )  
C02F 1/26 ( 2006.01 )  
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(31) 62/567,545 (32) 03.10.17 (33) US  
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**(43)** 06.06.2019  
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**(74)** Spruson & Ferguson
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**(11)** AU-A-2019356038  
**(21)** 2019356038 **(22)** 18.10.2019  
**(54)** Method for spatially arranging coils in a coil store, and combination of a processing machine and a coil store  
**(51)** Int. Cl.  
**B21C 47/32** ( 2006.01 )  
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**(72)** MATTHÄB, Sylvio  
**(74)** Davies Collison Cave Pty Ltd
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**(54)** Use of cyclodextrins in diseases and disorders involving phospholipid dysregulation  
**(51)** Int. Cl.  
**A61K 31/724** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
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**(31)** 62/643,694 **(32)** 15.03.18 **(33)** US  
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**(43)** 04.04.2019  
**(72)** WITTKOWSKI, Knut M.  
**(74)** FB Rice Pty Ltd
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**(21)** 2018335617 **(22)** 24.09.2018  
**(54)** Combination of a BTK inhibitor and an inhibitor of CDK9 to treat cancer  
**(51)** Int. Cl.  
**A61K 31/352** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
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**A61K 31/522** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(43)** 28.03.2019  
**(72)** BOIKO, Scott; CIDADO, Justin; DREW, Lisa; PROIA, Theresa; SAN MARTIN, Maryann  
**(74)** Phillips Ormonde Fitzpatrick
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**(54)** A method for purification of an aqueous solution  
**(51)** Int. Cl.  
**C02F 1/467** ( 2006.01 )  
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**C02F 101/10** ( 2006.01 )  
**C02F 101/20** ( 2006.01 )  
**C02F 101/22** ( 2006.01 )  
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**(31)** 17199244.9 **(32)** 30.10.17 **(33)** EP  
**(43)** 09.05.2019  
**(72)** WICKMAN, Björn; TUNSU, Cristian  
**(74)** Madderns Pty Ltd
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- (71)** Aurigene Discovery Technologies Limited  
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**(21)** 2018360386 **(22)** 31.10.2018  
**(54)** Dual inhibitors of TIM-3 and PD-1 pathways  
**(51)** Int. Cl.  
**C07D 273/08** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(43)** 09.05.2019  
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**(54)** Conjoint therapies for immunomodulation  
**(51)** Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(74)** WRAYS PTY LTD
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**(21)** 2018355167 **(22)** 22.10.2018  
**(54)** Multilayer electronic device having improved connectivity and method for making the same  
**(51)** Int. Cl.  
**H01G 4/30** ( 2006.01 )  
**H01G 2/06** ( 2006.01 )  
**H05K 3/34** ( 2006.01 )  
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**(21)** 2018345184 **(22)** 05.09.2018  
**(54)** Ball drop two stage valve  
**(51)** Int. Cl.  
**E21B 34/06** ( 2006.01 )  
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**F16K 1/14** ( 2006.01 )  
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**(31)** 15/724,494 **(32)** 04.10.17 **(33)** US  
**(43)** 11.04.2019  
**(72)** FUXA, Jason; TURICK, Daniel J.; JOHN-SON, Michael; HIGHTOWER, Adriana; SNITKOFF, Joshua Raymond; CARREJO, Nicholas; ABDELFAHATTAH, Tarik  
**(74)** Patent Attorney Services
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**(54)** Plug formed from a disintegrate on demand (DOD) material  
**(51)** Int. Cl.  
**E21B 33/12** ( 2006.01 )  
**E21B 29/02** ( 2006.01 )  
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**(31)** 15/784,882 **(32)** 16.10.17 **(33)** US  
**(43)** 25.04.2019  
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**(74)** Patent Attorney Services
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**(21)** 2018345769 **(22)** 02.10.2018  
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**(51)** Int. Cl.  
**E21B 10/42** ( 2006.01 )  
**E21B 10/54** ( 2006.01 )  
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**(31)** 15/725,097 **(32)** 04.10.17 **(33)** US  
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**(72)** RUSSELL, Steven Craig; EVANS, Kenneth R.; MATTHEWS III, Oliver  
**(74)** Patent Attorney Services
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**(21)** 2018356511 **(22)** 23.10.2018  
**(54)** Display tile with increased display area  
**(51)** Int. Cl.  
**G02F 1/1333** ( 2006.01 )  
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**(74)** Spruson & Ferguson

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 (21) 2018354771 (22) 18.10.2018  
 (54) Process for producing aqueous polyacrylamide solutions  
 (51) Int. Cl.  
 C08F 20/56 (2006.01)  
 C08F 2/01 (2006.01)  
 C12P 13/02 (2006.01)  
 E21B 7/00 (2006.01)  
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- (71) BASF SE  
 (11) AU-A-2018373436  
 (21) 2018373436 (22) 07.11.2018  
 (54) Herbicidal pyridylethers  
 (51) Int. Cl.  
 C07D 401/04 (2006.01)  
 A01N 43/40 (2006.01)  
 A01N 43/56 (2006.01)  
 A01N 43/653 (2006.01)  
 A01N 43/66 (2006.01)  
 C07D 401/14 (2006.01)  
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 (74) Watermark Intellectual Property Pty Ltd
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 (11) AU-A-2018373532  
 (21) 2018373532 (22) 12.11.2018  
 (54) Herbicidal phenylethers  
 (51) Int. Cl.  
 C07D 487/04 (2006.01)  
 A01N 43/40 (2006.01)  
 A01N 43/54 (2006.01)  
 A01N 43/82 (2006.01)  
 A01N 43/90 (2006.01)  
 C07D 213/69 (2006.01)  
 C07D 239/54 (2006.01)  
 C07D 401/12 (2006.01)  
 C07D 513/04 (2006.01)  
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 (72) WITSCHHEL, Matthias; SOUILLART, Laetitia; SEISER, Tobias; NEWTON, Trevor William; PARRA RAPADO, Liliana; MASSA, Dario; APONTE, Raphael; MIETZNER, Thomas; SEITZ, Thomas  
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 (54) Benzoxaborole compounds  
 (51) Int. Cl.  
 A01N 55/08 (2006.01)  
 C07F 5/02 (2006.01)  
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 (51) Int. Cl.  
 C08G 65/26 (2006.01)  
 C08G 65/334 (2006.01)  
 C11D 1/72 (2006.01)  
 C12N 7/00 (2006.01)  
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 (21) 2018358223 (22) 31.10.2018  
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 (51) Int. Cl.  
 A61M 5/31 (2006.01)  
 A61K 9/00 (2006.01)  
 A61K 9/16 (2006.01)  
 A61K 38/00 (2006.01)  
 A61K 47/42 (2017.01)  
 A61M 5/315 (2006.01)  
 A61M 11/00 (2006.01)  
 A61M 35/00 (2006.01)  
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 (21) 2018376231 (22) 28.11.2018  
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 (51) Int. Cl.  
 C07K 16/28 (2006.01)  
 A61K 31/337 (2006.01)  
 A61K 39/395 (2006.01)
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 (54) Spacer assembly for drug delivery device  
 (51) Int. Cl.  
 A61M 5/315 (2006.01)  
 A61M 5/142 (2006.01)  
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 (51) Int. Cl.  
 A61M 5/00 (2006.01)  
 A61M 5/142 (2006.01)  
 (87) WO2019/079174  
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 (54) End-of-dose detection for drug delivery system  
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 A61M 5/20 (2006.01)  
 A61M 5/142 (2006.01)  
 A61M 5/315 (2006.01)  
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 (31) 62/572,722 (32) 16.10.17 (33) US  
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 (54) Tube crimping arrangement for drug delivery device  
 (51) Int. Cl.  
 A61M 5/168 (2006.01)  
 A61M 5/142 (2006.01)  
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 (54) Method for charging or discharging an en-  
 ergy store  
 (51) Int. Cl.  
 H01M 10/44 ( 2006.01 )  
 H01M 10/48 ( 2006.01 )  
 H02J 7/00 ( 2006.01 )  
 H01M 10/42 ( 2006.01 )  
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 (54) Composition and uses thereof  
 (51) Int. Cl.  
 A61K 36/37 ( 2006.01 )  
 A61K 31/202 ( 2006.01 )  
 A61K 31/585 ( 2006.01 )  
 A61K 36/81 ( 2006.01 )  
 A61K 36/9066 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
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 thereof as medicament  
 (51) Int. Cl.  
 C07D 471/04 ( 2006.01 )  
 A61K 31/437 ( 2006.01 )  
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 A61P 25/00 ( 2006.01 )  
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 combinant silk
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 (11) AU-A-2018364657  
 (21) 2018364657 (22) 09.11.2018  
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 laser beam  
 (51) Int. Cl.  
 H01S 3/23 ( 2006.01 )  
 G02B 19/00 ( 2006.01 )  
 G02B 27/09 ( 2006.01 )  
 H01S 3/00 ( 2006.01 )  
 H01S 3/16 ( 2006.01 )  
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 (43) 16.05.2019  
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 (54) Medical laser fiber  
 (51) Int. Cl.  
 A61B 18/22 ( 2006.01 )  
 A61N 5/06 ( 2006.01 )  
 A61N 5/067 ( 2006.01 )  
 G02B 6/44 ( 2006.01 )  
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 (31) 62/584,292 (32) 10.11.17 (33) US  
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 (54) Systems, methods and devices for connect-  
 ing non-adherent structures  
 (51) Int. Cl.  
 A61B 17/11 ( 2006.01 )  
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 A61F 2/06 ( 2013.01 )  
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 DESIMIO, Thomas  
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 (21) 2018360621 (22) 31.10.2018  
 (54) Bra  
 (51) Int. Cl.  
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 A41C 3/14 ( 2006.01 )
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 Limited  
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 (21) 2018356923 (22) 27.09.2018  
 (54) A filter for a smoking article or an aerosol  
 generating product  
 (51) Int. Cl.  
 A24D 3/04 ( 2006.01 )  
 A24D 3/06 ( 2006.01 )  
 (87) WO2019/081881  
 (31) 1717567.0 (32) 25.10.17 (33) GB  
 (43) 02.05.2019  
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 drei  
 (74) Shelston IP Pty Ltd.
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 Limited  
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 (21) 2018361651 (22) 31.10.2018  
 (54) Aerosolisable formulation  
 (51) Int. Cl.  
 A24B 15/16 ( 2006.01 )  
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 (43) 09.05.2019  
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 James  
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 (21) 2018338646 (22) 27.09.2018  
 (54) A mechanism for online lottery systems and  
 a method for implementation  
 (51) Int. Cl.  
 A63F 3/06 ( 2006.01 )  
 G07F 17/32 ( 2006.01 )  
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 (31) 62/564,005 (32) 27.09.17 (33) US  
 (43) 04.04.2019  
 (72) BROWN, Benjamin  
 (74) Alder IP Pty Ltd
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 (11) AU-A-2018355267  
 (21) 2018355267 (22) 24.10.2018  
 (54) Method and apparatus for filtering  
 (51) Int. Cl.  
 A61M 1/00 ( 2006.01 )  
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 (31) 62/576,301 (32) 24.10.17 (33) US  
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 Gregory  
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- (71) BXB Digital Pty Limited  
 (11) AU-A-2018353840

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 (54) Systems and methods for tracking goods carriers  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*G06K 9/62* ( 2006.01 )  
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C08J 5/04 ( 2006.01 )  
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C09D 17/00 ( 2006.01 )  
D06P 1/44 ( 2006.01 )  
G02B 5/20 ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 5/11** ( 2006.01 )  
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**A23G 1/30** ( 2006.01 )  
**A23K 50/40** ( 2016.01 )  
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 DING, Gang  
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**(11)** AU-A-2018360559  
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**(54)** Combination comprising at least one spli-  
 ceosome modulator and at least one inhibi-  
 tor chosen from BCL2 inhibitors, BCL2/  
 BCLxL inhibitors, and BCLxL inhibitors  
 and methods of use  
**(51)** Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 FEKKES, Peter  
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**(71)** Ekornes ASA  
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**A47C 1/124** ( 2006.01 )  
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 tion, isolation and supply restoration  
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**H02J 3/00** ( 2006.01 )  
**H02H 3/06** ( 2006.01 )  
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**G06Q 30/02** ( 2012.01 )  
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**A61P 35/00** ( 2006.01 )  
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 YADAV, Vipin  
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**F16K 1/226** ( 2006.01 )  
**F16K 1/22** ( 2006.01 )  
**F16K 27/00** ( 2006.01 )  
**F16K 27/02** ( 2006.01 )  
**F16L 23/16** ( 2006.01 )  
**F16L 49/04** ( 2006.01 )  
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 (51) Int. Cl.  
 C07D 243/20 ( 2006.01 )  
 A61K 31/55 ( 2006.01 )  
 A61K 31/551 ( 2006.01 )  
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 B41F 33/08 ( 2006.01 )  
 B41F 5/02 ( 2006.01 )  
 B41F 5/24 ( 2006.01 )  
 B41F 13/00 ( 2006.01 )  
 B41F 13/30 ( 2006.01 )  
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 (51) Int. Cl.  
 B01J 23/83 ( 2006.01 )  
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 B01J 35/02 ( 2006.01 )  
 B01J 35/10 ( 2006.01 )  
 B01J 37/02 ( 2006.01 )  
 B01J 37/03 ( 2006.01 )  
 B01J 37/08 ( 2006.01 )  
 B01J 37/18 ( 2006.01 )  
 C07C 1/04 ( 2006.01 )  
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 C08G 61/12 ( 2006.01 )  
 C09D 11/52 ( 2014.01 )  
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 (51) Int. Cl.  
 C12Q 1/68 ( 2018.01 )  
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 C07K 19/00 ( 2006.01 )  
 A61K 38/16 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07K 14/715 ( 2006.01 )  
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 (51) Int. Cl.  
 E21B 43/013 ( 2006.01 )  
 B01D 19/00 ( 2006.01 )  
 E21B 21/08 ( 2006.01 )  
 E21B 43/01 ( 2006.01 )  
 F16L 1/12 ( 2006.01 )  
 F16L 1/15 ( 2006.01 )  
 F16L 3/00 ( 2006.01 )  
 F16L 5/00 ( 2006.01 )  
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 E21B 33/035 ( 2006.01 )  
 E21B 17/02 ( 2006.01 )  
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(54) A hygiene monitoring system  
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*G16H 40/20* ( 2018.01 )  
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*G16H 40/67* ( 2018.01 )  
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MALI, Shyam; ROZEE, Martin  
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(51) Int. Cl.  
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*C07D 223/10* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
*A61K 31/55* ( 2006.01 )  
*A61K 31/5513* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 243/08* ( 2006.01 )  
*C07D 243/14* ( 2006.01 )  
*C07D 409/12* ( 2006.01 )  
*C07D 487/02* ( 2006.01 )  
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with hemostasis-promoting agents and  
devices for delivery  
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*C08L 33/12* ( 2006.01 )  
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(51) Int. Cl.  
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*A61K 31/454* ( 2006.01 )  
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*H04L 12/24* ( 2006.01 )  
*G06F 21/00* ( 2013.01 )  
*G06F 21/62* ( 2013.01 )  
*H04L 12/26* ( 2006.01 )  
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(54) Machine for conveying objects and multi-  
bay carousel for use therewith  
(51) Int. Cl.  
*B65G 47/04* ( 2006.01 )  
*B65G 15/00* ( 2006.01 )  
*B65G 17/00* ( 2006.01 )  
*B65G 47/00* ( 2006.01 )  
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**(54)** Acoustic transducer drive and controller  
**(51)** Int. Cl.  
**H04R 3/04** ( 2006.01 )  
**H04R 1/24** ( 2006.01 )  
**H04R 17/00** ( 2006.01 )  
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**(21)** 2018351798 **(22)** 21.09.2018  
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 subsea system  
**(51)** Int. Cl.  
**E21B 43/013** ( 2006.01 )  
**E21B 41/08** ( 2006.01 )  
**E21B 43/017** ( 2006.01 )  
**F16L 1/26** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**(21)** 2018351006 **(22)** 18.10.2018  
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 therapy  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )
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 B29C 59/02 ( 2006.01 )  
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 A61K 47/68 ( 2017.01 )  
 A61P 25/00 ( 2006.01 )  
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**C12Q 1/68** ( 2018.01 )  
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**A61B 3/00** ( 2006.01 )  
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**A61F 9/007** ( 2006.01 )  
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**A23L 33/19** ( 2016.01 )  
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**B65B 1/30** ( 2006.01 )  
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**G01N 11/08** ( 2006.01 )  
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**F16C 11/04** ( 2006.01 )  
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**E21B 21/00** ( 2006.01 )  
**E21B 21/01** ( 2006.01 )  
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**H04L 29/08** ( 2006.01 )  
**H04W 76/10** ( 2018.01 )  
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*A23L 29/231* ( 2016.01 )  
*A61K 31/175* ( 2006.01 )  
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*A61B 5/103* ( 2006.01 )  
*A61B 5/05* ( 2006.01 )  
*A61B 8/00* ( 2006.01 )  
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*G01F 17/00* ( 2006.01 )  
*G01N 3/24* ( 2006.01 )  
*G01N 3/40* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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*H01M 2/16* ( 2006.01 )  
*H01M 10/0525* ( 2010.01 )  
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 (51) Int. Cl.

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**H01M 2/14** ( 2006.01 )  
**H01M 2/34** ( 2006.01 )  
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**A61P 25/00** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 9/78** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
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**A61F 2/46** ( 2006.01 )  
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welding of rails  
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**B22C 9/10** ( 2006.01 )  
**B22D 19/04** ( 2006.01 )  
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**H03M 1/12** ( 2006.01 )  
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**A61K 31/496** ( 2006.01 )  
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**F16P 3/00** ( 2006.01 )  
**A01G 3/037** ( 2006.01 )  
**B25F 5/00** ( 2006.01 )  
**B26B 15/00** ( 2006.01 )  
**B26D 7/22** ( 2006.01 )  
**B26D 7/24** ( 2006.01 )  
**F16P 3/12** ( 2006.01 )  
**F16P 3/20** ( 2006.01 )  
**H03K 17/96** ( 2006.01 )  
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tool comprising such a control device  
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**F16P 3/00** ( 2006.01 )  
**A01G 3/037** ( 2006.01 )  
**B25F 5/00** ( 2006.01 )  
**B26D 7/22** ( 2006.01 )  
**B26D 7/24** ( 2006.01 )  
**F16P 3/12** ( 2006.01 )  
**H03K 17/96** ( 2006.01 )  
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**B26D 7/22** ( 2006.01 )  
**A01G 3/00** ( 2006.01 )  
**A01G 3/037** ( 2006.01 )  
**B26B 15/00** ( 2006.01 )  
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**A23L 2/68** ( 2006.01 )  
**A23L 13/40** ( 2016.01 )  
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**C07C 233/67** ( 2006.01 )  
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A61L 31/06 (2006.01)  
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C07D 401/14 (2006.01)  
A61K 31/444 (2006.01)  
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A61P 35/00 (2006.01)  
C07D 401/04 (2006.01)  
C07D 491/107 (2006.01)  
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A01N 37/40 (2006.01)  
A01N 25/30 (2006.01)  
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F16L 21/03 (2006.01)  
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G01N 27/83 (2006.01)  
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B29C 33/40 (2006.01)  
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**(51)** Int. Cl.  
**B65D 47/08** ( 2006.01 )  
**B65D 43/16** ( 2006.01 )  
**B65D 47/00** ( 2006.01 )  
**B65D 47/04** ( 2006.01 )  
**B65D 47/06** ( 2006.01 )  
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**(21)** 2018369353 **(22)** 30.10.2018  
**(54)** Freeze-thaw stable water-in-oil emulsion cleaner and/or polish compositions  
**(51)** Int. Cl.  
**B01F 17/00** ( 2006.01 )  
**C09G 1/04** ( 2006.01 )  
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**(54)** Screening assembly and mobile material processing machine  
**(51)** Int. Cl.  
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**B07B 13/16** ( 2006.01 )  
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**(21)** 2018355343 **(22)** 24.10.2018  
**(54)** Methods and compositions for the treatment of rare diseases  
**(51)** Int. Cl.  
**A01N 61/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
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**(21)** 2018332326 **(22)** 17.09.2018  
**(54)** Method and device for purification of blood from circulating cell free DNA  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**A61M 1/34** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 47/64** ( 2017.01 )  
**A61P 21/00** ( 2006.01 )  
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**(21)** 2018342893 **(22)** 26.09.2018  
**(54)** Semi-submersible spar-type offshore fish farm with detachable and pivotable coupling assembly  
**(51)** Int. Cl.  
**A01K 61/60** ( 2017.01 )  
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**(31)** 17193670.1 **(32)** 28.09.17 **(33)** EP  
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**(74)** Phillips Ormonde Fitzpatrick
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**(54)** A crutch stand system  
**(51)** Int. Cl.  
**A61H 3/02** ( 2006.01 )  
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**(54)** Floating wave energy device  
**(51)** Int. Cl.  
**F03B 13/18** ( 2006.01 )  
**B63B 22/04** ( 2006.01 )  
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**(72)** TOURNERIE, Vincent  
**(74)** Griffith Hack
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**(54)** Fastener systems and methods  
**(51)** Int. Cl.  
**F16B 31/00** ( 2006.01 )  
**F16J 15/02** ( 2006.01 )  
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**(54)** Camera-implemented article layout control method for shelves equipped with electronic shelf labels  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06K 9/00** ( 2006.01 )  
**G06Q 30/02** ( 2012.01 )  
**G06Q 50/28** ( 2012.01 )  
**G06T 7/00** ( 2017.01 )  
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**(54)** Garbage bag packing mechanism and intelligent trash bin  
**(51)** Int. Cl.  
**B65F 1/14** ( 2006.01 )  
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**(54)** Hot-melt device, intelligent trash can and hot-melt temperature control method

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(54) Trash bag component of intelligent trash bin, trash bag laying apparatus, and intelligent trash bin
- (51) Int. Cl.  
**B65F 1/06** ( 2006.01 )  
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- (51) Int. Cl.  
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**A61B 34/20** ( 2016.01 )
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(54) User interface for managing a multiple diagnostic engine environment
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**G01N 27/327** ( 2006.01 )
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**G06F 16/25** ( 2019.01 )
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(54) Detection of fields
- (51) Int. Cl.  
**G01B 11/16** ( 2006.01 )  
**G01B 9/02** ( 2006.01 )  
**G01D 5/26** ( 2006.01 )  
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**G01R 33/02** ( 2006.01 )  
**G01R 33/032** ( 2006.01 )  
**G02B 26/00** ( 2006.01 )
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(54) A modular lighting fixture
- (51) Int. Cl.  
**F21S 8/02** ( 2006.01 )  
**F21V 17/00** ( 2006.01 )  
**F21V 23/02** ( 2006.01 )  
**F21V 25/12** ( 2006.01 )  
**F21V 33/00** ( 2006.01 )  
**F21V 17/10** ( 2006.01 )  
**F21V 21/04** ( 2006.01 )  
**F21Y 103/33** ( 2016.01 )  
**F21Y 115/10** ( 2016.01 )
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(72) WARD, Bob  
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(21) 2018362588 (22) 02.11.2018  
(54) Nutrition blend for health benefits in animals
- (51) Int. Cl.  
**A61K 36/9066** ( 2006.01 )  
**A61K 36/00** ( 2006.01 )  
**A61K 36/53** ( 2006.01 )
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(54) Creamer composition
- (51) Int. Cl.  
**A23C 11/10** ( 2006.01 )  
**A23L 9/20** ( 2016.01 )
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 (54) Extracts and their use  
 (51) Int. Cl.  
**A23L 33/00** ( 2016.01 )  
**A23C 9/142** ( 2006.01 )  
**A23J 3/08** ( 2006.01 )  
**A23L 33/19** ( 2016.01 )  
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 (21) 2018387158 (22) 18.12.2018  
 (54) Beverage preparation machine with foam refinement  
 (51) Int. Cl.  
**A47J 31/44** ( 2006.01 )  
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 (31) 17208727.2 (32) 20.12.17 (33) EP  
 (43) 27.06.2019  
 (72) KRISTLBAUER, Jürgen  
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 (11) AU-A-2018387159  
 (21) 2018387159 (22) 18.12.2018  
 (54) Beverage preparation machine with drop evacuation  
 (51) Int. Cl.  
**A47J 31/46** ( 2006.01 )  
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 (11) AU-A-2018387279  
 (21) 2018387279 (22) 20.12.2018  
 (54) Compositions comprising at least on N-acetylated and at least one fucosylated oligosaccharide for use in the promotion of digestive capacity in infants and young children  
 (51) Int. Cl.  
**A61K 31/702** ( 2006.01 )  
**A23L 33/00** ( 2016.01 )  
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 (11) AU-A-2018387291  
 (21) 2018387291 (22) 20.12.2018  
 (54) Compositions for use in the promotion of intestinal muscle growth and development and associated intestinal motility  
 (51) Int. Cl.  
**A61K 31/702** ( 2006.01 )  
**A23L 33/00** ( 2016.01 )  
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 (54) Compositions and methods using a combination of autophagy inducer and high protein for induction of autophagy  
 (51) Int. Cl.  
**A61K 38/01** ( 2006.01 )  
**A61K 31/132** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
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 (21) 2018387722 (22) 19.12.2018  
 (54) Beverage preparation machine with handy drop stop  
 (51) Int. Cl.  
**A47J 31/46** ( 2006.01 )  
 (87) WO2019/121865  
 (31) 17208731.4 (32) 20.12.17 (33) EP  
 (43) 27.06.2019  
 (72) KRISTLBAUER, Jürgen  
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 (21) 2018390790 (22) 19.12.2018  
 (54) Portion dispenser for dispensing portioned beverage items  
 (51) Int. Cl.  
**A47J 31/36** ( 2006.01 )  
**G07F 11/04** ( 2006.01 )  
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 (54) Exchangeable cartridge for beverage portion dispenser  
 (51) Int. Cl.  
**A47J 31/36** ( 2006.01 )  
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 (31) 17210543.9 (32) 22.12.17 (33) EP  
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 (21) 2018390799 (22) 19.12.2018  
 (54) Compositions and methods using high protein for induction of autophagy  
 (51) Int. Cl.  
**A61P 21/00** ( 2006.01 )  
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 (21) 2018392643 (22) 19.12.2018  
 (54) An optimized coffee pod for beverage preparation  
 (51) Int. Cl.  
**B65D 85/804** ( 2006.01 )  
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 (21) 2018394143 (22) 21.12.2018  
 (54) Composition comprising ferrous sulphate monohydrate and long chain polyunsaturated fatty acids  
 (51) Int. Cl.  
**A23L 33/12** ( 2016.01 )  
**A23C 9/13** ( 2006.01 )  
**A23L 2/52** ( 2006.01 )  
**A23L 33/16** ( 2016.01 )  
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 (54) Method for manufacturing paper or cardboard  
 (51) Int. Cl.

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**D21H 17/42** ( 2006.01 )  
**D21H 17/45** ( 2006.01 )  
**D21H 17/55** ( 2006.01 )  
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(74) AJ PARK
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(54) Composition for type I allergy  
(51) Int. Cl.  
**A23L 33/135** ( 2016.01 )  
**A23K 10/10** ( 2016.01 )  
**A23K 20/163** ( 2016.01 )  
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**A23L 33/125** ( 2016.01 )  
**A61K 8/73** ( 2006.01 )  
**A61K 8/99** ( 2017.01 )  
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**A61K 35/747** ( 2015.01 )  
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E21B 12/02 ( 2006.01 )  
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C08G 18/42 ( 2006.01 )  
C09D 175/08 ( 2006.01 )  
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C12N 15/00 ( 2006.01 )  
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G01N 33/50 (2006.01)  
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<b>2017432726</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018336718</b>	Noble Drilling Services Inc.
<b>2017433464</b>	Evonik Specialty Chemicals (Shanghai) Co., Ltd.	<b>2018336745</b>	Sleep Safe Systems Ltd.
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<b>2017435839</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2018337546</b>	LG Electronics Inc.
<b>2017436303</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018337712</b>	Medtentia International Ltd Oy
<b>2017436329</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018337761</b>	The University of Adelaide
<b>2017436653</b>	Compagnie Generale des Etablissements Michelin	<b>2018337840</b>	PayPal, Inc.
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<b>2017436901</b>	Hitachi, Ltd.	<b>2018338098</b>	ABM Therapeutics Corporation
<b>2017437537</b>	Equifax, Inc.	<b>2018338103</b>	Nacuity Pharmaceuticals, Inc.
<b>2017437650</b>	Institute of Acoustics, Chinese Academy of Sciences; Beijing Hili Technology Co. Ltd	<b>2018338105</b>	PayPal, Inc.
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<b>2017438484</b>	Mitsubishi Electric Corporation	<b>2018338277</b>	Morinaga Milk Industry Co., Ltd.
<b>2017438670</b>	Mitsubishi Electric Corporation	<b>2018338337</b>	Teague, P.
<b>2017438987</b>	Jroll Tech Ltd	<b>2018338612</b>	EpicientRx, Inc.
<b>2017439325</b>	Choi, J.	<b>2018338626</b>	The Trustees of The Stevens Institute of Technology
<b>2017439486</b>	Essity Hygiene and Health Aktiebolag	<b>2018338645</b>	Wang, K.
<b>2017439488</b>	Essity Hygiene and Health Aktiebolag	<b>2018338646</b>	Brown, B.
<b>2017439508</b>	The Procter & Gamble Company	<b>2018338647</b>	University of Southern California
<b>2017439969</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018338720</b>	Aqseptence Group, Inc.
<b>2017440824</b>	Huawei Technologies Co., Ltd.	<b>2018338855</b>	Takeda Pharmaceutical Company Limited
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<b>2017444369</b>	Guangzhou Ribobio Co., Ltd.	<b>2018339746</b>	Huawei Technologies Co., Ltd.
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<b>2018309046</b>	Trinity Bay Equipment Holdings, LLC	<b>2018340731</b>	Liaoning Upcera Co., Ltd.
<b>2018328766</b>	Francisquini, M.	<b>2018340884</b>	National Research Council of Canada
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<b>2018334800</b>	Shanghai United Imaging Healthcare Co., Ltd.	<b>2018341437</b>	Green Cross Corporation; Mogam Institute for Biomedical Research
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<b>2018335481</b>	Teague, P.; Stewart, A.	<b>2018341805</b>	Nihon Yamamura Glass Co., Ltd.
<b>2018335497</b>	HMR Solutions, Inc.	<b>2018341950</b>	Waymo LLC
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<b>2018345330</b>	TuSimple	<b>2018350999</b>	Evrys Bio, LLC
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<b>2018349108</b>	Solenis Technologies Cayman, L.P.	<b>2018353819</b>	The Governors of the University of Alberta
<b>2018349179</b>	SINTEF TTO AS	<b>2018353840</b>	BXB Digital Pty Limited
<b>2018349287</b>	Prometheus Biosciences, Inc.	<b>2018353854</b>	Admedus Corporation
<b>2018349376</b>	Ramot At Tel-Aviv University Ltd.	<b>2018353857</b>	Baker Hughes, a GE company, LLC
<b>2018349471</b>	American Sterilizer Company	<b>2018353923</b>	Alibaba Group Holding Limited
<b>2018350047</b>	Nippon Light Metal Company, Ltd.	<b>2018353931</b>	Alibaba Group Holding Limited
<b>2018350048</b>	Nippon Light Metal Company, Ltd.	<b>2018353978</b>	Landis+Gyr Innovations, Inc.
<b>2018350102</b>	Nokia Technologies Oy	<b>2018353984</b>	OncoPep, Inc.
<b>2018350369</b>	TechVault Pty Ltd	<b>2018353994</b>	Lifetime Industries, Inc.
<b>2018350483</b>	NS Materials Inc.	<b>2018354152</b>	KCI Licensing, Inc.
<b>2018350691</b>	Terre Armee Internationale	<b>2018354262</b>	CareFusion 303, Inc.
<b>2018350700</b>	Vigeneron GmbH	<b>2018354264</b>	Cinder Biological, Inc.
<b>2018350754</b>	Jennewein Biotechnology GmbH	<b>2018354266</b>	CareFusion 303, Inc.
		<b>2018354364</b>	Tarveda Therapeutics, Inc.
		<b>2018354748</b>	Genocean
		<b>2018354771</b>	BASF SE
		<b>2018354939</b>	Telefonaktiebolaget LM Ericsson (publ)
		<b>2018354942</b>	ENI S.p.A.
		<b>2018355011</b>	National University of Singapore

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

2018355151	KCI Licensing, Inc.	2018360386	Aurigene Discovery Technologies Limited
2018355167	AVX Corporation	2018360389	Aurigene Discovery Technologies Limited; Curis, Inc
2018355224	Stryker Corporation	2018360482	CO2 Solved, LLC
2018355267	Buffalo Filter LLC	2018360497	Tusker Medical, Inc.
2018355325	Janssen Pharmaceuticals, Inc.; AC Immune S.A.	2018360520	DAIKIN INDUSTRIES, LTD.
2018355343	Sangamo Therapeutics, Inc.	2018360559	Eisai R&D Management Co., Ltd.
2018355472	Jiangsu Hengrui Medicine Co., Ltd.	2018360599	Juno Therapeutics, Inc.
2018355528	Xynomic Pharmaceuticals, Inc.	2018360621	Bra Easy Pty Ltd
2018355557	ThyssenKrupp Carbon Components GmbH	2018360744	Shire-NPS Pharmaceuticals, Inc.
2018355567	Eltronic Wind Solutions A/S	2018360878	Family Zone Cyber Safety Ltd
2018355632	Benning CMS Technology GmbH	2018361151	Huawei Technologies Co., Ltd.
2018355693	Hendrickson United Kingdom Ltd	2018361481	Universidade de Santiago de Compostela
2018355709	Les Laboratoires Servier; Vernalis (R&D) Limited	2018361561	Ludwig Institute for Cancer Research Ltd
2018355721	Chr. Hansen A/S	2018361650	Nicoventures Holdings Limited
2018355864	Park, S.	2018361651	British American Tobacco (Investments) Limited
2018355888	Kenfam Pty Ltd	2018361975	Novartis AG; University Court of The University of Glasgow
2018355894	Lindqvist, R.	2018362046	Jubilant Prodel LLC
2018355970	Equinor Energy AS	2018362047	Hampidjan Hf.
2018356317	Genocean	2018362588	Societe des Produits Nestle S.A.
2018356377	NutriLeads B.V.	2018362602	Ethicon, Inc.
2018356433	Epiontis GmbH	2018363059	Electricity North West Property Limited
2018356473	Epiontis GmbH	2018363679	Tetra Laval Holdings & Finance S.A.
2018356511	Barco N.V.	2018363682	Intervet International B.V.
2018356527	Seaturns	2018363686	Intervet International B.V.
2018356546	Naturex SA	2018363761	Rhodia Operations
2018356556	Esteve Pharmaceuticals, S.A.	2018363808	Sandvik Intellectual Property AB
2018356645	Genocean	2018364355	Purac Biochem B.V.
2018356652	Genocean	2018364433	Oxford University Innovation Limited
2018356694	Sumitomo Electric Industries, Ltd.	2018364530	Engico S.R.L.
2018356759	PS Audio Design Oy	2018364538	True Velocity IP Holdings, LLC
2018356833	Groupe MECALAC	2018364617	Cosmo Technologies Ltd.
2018356871	Nikkoh Metal Industry Co., Ltd.	2018364626	TARIS Biomedical LLC
2018356923	British American Tobacco (Investments) Limited	2018364657	Boston Scientific Scimed, Inc.
2018356939	Nicoventures Holdings Limited	2018364760	University of Pretoria
2018356940	Nicoventures Holdings Limited	2018364763	Stellenbosch University
2018356941	Nicoventures Holdings Limited	2018364764	Stellenbosch University
2018356942	Nicoventures Holdings Limited	2018364982	Welch Allyn, Inc.
2018356943	Nicoventures Holdings Limited	2018365063	Amazon Technologies, Inc.
2018356948	Nicoventures Holdings Limited	2018365080	Jura Bio, Inc.
2018357134	Dainichiseika Color & Chemicals MFG. Co., Ltd.	2018365083	MED-El Elektromedizinische Geraete GmbH
2018357431	Huawei Technologies Co., Ltd.	2018365210	Carl Freudenberg KG
2018357438	Jiangsu Hengrui Medicine Co., Ltd.	2018366003	CJ Cheiljedang Corporation
2018357511	Dainichiseika Color & Chemicals MFG. Co., Ltd.	2018366032	Carefusion Corporation
2018357671	Ningbo Fotile Kitchen Ware Co., Ltd.	2018366035	Carefusion Corporation
2018357713	Zhuhai Qiwei Bio-Technology Ltd.	2018366055	PepsiCo, Inc.
2018357886	Zambon S.p.A.	2018366077	Stamicarbon B.V.
2018357917	Baxalta GmbH; Baxalta Incorporated	2018366144	Graymont Western Canada Inc.
2018357989	Institut Gustave Roussy	2018366170	Delaval Holding AB
2018358016	InteRNA Technologies B.V.	2018366208	Fractal Industries, Inc.
2018358054	Magenta Therapeutics Inc.	2018366226	The Sherwin-Williams Company
2018358067	Juno Therapeutics, Inc.	2018366228	MED-EL Elektromedizinische Geraete GmbH
2018358223	Baxter International Inc.; Baxter Healthcare SA	2018366259	Itron, Inc.
2018358228	EdgeWave, Inc.	2018366278	Boston Scientific Scimed, Inc.
2018358241	Magenta Therapeutics Inc.	2018366416	Huawei Technologies Co., Ltd.
2018358273	Adeka Corporation	2018366562	Huawei Technologies Co., Ltd.
2018358323	Medos International Sàrl	2018366924	Parkwind NV
2018358582	Peleded Co., Ltd.	2018367060	Scothern Enterprises Pty Ltd
2018358663	Acelot, Inc.	2018367230	MaaT Pharma; Biocodex
2018358898	Atium AB	2018367446	Colgate-Palmolive Company
2018358932	Waymo LLC	2018367618	Siemens Healthcare Diagnostics Inc.
2018359005	The University of Sydney	2018367653	Io Therapeutics, Inc.
2018359016	The Brain Protection Company Pty Ltd	2018367670	Codiak BioSciences, Inc.
2018359028	Teck Metals Ltd.	2018367909	Cellix Bio Private Limited
2018359413	University of Miami	2018368724	Qualcomm Incorporated
2018359527	Janssen Biotech, Inc.; Ahmadi, T.; Qi, M.; Sasser, A.; Schecter, J.	2018368871	Huawei Technologies Co., Ltd.
2018359635	Syddansk Universitet	2018369353	S. C. Johnson & Son, Inc.
2018359907	Juno Therapeutics, Inc.; Fred Hutchinson Cancer Research Center	2018369424	The Toro Company
2018359944	The Chinese University of Hong Kong; Grail, Inc.	2018369508	Eli Lilly And Company
2018360214	Jiangsu Shemar Electric Co., Ltd.	2018369693	Hegenscheidt-MFD GmbH
2018360288	Intervet International B.V.	2018369820	Comau S.p.A.
		2018369841	Pfizer Inc.
		2018369853	Cellix Bio Private Limited

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

<b>2018369903</b>	Hollister Incorporated	<b>2019220404</b>	Universite De Liege
<b>2018369906</b>	Applied Medical Resources Corporation	<b>2019257397</b>	Alibaba Group Holding Limited
<b>2018369986</b>	Novartis AG	<b>2019260951</b>	Sone Farm Co., Ltd.
<b>2018370019</b>	Amgen Inc.	<b>2019260952</b>	Sone Farm Co., Ltd.
<b>2018371114</b>	Innate Pharma	<b>2019260953</b>	Sone Farm Co., Ltd.
<b>2018372109</b>	Pfizer Inc.	<b>2019312230</b>	Rifeng Enterprise (Foshan) Co., Ltd.; Rifeng Enterprise Group Co., Ltd.; Rifeng Technology Co., Ltd.
<b>2018372208</b>	Wing Aviation LLC	<b>2019314766</b>	NISKA Retail Robotics Pty Ltd
<b>2018372366</b>	Pellenc	<b>2019326258</b>	Granular Products Assets Pty Ltd
<b>2018372368</b>	PELLENC	<b>2019333944</b>	China University of Mining and Technology
<b>2018372369</b>	Pellenc	<b>2019334235</b>	China University of Mining and Technology
<b>2018372526</b>	Equinor Energy AS	<b>2019355862</b>	Wintermute Biomedical, Inc.
<b>2018372633</b>	Thomson Reuters Enterprise Centre GmbH	<b>2019356038</b>	ASCO Biegetechnik GmbH
<b>2018373436</b>	BASF SE		
<b>2018373491</b>	Roth, B.		
<b>2018373532</b>	BASF SE		
<b>2018373543</b>	BASF SE		
<b>2018374389</b>	Arrakis Therapeutics, Inc.		
<b>2018374402</b>	Rennsteig Werkzeuge GmbH		
<b>2018374403</b>	Rennsteig Werkzeuge GmbH		
<b>2018375340</b>	Regeneron Pharmaceuticals, Inc.		
<b>2018375539</b>	Westinghouse Air Brake Technologies Corporation		
<b>2018375807</b>	The Texas A&M University System		
<b>2018376231</b>	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft; Compugen Ltd.		
<b>2018376898</b>	Alcon Inc.		
<b>2018377063</b>	GroundProbe Pty Ltd		
<b>2018378188</b>	Kacchip, LLC		
<b>2018378696</b>	Medtronic Xomed, Inc.		
<b>2018379413</b>	Goldcorp Inc.		
<b>2018379438</b>	Boehringer Ingelheim International GmbH		
<b>2018379571</b>	IHC Holland IE B.V.		
<b>2018379945</b>	Japan Cash Machine Co., Ltd.		
<b>2018380582</b>	Intervet International B.V.		
<b>2018380758</b>	DSM IP Assets B.V.		
<b>2018382566</b>	HeidelbergCement AG		
<b>2018383679</b>	Amgen Inc.		
<b>2018384620</b>	GOJO Industries, Inc.		
<b>2018385759</b>	FloDesign Sonics, Inc.		
<b>2018386625</b>	Societe des Produits Nestle S.A.		
<b>2018386652</b>	Societe des Produits Nestle S.A.		
<b>2018387158</b>	Societe des Produits Nestle S.A.		
<b>2018387159</b>	Societe des Produits Nestle S.A.		
<b>2018387279</b>	Societe des Produits Nestle S.A.		
<b>2018387291</b>	Societe des Produits Nestle S.A.		
<b>2018387576</b>	Exeger Operations AB		
<b>2018387717</b>	Societe des Produits Nestle S.A.		
<b>2018387722</b>	Societe des Produits Nestle S.A.		
<b>2018387829</b>	argenx BVBA		
<b>2018389080</b>	Alcon Inc.		
<b>2018389637</b>	Inventio AG		
<b>2018389641</b>	Inventio AG		
<b>2018389642</b>	Inventio AG		
<b>2018389791</b>	Alcon Inc.		
<b>2018390760</b>	Haldex Brake Products AB		
<b>2018390790</b>	Societe des Produits Nestle S.A.		
<b>2018390791</b>	Societe des Produits Nestle S.A.		
<b>2018390799</b>	Societe des Produits Nestle S.A.		
<b>2018392643</b>	Societe des Produits Nestle S.A.		
<b>2018392805</b>	Dana-Farber Cancer Institute, Inc.		
<b>2018394143</b>	Societe des Produits Nestle S.A.		
<b>2018395912</b>	Creo Medical Limited		
<b>2018396877</b>	Innovent Biologics (Suzhou) Co., Ltd.		
<b>2018400200</b>	Coe, W.		
<b>2018417417</b>	Cinkate Pharmaceutical Intermediates Co., Ltd.; Cinkate Pharm Tech (Shanghai) Co., Ltd.		
<b>2018419535</b>	Cytec Industries Inc.		
<b>2018427688</b>	Shanghai Townew Intelligent Technology Co., Ltd.		
<b>2018427689</b>	Shanghai Townew Intelligent Technology Co., Ltd.		
<b>2018427834</b>	Shanghai Townew Intelligent Technology Co., Ltd.		
<b>2018428244</b>	Shanghai Townew Intelligent Technology Co., Ltd.		
<b>2019207581</b>	Ocado Innovation Limited		
<b>2019207791</b>	Boston Scientific Scimed, Inc.		

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<b><u>A01B 15 /-</u></b>	2018363686 2018373436 2018373532 2019326258	<b><u>A23D 9 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47B 67 /-</u></b>	2018378696
2018353130		2018335949 2018342934	2018355721 2018356377 2018364355	2018350979	<b><u>A61B 5 /-</u></b>
<b><u>A01B 35 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47B 88 /-</u></b>	2018332792 2018333286 2018347321 2018347610 2018350984 2018351056 2018352526 2018364982 2018367618 2018378696
2018353130	2018347082 2019326258	2018366055	2018338277 2018341302 2018350754 2018356377 2018366003 2018367230 2018386652 2018387279 2018387291 2018394143 2019260951 2019260952 2019260953	2018350979	<b><u>A47C 1 /-</u></b>
<b><u>A01C 5 /-</u></b>	<b><u>A01N 55 /-</u></b>	<b><u>A23G 1 /-</u></b>		2018351424	<b><u>A47G 9 /-</u></b>
2018353130	2018373543	2018342892 2018342934 2018380758		2018345595	
<b><u>A01D 34 /-</u></b>	<b><u>A01N 57 /-</u></b>	<b><u>A23G 3 /-</u></b>			<b><u>A61B 6 /-</u></b>
2018353174 2018369424	2018337974	2018342892 2018342934 2019314766		<b><u>A47J 31 /-</u></b>	2018334800 2018336556
<b><u>A01G 3 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23G 4 /-</u></b>	<b><u>A23L 9 /-</u></b>	2018387158 2018387159 2018387722 2018390790 2018390791	<b><u>A61B 8 /-</u></b>
2018372366 2018372368 2018372369	2018337974 2018360482	2018342892	2018386625	<b><u>A47J 42 /-</u></b>	2018351056
<b><u>A01H 5 /-</u></b>	<b><u>A01N 61 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A23P 10 /-</u></b>	2017438987	<b><u>A61B 9 /-</u></b>
2018337974	2018355343	2018342934 2019314766	2018364355	<b><u>A47J 43 /-</u></b>	<b><u>A61B 90 /-</u></b>
<b><u>A01J 5 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A24B 15 /-</u></b>	2019314766	2017443223
2018366170	2018336162 2019326258	2018380758	2018361650 2018361651	<b><u>A47K 10 /-</u></b>	<b><u>A61C 17 /-</u></b>
<b><u>A01K 13 /-</u></b>	<b><u>A01P 15 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A24C 5 /-</u></b>	2017439508 2018384620	2018367446
2018345595	2018335796	2018386652	2017438987 2018373491	<b><u>A47L 13 /-</u></b>	<b><u>A61F 13 /-</u></b>
<b><u>A01K 61 /-</u></b>	<b><u>A01P 21 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A24D 3 /-</u></b>	2018365210	2018352330 2018355151 2018369903
2018342893 2018354748 2018356317 2018356645 2018356652	2018347082	2019260951 2019260952 2019260953	2018356923	<b><u>A61B 1 /-</u></b>	<b><u>A61F 2 /-</u></b>
<b><u>A01K 67 /-</u></b>	<b><u>A23B 4 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A24F 47 /-</u></b>	2018378696	2018332792 2018337712 2018346398 2018351340 2018351351 2018352842 2018353854 2018359016 2019207791
2018341437 2018353819	2018364355	2019260951 2019260952 2019260953	2018356939 2018356940 2018356941 2018356942 2018356943 2018356948	<b><u>A61B 17 /-</u></b>	
<b><u>A01N 25 /-</u></b>	<b><u>A23B 7 /-</u></b>	<b><u>A23K 50 /-</u></b>		2017442655 2018336556 2018346398 2018347969 2018353126 2018358323 2019207791	<b><u>A61F 5 /-</u></b>
2018337974 2018359005 2018363761 2019326258	2018346983 2018366003	2018380758	<b><u>A41C 3 /-</u></b>		2018346501
<b><u>A01N 37 /-</u></b>	<b><u>A23C 11 /-</u></b>	<b><u>A23L 13 /-</u></b>	2018360621	<b><u>A61B 18 /-</u></b>	<b><u>A61F 9 /-</u></b>
2018335796 2018335869 2018347082 2018359005 2018363761 2019326258	2018386625	2018364355	<b><u>A41D 13 /-</u></b>	2018366278 2018395912	2018353126
<b><u>A01N 41 /-</u></b>	<b><u>A23C 19 /-</u></b>	<b><u>A23L 2 /-</u></b>	2018353119	<b><u>A61B 3 /-</u></b>	<b><u>A61G 7 /-</u></b>
2018335796 2018335869 2018347082 2018359005 2018363761 2019326258	2018355721	2018342892 2018356377 2018364355 2018366055 2018394143 2019260951 2019260953	<b><u>A42B 3 /-</u></b>	2018353126 2018376898 2018389080 2018389791	2018355894
<b><u>A01N 43 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A46B 15 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61H 3 /-</u></b>
2018335796	2018355721 2018386652 2018394143	2018364355	2018367446	2017442686 2017443223 2018336556	2018367060
2018335796 2018363682	<b><u>A23D 7 /-</u></b>	2018355721	<b><u>A46B 9 /-</u></b>		
	2018342934 2018356546		2018367446		

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<b><u>A61H 33/-</u></b>	2018369508	2018351006	2018348929	<b><u>A61M 39/-</u></b>	<b><u>A61P 27/-</u></b>
2018345716	2018369841	2018351050	2018352330	2018366035	2018339096
	2018369853	2018352984	2018352766		2018351520
<b><u>A61J 1/-</u></b>	2018372109	2018353984	2018353360	<b><u>A61M 5/-</u></b>	<b><u>A61P 29/-</u></b>
2017436670	2018376231	2018355325	2018357438	2018350899	2018333287
	2018379438	2018356377	2018357886	2018352137	2018338855
<b><u>A61J 3/-</u></b>	2018387279	2018358067	2018358223	2018352202	2018356556
2017436670	2018387291	2018359527	2018360497	2018352205	
	2018387717	2018359635	2018361481	2018354266	
<b><u>A61K 127/-</u></b>	2018390799	2018360288	2018363682	2018358223	<b><u>A61P 3/-</u></b>
2019260952	2018417417	2018361481	2018364617	2018366032	2018336016
	2019220404	2018365080	2018367230	<b><u>A61N 1/-</u></b>	2018338277
<b><u>A61K 31/-</u></b>	2019260951	2018367670	2018367909	2018360497	2018348929
2017444369	2019260952	2018369986	2018369841	2018365083	2018352766
2018333287	2019260953	2018374389	2018370019	2018366228	2018372109
2018335410	2019355862	2018375340			2019260952
2018335617	<b><u>A61K 33/-</u></b>	2018376231	<b><u>A61L 2/-</u></b>	<b><u>A61N 5/-</u></b>	<b><u>A61P 31/-</u></b>
2018336016	2018336016	2018380582	2018349471	2018366278	2018345317
2018336806	2018348796	2018396877		<b><u>A61P 1/-</u></b>	2018348796
2018337761	<b><u>A61K 35/-</u></b>		<b><u>A61L 24/-</u></b>	2017444369	2018350825
2018338098	2018335290	2018338901	2018369903	2018347514	2018350999
2018338855	2018338647	2018341235		2018367230	2018360288
2018339068	2018345751	2018353984	<b><u>A61L 26/-</u></b>	2018372109	2018360386
2018339096	2018347582	2018360389	2018362602	2019260952	2018396877
2018341235	2018352330	2018360559	2018369903	<b><u>A61P 11/-</u></b>	2019220404
2018345221	2018352842	2018369841		2018353360	2019355862
2018345317	2018357989	2019355862	<b><u>A61L 27/-</u></b>	<b><u>A61P 13/-</u></b>	<b><u>A61P 33/-</u></b>
2018346370	2018358054		2018340731	2018347514	2018363682
2018347296	2018367230	2018336569	2018352842	2018352766	2018363686
2018347516	2019260951	2018347796	2018358273		<b><u>A61P 35/-</u></b>
2018347582	2019260952	2018347991		<b><u>A61P 15/-</u></b>	2018335617
2018347991	2019260953	2018350825	<b><u>A61L 31/-</u></b>	2018337761	2018337142
2018348796	<b><u>A61K 36/-</u></b>	2018352766	2018346501	2018369986	2018338098
2018349376	2018333287	2018353360		2019260953	2018338612
2018350825	2018350999	2018354364	<b><u>A61L 9/-</u></b>		2018338901
2018350999	2018341302	2018357438	2018347532	<b><u>A61P 17/-</u></b>	2018347296
2018351050	2018356377	2018358223		2018369986	2018347516
2018351053	2018362588	2018370019	<b><u>A61M 1/-</u></b>	2019260953	2018347521
2018351131	2018367653	2018390799			2018347796
2018351520	2019260952		2018332326	<b><u>A61P 19/-</u></b>	2018350825
2018351709	<b><u>A61K 38/-</u></b>	2018350700	2018354152	2018345221	2018351006
2018352766	2018335869	2018351491	2018355151	2018361975	2018351050
2018353142	2018338277	2018355343	2018355224		2018351520
2018353360	2018338612	2018375807	2018355267	<b><u>A61P 21/-</u></b>	2018352984
2018354364	2018338967	<b><u>A61K 51/-</u></b>	<b><u>A61M 11/-</u></b>	2018336569	2018353984
2018355343	2018347514	2018374389	2018358223	2018338855	2018355528
2018355472	2018347582	<b><u>A61K 6/-</u></b>		2018387717	2018355709
2018355528	2018348929	2018340731	<b><u>A61M 25/-</u></b>	2018390799	2018357438
2018355709	2018351873	<b><u>A61K 8/-</u></b>	2018364626		2018357989
2018356377	2018355343	2018341302	<b><u>A61M 27/-</u></b>	<b><u>A61P 23/-</u></b>	2018358054
2018356556	2018358223	2018346065		2018345919	2018359527
2018357438	2018360744	2018352330	<b><u>A61M 31/-</u></b>		2018359907
2018357886	2018365080	2018357134		<b><u>A61P 25/-</u></b>	2018360386
2018357989	2018367670	2018367653	<b><u>A61M 35/-</u></b>	2018338855	2018360389
2018358016	2018387717	2019260951	2018358223	2018345919	2018360559
2018358067	2018390799	2019260953		2018369841	2018362046
2018358582	<b><u>A61K 39/-</u></b>	2018346370	<b><u>A61M 37/-</u></b>	2018379438	2018369508
2018358663	2018304283	2018347514			2018370019
2018359413	2018337142				2018376231
2018359527	2018338205	<b><u>A61K 9/-</u></b>			2018396877
2018359907	2018338901	2018346370			2018417417
2018360386	2018345312	2018347514			
2018360389	2018347521				
2018361481	2018347582				
2018363682					
2018363686					
2018364617					
2018367909					

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<b>A61P 37 /-</b>	2018347532	<b>B07B 13 /-</b>	<b>B25D 1 /-</b>	2018419535	<b>B61H 9 /-</b>
2018347521	<b>B01F 15 /-</b>	2018363808	2017435349	<b>B32B 27 /-</b>	2018375539
2018350825	2018363679	<b>B09B 3 /-</b>	<b>B25D 11 /-</b>	2018341792	<b>B62D 35 /-</b>
2018353360	<b>B01F 17 /-</b>	2018335497	2017435349	2018341793	2017436653
2018369986	2018369353	2018350369	<b>B25F 1 /-</b>	<b>B41F 13 /-</b>	<b>B62D 37 /-</b>
2018376231	<b>B01F 7 /-</b>	<b>B09C 1 /-</b>	2017435349	2018364530	2017436653
2018417417	2018363679	2018335497	<b>B25F 5 /-</b>	<b>B41F 19 /-</b>	<b>B62D 63 /-</b>
2019260951	<b>B01J 2 /-</b>	<b>B21C 47 /-</b>	2017441860	2018364530	2018353994
2019260953	2018364355	2019356038	2018372366	<b>B41F 33 /-</b>	<b>B63B 17 /-</b>
<b>A61P 43 /-</b>	<b>B01J 20 /-</b>	<b>B21D 39 /-</b>	2018372369	2018364530	2018345550
2018338855	2018350369	2018355693	<b>B25J 13 /-</b>	<b>B41F 5 /-</b>	<b>B63B 22 /-</b>
2018345221	<b>B01J 23 /-</b>	2018356871	2017443223	2018364530	2018356527
2018347521	2018353483	2018309046	2017442655	<b>B42D 25 /-</b>	<b>B64C 39 /-</b>
2018349376	<b>B01J 3 /-</b>	<b>B21K 25 /-</b>	2018344427	2018344427	2018372208
2018367230	<b>B01J 35 /-</b>	<b>B22C 9 /-</b>	<b>B60B 27 /-</b>	<b>B60B 27 /-</b>	<b>B64D 11 /-</b>
<b>A61P 7 /-</b>	2018353483	2018341805	2018353130	2018353130	2017432235
2018355472	<b>B01J 37 /-</b>	2018347718	<b>B26D 7 /-</b>	<b>B60B 5 /-</b>	<b>B65B 1 /-</b>
<b>A61Q 1 /-</b>	2018366077	2018350691	2018372366	2018355557	2018346983
2019260951	<b>B01J 8 /-</b>	2018341805	2018372368	<b>B60G 21 /-</b>	<b>B65B 3 /-</b>
<b>A61Q 17 /-</b>	2018353483	<b>B22D 17 /-</b>	2018372368	2018355693	2018346983
2018352330	<b>B01J 3 /-</b>	<b>B22D 19 /-</b>	2018372369	<b>B60J 10 /-</b>	<b>B65B 5 /-</b>
<b>A61Q 19 /-</b>	2018353483	2018347718	<b>B26B 15 /-</b>	2018353994	2017436670
2018341302	<b>B01L 3 /-</b>	2018347718	<b>B28B 7 /-</b>	2018344427	<b>B65B 67 /-</b>
2018357134	2018355011	<b>B23B 5 /-</b>	2018350691	<b>B60L 53 /-</b>	<b>B65B 67 /-</b>
2019260953	<b>B02C 21 /-</b>	2018369693	<b>B28C 5 /-</b>	2018347789	2017436670
<b>A61Q 5 /-</b>	2018379413	<b>B23K 101 /-</b>	2018350369	2018355224	2017436670
2018346065	<b>B02C 23 /-</b>	2018347718	<b>B28C 7 /-</b>	<b>B60M 5 /-</b>	<b>B65D 1 /-</b>
<b>A62B 18 /-</b>	2018379413	<b>B23K 23 /-</b>	2018350369	2018344571	2018346983
2018341024	2018379413	2018347718	<b>B29C 33 /-</b>	<b>B60P 1 /-</b>	<b>B65D 17 /-</b>
<b>A63F 3 /-</b>	<b>B03B 7 /-</b>	2018347718	2018345731	2018369820	2017439508
2018338646	2018336718	<b>B23K 9 /-</b>	<b>B29C 35 /-</b>	2018352982	<b>B65D 43 /-</b>
<b>B01D 15 /-</b>	2018336718	2018338720	2018352982	<b>B29C 39 /-</b>	2018345333
2018338205	<b>B03B 9 /-</b>	2018338720	2018352982	2018353994	2018345333
2018383679	2018336718	<b>B23P 11 /-</b>	<b>B29C 41 /-</b>	<b>B60R 13 /-</b>	<b>B65D 47 /-</b>
<b>B01D 19 /-</b>	2018344171	2018355693	2018345731	2018353994	2018345333
2018348581	<b>B03D 1 /-</b>	<b>B25B 25 /-</b>	<b>B29C 43 /-</b>	<b>B60T 8 /-</b>	<b>B65D 5 /-</b>
<b>B01D 21 /-</b>	2018344171	2017441860	2018345731	2018390760	2017439508
2018366144	<b>B04C 9 /-</b>	<b>B25B 27 /-</b>	<b>B29C 59 /-</b>	<b>B61D 31 /-</b>	<b>B65D 85 /-</b>
<b>B01D 25 /-</b>	2018379413	2018374403	2018351321	2017432235	2018392643
2018351614	<b>B07B 1 /-</b>	2018374403	<b>B29C 70 /-</b>	2019314766	2019314766
2018351614	2018363808	<b>B25B 5 /-</b>	2018352982	<b>B61H 13 /-</b>	<b>B65F 1 /-</b>
<b>B01D 5 /-</b>	2018379413	2018374403	2018352982	2018375539	2018427688
2018366077	2018338626	2018338626			

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2018427689	<b>B82Y 40 /-</b>	<b>C07C 233 /-</b>	<b>C07D 401 /-</b>	<b>C07H 1 /-</b>	<b>C08F 20 /-</b>
2018427834					
2018428244					
<b>B65G 1 /-</b>	<b>C01D 3 /-</b>	<b>C07C 237 /-</b>			
2017436670					
<b>B65G 15 /-</b>	<b>C01G 3 /-</b>	<b>C07C 273 /-</b>			
2018348785					
<b>B65G 17 /-</b>	<b>C02F 1 /-</b>	<b>C07C 319 /-</b>			
2018348785					
<b>B65G 47 /-</b>					
2018348785					
<b>B65G 65 /-</b>	<b>C02F 101 /-</b>	<b>C07C 9 /-</b>			
2018348785					
<b>B65G 67 /-</b>	<b>C02F 11 /-</b>	<b>C07D 207 /-</b>			
2018348785					
<b>B65G 7 /-</b>	<b>C03B 40 /-</b>	<b>C07D 209 /-</b>			
2018309046					
<b>B65G 9 /-</b>	<b>C03B 9 /-</b>	<b>C07D 213 /-</b>			
2018355894					
<b>B65H 29 /-</b>	<b>C04B 11 /-</b>				
2018379945					
<b>B65H 31 /-</b>	<b>C04B 14 /-</b>	<b>C07D 217 /-</b>			
2018379945					
<b>B65H 49 /-</b>	<b>C04B 18 /-</b>	<b>C07D 223 /-</b>			
2018309046					
<b>B66B 1 /-</b>	<b>C04B 28 /-</b>	<b>C07D 237 /-</b>			
2018389637					
<b>B66D 1 /-</b>	<b>C04B 7 /-</b>	<b>C07D 239 /-</b>			
2018355894					
<b>B66D 3 /-</b>	<b>C05D 9 /-</b>				
2018355894					
<b>B66D 5 /-</b>	<b>C05G 3 /-</b>				
2018355894					
<b>B66F 15 /-</b>	<b>C07C 1 /-</b>				
2017435349					
<b>B81B 1 /-</b>	<b>C07C 211 /-</b>				
2018340884					
<b>B82Y 30 /-</b>	<b>C07C 215 /-</b>				
2018340885					

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

<b><u>C08L 7 /-</u></b>		<b><u>C12P 19 /-</u></b>	<b><u>D21H 21 /-</u></b>	<b><u>E21B 10 /-</u></b>	<b><u>F03B 13 /-</u></b>
2018400200	<b><u>C11D 1 /-</u></b>	2018347405	2018349108	2018345769	2017439325
	2018357917	2018350754			2018356527
<b><u>C08L 71 /-</u></b>			<b><u>E01B 2 /-</u></b>	<b><u>E21B 12 /-</u></b>	
2018419535	<b><u>C12M 1 /-</u></b>	<b><u>C12P 21 /-</u></b>	2018344571	2018344772	<b><u>F03B 17 /-</u></b>
	2018342583	2018396877			2017439325
<b><u>C08L 77 /-</u></b>	2018349471		<b><u>E01B 26 /-</u></b>	<b><u>E21B 17 /-</u></b>	
2017433464	2018383679	<b><u>C12P 7 /-</u></b>	2018344571	2018355970	<b><u>F03D 13 /-</u></b>
		2018355721			2018355567
<b><u>C08L 81 /-</u></b>	<b><u>C12M 3 /-</u></b>		<b><u>E02B 17 /-</u></b>	<b><u>E21B 21 /-</u></b>	2018366924
2018419535	2018355011	<b><u>C12Q 1 /-</u></b>	2018366924	2018336718	<b><u>F04B 17 /-</u></b>
		2018335290	2018379571	2018348581	
<b><u>C08L 9 /-</u></b>	<b><u>C12N 1 /-</u></b>	2018335362			2018348111
2017433464	2017434920	2018344761	<b><u>E02D 27 /-</u></b>	<b><u>E21B 29 /-</u></b>	<b><u>F04B 47 /-</u></b>
2018400200	2018336162	2018351147	2018379571	2018353857	
	2018341264	2018351471			2018348111
<b><u>C08L 95 /-</u></b>	2018355721	2018353819	<b><u>E02D 29 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F04D 29 /-</u></b>
2018400200		2018356433	2018350691	2018340591	
	<b><u>C12N 13 /-</u></b>	2018356473		2018353857	2017438454
	2018342583	2018357713		2018355970	
<b><u>C09B 67 /-</u></b>		2018357989	<b><u>E02F 3 /-</u></b>	2018372526	<b><u>F15B 13 /-</u></b>
2018357511	<b><u>C12N 15 /-</u></b>	2018358016	2018356833		
	2017434920	2018359944		<b><u>E21B 34 /-</u></b>	2018340591
<b><u>C09D 11 /-</u></b>	2018335410	<b><u>C12R 1 /-</u></b>	<b><u>E03B 7 /-</u></b>		<b><u>F16B 17 /-</u></b>
2018354942	2018336806	2018355721	2018366259	2018340591	
	2018338855			2018345184	2018355693
<b><u>C09D 133 /-</u></b>	2018338967	<b><u>C22B 15 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F16B 31 /-</u></b>
2018366226	2018341437	2018359028	2018341793	2018351798	
	2018342583			2018372526	2018353120
<b><u>C09D 17 /-</u></b>	2018345400	<b><u>C22B 3 /-</u></b>	<b><u>E04G 15 /-</u></b>		<b><u>F16B 39 /-</u></b>
2018357511	2018345919	2018359028	2018350691	<b><u>E21B 43 /-</u></b>	
	2018350700			2018340591	2018356871
<b><u>C09D 175 /-</u></b>	2018350754	<b><u>C22B 5 /-</u></b>	<b><u>E04G 21 /-</u></b>	2018348111	<b><u>F16C 11 /-</u></b>
2018366226	2018351491	2018340884	2018334897	2018348581	
	2018358016	2018340885	2018348785	2018351798	2018356871
<b><u>C09G 1 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>C22B 7 /-</u></b>	<b><u>E04H 15 /-</u></b>	<b><u>E21B 44 /-</u></b>	<b><u>F16D 1 /-</u></b>
2018369353	2018345400	2018359028	2018345550	2018344772	
	2018345751				2018355693
<b><u>C09K 11 /-</u></b>	2018358054	<b><u>D06F 37 /-</u></b>	<b><u>E05B 17 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16H 55 /-</u></b>
2018336640	2018358241	2018335923	2018363679	2018335481	
	2018360599			2018338337	2018335169
<b><u>C09K 8 /-</u></b>	2018361561	<b><u>D06N 7 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>E21B 7 /-</u></b>	<b><u>F16J 15 /-</u></b>
2017443974	2018364433	2018341792	2018350979	2018336718	
	2018365080			2018354771	2018353994
<b><u>C10G 1 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>D06P 1 /-</u></b>	<b><u>E05B 65 /-</u></b>	<b><u>E21C 41 /-</u></b>	<b><u>F16K 1 /-</u></b>
2018366144	2018350700	2018357511	2018350979		
	2018357917			2018377063	2018339632
<b><u>C10J 3 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D07B 1 /-</u></b>	<b><u>E05C 3 /-</u></b>	2019333944	2018345184
2018341803	2018338855	2018362047	2018363679		2018346467
	2018338967			<b><u>E21F 15 /-</u></b>	<b><u>F16K 15 /-</u></b>
<b><u>C11B 1 /-</u></b>	2018341437	<b><u>D07B 5 /-</u></b>	<b><u>E05D 3 /-</u></b>	2019333944	
2018335949	2018345919	2018362047	2018356871	2019334235	2018366035
	2018346527		2018356940		<b><u>F16K 27 /-</u></b>
<b><u>C11B 3 /-</u></b>	2018350754	<b><u>D21H 17 /-</u></b>	<b><u>E05D 5 /-</u></b>	<b><u>F02N 15 /-</u></b>	2018339632
2018335949	2018354264	2018349108	2018356871	2018335169	
					<b><u>F16K 31 /-</u></b>
<b><u>C11B 5 /-</u></b>	<b><u>C12P 13 /-</u></b>				
2018356546	2018354771				2018346467



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<b>F16K 35 /-</b>	<b>F24C 15 /-</b>	<b>G01M 3 /-</b>	<b>G01S 5 /-</b>	2018358932	2018366208
2018346467	2018355888	2018366259	2018352466	2018369424	<b>G06Q 20 /-</b>
<b>F16L 1 /-</b>	2018357671	<b>G01N 1 /-</b>		2019207581	2018336919
2018309046	<b>F24F 1 /-</b>	2018335290	<b>G01S 7 /-</b>	<b>G05D 16 /-</b>	2018337840
2018348581	2018334927	<b>G01N 11 /-</b>	2018334318	2018346983	<b>G06Q 30 /-</b>
2018351798	2018336178	2018346983	<b>G01V 1 /-</b>	<b>G05D 23 /-</b>	2018334318
<b>F16L 21 /-</b>	2018337541	<b>G01N 27 /-</b>	2018335481	2018346983	2018336847
2019312230	2018337544	2018344386	2018338337	<b>G05D 3 /-</b>	2018338645
<b>F16L 23 /-</b>	2018337546	2018367618	<b>G01V 11 /-</b>	2018356694	<b>G06Q 40 /-</b>
2018339632	<b>F24F 11 /-</b>	2018367618	2018335481	<b>G06F 11 /-</b>	2018366208
<b>F16L 3 /-</b>	2018336178	<b>G01N 3 /-</b>	2018338337	2017438670	2018372633
2018348581	<b>F24F 13 /-</b>	2018351056	<b>G01V 5 /-</b>	2018358228	<b>G06Q 50 /-</b>
<b>F16L 49 /-</b>	2018334927	<b>G01N 33 /-</b>	2018335481	<b>G06F 16 /-</b>	2018336847
2018339632	2018337541	2018304283	2018338337	2018345147	2018348549
<b>F16L 5 /-</b>	2018337544	2018332326	2018353564	2018347838	<b>G06T 17 /-</b>
2018348581	2018337546	2018335290	<b>G01V 8 /-</b>	2019257397	2018377063
<b>F16L 55 /-</b>	<b>F25B 1 /-</b>	2018341689	2018377063	<b>G06F 21 /-</b>	<b>G06T 5 /-</b>
2018366032	2017438484	2018344761	<b>G02B 1 /-</b>	2018336919	2018377063
<b>F16P 3 /-</b>	<b>F42B 33 /-</b>	2018349287	2018351321	2018348549	<b>G06T 7 /-</b>
2018372366	2018364538	2018351147	2018352982	2018353931	2018336847
2018372368	<b>F42B 5 /-</b>	2018354264	<b>G02B 19 /-</b>	2018360878	2018341950
2018372369	2018364764	2018357989	2018364657	<b>G06F 3 /-</b>	2018351525
<b>F17C 13 /-</b>	2018364777	2018364763	<b>G02B 26 /-</b>	2017435839	2018352526
2018346467	<b>F42C 19 /-</b>	2018396877	2018349179	2018338105	2018376898
<b>F21S 8 /-</b>	2018364538	<b>G01R 1 /-</b>	<b>G02B 27 /-</b>	2018345716	2018377063
2018336745	<b>G01B 11 /-</b>	2018353511	2018366278	2018348713	<b>G07C 9 /-</b>
<b>F21V 17 /-</b>	2018349179	<b>G01R 11 /-</b>	2018353008	2018378188	2018348549
2018336745	<b>G01B 9 /-</b>	2018353511	2018364657	<b>G06F 30 /-</b>	2018389641
<b>F21V 21 /-</b>	2018349179	<b>G01R 15 /-</b>	<b>G02B 5 /-</b>	2017438670	2018389642
2018336745	<b>G01D 4 /-</b>	2018360520	2018351321	2019334235	<b>G07D 9 /-</b>
<b>F21V 23 /-</b>	2018353978	<b>G01R 19 /-</b>	2018357511	<b>G06F 40 /-</b>	2018379945
2018336745	<b>G01D 5 /-</b>	2018360520	<b>G02B 6 /-</b>	2017435621	<b>G07F 11 /-</b>
<b>F21V 25 /-</b>	2018349179	<b>G01R 22 /-</b>	2018366278	<b>G06F 9 /-</b>	2018350979
2018336745	<b>G01F 17 /-</b>	2018353511	<b>G02F 1 /-</b>	2018365063	2018390790
<b>F21V 33 /-</b>	2018351056	<b>G01R 33 /-</b>	2018356511	<b>G06K 9 /-</b>	<b>G07F 17 /-</b>
2018336745	<b>G01J 1 /-</b>	2018349179	<b>G03F 7 /-</b>	2017436901	2018338646
<b>F21Y 103 /-</b>	2018336640	<b>G01S 1 /-</b>	2018336847	2018334318	<b>G07F 9 /-</b>
2018336745	2018341551	2018352466	2018337982	2018341950	2018350979
<b>F21Y 115 /-</b>	<b>G01J 3 /-</b>	2018377063	2018348549	2018351525	<b>G08B 25 /-</b>
2018336745	2018336640	<b>G01S 15 /-</b>	2018352526	2018353840	2017436901
<b>F21Y 103 /-</b>	2018336640	2018342686	<b>G05B 19 /-</b>	<b>G06N 99 /-</b>	<b>G08B 5 /-</b>
2018336745	<b>G01M 17 /-</b>	<b>G01S 19 /-</b>	2017442686	2017437537	2018352466
<b>F21Y 115 /-</b>	2018351880	2017436819	<b>G05B 23 /-</b>	<b>G06Q 10 /-</b>	<b>G08C 23 /-</b>
2018336745	<b>G01S 3 /-</b>	2018351525	2018345716	2017436670	2018357671
2018336745			<b>G05D 1 /-</b>	2018336847	
			2018345330		
			2018355224		

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<b><u>G09B 23 /-</u></b>	<b><u>H01L 31 /-</u></b>	2018369820	<b><u>H04N 21 /-</u></b>	<b><u>H04W 72 /-</u></b>
2018369906	2018341551	<b><u>H02S 50 /-</u></b>	2018348713	2017432726
<b><u>G09C 5 /-</u></b>	<b><u>H01L 33 /-</u></b>	2018356694	2018348762	2017433763
2018348549	2018336640	<b><u>H03K 17 /-</u></b>	2018352483	2017433843
<b><u>G11B 27 /-</u></b>	<b><u>H01L 51 /-</u></b>	2018372366	<b><u>H04N 5 /-</u></b>	2018361151
2018351525	2018350483	2018372368	2018351525	2018368724
<b><u>G16B 20 /-</u></b>	<b><u>H01M 10 /-</u></b>	2018372369	2018352483	2018368871
2018350975	2018346985	<b><u>H03M 1 /-</u></b>	<b><u>H04N 7 /-</u></b>	<b><u>H04W 74 /-</u></b>
<b><u>G16H 10 /-</u></b>	2018348066	2018355864	2017436901	2018366416
2018364760	2018355632	<b><u>H04B 3 /-</u></b>	<b><u>H04Q 1 /-</u></b>	<b><u>H04W 76 /-</u></b>
<b><u>G16H 20 /-</u></b>	<b><u>H01M 2 /-</u></b>	2018335150	2017440824	2018350102
2018351635	2018346985	<b><u>H04B 7 /-</u></b>	<b><u>H04R 1 /-</u></b>	<b><u>H04W 8 /-</u></b>
2018354262	2018348066	2018368724	2018353008	2017432714
<b><u>G16H 40 /-</u></b>	<b><u>H01Q 1 /-</u></b>	2018368871	2018385759	2017437650
2017439486	2017440824	<b><u>H04H 60 /-</u></b>	<b><u>H04R 11 /-</u></b>	<b><u>H04W 88 /-</u></b>
2017439488	<b><u>H01R 43 /-</u></b>	2018352483	2018356759	2017439969
2018354262	2018374403	<b><u>H04J 3 /-</u></b>	<b><u>H04R 13 /-</u></b>	<b><u>H05B 33 /-</u></b>
2018364760	<b><u>H01S 3 /-</u></b>	2017435222	2018356759	2018336640
<b><u>G16H 50 /-</u></b>	2018364657	<b><u>H04L 12 /-</u></b>	<b><u>H04R 17 /-</u></b>	2018350483
2018347610	<b><u>H02G 1 /-</u></b>	2018345429	2018385759	<b><u>H05K 3 /-</u></b>
2018351635	2018374402	2018354939	<b><u>H04R 3 /-</u></b>	2018355167
2018364760	<b><u>H02G 3 /-</u></b>	2018360878	2018385759	2018360520
<b><u>G21F 1 /-</u></b>	2018344571	2018378188	<b><u>H04R 9 /-</u></b>	
2018350047	<b><u>H02G 7 /-</u></b>	<b><u>H04L 29 /-</u></b>	2018356759	
2018350048	2018360214	2017431900	<b><u>H04W 12 /-</u></b>	
<b><u>G21F 3 /-</u></b>	<b><u>H02G 9 /-</u></b>	2018348549	2018357431	
2018350047	2018344571	2018350102	<b><u>H04W 24 /-</u></b>	
2018350048	<b><u>H02H 3 /-</u></b>	2018360878	2017436303	
<b><u>G21F 9 /-</u></b>	2018363059	<b><u>H04L 5 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2018350369	<b><u>H02J 1 /-</u></b>	<b><u>H04L 7 /-</u></b>	2017439969	
<b><u>H01B 5 /-</u></b>	2018335150	<b><u>H04L 9 /-</u></b>	2018340981	
2018328766	<b><u>H02J 13 /-</u></b>	2018336919	<b><u>H04W 36 /-</u></b>	
<b><u>H01G 11 /-</u></b>	2018356694	2018348549	2018366562	
2018354942	2018363059	2018353923	<b><u>H04W 4 /-</u></b>	
<b><u>H01G 2 /-</u></b>	<b><u>H02J 3 /-</u></b>	2017440824	2018355864	
2018355167	2018356694	2018350926	2018378188	
<b><u>H01G 4 /-</u></b>	2018363059	<b><u>H04M 1 /-</u></b>	<b><u>H04W 52 /-</u></b>	
2018355167	<b><u>H02J 7 /-</u></b>	<b><u>H04M 3 /-</u></b>	2017436329	
<b><u>H01G 9 /-</u></b>	2018355632	2018334203	2018339746	
2018387576	<b><u>H02S 20 /-</u></b>	2018350926	2018341773	
<b><u>H01L 27 /-</u></b>	2018348713	<b><u>H04N 19 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2018341551	2018356694	2018348713	2017435222	

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**G06N 5/02** ( 2006.01 )  
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**A61P 11/02** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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**G06T 19/00** ( 2011.01 )  
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A61K 9/00 ( 2006.01 )  
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**(21)** 2016263013 **(22)** 11.05.2016  
**(54)** Surgical access device  
**(51)** Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**(87)** WO2016/186905  
**(31)** 62/161,930 **(32)** 15.05.15 **(33)** US  
**(43)** 24.11.2016  
**(44)** 07.05.2020  
**(72)** Okoniewski, Gregory; Calavan, Brandon; Evans, Christopher Kelly; Breindel, Jay; Chalil, Nizamudheen Kalakkudi  
**(74)** Spruson & Ferguson

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**(71)** Covidien LP  
**(11)** AU-B-2019200639  
**(21)** 2019200639 **(22)** 31.01.2019  
**(54)** Methods and devices for venous occlusion for the treatment of venous insufficiency  
**(51)** Int. Cl.  
**A61B 17/08** ( 2006.01 )  
**(43)** 21.02.2019  
**(44)** 07.05.2020  
**(62)** 2016253582  
**(72)** RAABE, Rodney; CRAWFORD, Don; CHU, Jack; ZUO, Zhenyu; LAU, Jan; ZHANG, Xiucai  
**(74)** Spruson & Ferguson

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**(71)** Covidien LP  
**(11)** AU-B-2019203160  
**(21)** 2019203160 **(22)** 06.05.2019  
**(54)** Adapter assembly for interconnecting electromechanical surgical devices and surgical loading units, and surgical systems thereof  
**(51)** Int. Cl.  
**A61B 18/10** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/29** ( 2006.01 )

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**(44)** 07.05.2020  
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**(72)** ZERGIEBEL, Earl; CHOWANIEC, David; WILLIAMS, Ryan; SUBRAMANIAN, Anand; RICHARD, Paul  
**(74)** Spruson & Ferguson

**(71)** Crown Equipment Corporation  
**(11)** AU-B-2015305672  
**(21)** 2015305672 **(22)** 18.08.2015  
**(54)** De-centralized operational indicator system for a materials handling vehicle  
**(51)** Int. Cl.  
**B66F 17/00** ( 2006.01 )  
**(87)** WO2016/028758  
**(31)** 62/039,138 **(32)** 19.08.14 **(33)** US  
**(43)** 25.02.2016  
**(44)** 07.05.2020  
**(72)** Swift, Philip W.  
**(74)** Griffith Hack

**(71)** Crown Equipment Corporation  
**(11)** AU-B-2016258120  
**(21)** 2016258120 **(22)** 06.05.2016  
**(54)** Diagnostic tag for an industrial vehicle tag reader  
**(51)** Int. Cl.  
**G06K 7/00** ( 2006.01 )  
**B66F 9/06** ( 2006.01 )  
**G06K 17/00** ( 2006.01 )  
**(87)** WO2016/179526  
**(31)** 62/157,865 **(32)** 06.05.15 **(33)** US  
 62/157,863 06.05.15 US  
**(43)** 10.11.2016  
**(44)** 07.05.2020  
**(72)** Steinbrunner, Cole; Mallak, Thomas L.; Meiring, Donald T.; Walton, Daniel D.; Sherman, Nicholas J.; Grannan, James Michael  
**(74)** Griffith Hack

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**(21)** 2018228299

**(71)** Daiichi Sankyo Company, Limited; The University of Tokyo  
**(11)** AU-B-2016299614  
**(21)** 2016299614 **(22)** 29.07.2016  
**(54)** Agent for treating and/or preventing adult T cell leukemia/lymphoma  
**(51)** Int. Cl.  
**C07D 405/12** ( 2006.01 )  
**A61K 31/443** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**(87)** WO2017/018499  
**(31)** 2015-151170 **(32)** 30.07.15 **(33)** JP  
**(43)** 02.02.2017  
**(44)** 07.05.2020  
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**(74)** Davies Collision Cave Pty Ltd

**(71)** Daikin Industries, Ltd.  
**(11)** AU-B-2017337434  
**(21)** 2017337434 **(22)** 27.09.2017  
**(54)** Control device for direct power converter  
**(51)** Int. Cl.  
**H02M 7/48** ( 2007.01 )  
**H02M 5/458** ( 2006.01 )  
**H02M 7/12** ( 2006.01 )  
**(87)** WO2018/062261  
**(31)** 2016-192704 **(32)** 30.09.16 **(33)** JP  
**(43)** 05.04.2018  
**(44)** 07.05.2020  
**(72)** Sakakibara, Kenichi  
**(74)** Spruson & Ferguson

**(71)** Dali Systems Co. Ltd.  
**(11)** AU-B-2018247240  
**(21)** 2018247240 **(22)** 10.10.2018  
**(54)** Virtualized wireless network  
**(51)** Int. Cl.  
**H04W 4/00** ( 2009.01 )  
**(43)** 01.11.2018  
**(44)** 07.05.2020  
**(62)** 2016247101  
**(72)** STAPLETON, Shawn Patrick; LEMSON, Paul; SPEDALIERE, Gary; LEE, Albert S.  
**(74)** RnB IP Pty Ltd

**(71)** Dali Systems Co. Ltd.  
**(11)** AU-B-2019202185  
**(21)** 2019202185 **(22)** 29.03.2019  
**(54)** Network switch for a distributed antenna network  
**(51)** Int. Cl.  
**H04W 4/06** ( 2009.01 )  
**(43)** 18.04.2019  
**(44)** 07.05.2020  
**(62)** 2015203912  
**(72)** ZHUANG, Qianqi; STAPLETON, Shawn Patrick  
**(74)** RnB IP Pty Ltd

**(71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-B-2014360426  
**(21)** 2014360426 **(22)** 04.12.2014  
**(54)** Methods to distinguish Waldenstrom's Macroglobulinemia from IgM monoclonal gammopathy of undetermined significance  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**(87)** WO2015/085075  
**(31)** 61/912,842 **(32)** 06.12.13 **(33)** US  
**(43)** 11.06.2015  
**(44)** 07.05.2020  
**(72)** Treon, Steven P.; Xu, Lian  
**(74)** Shelston IP Pty Ltd.

**(71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-B-2014361800  
**(21)** 2014361800 **(22)** 12.12.2014  
**(54)** Methods to treat lymphoplasmacytic lymphoma  
**(51)** Int. Cl.  
**C07D 413/04** ( 2006.01 )

**A61K 31/165** ( 2006.01 )  
**(87)** WO2015/089481  
**(31)** 61/915,684 **(32)** 13.12.13 **(33)** US  
 62/036,917 13.08.14 US  
**(43)** 18.06.2015  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(11)** AU-B-2016301055  
**(21)** 2016301055 **(22)** 27.07.2016  
**(54)** Dental adhesive  
**(51)** Int. Cl.  
**C07D 295/185** ( 2006.01 )  
**(87)** WO2017/017156  
**(31)** 15178515.1 **(32)** 27.07.15 **(33)** EP  
**(43)** 02.02.2017  
**(44)** 07.05.2020  
**(72)** Fik, Cristoph P.; Pohle, Sven; Liu, Huaibing; Klee, Joachim  
**(74)** Spruson & Ferguson

**(71)** Desso B.V.  
**(11)** AU-B-2015322173  
**(21)** 2015322173 **(22)** 21.09.2015  
**(54)** Method for producing a floor covering (including carpet and carpet tile) with positive defined recycled content  
**(51)** Int. Cl.  
**D06N 7/00** ( 2006.01 )  
**C02F 5/06** ( 2006.01 )  
**(87)** WO2016/048142  
**(31)** 2013521 **(32)** 24.09.14 **(33)** NL  
**(43)** 31.03.2016  
**(44)** 07.05.2020  
**(72)** Koppers, Henricus Martinus Marie; Van Oers, Marinus Gerardus Maria; Cammaert, Ludwig Maria Gerardus Irma  
**(74)** Spruson & Ferguson

**(71)** Detnet South Africa (Pty) Ltd  
**(11)** AU-B-2017361560  
**(21)** 2017361560 **(22)** 03.11.2017  
**(54)** Detonator sensor assembly  
**(51)** Int. Cl.  
**F42D 1/04** ( 2006.01 )  
**(87)** WO2018/094426  
**(31)** 2016/07861 **(32)** 15.11.16 **(33)** ZA  
**(43)** 24.05.2018  
**(44)** 07.05.2020  
**(72)** Muller, Elmar Lennox  
**(74)** Madderns Pty Ltd

**(71)** Di Girolamo, E.R.  
**(11)** AU-B-2015360350  
**(21)** 2015360350 **(22)** 11.12.2015  
**(54)** Multiplace hyperbaric chamber systems and methods  
**(51)** Int. Cl.  
**A61G 10/02** ( 2006.01 )  
**(87)** WO2016/094811  
**(31)** 62/090,620 **(32)** 11.12.14 **(33)** US  
**(43)** 16.06.2016

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 (72) Di Girolamo, Edward R.  
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 (11) AU-B-2020200722  
 (21) 2020200722 (22) 31.01.2020  
 (54) Product display assembly  
 (51) Int. Cl.  
     A47F 1/00 ( 2006.01 )  
     A47F 1/04 ( 2006.01 )  
     A47F 5/00 ( 2006.01 )  
     A47F 7/00 ( 2006.01 )  
 (43) 20.02.2020  
 (44) 07.05.2020  
 (62) 2016304596  
 (72) RILEY, Daniel C.; CAMELLO, Anthony  
 (74) Cotters Patent & Trade Mark Attorneys

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(71) Dissing A/S  
 (11) AU-B-2015299441  
 (21) 2015299441 (22) 06.08.2015  
 (54) Auxiliary mounting tool for the positioning of elements in relation to an adjacent flat or plane  
 (51) Int. Cl.  
     E04F 21/00 ( 2006.01 )  
     E04G 21/18 ( 2006.01 )  
     E06B 1/56 ( 2006.01 )  
 (87) WO2016/019965  
 (31) PA 2014 70478 (32) 08.08.14 (33) DK  
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 (11) AU-B-2018203757  
 (21) 2018203757 (22) 29.05.2018  
 (54) System for 3D Image Projections and Viewing  
 (51) Int. Cl.  
     G02B 27/02 ( 2006.01 )  
     H04N 13/00 ( 2006.01 )  
 (43) 21.06.2018  
 (44) 07.05.2020  
 (62) 2016200895  
 (72) Richards, Martin John; Allen, Wilson  
     Heaton; Gomes, Gary D  
 (74) Chrysiliou IP

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(71) Dong-A ST Co., Ltd.  
 (11) AU-B-2017337946  
 (21) 2017337946 (22) 28.09.2017  
 (54) Tetrahydropyridine derivatives and their use as antibacterial agents  
 (51) Int. Cl.  
     C07D 211/70 ( 2006.01 )  
     A61K 31/4418 ( 2006.01 )  
     C07D 401/10 ( 2006.01 )  
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 (43) 05.04.2018

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(71) Duke University  
 (11) AU-B-2016261228  
 (21) 2016261228 (22) 06.05.2016  
 (54) Systems and methods for spinal cord stimulation  
 (51) Int. Cl.  
     A61B 5/05 ( 2006.01 )  
     A61N 1/00 ( 2006.01 )  
     A61N 1/05 ( 2006.01 )  
     A61N 1/18 ( 2006.01 )  
     A61N 1/36 ( 2006.01 )  
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 (31) 62/158,731 (32) 08.05.15 (33) US  
 (43) 17.11.2016  
 (44) 07.05.2020  
 (72) Grill, Warren M.; Zhang, Tianhe  
 (74) RnB IP Pty Ltd

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(71) Dyno Nobel Asia Pacific Pty Limited  
 (11) AU-B-2015337861  
 (21) 2015337861 (22) 27.10.2015  
 (54) Explosive composition and method of delivery  
 (51) Int. Cl.  
     C06B 23/00 ( 2006.01 )  
     C06B 31/28 ( 2006.01 )  
 (87) WO2016/065412  
 (31) 2014904283 (32) 27.10.14 (33) AU  
 (43) 06.05.2016  
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 (72) Paris, Nathan; Gore, Jeff; Thornley, Paul  
 (74) IP SOLVED (ANZ) PTY. LTD.

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 (21) 2018229266 (22) 26.02.2018  
 (54) Alkaline cleaning composition comprising a hydroxyphosphono carboxylic acid and methods of reducing metal corrosion  
 (51) Int. Cl.  
     C23F 11/167 ( 2006.01 )  
     C02F 5/14 ( 2006.01 )  
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 (31) 62/464,938 (32) 28.02.17 (33) US  
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 (74) Spruson & Ferguson

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 (21) 2019208211 (22) 24.07.2019  
 (54) PERFORMIC ACID ON-SITE GENERATOR AND FORMULATOR  
 (51) Int. Cl.

C07C 407/00 ( 2006.01 )  
 A01N 37/16 ( 2006.01 )  
 C02F 1/72 ( 2006.01 )  
 C07C 409/24 ( 2006.01 )  
 C07C 409/26 ( 2006.01 )  
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 (44) 07.05.2020  
 (62) 2018278935  
 (72) Kraus, Paul R.; Crew, Benjamin; Li, Junzhong; McSherry, David D.; Balasubramanian, Ramakrishnan; Staub, Richard; Kleczewski, Ariel Chatman; Tran, Minh; Hanson, Catherine; Yunus, Irwan; Breshers, Jeffery D.; Brunner, Brian Paul  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Eddy Current Limited Partnership  
 (11) AU-B-2015304095  
 (21) 2015304095 (22) 18.08.2015  
 (54) Tuning of a kinematic relationship between members  
 (51) Int. Cl.  
     H02K 49/04 ( 2006.01 )  
     B60L 7/28 ( 2006.01 )  
 (87) WO2016/028168  
 (31) 627630 (32) 18.08.14 (33) NZ  
 (43) 25.02.2016  
 (44) 07.05.2020  
 (72) Diehl, Andrew Karl; Allington, Christopher James  
 (74) CreateIP

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 (54) Holding assembly  
 (51) Int. Cl.  
     A47L 15/50 ( 2006.01 )  
 (87) WO2016/034200  
 (43) 10.03.2016  
 (44) 07.05.2020  
 (72) Mesa, Daniel; Hederstierna, Rickard  
 (74) Halfords IP

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(71) Elemental Scientific Lasers, LLC  
 (11) AU-B-2018204780  
 (21) 2018204780 (22) 29.06.2018  
 (54) In-chamber fluid handling system and methods handling fluids using the same  
 (51) Int. Cl.  
     G01N 1/28 ( 2006.01 )  
     G01N 35/08 ( 2006.01 )  
 (43) 19.07.2018  
 (44) 07.05.2020  
 (62) 2014214888  
 (72) Hilliard, Shane; O'Connor, Ciaran, J.; Wilkins, Jay; Larsen, Erik; Summerfield, Leif  
 (74) Shelston IP Pty Ltd.

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 (54) Device and method for producing synthetic gas  
 (51) Int. Cl.

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**C10L 3/10** ( 2006.01 )  
**C25B 1/00** ( 2006.01 )  
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 1650497 21.01.16 FR  
**(43)** 19.01.2017  
**(44)** 07.05.2020  
**(72)** Kara, Yilmaz; Fortin, Stéphane; Ricard, Julia  
**(74)** Griffith Hack
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- (71)** Equalaire Systems, Inc.  
**(11)** AU-B-2017230741  
**(21)** 2017230741 (22) 09.03.2017  
**(54)** Pressure equalization valve assembly  
**(51)** Int. Cl.  
**B60C 23/00** ( 2006.01 )  
**B60C 23/10** ( 2006.01 )  
**B60C 29/00** ( 2006.01 )  
**B60C 29/06** ( 2006.01 )  
**B60S 5/04** ( 2006.01 )  
**(87)** WO2017/156351  
**(31)** 62/447,831 (32) 18.01.17 **(33)** US  
 62/305,793 09.03.16 US  
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**(43)** 14.09.2017  
**(44)** 07.05.2020  
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**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** Escape Fitness Limited  
**(11)** AU-B-2014274642  
**(21)** 2014274642 (22) 12.12.2014  
**(54)** AN ANNULAR WEIGHTED EXERCISE APPARATUS  
**(51)** Int. Cl.  
**A63B 21/075** ( 2006.01 )  
**(31)** 1321962.1 (32) 12.12.13 **(33)** GB  
**(43)** 02.07.2015  
**(44)** 07.05.2020  
**(72)** Januszek, Matthew  
**(74)** Madderns Pty Ltd
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- (71)** Essity Hygiene and Health Aktiebolag  
**(11)** AU-B-2017422277  
**(21)** 2017422277 (22) 07.07.2017  
**(54)** Disposable hygiene absorbent product  
**(51)** Int. Cl.  
**A61F 13/15** ( 2006.01 )  
**A61F 13/513** ( 2006.01 )  
**A61F 13/514** ( 2006.01 )  
**A61F 13/84** ( 2006.01 )  
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**(43)** 10.01.2019  
**(44)** 07.05.2020  
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**(74)** Watermark Intellectual Property Pty Ltd
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**(11)** AU-B-2016330362  
**(21)** 2016330362 (22) 20.09.2016  
**(54)** Methods and systems for treating medical devices and fluids  
**(51)** Int. Cl.
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- A61L 2/22** ( 2006.01 )  
**A61K 31/20** ( 2006.01 )  
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**(31)** 62/236,632 (32) 02.10.15 **(33)** US  
**(43)** 06.04.2017  
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- (71)** Eurofilters N.V.  
**(11)** AU-B-2017232261  
**(21)** 2017232261 (22) 15.03.2017  
**(54)** Vacuum cleaner filter bag with recycled textile materials and/or cotton linters  
**(51)** Int. Cl.  
**B01D 39/16** ( 2006.01 )  
**A47L 9/14** ( 2006.01 )  
**(87)** WO2017/158025  
**(31)** 16192651.4 (32) 06.10.16 **(33)** EP  
 16192650.6 06.10.16 EP  
 16178839.3 11.07.16 EP  
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 16160922.7 17.03.16 EP  
**(43)** 21.09.2017  
**(44)** 07.05.2020  
**(72)** Schultink, Jan; Sauer, Ralf  
**(74)** Griffith Hack
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- (71)** Evonik Fibres GmbH  
**(11)** AU-B-2015373475  
**(21)** 2015373475 (22) 22.12.2015  
**(54)** Process for separation of gases with reduced maintenance costs  
**(51)** Int. Cl.  
**B01D 53/22** ( 2006.01 )  
**(87)** WO2016/107786  
**(31)** 14200384.7 (32) 29.12.14 **(33)** EP  
**(43)** 07.07.2016  
**(44)** 07.05.2020  
**(72)** Priske, Markus  
**(74)** Baldwins Intellectual Property
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- (71)** Evoqua Water Technologies LLC  
**(11)** AU-B-2016220347  
**(21)** 2016220347 (22) 12.02.2016  
**(54)** Rotating spray device for water distribution on media bed of a biofilter  
**(51)** Int. Cl.  
**A01K 63/04** ( 2006.01 )  
**B01D 35/00** ( 2006.01 )  
**B01D 53/81** ( 2006.01 )  
**C02F 3/02** ( 2006.01 )  
**C02F 3/10** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12M 1/04** ( 2006.01 )  
**C12M 1/06** ( 2006.01 )  
**(87)** WO2016/133802  
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**(44)** 07.05.2020  
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**(74)** Shelston IP Pty Ltd.
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- (71)** F. Hoffmann-La Roche AG  
**(11)** AU-B-2016302696
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- (21)** 2016302696 (22) 02.08.2016  
**(54)** Ethynyl derivatives  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**(87)** WO2017/021384  
**(31)** 15179550.7 (32) 03.08.15 **(33)** EP  
**(43)** 09.02.2017  
**(44)** 07.05.2020  
**(72)** Jaeschke, Georg; O'Hara, Fionn; Plancher, Jean-Marc; Ricci, Antonio; Rueher, Daniel; Vieira, Eric  
**(74)** Spruson & Ferguson
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- (71)** Farrugia, N.  
**(11)** AU-B-2019262093  
**(21)** 2019262093 (22) 02.05.2019  
**(54)** A dampened hinge assembly  
**(51)** Int. Cl.  
**E05F 3/20** ( 2006.01 )  
**E05D 7/086** ( 2006.01 )  
**E05D 11/08** ( 2006.01 )  
**(87)** WO2019/210364  
**(31)** 2018901508 (32) 03.05.18 **(33)** AU  
**(43)** 07.11.2019  
**(44)** 07.05.2020  
**(72)** FARRUGIA, Nikolaus  
**(74)** Patentec Patent Attorneys
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- (71)** Ferag AG  
**(11)** AU-B-2016212416  
**(21)** 2016212416 (22) 07.01.2016  
**(54)** Method for filling the pockets of a transport device in the form of a suspension conveyor and device for carrying out said method  
**(51)** Int. Cl.  
**B65G 17/20** ( 2006.01 )  
**B65G 9/00** ( 2006.01 )  
**B65G 19/02** ( 2006.01 )  
**B65G 47/61** ( 2006.01 )  
**(87)** WO2016/120031  
**(31)** 00089/15 (32) 26.01.15 **(33)** CH  
 00572/15 27.04.15 CH  
**(43)** 04.08.2016  
**(44)** 07.05.2020  
**(72)** Fenile, Roberto; Kalin, Erich  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-B-2015268171  
**(21)** 2015268171 (22) 27.05.2015  
**(54)** Gases mixing and measuring for a medical device  
**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**G01H 5/00** ( 2006.01 )  
**G01N 29/00** ( 2006.01 )  
**(87)** WO2015/183107  
**(31)** 62/003,423 (32) 27.05.14 **(33)** US  
**(43)** 03.12.2015  
**(44)** 07.05.2020  
**(72)** Van Schalkwyk, Andre; Newland, Anthony James; Graves, Rachael; Liang, Wenjie Robin; Jiang-Foo, Winnie Yong  
**(74)** Baldwins Intellectual Property

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 (11) AU-B-2018203493  
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 (54) BREATHING TUBE ASSEMBLIES WITH ADJUSTABLE ELBOW  
 (51) Int. Cl.  
**A61M 16/16** ( 2006.01 )  
 (43) 07.06.2018  
 (44) 07.05.2020  
 (62) 2013300236  
 (72) Miller, Jeremy Livingston; D'Andrea, Dominique Richard  
 (74) AJ PARK

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**C01F 5/02** ( 2006.01 )  
**C01F 7/02** ( 2006.01 )  
**C01G 3/02** ( 2006.01 )  
**C01G 37/02** ( 2006.01 )  
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therefor, and pharmaceutical composition for preventing or treating diseases associated with PI3 kinases, containing same as active ingredient

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**C07D 403/12** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
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**C07D 471/04** ( 2006.01 )  
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     **A61P 37/00** ( 2006.01 )  
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     **C07D 401/14** ( 2006.01 )  
     **C07D 403/04** ( 2006.01 )  
     **C07D 405/14** ( 2006.01 )  
     **C07D 409/12** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
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**C12N 1/20** ( 2006.01 )  
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 Peter Anthony  
**(74)** Allens Patent & Trade Mark Attorneys

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**C12N 1/20** ( 2006.01 )  
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 Justin Keith  
**(74)** Allens Patent & Trade Mark Attorneys

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**(54)** A portable sawmill  
**(51)** Int. Cl.  
**B27B 5/18** ( 2006.01 )  
**B23D 45/02** ( 2006.01 )  
**B23D 47/02** ( 2006.01 )  
**B27B 3/02** ( 2006.01 )  
**B27B 3/22** ( 2006.01 )  
**B27B 5/29** ( 2006.01 )  
**F01M 11/02** ( 2006.01 )  
**F01M 11/06** ( 2006.01 )  
**F02B 75/02** ( 2006.01 )  
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**(54)** Method and system for neutralizing asbes-  
 tos  
**(51)** Int. Cl.  
**B09B 3/00** ( 2006.01 )  
**A62D 3/36** ( 2007.01 )  
**C01B 33/20** ( 2006.01 )  
**C04B 14/40** ( 2006.01 )  
**C04B 18/04** ( 2006.01 )  
**A62D 101/41** ( 2007.01 )  
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**(44)** 07.05.2020  
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**(21)** 2018216821 **(22)** 30.01.2018  
**(54)** Apparatus and methods for receiving dis-  
 charged urine  
**(51)** Int. Cl.  
**A61F 5/443** ( 2006.01 )  
**A61F 2/14** ( 2006.01 )  
**A61F 5/453** ( 2006.01 )  
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**(54)** Sound Hole Pickup  
**(51)** Int. Cl.  
**G10H 3/18** ( 2006.01 )  
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 porting arch  
**(51)** Int. Cl.  
**E04B 1/32** ( 2006.01 )  
**E04B 1/18** ( 2006.01 )  
**E04B 1/344** ( 2006.01 )  
**E04C 3/11** ( 2006.01 )  
**E04C 3/40** ( 2006.01 )  
**E04H 6/44** ( 2006.01 )  
**(87)** WO2016/141435  
**(31)** 2015900830 **(32)** 09.03.15 **(33)** AU

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 techniques for physical random access  
 channel transmissions  
**(51)** Int. Cl.  
**H04W 52/14** ( 2009.01 )  
**H04L 1/08** ( 2006.01 )  
**H04W 52/48** ( 2009.01 )  
**H04W 52/50** ( 2009.01 )  
**H04W 74/08** ( 2009.01 )  
**H04W 52/22** ( 2009.01 )  
**H04W 52/24** ( 2009.01 )  
**H04W 52/36** ( 2009.01 )  
**H04W 74/00** ( 2009.01 )  
**(87)** WO2016/144789  
**(31)** 62/129,673 **(32)** 06.03.15 **(33)** US  
 15/059,075 02.03.16 US  
**(43)** 15.09.2016  
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**(74)** Madderns Pty Ltd

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**(21)** 2016297067 **(22)** 21.07.2016  
**(54)** Configurable measurement gap and win-  
 dow for machine type communications  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**(87)** WO2017/015465  
**(31)** 62/220,930 **(32)** 18.09.15 **(33)** US  
 62/195,724 22.07.15 US  
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**(43)** 26.01.2017  
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 Srinivasan; Xu, Hao; Chen, Wanshi; Gaal,  
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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2016331870  
**(21)** 2016331870 **(22)** 26.08.2016  
**(54)** Design of synchronization signals for nar-  
 rowband operation  
**(51)** Int. Cl.  
**H04W 56/00** ( 2009.01 )  
**H04J 11/00** ( 2006.01 )  
**H04L 27/26** ( 2006.01 )  
**(87)** WO2017/058427  
**(31)** 15/247,355 **(32)** 25.08.16 **(33)** US  
 62/234,554 29.09.15 US  
**(43)** 06.04.2017  
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 (51) Int. Cl.  
*G06F 12/08* ( 2006.01 )  
*G06F 9/50* ( 2006.01 )  
*G06F 12/0804* ( 2016.01 )  
*G06F 12/0808* ( 2016.01 )  
*G06F 12/0815* ( 2016.01 )  
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**G01N 25/18** ( 2006.01 )  
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 (51) Int. Cl.  
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 (31) 62/079,876 (32) 14.11.14 (33) US  
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 (21) 2015264362 (22) 19.05.2015  
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 (51) Int. Cl.  
     **A61K 38/04** ( 2006.01 )  
     **A61K 31/409** ( 2006.01 )  
     **A61P 7/00** ( 2006.01 )  
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 (31) 62/001,754 (32) 22.05.14 (33) US  
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 (21) 2018202544 (22) 11.04.2018  
 (54) FBXO3 inhibitors  
 (51) Int. Cl.  
     **C07D 213/36** ( 2006.01 )  
     **A61K 31/137** ( 2006.01 )  
     **A61K 31/341** ( 2006.01 )  
     **A61K 31/381** ( 2006.01 )  
     **A61K 31/402** ( 2006.01 )  
     **A61K 31/4155** ( 2006.01 )  
     **A61K 31/427** ( 2006.01 )  
     **A61K 31/4418** ( 2006.01 )  
     **A61K 31/506** ( 2006.01 )  
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     **A61P 3/10** ( 2006.01 )  
     **A61P 11/06** ( 2006.01 )  
     **A61P 19/00** ( 2006.01 )  
     **A61P 25/00** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07C 13/10** ( 2006.01 )  
     **C07C 15/12** ( 2006.01 )

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**C07D 277/28** ( 2006.01 )  
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**(11)** AU-B-2015306728  
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**(51)** Int. Cl.  
**A61B 5/153** ( 2006.01 )  
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**(51)** Int. Cl.  
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**C12Q 1/68** ( 2006.01 )  
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**(51)** Int. Cl.  
**G06T 9/20** ( 2006.01 )  
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**(54)** Method for diagnosing a viral infection  
**(51)** Int. Cl.  
**G01N 33/569** ( 2006.01 )  
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**(43)** 18.09.2014  
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**(74)** WRAYS PTY LTD

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**(54)** Method for operating a food processor  
**(51)** Int. Cl.  
**A47J 43/07** ( 2006.01 )  
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**(54)** Gas Flow Indicator Device  
**(51)** Int. Cl.  
**G01F 1/05** ( 2006.01 )  
**A61B 5/087** ( 2006.01 )  
**A62B 7/00** ( 2006.01 )  
**A62B 9/00** ( 2006.01 )  
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**(54)** Total arch concept  
**(51)** Int. Cl.  
**A61F 2/07** ( 2013.01 )  
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**(51)** Int. Cl.  
**C07H 19/048** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Wabash National, L.P.  
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**(21)** 2016222917 **(22)** 23.02.2016  
**(54)** Composite refrigerated truck body and method of making the same  
**(51)** Int. Cl.  
**B62D 25/02** ( 2006.01 )  
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**(74)** Watermark Intellectual Property Pty Ltd

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**(54)** Incremental syringe  
**(51)** Int. Cl.  
**A61M 5/315** ( 2006.01 )  
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**(54)** Lump conditioner for a mixer  
**(51)** Int. Cl.  
**B01F 7/00** ( 2006.01 )  
**B28C 5/12** ( 2006.01 )

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C22B 1/00 ( 2006.01 )  
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**(21)** 2019201658

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**(54)** Determining pickup and destination locations for autonomous vehicles

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G05D 1/00 ( 2006.01 )  
G05D 1/02 ( 2006.01 )  
G06Q 50/30 ( 2012.01 )

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**(54)** Systems and methods for reducing pressure at an outflow of a duct

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A61B 17/12 ( 2006.01 )  
A61M 1/34 ( 2006.01 )  
A61M 25/00 ( 2006.01 )  
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C07D 279/20 ( 2006.01 )

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Wright, J. see Catalyst Lifestyle Limited  
**(21)** 2019200345

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**(21)** 2018213968 **(22)** 06.08.2018  
**(54)** Multivalent pneumococcal polysaccharide-protein conjugate composition

**(51)** Int. Cl.  
A61K 39/395 ( 2006.01 )  
A61K 39/02 ( 2006.01 )  
A61K 39/09 ( 2006.01 )  
A61K 39/295 ( 2006.01 )  
**(43)** 23.08.2018  
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**(74)** Davies Collison Cave Pty Ltd

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**(11)** AU-B-2015306643  
**(21)** 2015306643 **(22)** 26.08.2015  
**(54)** Soluble epoxide hydrolase inhibitors and uses thereof

**(51)** Int. Cl.  
C07D 213/81 ( 2006.01 )

**(87)** WO2016/033150  
**(31)** 62/043,275 **(32)** 28.08.14 **(33)** US  
**(43)** 03.03.2016  
**(44)** 07.05.2020  
**(72)** Zhang, Ying; Keefe, Anthony D.; Dumelin, Christoph  
**(74)** Griffith Hack

**(71)** Xylem Europe GmbH  
**(11)** AU-B-2017372656  
**(21)** 2017372656 **(22)** 13.10.2017  
**(54)** Method for controlling an ozone generator

**(51)** Int. Cl.  
C01B 13/11 ( 2006.01 )

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**(31)** 16202684.3 **(32)** 07.12.16 **(33)** EP  
**(43)** 14.06.2018  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.  
**(11)** AU-B-2020201858  
**(21)** 2020201858 **(22)** 13.03.2020

**(54)** Ostreolysin, functionally related variant thereof, extract comprising ostreolysin and uses thereof

**(51)** Int. Cl.  
A61K 38/04 ( 2006.01 )  
A61K 38/57 ( 2006.01 )  
A61P 3/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )

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**(21)** 2015350001 **(22)** 18.11.2015  
**(54)** Phosphoramidite synthones for the synthesis of self-neutralizing oligonucleotide compounds

**(51)** Int. Cl.  
C07H 21/02 ( 2006.01 )  
C07H 21/04 ( 2006.01 )

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**(54)** Pharmaceutical composition for topical administration

**(51)** Int. Cl.  
A61K 31/4045 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 9/06 ( 2006.01 )  
A61K 9/107 ( 2006.01 )  
A61K 45/06 ( 2006.01 )  
A61K 47/10 ( 2006.01 )  
A61P 17/00 ( 2006.01 )  
A61P 17/06 ( 2006.01 )  
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**(31)** 1401904.6 **(32)** 04.02.14 **(33)** GB  
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**(72)** Liu, Wai Leung; Purkins, Lynn; Yeadon, Michael  
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**(54)** IMPROVED RAZOR AND RAZOR HANDLE

**(51)** Int. Cl.  
B26B 21/52 ( 2006.01 )  
B26B 21/08 ( 2006.01 )  
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**(43)** 07.05.2020  
**(44)** 07.05.2020  
**(72)** Hunwick, Rod  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

**(71)** Zisman, L.  
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**(54)** Spray dry formulations

**(51)** Int. Cl.  
A61K 31/132 ( 2006.01 )  
A61K 31/136 ( 2006.01 )  
A61P 11/00 ( 2006.01 )  
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**(43)** 16.04.2015

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- (72) Zisman, Lawrence S.
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<b>2014240183</b>	MAX & WILS PTY. LTD.	<b>2015301971</b>	Microsoft Technology Licensing, LLC
<b>2014274642</b>	Escape Fitness Limited	<b>2015302209</b>	Smith & Nephew, Inc.
<b>2014298371</b>	Suppremol GmbH	<b>2015302333</b>	Nuvasive, Inc.
<b>2014308794</b>	Seven Bridges Genomics Inc.	<b>2015304095</b>	Eddy Current Limited Partnership
<b>2014326975</b>	SomaLogic, Inc.	<b>2015305672</b>	Crown Equipment Corporation
<b>2014327258</b>	The University Court of the University of Edinburgh; Bayer Cropscience NV	<b>2015306643</b>	X-Chem, Inc.
<b>2014331796</b>	Zisman, L.	<b>2015306728</b>	Velano Vascular, Inc.
<b>2014332021</b>	Massachusetts Eye and Ear Infirmary	<b>2015308950</b>	NORCE Norwegian Research Centre AS
<b>2014332857</b>	Healios K.K.; Osaka University	<b>2015313987</b>	Scott Cutters Limited
<b>2014336960</b>	Conexio Genomics Pty Ltd	<b>2015315370</b>	Bedford Systems LLC
<b>2014339719</b>	The Centre for Drug Research and Development; University Of British Columbia	<b>2015322173</b>	Desso B.V.
<b>2014340178</b>	Bongiovi Acoustics LLC	<b>2015323635</b>	Poggi, P.
<b>2014357446</b>	Biothera, Inc.	<b>2015324922</b>	UGM ADDCAR Systems, LLC
<b>2014359362</b>	SENSEBALL HOLDING	<b>2015327862</b>	Conagen Inc.
<b>2014360426</b>	Dana-Farber Cancer Institute, Inc.	<b>2015328395</b>	Battelle Memorial Institute
<b>2014361800</b>	Dana-Farber Cancer Institute, Inc.	<b>2015329801</b>	Johnson Matthey Public Limited Company
<b>2014366399</b>	Johnson & Johnson Consumer Inc.	<b>2015337855</b>	Newcastle Innovation Limited
<b>2014368450</b>	Intervet International B.V.	<b>2015337861</b>	Dyno Nobel Asia Pacific Pty Limited
<b>2014373683</b>	Rapamycin Holdings, LLC	<b>2015345988</b>	Strada Design Limited
<b>2014385794</b>	Sleep Innovations Pty Ltd	<b>2015346437</b>	University of Maryland, Baltimore
<b>2014405291</b>	Electrolux Appliances Aktiebolag	<b>2015348044</b>	Greenspur Renewables Limited
<b>2014405934</b>	Neuros Medical, Inc	<b>2015349886</b>	Auth0, Inc.
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<b>2015200059</b>	General Electric Company	<b>2015358532</b>	Genentech, Inc.
<b>2015201561</b>	Intuit Inc.	<b>2015359346</b>	Actelion Pharmaceuticals Ltd
<b>2015202285</b>	AgResearch Limited	<b>2015360273</b>	Wake Forest University Health Sciences
<b>2015202689</b>	THE UNIVERSITY OF BRITISH COLUMBIA	<b>2015360350</b>	Di Girolamo, E.R.
<b>2015202831</b>	Ortho-Tain, Inc.	<b>2015362849</b>	Merck Sharp & Dohme Corp.
<b>2015204341</b>	BIOSENSE WEBSTER (ISRAEL) LTD.	<b>2015363778</b>	Koninklijke Douwe Egberts B.V.
<b>2015204368</b>	Redgrave, R.	<b>2015369712</b>	The United States of America as Represented by The Secretary, Department of Health and Human Services; The University of North Carolina at Chapel Hill
<b>2015205755</b>	Birdie Biopharmaceuticals Inc.	<b>2015373475</b>	Evonik Fibres GmbH
<b>2015206243</b>	The Administrators of the Tulane Educational Fund; Halcyon Biomedical, Incorporated	<b>2015374000</b>	Corning Incorporated
<b>2015207975</b>	Industrial Microwave Systems, L.L.C.	<b>2015378885</b>	Oxford Space Structures Ltd
<b>2015209452</b>	Neurocrine Biosciences, Inc.	<b>2015379238</b>	Panasonic Intellectual Property Management Co., Ltd.
<b>2015213272</b>	The Boeing Company	<b>2015382060</b>	Samsung Electronics Co., Ltd.
<b>2015213878</b>	Ziarco Pharma Limited	<b>2015386039</b>	Astellas Pharma Inc.; Kotobuki Pharmaceutical Co., Ltd.
<b>2015214390</b>	Pfizer Inc.; Merck Sharp & Dohme Corp.	<b>2015399240</b>	General Mills, Inc.
<b>2015220408</b>	Nektar Therapeutics (India) Pvt. Ltd.; Nektar Therapeutics	<b>2015402147</b>	Halliburton Energy Services, Inc.
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<b>2015226100</b>	UCB Biopharma SPRL	<b>2016200345</b>	Covidien LP
<b>2015236283</b>	Leading Biosciences, Inc.	<b>2016201586</b>	Henke-Sass, Wolf GmbH
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<b>2015247456</b>	May, M.	<b>2016201921</b>	The Boeing Company
<b>2015255301</b>	Lettela Pty Limited	<b>2016202381</b>	Nasdaq, Inc.
<b>2015261536</b>	Ablynx NV	<b>2016202566</b>	GE Global Sourcing LLC
<b>2015264362</b>	University of Pittsburgh - Of the Commonwealth System of Higher Education	<b>2016203605</b>	Biosense Webster (Israel) Ltd.
<b>2015265865</b>	Universitat Bern	<b>2016204293</b>	Covidien LP
<b>2015266877</b>	R-Water LLC	<b>2016208015</b>	Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven
<b>2015268171</b>	Fisher & Paykel Healthcare Limited	<b>2016209349</b>	Arvinas, Inc.
<b>2015269333</b>	Accelaron Pharma, Inc.	<b>2016211292</b>	Neurocrine Biosciences, Inc.
<b>2015274204</b>	Wallgren, M.	<b>2016211698</b>	CommScope Technologies LLC
<b>2015279403</b>	Société des Produits Nestlé S.A.	<b>2016211912</b>	The Lubrizol Corporation
<b>2015284181</b>	ICU Medical, Inc.	<b>2016212416</b>	Ferag AG
<b>2015284782</b>	Salix Pharmaceuticals, Inc.	<b>2016214492</b>	Kancera AB
<b>2015292343</b>	KCI Licensing, Inc.	<b>2016214625</b>	Bio.Lo.Ga. S.r.l.
<b>2015292907</b>	Arkema Inc.	<b>2016214849</b>	Beijing Peking University WBL Biotech Co., Ltd.
<b>2015294656</b>	L'air Liquide Societe Anonyme Pour L'etude Et L' Exploitation Des Procèdes Georges Claude	<b>2016215229</b>	Route 92 Medical, Inc.
<b>2015299142</b>	Nuevolution A/S	<b>2016217402</b>	Kabushiki Kaisha Miyanaga
<b>2015299441</b>	Dissing A/S	<b>2016219368</b>	SWIMC LLC
<b>2015300884</b>	Replifel Life Sciences Inc.	<b>2016219949</b>	THE FEINSTEIN INSTITUTES FOR MEDICAL RESEARCH
<b>2015300921</b>	Stryker Corporation	<b>2016220347</b>	Evoqua Water Technologies LLC
<b>2015301457</b>	Flomax International, Inc.	<b>2016222917</b>	Wabash National, L.P.

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2016226262	Kaio Therapy, LLC	2017232261	Eurofilters N.V.
2016228603	Liu, S.	2017235069	Immatics Biotechnologies GmbH
2016228660	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	2017235238	ARRIS Enterprises LLC
2016228964	QLD Steel Pty Ltd	2017238255	GC Corporation
2016229175	Qualcomm Incorporated	2017249991	Julius Blum GmbH
2016229276	Blendtec, Inc.	2017254934	Menard, S.
2016229319	W.R. Grace & Co.-Conn.	2017257496	Signpath Pharma, Inc.
2016233113	Mycovia Pharmaceuticals, Inc.	2017257868	3M Innovative Properties Company
2016235142	Boston Scientific Scimed, Inc.	2017258264	LG Electronics Inc.
2016235352	The Lubrizol Corporation	2017259118	Remediation Products, Inc.
2016236286	Fresenius Medical Care Deutschland GmbH	2017261181	Research Frontiers Incorporated
2016238332	SentreHEART, Inc.	2017264985	International AIDS Vaccine Initiative; The Scripps Research Institute; Theraclone Sciences, Inc.
2016243241	Kimberly-Clark Worldwide, Inc.	2017268578	Veracyte, Inc.
2016245403	Medela Holding AG	2017272205	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
2016250842	Biomet Manufacturing, LLC	2017272891	Avexxin AS
2016252618	Synexis LLC	2017275376	Motorola Solutions, Inc.
2016254540	Medicrea International	2017276748	Vorwerk & Co. Interholding GmbH
2016255431	Janssen Pharmaceutica NV	2017277224	Unilever PLC
2016256860	Neutron Therapeutics Inc.	2017285273	Sandvik Mining and Construction Oy
2016258120	Crown Equipment Corporation	2017285943	Telefield Medical Imaging Limited
2016259860	White Swell Medical Ltd	2017286519	MED-EL Elektromedizinische Geraete GmbH
2016261228	Duke University	2017301586	Thermacell Repellents, Inc.
2016261710	Innoventions Ltd.	2017308005	Neste Oyj
2016263013	Covidien LP	2017309083	LG Electronics Inc.
2016266725	General Electric Company	2017311429	Inventio AG
2016268491	Anheuser-Busch InBev S.A.	2017314341	Alibaba Group Holding Limited
2016268872	Panag Pharma Inc.	2017316861	JVC Kenwood Corporation
2016274615	Medicomp, Inc	2017317418	Kyushu University, National University Corporation; Sumitomo Metal Mining Co., Ltd.
2016277769	VPAS Group Pty Ltd	2017321050	Implandata Ophthalmic Products GmbH
2016279661	Korea Research Institute of Chemical Technology	2017321618	Kivu Consulting, Inc.
2016280054	Castrol Limited	2017323542	W. L. Gore & Associates, Inc.
2016284454	Fresenius Medical Care Holdings, Inc.	2017325800	Qualcomm Incorporated
2016284617	Gambro Lundia AB	2017329748	BioEnergy Concept GmbH
2016289944	Advanced Solutions Life Sciences, LLC	2017329957	Avexxin AS
2016290784	BAE SYSTEMS plc	2017330212	Apple Inc.
2016294487	ENGIE	2017330428	Apple, Inc.
2016296221	WisTa Laboratories Ltd.	2017333946	Telefonaktiebolaget LM Ericsson (PUBL)
2016297067	Qualcomm Incorporated	2017334363	Baker Hughes, a GE Company, LLC
2016299614	Daichi Sankyo Company, Limited; The University of Tokyo	2017336566	Malek, S.
2016301055	Dentsply DeTrey GmbH	2017337434	Daikin Industries, Ltd.
2016302696	F. Hoffmann-La Roche AG	2017337946	Dong-A ST Co., Ltd.
2016307084	Hauge Aqua Solutions AS	2017345227	Cainiao Smart Logistics Holding Limited
2016313226	JSP Limited	2017348810	Fujian Cosunter Pharmaceutical Co., Ltd.
2016314345	OncoArendi Therapeutics S.A.	2017350520	Baker Hughes, a GE Company, LLC
2016316974	Tristel plc	2017355140	Telefonaktiebolaget LM Ericsson (publ)
2016317417	Compagnie Generale des Etablissements Michelin	2017358533	Carnival Corporation
2016318700	Jiangsu Hengrui Medicine Co., Ltd.	2017360361	CHEP Technology Pty Limited
2016324524	Nisshin Foods Inc.	2017360505	Northrop Grumman Systems Corporation
2016329261	Novaliq GmbH	2017361560	Detnet South Africa (Pty) Ltd
2016330362	Ethicon, Inc.	2017363224	PetroChina Company Limited
2016330769	Bristol, Inc., d/b/a Remote Automation Solutions	2017363908	China University of Mining and Technology
2016331870	Qualcomm Incorporated	2017365191	Borealis AG
2016332266	Shionogi & Co., Ltd.	2017366558	Compagnie Generale des Etablissements Michelin
2016340015	Armour Wall Group Pty Limited	2017371040	CHEMAS Co., Ltd.
2016343975	Buckman Laboratories International, Inc.	2017372226	Aqseptence Group (Hangzhou) Co., Ltd.
2016344490	Johnson Matthey Public Limited Company	2017372656	Xylem Europe GmbH
2016344491	Johnson Matthey Public Limited Company	2017373437	Kawasaki Jukogyo Kabushiki Kaisha
2016357567	Pfizer Inc.	2017374541	Beijing Smartchip Microelectronics Company Limited; State Grid Information A Telecommunication Group Co., Ltd.; State Grid Corporation Of China
2016364817	Regeneron Pharmaceuticals, Inc.	2017378148	Siemens Healthcare Diagnostics Inc.
2016415048	Huawei Technologies Co., Ltd.	2017382215	Kyocera Senco Industrial Tools, Inc.
2016424753	Huawei Technologies Co., Ltd.	2017385760	Momentive Performance Materials Korea Co., Ltd
2016432058	Colgate-Palmolive Company	2017399481	Caregen Co., Ltd.
2016432315	Google LLC	2017402111	The Yokohama Rubber Co., Ltd.
2017203613	Standard Car Truck Company	2017403004	Scheppach Fabrikation von Holzbearbeitungsmaschinen GmbH
2017205991	Avintiv Specialty Materials Inc.	2017422277	Essity Hygiene and Health Aktiebolag
2017212520	Alcoa USA Corp.	2017429907	Jushi Group Co., Ltd.
2017214784	Bigz Tech Inc.		
2017218639	Soletanche Freyssinet		
2017229527	Rebeat Innovation GmbH		
2017229530	MedImmune Limited		
2017230741	Equalaire Systems, Inc.		

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<b>2018201744</b>	Nalco Company	<b>2018286567</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2018202149</b>	AAA Screens Pty Ltd	<b>2018286602</b>	KABUSHIKI KAISHA TOSHIBA
<b>2018202494</b>	Bayer HealthCare LLC	<b>2018288907</b>	Futurechem Co., Ltd.
<b>2018202504</b>	Novo Nordisk A/S	<b>2018289853</b>	Canon Kabushiki Kaisha
<b>2018202544</b>	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS	<b>2018301784</b>	Fresenius Medical Care Holdings, Inc.
<b>2018202847</b>	Apple Inc.	<b>2018326294</b>	LEWIS, P.
<b>2018202859</b>	Obalon Therapeutics, Inc.	<b>2018333279</b>	Pilot Pastoral Co. Pty Ltd
<b>2018203180</b>	GEN-Y CREATIONS, LLC	<b>2018336341</b>	Canon Kabushiki Kaisha
<b>2018203224</b>	GEN-Y CREATIONS, LLC	<b>2018341976</b>	Mustang Sampling LLC
<b>2018203334</b>	Oren Technologies, LLC	<b>2018374069</b>	Jong Hun, L.; Sang Woo, G.
<b>2018203493</b>	Fisher & Paykel Healthcare Limited	<b>2018386356</b>	Jiangsu Goldwind Science & Technology Co., Ltd.
<b>2018203497</b>	PANTHERYX, INC.	<b>2019200030</b>	Apple Inc.
<b>2018203757</b>	Dolby Laboratories Licensing Corporation	<b>2019200171</b>	The Regents of the University of California; University College Dublin
<b>2018203934</b>	ImmunoGen, Inc.	<b>2019200256</b>	Sun Patent Trust
<b>2018204173</b>	Merus N.V.	<b>2019200345</b>	Catalyst Lifestyle Limited; Lai, J.; Wright, J.
<b>2018204200</b>	PERSONAL GENOMICS TAIWAN, INC.	<b>2019200385</b>	Samsung Electronics Co., Ltd.
<b>2018204251</b>	IQ Power Licensing AG; Sullivan, C.	<b>2019200639</b>	Covidien LP
<b>2018204318</b>	The Nielsen Company (US), LLC	<b>2019200652</b>	The Nielsen Company (US), LLC
<b>2018204324</b>	460Medical, Inc.; The George Washington University	<b>2019200701</b>	Apple Inc.
<b>2018204438</b>	Victaulic Company	<b>2019200888</b>	K2M, Inc.
<b>2018204753</b>	Seram Coatings AS	<b>2019200996</b>	Geobruigg AG
<b>2018204780</b>	Elemental Scientific Lasers, LLC	<b>2019201071</b>	Qualcomm Incorporated
<b>2018204873</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201141</b>	Mogam Institute for Biomedical Research
<b>2018205097</b>	Aristocrat Technologies Australia Pty Limited	<b>2019201245</b>	SHANG HAI PAN SHI TOU ZI GUAN LI YOU XIAN GONG SI
<b>2018206722</b>	Beckman Coulter, Inc.	<b>2019201306</b>	Zingit Technologies Pty Ltd
<b>2018208618</b>	Comfortex Window Fashions	<b>2019201658</b>	Alumend, LLC; WavePharma, LLC
<b>2018209667</b>	AstraZeneca AB	<b>2019201894</b>	Ishida Co., Ltd.
<b>2018210296</b>	Biomet Manufacturing, LLC.	<b>2019201968</b>	3M Innovative Properties Company
<b>2018212019</b>	MediBeacon Inc.	<b>2019202104</b>	SPUNFAB, Ltd.
<b>2018213968</b>	Wyeth LLC	<b>2019202185</b>	Dali Systems Co. Ltd.
<b>2018214010</b>	CareFusion 303, Inc.	<b>2019202330</b>	SUNREEF VENTURE S.A.
<b>2018214112</b>	Angel Playing Cards Co., Ltd.	<b>2019202475</b>	Qilu Normal University
<b>2018216821</b>	PureWick Corporation	<b>2019202713</b>	Waymo LLC
<b>2018217292</b>	LIN, H.	<b>2019203106</b>	Sonoco Australia Pty Ltd
<b>2018217321</b>	Applied Medical Resources Corporation	<b>2019203143</b>	Solas Science & Engineering Co., Ltd.
<b>2018219365</b>	AiViva BioPharma, Inc.	<b>2019203159</b>	Pfizer Inc.
<b>2018219965</b>	LG Electronics Inc.	<b>2019203160</b>	Covidien LP
<b>2018219996</b>	ViewRay Technologies, Inc.	<b>2019203191</b>	Corning Incorporated
<b>2018220146</b>	Hanmi Pharm. Co., Ltd	<b>2019203412</b>	SAS Institute Inc.
<b>2018221279</b>	Outotec (Finland) Oy	<b>2019204372</b>	StraxCorp Pty. Ltd
<b>2018222896</b>	Auspex Pharmaceuticals, Inc.	<b>2019204536</b>	Kimberly-Clark Worldwide, Inc.
<b>2018226460</b>	Accenture Global Solutions Limited	<b>2019204543</b>	Kimberly-Clark Worldwide, Inc.
<b>2018228299</b>	CG Bio Co., Ltd.; DNCCompany; Daewoong Pharmaceutical Co., Ltd.	<b>2019205991</b>	Shenzhen University
<b>2018229266</b>	Ecolab USA Inc.	<b>2019208211</b>	Ecolab USA Inc.
<b>2018231464</b>	Nippon Steel Corporation; Vallourec Oil and Gas France	<b>2019216639</b>	Accenture Global Solutions Limited
<b>2018238216</b>	Risen (Suzhou) Pharma Tech Co., Ltd.	<b>2019219839</b>	Becton, Dickinson and Company
<b>2018241037</b>	Alibaba Group Holding Limited	<b>2019226257</b>	Lipopharma Therapeutics, S.L
<b>2018246201</b>	Mitsubishi Heavy Industries Thermal Systems, Ltd.	<b>2019261725</b>	Magic Leap, Inc.
<b>2018247240</b>	Dali Systems Co. Ltd.	<b>2019262093</b>	Farrugia, N.
<b>2018248054</b>	3M Innovative Properties Company	<b>2019280053</b>	Autonomous Healthcare, Inc.
<b>2018250405</b>	Cheetah Medical, Inc.	<b>2019345334</b>	Hypnos Innovation Pty Ltd
<b>2018250475</b>	Geopier Foundation Company, Inc.	<b>2020200722</b>	Display Technologies, LLC
<b>2018250509</b>	Intuit Inc.	<b>2020201223</b>	The NOCO Company
<b>2018258163</b>	Biomason, Inc.	<b>2020201435</b>	Hunter Mining Methods Pty Ltd
<b>2018260857</b>	Allergan, Inc.	<b>2020201481</b>	Tate Access Floors, Inc
<b>2018260893</b>	Neuro-Bio Limited	<b>2020201858</b>	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
<b>2018260958</b>	Apple Inc.		
<b>2018262947</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
<b>2018263996</b>	Manojlovic, A.		
<b>2018267660</b>	Bio-Thera Solutions, Ltd.		
<b>2018268403</b>	Husqvarna AB		
<b>2018271226</b>	Apple Inc.		
<b>2018271931</b>	Google LLC		
<b>2018274967</b>	Paradise Honey Oy		
<b>2018275691</b>	Apple Inc.		
<b>2018278865</b>	KCI Licensing, Inc.		
<b>2018282311</b>	Somero Enterprises, Inc.		
<b>2018282492</b>	Longyear TM, Inc.		



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<b>A01D 101 /-</b>	2015378885	2017316861	<b>A61H 1 /-</b>	<b>A61K 38 /-</b>	2018260857
2018268403	<b>A47F 1 /-</b>	<b>A61B 34 /-</b>	2016219949	2014332021	<b>A61L 2 /-</b>
<b>A01D 69 /-</b>	2020200722	2016203605	<b>A61J 1 /-</b>	2015220408	2016252618
2018268403	<b>A47F 5 /-</b>	<b>A61B 5 /-</b>	2015374000	2015264362	2016330362
<b>A01K 59 /-</b>	2020200722	2015306728	<b>A61K 31 /-</b>	2015269333	<b>A61L 27 /-</b>
2018274967	<b>A47F 7 /-</b>	2016201690	2014331796	2017229530	2017399481
<b>A01K 61 /-</b>	2020200722	2016203605	2014361800	2018202504	2016289944
2016307084	<b>A47J 27 /-</b>	2016235142	2015202285	2020201858	2018228299
2017254934	<b>A47J 31 /-</b>	2016261228	2015205755	<b>A61K 39 /-</b>	<b>A61M 1 /-</b>
<b>A01K 63 /-</b>	2017276748	2016274615	2015209452	2014332021	2015292343
2016220347	<b>A47J 31 /-</b>	2016277769	2015213878	2014339719	2016236286
<b>A01M 1 /-</b>	2015279403	2016284454	2015214390	2014360426	2016245403
2017301586	2015315370	2016284617	20152236283	2014368450	2016259860
<b>A01N 33 /-</b>	2015363778	2018250405	2015239112	2015202689	2016284617
2016343975	2015379238	<b>A61B 50 /-</b>	2015264362	2015214390	2018278865
<b>A01N 37 /-</b>	<b>A47J 43 /-</b>	2016316974	2015265865	2015220408	2018301784
2016343975	2016229276	<b>A61B 6 /-</b>	2015284782	2015225948	<b>A61M 11 /-</b>
2019208211	2017276748	<b>A61B 6 /-</b>	2015299142	2016332266	2018217292
<b>A01N 59 /-</b>	<b>A47L 15 /-</b>	2016203605	2015359346	2017235069	<b>A61M 13 /-</b>
2016343975	2014405291	2017285943	2015362849	2017264985	2018217321
2019208211	<b>A47L 9 /-</b>	2018219996	2015369712	2018203497	<b>A61M 16 /-</b>
<b>A01N 59 /-</b>	2015382060	<b>A61C 13 /-</b>	2015386039	2018213968	2018217321
2016343975	2017232261	2017238255	2016208015	2019201141	<b>A61M 16 /-</b>
<b>A01P 1 /-</b>	2017258264	<b>A61C 3 /-</b>	2016211292	<b>A61K 45 /-</b>	<b>A61M 16 /-</b>
2016343975	<b>A61B 1 /-</b>	2015202831	2016214492	2015213878	2015268171
<b>A23G 9 /-</b>	2015302333	<b>A61C 7 /-</b>	2016214625	2015220408	2015405351
2015399240	2018204324	<b>A61C 7 /-</b>	2016214849	2017272891	2018203493
<b>A23L 7 /-</b>	2018217321	2015202831	2016229319	<b>A61K 47 /-</b>	<b>A61M 25 /-</b>
2016324524	<b>A61B 17 /-</b>	<b>A61C 7 /-</b>	2016233113	2015213878	2016215229
<b>A42B 3 /-</b>	2015300921	2015202831	2016255431	2016214625	2016259860
2016313226	2015302209	<b>A61D 7 /-</b>	2016268872	2017329957	2016261710
<b>A45D 44 /-</b>	2015346437	<b>A61D 7 /-</b>	2016279661	2017336566	2018202859
2016432058	2016200345	2016201586	2016299614	2018220146	2018217321
<b>A46B 17 /-</b>	2016204293	<b>A61F 11 /-</b>	2016302696	2018260857	<b>A61M 29 /-</b>
2016432058	2016215229	2015301920	2016314345	2019201658	2016215229
<b>A47C 7 /-</b>	2016238332	<b>A61F 13 /-</b>	2016318700	<b>A61K 48 /-</b>	2018202859
2019345334	2016254540	2015292343	2016329261	2014332021	<b>A61M 31 /-</b>
<b>A47D 13 /-</b>	2016259860	2017422277	2016330362	2017272205	2018202859
2015378885	2016263013	<b>A61F 2 /-</b>	2017257496	<b>A61K 51 /-</b>	<b>A61M 37 /-</b>
<b>A47D 7 /-</b>	2016263013	2016250842	2017272891	2018288907	2016201586
2019203160	2018210296	2017323542	2017329957	<b>A61K 8 /-</b>	<b>A61M 39 /-</b>
<b>A61B 18 /-</b>	2018210296	2017422277	2017337946	2014366399	2016214625
2016226262	2018217321	<b>A61F 5 /-</b>	2017348810	2016214625	2017336566
2016235142	2019200639	2014385794	2017371040	2017336566	2018202859
2019203160	2019200888	2018216821	2017399481	2018220146	2018214010
<b>A61B 3 /-</b>	2019203160	<b>A61F 9 /-</b>	2018202544	2018209667	<b>A61M 5 /-</b>
2015360350	<b>A61B 3 /-</b>	2018216821	2018209667	2018219365	2015284181
<b>A61G 10 /-</b>	2016226262	<b>A61F 9 /-</b>	2018222896	2018222896	2015300884
2015360350	2016235142	2017321050	2018238216	2018267660	2015360273
<b>A61G 10 /-</b>	2019203160	<b>A61G 10 /-</b>	2019200171	2019200171	2019219839
2015360350	<b>A61B 3 /-</b>	2015360350	2019226257	2019226257	2019280053
<b>A61K 36 /-</b>	<b>A61B 3 /-</b>	<b>A61G 10 /-</b>	<b>A61K 33 /-</b>	<b>A61K 33 /-</b>	<b>A61N 1 /-</b>
2015284782	2016226262	2017321050	2017371040	2017371040	2015284181
<b>A61K 36 /-</b>	2016235142	<b>A61G 10 /-</b>	<b>A61K 35 /-</b>	<b>A61K 35 /-</b>	2015300884
2015284782	2019203160	2015360350	2014332857	2015213878	2015360273
<b>A61K 36 /-</b>	<b>A61B 3 /-</b>	<b>A61G 10 /-</b>	<b>A61K 36 /-</b>	2016214625	2019219839
2015284782	2016226262	2015360350	2015284782	2016329261	2019280053
<b>A61K 36 /-</b>	2019203160	<b>A61G 10 /-</b>	<b>A61K 36 /-</b>	2017257496	<b>A61N 1 /-</b>
2015284782	<b>A61B 3 /-</b>	2015360350	2015284782	2017329957	2018222896
<b>A61K 36 /-</b>	2019203160	<b>A61G 10 /-</b>	<b>A61K 36 /-</b>	2018222896	
2015284782	<b>A61B 3 /-</b>	2015360350	2015284782		

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2014405934	2016268872		2016220347	<b><u>B22C 3/-</u></b>	
2016219949	2016329261	<b><u>A61Q 19/-</u></b>	2018201744		<b><u>B28B 7/-</u></b>
2016235142				2017238255	
2016261228	<b><u>A61P 29/-</u></b>	2014366399	<b><u>B01D 71/-</u></b>		2019203106
2016274615		2017399481		<b><u>B23D 45/-</u></b>	
	2015265865		2015292907		<b><u>B28C 5/-</u></b>
<b><u>A61N 5/-</u></b>	2016268872	<b><u>A61Q 90/-</u></b>		2018333279	2015274204
			<b><u>B01F 7/-</u></b>	<b><u>B23D 47/-</u></b>	<b><u>B28D 1/-</u></b>
2016256860	<b><u>A61P 3/-</u></b>	2016214625	2015274204		
				2018333279	2016217402
<b><u>A61N 7/-</u></b>	2015299142	<b><u>A62B 18/-</u></b>	<b><u>B01J 13/-</u></b>	<b><u>B23D 59/-</u></b>	<b><u>B28D 7/-</u></b>
	2015359346			2017403004	
2016235142	2016214849	2016313226	2016290784		2016217402
	2017229530	<b><u>A62B 35/-</u></b>	<b><u>B01J 23/-</u></b>	<b><u>B23P 11/-</u></b>	2016217402
<b><u>A61P 1/-</u></b>	2018202504				
	2018202544	2018248054	2016219368	<b><u>B23P 19/-</u></b>	<b><u>B29B 15/-</u></b>
2015284782	2020201858		2016344490		2019202104
2015359346		<b><u>A62B 7/-</u></b>	2016344491	2017360361	
	<b><u>A61P 31/-</u></b>				<b><u>B29C 48/-</u></b>
<b><u>A61P 11/-</u></b>		2016277769	<b><u>B01J 35/-</u></b>	2017360361	2019205991
	2014368450			<b><u>B23Q 15/-</u></b>	<b><u>B29C 70/-</u></b>
2014331796	2016208015	<b><u>A62B 9/-</u></b>	2016344490		2019205991
2015359346			2016344491	<b><u>B23Q 17/-</u></b>	<b><u>B30B 9/-</u></b>
2018202544	<b><u>A61P 35/-</u></b>	2016277769			2018274967
2019200171			<b><u>B01L 1/-</u></b>	2017403004	2019202104
	2014339719	<b><u>A62D 101/-</u></b>			<b><u>B32B 9/-</u></b>
<b><u>A61P 13/-</u></b>	2014368450		2016252618	<b><u>B24B 9/-</u></b>	2019202104
	2015205755	2015323635			<b><u>B32B 17/-</u></b>
2015359346	2015214390	<b><u>A62D 3/-</u></b>	<b><u>B01L 3/-</u></b>	2017403004	
2015386039	2015220408				<b><u>B32B 23/-</u></b>
	2015225948	<b><u>A62D 3/-</u></b>	2015206243	<b><u>B24D 15/-</u></b>	2017261181
<b><u>A61P 15/-</u></b>	2015358532		2017257868		2019203191
	2015359346	2015323635		2015313987	
2015202285	2015369712	2017259118	<b><u>B03D 1/-</u></b>	<b><u>B24D 15/-</u></b>	<b><u>B32B 27/-</u></b>
	2016214492	<b><u>A63B 21/-</u></b>			2019203106
<b><u>A61P 17/-</u></b>	2016228660		2018221279	<b><u>B25C 1/-</u></b>	<b><u>B32B 27/-</u></b>
	2016299614	2014274642			2019203106
2015213878	2016314345	<b><u>A63B 43/-</u></b>	<b><u>B05B 11/-</u></b>	<b><u>B25J 11/-</u></b>	<b><u>B32B 29/-</u></b>
2015359346	2016318700				2019203106
2016214625	2016332266	2014359362	2017277224	<b><u>B25J 19/-</u></b>	<b><u>B32B 33/-</u></b>
2016314345	2017348810	<b><u>A63B 69/-</u></b>			2016201921
2017272891	2018202544		<b><u>B05B 7/-</u></b>	2015382060	<b><u>B32B 37/-</u></b>
2018209667	2020201858	2014359362	2018204753	2017258264	
					<b><u>B32B 37/-</u></b>
<b><u>A61P 19/-</u></b>	<b><u>A61P 37/-</u></b>	<b><u>A63F 1/-</u></b>	<b><u>B05D 1/-</u></b>	<b><u>B25J 19/-</u></b>	<b><u>B32B 29/-</u></b>
					2019203106
2015202689	2015299142	2018214112	2017257868	2017258264	<b><u>B32B 33/-</u></b>
2015359346	2015359346	<b><u>A63F 13/-</u></b>	<b><u>B05D 5/-</u></b>	<b><u>B25J 9/-</u></b>	
2017329957	2016314345				2016201921
2018202544	2016332266	2018204873	2017257868	2015382060	<b><u>B32B 37/-</u></b>
	2018209667	2018205097	<b><u>B07B 1/-</u></b>	2017258264	
<b><u>A61P 21/-</u></b>					2019202104
	<b><u>A61P 39/-</u></b>	<b><u>B01D 11/-</u></b>	2015255301	<b><u>B26B 21/-</u></b>	<b><u>B32B 5/-</u></b>
2015269333			2018202149		2019201306
	2015299142	2015294656		2019201306	<b><u>B27B 3/-</u></b>
<b><u>A61P 25/-</u></b>		2017317418	<b><u>B07B 15/-</u></b>		2015213272
	<b><u>A61P 43/-</u></b>			<b><u>B27B 5/-</u></b>	2017205991
2015239112		<b><u>B01D 24/-</u></b>	2018202149		<b><u>B33Y 40/-</u></b>
2015265865	2016214625			2018333279	
2015359346		2017372226	<b><u>B07C 5/-</u></b>		<b><u>B33Y 70/-</u></b>
2016211292	<b><u>A61P 5/-</u></b>			2018333279	
2016255431		<b><u>B01D 35/-</u></b>	2017403004	<b><u>B28B 1/-</u></b>	2019205991
2016268872	2016318700				2019205991
2016302696	2018202504	<b><u>B01D 39/-</u></b>	<b><u>B09B 3/-</u></b>	<b><u>B28B 3/-</u></b>	<b><u>B60C 11/-</u></b>
2016314345					2019205991
2017329957	<b><u>A61P 7/-</u></b>	2016220347	2015323635	2017238255	
2018202544					
2018238216	2015264362	<b><u>B01D 53/-</u></b>	<b><u>B09C 1/-</u></b>		
	2019201141				
<b><u>A61P 27/-</u></b>	<b><u>A61P 9/-</u></b>	2017232261			
			2017259118		
2014332857	2016214849	2015373475			
2015359346	2017229530				
2016214625					

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<b><u>B60C 23 /-</u></b>		2017372656	<b><u>C04B 14 /-</u></b>		2016211292
2017230741	<b><u>B65D 1 /-</u></b>			<b><u>C07C 7 /-</u></b>	2016228660
	2019203191	<b><u>C01B 3 /-</u></b>	2015323635	2015294656	2016233113
<b><u>B60C 29 /-</u></b>		2016344490	<b><u>C04B 18 /-</u></b>		2016314345
2017230741	<b><u>B65D 19 /-</u></b>	2016344491		<b><u>C07D 209 /-</u></b>	2017337946
	2017360361	<b><u>C01B 33 /-</u></b>	2015323635	2016208015	2017348810
<b><u>B60D 1 /-</u></b>			2018258163		2018288907
2018203180	<b><u>B65D 23 /-</u></b>	2015323635	<b><u>C04B 24 /-</u></b>	<b><u>C07D 211 /-</u></b>	<b><u>C07D 403 /-</u></b>
2018203224	2019203191	<b><u>C01F 5 /-</u></b>	2018258163	2017337946	2015299142
<b><u>B60G 9 /-</u></b>	<b><u>B65D 25 /-</u></b>	2016344491	<b><u>C04B 35 /-</u></b>	<b><u>C07D 213 /-</u></b>	2015358532
2016317417	2019203191	<b><u>C01F 7 /-</u></b>	2018204753	2015306643	2015362849
<b><u>B60L 53 /-</u></b>	<b><u>B65D 33 /-</u></b>	2016344491	<b><u>C06B 21 /-</u></b>	2017348810	2016209349
2017285273	2016316974	<b><u>C01G 3 /-</u></b>	2016290784	2018202544	2016211292
<b><u>B60L 7 /-</u></b>	<b><u>B65D 75 /-</u></b>	2016344491	<b><u>C06B 23 /-</u></b>	<b><u>C07D 215 /-</u></b>	2016228660
2015304095	2016432058	<b><u>C01G 37 /-</u></b>	2015337861	2015369712	2016279661
<b><u>B60P 1 /-</u></b>	<b><u>B65D 85 /-</u></b>	2016344491	<b><u>C06B 31 /-</u></b>	<b><u>C07D 231 /-</u></b>	2017348810
2018203334	2015315370	<b><u>C01G 45 /-</u></b>	2015337861	2018202544	2018209667
	2019200345	2016344491	<b><u>C06B 45 /-</u></b>		<b><u>C07D 405 /-</u></b>
<b><u>B60R 16 /-</u></b>	<b><u>B65G 15 /-</u></b>		2016290784		2015299142
2020201223	2015337855	<b><u>C01G 49 /-</u></b>	<b><u>C07C 13 /-</u></b>	<b><u>C07D 233 /-</u></b>	2016211292
<b><u>B60S 5 /-</u></b>		2016344491		2016318700	2016299614
2017230741	<b><u>B65G 17 /-</u></b>	<b><u>C02F 1 /-</u></b>	2018202544	2018202544	<b><u>C07D 409 /-</u></b>
<b><u>B60T 8 /-</u></b>	2016212416	2017259118	<b><u>C07C 15 /-</u></b>	<b><u>C07D 239 /-</u></b>	2015299142
2017203613	<b><u>B65G 19 /-</u></b>	2019208211		2018202544	2016314345
<b><u>B61L 1 /-</u></b>	2016212416	<b><u>C02F 3 /-</u></b>	2018202544	<b><u>C07D 249 /-</u></b>	2018202544
2015200059	<b><u>B65G 21 /-</u></b>	2016220347	<b><u>C07C 19 /-</u></b>	<b><u>C07D 257 /-</u></b>	<b><u>C07D 417 /-</u></b>
	2015337855	2017259118	2016329261	2016233113	2015265865
<b><u>B61L 25 /-</u></b>	<b><u>B65G 47 /-</u></b>	2017372226	<b><u>C07C 309 /-</u></b>		2015299142
2016202566	2016212416	<b><u>C02F 5 /-</u></b>	2018238216	<b><u>C07D 277 /-</u></b>	2015369712
<b><u>B61L 29 /-</u></b>	<b><u>B65G 9 /-</u></b>	2015322173	<b><u>C07C 39 /-</u></b>	2015265865	2016214492
2015200059	2016212416	2018229266	2016268872	2018202544	2016228660
<b><u>B62D 25 /-</u></b>	<b><u>B66B 13 /-</u></b>		<b><u>C07C 407 /-</u></b>	<b><u>C07D 279 /-</u></b>	2016279661
2016222917	2018263996	<b><u>C03B 23 /-</u></b>	2019208211	2016296221	2016302696
<b><u>B62D 29 /-</u></b>	<b><u>B66B 25 /-</u></b>	2015374000	<b><u>C07C 409 /-</u></b>	<b><u>C07D 295 /-</u></b>	2018202544
2016222917	2017311429	<b><u>C03B 25 /-</u></b>	2019208211		<b><u>C07D 487 /-</u></b>
<b><u>B62D 35 /-</u></b>	<b><u>B66B 5 /-</u></b>	2015374000	<b><u>C07C 43 /-</u></b>	2016301055	2015299142
2017366558	2017311429	2017429907	2016280054	2018202544	2016228660
<b><u>B63B 1 /-</u></b>	<b><u>B66F 17 /-</u></b>	2019203191	<b><u>C07C 59 /-</u></b>	<b><u>C07D 307 /-</u></b>	2016255431
2019202330	2015305672	<b><u>C03C 21 /-</u></b>	2019226257	2018202544	2016279661
<b><u>B63H 1 /-</u></b>	<b><u>B66F 9 /-</u></b>	2015374000	<b><u>C07C 67 /-</u></b>	<b><u>C07D 311 /-</u></b>	2016314345
2019203143	2016258120	2019203191	2016214849	2016268872	<b><u>C07D 491 /-</u></b>
<b><u>B65B 9 /-</u></b>	<b><u>C01B 13 /-</u></b>	<b><u>C03C 23 /-</u></b>	<b><u>C07C 69 /-</u></b>	<b><u>C07D 333 /-</u></b>	2015386039
2019201894		2015374000	2016214849	2018202544	<b><u>C07D 495 /-</u></b>
				2015299142	2015386039
				2015369712	<b><u>C07D 498 /-</u></b>
					2016228660
					2016314345

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<u>C07H 19 /-</u>	<u>C08L 27 /-</u>	2016280054	2018260893	<u>D04B 1 /-</u>	<u>E04G 13 /-</u>
2016229319	2019219839	<u>C10N 30 /-</u>	<u>C12P 19 /-</u>	2019202104	2014240183
<u>C07H 21 /-</u>	<u>C08L 29 /-</u>	2016280054	2015327862	<u>D04H 1 /-</u>	<u>E04G 15 /-</u>
2015350001	2016268491	<u>C10N 40 /-</u>	<u>C12Q 1 /-</u>	2017205991	2014240183
2017272205	2019204536	2016280054	2014308794	<u>D04H 3 /-</u>	<u>E04G 21 /-</u>
<u>C07K 14 /-</u>	<u>C08L 53 /-</u>	<u>C11B 11 /-</u>	2014336960	2017205991	2015299441
2016332266	2019219839	2018274967	2016364817	<u>D06F 37 /-</u>	<u>E04G 3 /-</u>
2017235069	<u>C08L 67 /-</u>	<u>C11B 3 /-</u>	2017268578	2017309083	2018263996
2019203159	<u>C08L 71 /-</u>	2017308005	2018204200	2019200385	
<u>C07K 16 /-</u>	2016268491	<u>C11D 1 /-</u>	2016357567	<u>D06F 39 /-</u>	<u>E04H 6 /-</u>
2014339719	<u>C08L 71 /-</u>	<u>C11D 11 /-</u>	<u>C22B 1 /-</u>	2017309083	2016228964
2014368450	2019204543	2016211912	2015274204	2019200385	<u>E05B 15 /-</u>
2015202689	<u>C09D 179 /-</u>	<u>C11D 11 /-</u>	2018221279	<u>D06M 15 /-</u>	2015204368
2015205755	2019203191	2016211912	<u>C22B 3 /-</u>	2014366399	<u>E05D 11 /-</u>
2015214390	<u>C09K 17 /-</u>	<u>C11D 17 /-</u>	2017317418	<u>D06N 7 /-</u>	2019262093
2015225948	2017257868	2014366399	<u>C22B 59 /-</u>	2015322173	<u>E05D 7 /-</u>
2015226100	<u>C09K 3 /-</u>	<u>C11D 3 /-</u>	2017317418	<u>E01C 19 /-</u>	2019262093
2015261536	2018258163	2016211912	<u>C23C 4 /-</u>	2018282311	<u>E05F 1 /-</u>
2017264985	<u>C09K 8 /-</u>	<u>C11D 7 /-</u>	2018204753	<u>E02D 29 /-</u>	2017249991
2018203934	2015402147	2016211912	<u>C23F 11 /-</u>	2016340015	<u>E05F 15 /-</u>
2018204173	<u>C10G 1 /-</u>	<u>C12M 1 /-</u>	2018229266	<u>E02D 3 /-</u>	2017249991
2019201141	2015274204	2015206243	<u>C25B 1 /-</u>	2017218639	<u>E05F 3 /-</u>
<u>C07K 19 /-</u>	<u>C10G 21 /-</u>	2016220347	2016294487	2018250475	2019262093
2015269333	2015294656	2016289944	2018217292	<u>E02D 5 /-</u>	<u>E06B 1 /-</u>
<u>C07K 7 /-</u>	<u>C10G 53 /-</u>	<u>C12M 3 /-</u>	<u>C25B 9 /-</u>	2016340015	2015299441
2018220146	2015294656	2016289944	2018217292	2017218639	<u>E06B 9 /-</u>
2018260893	<u>C10K 1 /-</u>	<u>C12N 1 /-</u>	<u>C25C 3 /-</u>	<u>E04B 1 /-</u>	2018208618
<u>C08G 18 /-</u>	2015294656	2016357567	2017212520	2016228964	<u>E21B 10 /-</u>
2016219368	<u>C10L 3 /-</u>	2018258163	<u>C25C 7 /-</u>	2020201481	2015345988
<u>C08G 59 /-</u>	2016294487	2019203159	2017212520	<u>E04B 5 /-</u>	<u>E21B 17 /-</u>
2016219368	<u>C10L 5 /-</u>	<u>C12N 15 /-</u>	<u>C25D 13 /-</u>	2014240183	2018231464
<u>C08J 3 /-</u>	2016266725	2014326975	2016219368	<u>E04B 9 /-</u>	2018282492
2019204536	<u>C10M 103 /-</u>	2014327258	<u>C40B 30 /-</u>	2020201481	<u>E21B 19 /-</u>
2019204543	2017238255	2014332857	2018212019	<u>E04C 2 /-</u>	2018282492
<u>C08J 5 /-</u>	<u>C10L 3 /-</u>	2014339719	2015269333	2014414422	<u>E21B 21 /-</u>
2016243241	2016294487	2015269333	2016332266	<u>E04C 3 /-</u>	2015345988
<u>C08J 7 /-</u>	<u>C10L 5 /-</u>	2016332266	2017268578	2016228964	<u>E21B 29 /-</u>
2016243241	2016266725	2017268578	2018220146	2018326294	2017350520
<u>C08K 5 /-</u>	<u>C10M 103 /-</u>	2018220146	2019201141	<u>E04F 13 /-</u>	<u>E21B 33 /-</u>
2019219839	2017238255	2019201141	<u>C12N 15 /-</u>	<u>E04F 21 /-</u>	
<u>C08L 1 /-</u>	<u>C10M 105 /-</u>	<u>C12N 5 /-</u>	2014326975	2015299441	
2014327258	2016280054	<u>D01D 10 /-</u>	2014327258		
2019204536	<u>C10M 133 /-</u>	<u>D01D 5 /-</u>	2014332857		
<u>C08L 23 /-</u>	2016235352	<u>D03D 25 /-</u>	2017235069		
2016268491	<u>C10N 20 /-</u>	<u>D03D 25 /-</u>	2018220146		
2017365191			2019201104		
2019219839		<u>C12N 9 /-</u>	2019202104		
		2014327258			

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2017350520	<b><u>F16L 15/-</u></b>		2018203757		
<b><u>E21B 4/-</u></b>	2018231464	<b><u>G01H 5/-</u></b>		<b><u>G02B 6/-</u></b>	<b><u>G09G 5/-</u></b>
2015345988	<b><u>F16L 17/-</u></b>	2015268171		2017374541	2018271226
<b><u>E21B 43/-</u></b>	2018204438	<b><u>G01J 1/-</u></b>	2015204341		2018289853
2017334363	<b><u>F16L 3/-</u></b>	2018212019	2016211698	<b><u>G06K 7/-</u></b>	<b><u>G10H 3/-</u></b>
<b><u>E21B 7/-</u></b>	2018374069	<b><u>G01N 1/-</u></b>	2016424753	2016258120	
2015345988	<b><u>F16L 37/-</u></b>	2018204780		2019201968	2019202475
2017350520	2015301457	<b><u>G01N 15/-</u></b>	<b><u>G02F 1/-</u></b>		
<b><u>E21C 25/-</u></b>	<b><u>F17C 1/-</u></b>	2018206722	2017261181	<b><u>G06K 9/-</u></b>	<b><u>G10L 15/-</u></b>
2016228603	2016201921	<b><u>G01N 21/-</u></b>		2016201690	2016202381
<b><u>E21C 27/-</u></b>	<b><u>F17C 13/-</u></b>	2017378148	<b><u>G05B 19/-</u></b>	2016202566	2017286519
2016228603	2018341976	2018212019	2017403004	2018262947	
<b><u>E21C 29/-</u></b>	<b><u>F21V 21/-</u></b>	<b><u>G01N 23/-</u></b>	<b><u>G05D 1/-</u></b>	2019216639	<b><u>G10L 21/-</u></b>
2015324922	2015247456	2019204372		<b><u>G06N 3/-</u></b>	2017286519
<b><u>E21C 35/-</u></b>	<b><u>F24F 13/-</u></b>	<b><u>G01N 25/-</u></b>	2015382060	2018271931	<b><u>G11B 20/-</u></b>
2016228603	2018246201	2017403004	2019202713	<b><u>G06N 5/-</u></b>	2014340178
2017363908	2018246201	<b><u>G01N 27/-</u></b>	<b><u>G06F 1/-</u></b>	2019216639	<b><u>G11B 3/-</u></b>
<b><u>E21C 41/-</u></b>	<b><u>F24F 3/-</u></b>	2015266877	2017214784	<b><u>G06N 99/-</u></b>	2017229527
2015324922	2016252618	<b><u>G01N 29/-</u></b>	<b><u>G06F 11/-</u></b>	2016432315	<b><u>G16B 30/-</u></b>
<b><u>E21D 11/-</u></b>	<b><u>F24F 5/-</u></b>	2015268171	2015201561	<b><u>G06Q 10/-</u></b>	2014308794
2020201435	2018286567	<b><u>G01N 30/-</u></b>	2018204318	2019216639	<b><u>G16H 20/-</u></b>
<b><u>E21D 23/-</u></b>	<b><u>F25B 9/-</u></b>	2017378148	<b><u>G06F 12/-</u></b>	<b><u>G06Q 50/-</u></b>	2018275691
2019200996	2017373437	<b><u>G01N 33/-</u></b>	2017325800	2019202713	<b><u>G16H 40/-</u></b>
<b><u>E21F 13/-</u></b>	<b><u>F25D 23/-</u></b>	2014229984	<b><u>G06F 15/-</u></b>	<b><u>G06T 1/-</u></b>	2018202494
2015337855	2018219965	2014298371	2018204318	2017316861	<b><u>G16H 50/-</u></b>
<b><u>F01M 11/-</u></b>	<b><u>F25J 1/-</u></b>	2014308794	2018226460	<b><u>G06T 13/-</u></b>	2018202494
2018333279	2017373437	2014357446	2019203412	<b><u>G06T 17/-</u></b>	2018202494
<b><u>F02B 75/-</u></b>	<b><u>F28D 5/-</u></b>	2015202689	<b><u>G06F 16/-</u></b>	2017330212	<b><u>G21G 1/-</u></b>
2018333279	2018286567	2015308950	2018250509	<b><u>G06T 19/-</u></b>	2016256860
<b><u>F03D 13/-</u></b>	<b><u>F42D 1/-</u></b>	2017268578	<b><u>G06F 17/-</u></b>	2017330212	<b><u>G21G 4/-</u></b>
2018386356	2017361560	2017403004	<b><u>G06F 21/-</u></b>	<b><u>G06T 19/-</u></b>	2016256860
<b><u>F03D 80/-</u></b>	<b><u>G01C 21/-</u></b>	<b><u>G01N 35/-</u></b>	2017321618	2017330212	<b><u>H01F 3/-</u></b>
2018386356	2017345227	2018204780	<b><u>G06F 3/-</u></b>	2017330428	2015266877
<b><u>F16B 1/-</u></b>	2019201245	<b><u>G01R 31/-</u></b>	2015301971	2018336341	<b><u>H01L 51/-</u></b>
2018326294	<b><u>G01F 1/-</u></b>	2015200059	2017330428	<b><u>G06T 7/-</u></b>	2017385760
<b><u>F16D 55/-</u></b>	2016277769	<b><u>G01T 1/-</u></b>	2018202847	2016202566	
2016317417	<b><u>G01F 15/-</u></b>	2018212019	2018260958	2017330212	<b><u>H01M 2/-</u></b>
<b><u>F16G 11/-</u></b>	2016277769	<b><u>G01V 1/-</u></b>	2018271226	2019204372	2015328395
2014359362	<b><u>G01F 23/-</u></b>	2017363224	2018336341	<b><u>G06T 9/-</u></b>	2018204251
	<b><u>G01V 15/-</u></b>	<b><u>G02B 27/-</u></b>	2019200030	2018219996	<b><u>H01M 4/-</u></b>
	<b><u>G02B 27/-</u></b>	2017330428	2019200701	<b><u>G07C 9/-</u></b>	2015328395
			<b><u>G06F 30/-</u></b>	2017358533	<b><u>H01M 8/-</u></b>
			2019216639	<b><u>G08G 1/-</u></b>	2015328395
			<b><u>G06F 9/-</u></b>	2015200059	<b><u>H01R 13/-</u></b>
			2017325800	<b><u>G09F 3/-</u></b>	2016211698
			2019200701		2017203613
			<b><u>G06K 17/-</u></b>		
			2016258120		
				2016316974	

Applications Accepted - IPC Index cont'd

<b>H02G 3 /-</b>	2016331870	2019200256
2018374069	<b>H04L 29 /-</b>	2019201071
<b>H02J 1 /-</b>	2017235238	<b>H04W 74 /-</b>
2020201223	2017275376	2016229175
<b>H02J 7 /-</b>	2017314341	2017333946
2020201223	2018241037	<b>H04W 8 /-</b>
<b>H02J 9 /-</b>	2019200652	2019200256
2017214784	2019203412	<b>H04W 84 /-</b>
<b>H02K 11 /-</b>	<b>H04L 5 /-</b>	2019200256
2015348044	2016297067	<b>H05B 6 /-</b>
<b>H02K 21 /-</b>	2019201071	2015207975
2015348044	<b>H04L 9 /-</b>	<b>H05H 6 /-</b>
<b>H02K 49 /-</b>	2015349886	2016256860
2015304095	<b>H04N 13 /-</b>	<b>H05K 5 /-</b>
<b>H02M 5 /-</b>	2018203757	2019200345
2017337434	<b>H04N 19 /-</b>	
<b>H02M 7 /-</b>	2018286602	
2017337434	<b>H04N 21 /-</b>	
<b>H03K 3 /-</b>	2018289853	
2017360505	<b>H04N 5 /-</b>	
<b>H03M 1 /-</b>	2017316861	
2014340178	<b>H04N 7 /-</b>	
<b>H04B 1 /-</b>	2018289853	
2017358533	<b>H04R 25 /-</b>	
<b>H04B 3 /-</b>	2017286519	
2014340178	<b>H04W 12 /-</b>	
<b>H04J 11 /-</b>	2017358533	
2016331870	<b>H04W 36 /-</b>	
<b>H04J 14 /-</b>	2017355140	
2019261725	<b>H04W 4 /-</b>	
<b>H04L 1 /-</b>	2016415048	
2016229175	2017275376	
2019201071	2017358533	
<b>H04L 12 /-</b>	2018247240	
2015201561	2019201245	
2016330769	2019202185	
2017235238	<b>H04W 52 /-</b>	
2019200652	2016229175	
2019203412	<b>H04W 56 /-</b>	
<b>H04L 27 /-</b>	2016331870	
	<b>H04W 64 /-</b>	
	2017345227	
	<b>H04W 72 /-</b>	

**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) Beijing Ruicao Technology Co., Ltd  
(11) AU-B-2019101031  
(21) 2019101031 (22) 09.09.2019  
(54) Compound American ginseng royal jelly  
oral liquid for treating deficiency of blood  
and preparation method thereof  
(51) Int. Cl.  
A61K 36/258 ( 2006.01 )  
A61K 35/644 ( 2015.01 )  
A61K 36/79 ( 2006.01 )  
(31) 2018113468662 (32) 13.11.18 (33) CN  
(45) 07.05.2020  
(72) Sun, Zaiming; Sun, Sinan  
(74) Beijing Ruicao Technology Co., Ltd

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(71) DAIP PTY. LTD.  
(11) AU-B-2019101648  
(21) 2019101648 (22) 19.12.2019  
(54) AUTOMATED ROLLER COVER FOR  
TRAY BACK VEHICLE CONTROL-  
TABLE WITH ONE OR MORE SOFT-  
WARE APPLICATION OPERATIVELY  
INSTALLED ON A PERSONAL COM-  
PUTING DEVICE  
(51) Int. Cl.  
B60P 7/04 ( 2006.01 )  
B60J 7/06 ( 2006.01 )  
(45) 07.05.2020  
(62) 2018208776,2019283810  
(72) AIMAQ, Masood; DOST, Omer  
(74) Houlihan? Pty Ltd

**Numerical Index**

**2019101031** Beijing Ruicao Technology Co., Ltd  
**2019101648** DAIP PTY. LTD.



IPC Index

A61K 35 /-

2019101031

A61K 36 /-

2019101031

B60J 7 /-

2019101648

B60P 7 /-

2019101648

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Dismissed**

2017206203 **Visa U.S.A. Inc.** ( Global Blue SA )

**Patents Granted**

**Standard Patents**

2014364921 2014365851 2016200180 2016262734  
2017213239 2018202829

**Innovation Patents**

2015101982 2018102151 2018102163 2020100374  
2020100381 2020100434 2020100439 2020100441  
2020100442 2020100449 2020100451 2020100461  
2020100464 2020100470 2020100472 2020100473  
2020100476 2020100478

**Assignments Registered**

2001038289 GlaxoSmithKline LLC The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2001284704 GlaxoSmithKline LLC The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2003296329 Apprise Technologies, Inc. The patent has been assigned to **Ecolab USA Inc.**

2003300510 GlaxoSmithKline Consumer Healthcare GmbH & Co KG  
The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2004273613 Glaxo Group Limited The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2005220030 GlaxoSmithKline Consumer Healthcare GmbH & Co KG  
The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2005225029 Apprise Technologies, Inc. The patent has been assigned to **Ecolab USA Inc.**

2005268926 Glaxo Group Limited; GlaxoSmithKline Consumer Healthcare GmbH & Co KG. The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2005302618 Novartis AG The patent has been assigned to **GSK Consumer Healthcare S.A.**

2006218023 GlaxoSmithKline Consumer Healthcare GmbH & Co KG  
The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2006226505 Glaxo Group Limited The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2006245974 Novartis AG The patent has been assigned to **GSK Consumer Healthcare S.A.**

2006292604 Novartis AG The patent has been assigned to **GSK Consumer Healthcare S.A.**

2006298748 Novartis AG The patent has been assigned to **GSK Consumer Healthcare S.A.**

2007227614 Novartis AG The patent has been assigned to **GSK Consumer Healthcare S.A.**

**Assignments Registered**

2007230788 GlaxoSmithKline LLC The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2007255197 Practical Law Company Limited The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2007314085 Jarrott, Bevyn The patent has been assigned to **Vailima Peninsula Pty Ltd**

2008223058 Johnson Controls Technology Company The patent has been assigned to **CPS Technology Holdings LLC**

2008241974 Nippon Suisan Kaisha, Ltd.; National University Corporation Tokyo University of Marine Science and Technology The patent has been assigned to **Nippon Suisan Kaisha, Ltd.**

2008317737 Novartis AG The patent has been assigned to **GSK Consumer Healthcare S.A.**

2008323993 GlaxoSmithKline LLC The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2009204905 Novartis AG The patent has been assigned to **GSK Consumer Healthcare S.A.**

2009213018 Tyco Electronics Services GmbH The patent has been assigned to **CommScope Technologies LLC**

2009267077 Johnson Controls Technology Company The patent has been assigned to **CPS Technology Holdings LLC**

2009326295 Glaxo Group Limited The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2009327193 GlaxoSmithKline Consumer Healthcare GmbH & Co. KG  
The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2009327195 GlaxoSmithKline Consumer Healthcare GmbH & Co. KG  
The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2010295494 Allergan Pharmaceuticals International Limited The patent has been assigned to **Allergan Therapeutics LLC**

2011234605 Glaxo Group Limited The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2011306914 GlaxoSmithKline Consumer Healthcare GmbH & Co. KG  
The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2011309763 Allergan Pharmaceuticals International Limited The patent has been assigned to **Allergan Therapeutics LLC**

2011352114 Oceanspar, Inc The patent has been assigned to **InnovaSea Systems, Inc.**

2012203523 Practical Law Company Limited The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2012214677 Integrated BioTherapeutics, Inc. The patent has been assigned to **INTEGRATED BIOTHERAPEUTICS VACCINES, INC.**

2012224623 GlaxoSmithKline Consumer Healthcare GmbH & Co. KG  
The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2012253834 GlaxoSmithKline LLC The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2012292964 IP Reserve Pty Ltd The patent has been assigned to **POOL-RITE IP PTY LTD**

**Assignments Registered**

2012293696 Glaxo Group Limited The patent has been assigned to **Glaxo-SmithKline Consumer Healthcare (UK) IP Limited**

2012330433 GlaxoSmithKline Consumer Healthcare GmbH & Co. KG The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2013201317 GlaxoSmithKline LLC The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2013271596 Johnson Controls Technology Company The patent has been assigned to **CPS Technology Holdings LLC**

2013399515 Glaxo Group Limited The patent has been assigned to **Block Drug Company Inc**

2013402762 Dynatest International A/S The patent has been assigned to **Dynatest A/S**

2014222418 Pfizer Inc. The patent has been assigned to **PF Consumer Healthcare 1 LLC**

2014227508 Practical Law Company Limited The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2014243839 Eleven Biotherapeutics, Inc. The patent has been assigned to **Buzzard Pharmaceuticals AB**

2014253526 Allergan Pharmaceuticals International Limited The patent has been assigned to **Allergan Therapeutics LLC**

2014369316 Pfizer Inc. The patent has been assigned to **PF Consumer Healthcare 1 LLC**

2015203907 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015229638 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015229967 Intel IP Corporation; Intel Corporation The patent has been assigned to **Apple Inc.**

2015231953 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015243026 Allergan Pharmaceuticals International Limited The patent has been assigned to **Allergan Therapeutics LLC**

2015255767 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015255871 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015256474 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015265644 SEBL Group Limited The patent has been assigned to **SMILE LAB SOLUTIONS LIMITED**

2015271124 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015292253 Kirchdorfer Fertigteilvertrieb GmbH The patent has been assigned to **DELTA BLOC International GmbH**

2015328644 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2015395583 Tumanova, Alla; Petrichenko, Valeriya The patent has been assigned to **Petrichenko, Valeriya**

**Assignments Registered**

2016208390 Pfizer Inc. The patent has been assigned to **PF Consumer Healthcare 1 LLC**

2016213845 Eleven Biotherapeutics, Inc. The patent has been assigned to **Buzzard Pharmaceuticals AB**

2016216662 Allergan Pharmaceuticals International Limited The patent has been assigned to **Allergan Therapeutics LLC**

2016239198 JENOPTIK Robot GmbH The patent has been assigned to **JENOPTIK Traffic Solutions UK Ltd**

2016246603 Arthus Biosystems LLC The patent has been assigned to **Hunan SkyWorld Biotechnologies Co. Ltd**

2016262727 Practical Law Company Limited The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2017101110 IP Reserve Pty Ltd The patent has been assigned to **POOL-RITE IP PTY LTD**

2018201711 Intel IP Corporation The patent has been assigned to **Apple Inc.**

2018267603 The Markov Corporation The patent has been assigned to **Markov LLC**

2019100389 Shenzhen Cooperation Technology Co., Ltd. The patent has been assigned to **ZHANG, Yunyi**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2008255157 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 20 Mar 2020

For the goods PIQRAY alpelisib

2009290904 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 20 Mar 2020

For the goods PIQRAY alpelisib

**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.

2008255157 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 20 Mar 2020

For the goods PIQRAY alpelisib

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

2017203087 **The Trustees of the University of Pennsylvania**

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

For the goods KYMRIA Tisagenlecleucel

Address for service : Davies Collison Cave Pty Ltd 1 Nicholson Street Melbourne VIC 3000 AU

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

**Corrigenda**

In Vol 34 , No 16 , Page(s) 2278 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Gritstone Oncology, Inc., Application No. 2018328220, under INID (72) correct the co-inventor to DAVIS, Matthew Joseph

In Vol 34 , No 16 , Page(s) 2300 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The Regents of The University of Colorado, Application No. 2018345673, under INID (71) add co-applicants Steep Hill, Inc.

In Vol 34 , No 17 , Page(s) 2357 under the heading **Amendments - Application for Amendments** Under the name GB Design Limited, Patent No. 2004290566 correct the date of statements filed to read 19 August 2019 and 08 October 2019

In Vol 34 , No 17 , Page(s) 2360 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2020** Under the name Guilin University of Electronic Technology, Application No. 2020100483, under INID (71) correct applicant to read Guilin University of Electronic Technology and LIBO YUAN

In Vol 34 , No 17 , Page(s) 2387 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Cstone Pharmaceutical (Suzhou) Co., Ltd.; Cstone Pharmaceuticals (Shanghai) Co., Ltd.; Cstone Pharmaceuticals, Application No. 2018341781, under INID (71) correct the co-applicant name to Cstone Pharmaceuticals (Suzhou) Co., Ltd.; under INID (54) correct the title to read Fused ring derivative as A2A receptor inhibitor

In Vol 34 , No 17 , Page(s) 2406 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Vertex Pharmaceuticals Incorporated, Application No. 2018351533, Under INID (72) add co-inventor CHEN, Weichao George; HASELTINE, Eric L.; MOSKOWITZ, Samuel; ROBERTSON, Sarah; ROBERTSON, Sarah

In Vol 34 , No 8 , Page(s) 1137 under the heading **Amendments - Application for Amendments** Under the name Caterpillar Inc., Patent No. 2001073400 correct the date of statements filed to read 21 Nov 2019 and 31 Jan 2019

In Vol 34 , No 8 , Page(s) 1202 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Nutech Ventures, Inc. Application No. 2018321972, under INID (72) correct the co-inventor to RASMUSSEN, Jennifer Dawn

**Specifications Republished**

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

- 2009225257 **BLUESCOPE STEEL LIMITED**
- 2009225258 **BLUESCOPE STEEL LIMITED**
- 2014337291 **Eisai R&D Management Co., Ltd.**
- 2015341572 **Optibiotix Limited**
- 2018200619 **Mesoblast International Sarl**
- 2019100929 **Jiangsu SMTP Technology Co., Ltd.**