



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

*For Information on the following please see our website [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

## 'INID' NUMBERS in use on Australian Patent Documents

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

**(70) Identification of parties concerned with the document**

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Jan 2019 .

(71) Abergeldie Complex Infrastructure Pty Ltd (21) 2019900222 (22) 24.01.2019 (54) Pipe Installation System and Method	(71) Boyle, N. (21) 2019900231 (22) 25.01.2019 (54) A driverless impact attenuating traffic management vehicle	(71) CRICDOC PTY. LTD. (21) 2019900248 (22) 28.01.2019 (54) Bowler Mate: At CricDoc, we are working towards developing a smart health platform to help players and clubs in monitoring real time workloads. The platform is built with new age algorithms that interface with sensors and our smart watches app to calculate bowling speed and counts for assessing bowling workload for fast bowlers. The smart watch app collects sensor data of bowler's arm movement and stream it to the cloud server where the data is assessed and analyzed. These results are then re-transmitted back to the bowler as well as the club's database.
(71) ABLATION GEN 2 PTY LTD (21) 2019900214 (22) 23.01.2019 (54) DEVICES AND METHODS FOR ABLATING TISSUE	(71) Breville Pty Limited (21) 2019900220 (22) 24.01.2019 (54) Hinge for a cooking appliance	
(71) AC Industries Pty Ltd (21) 2019900203 (22) 23.01.2019 (54) A duct segment	(71) Breville Pty Limited (21) 2019900221 (22) 24.01.2019 (54) User interface for a cooking appliance	
(71) ASAP BreatheAssist Pty Ltd (21) 2019900241 (22) 25.01.2019 (54) Nasal Dilator Devices	(71) Cellr Pty Ltd (21) 2019900213 (22) 23.01.2019 (54) Beverage producer authenticity verification method and system	(71) Dower, W. (21) 2019900212 (22) 23.01.2019 (54) A virtual keyboard system
<b>Baska, M. see Baska, K.</b> (21) 2019900204	(71) Chambers, C. (21) 2019900211 (22) 23.01.2019 (54) AERIAL VEHICLE AND METHOD FOR SUPPRESSING FIRES	(71) Emelem Pty Ltd (21) 2019900225 (22) 24.01.2019 (54) SYSTEM AND METHOD FOR DISSEMINATING INFORMATION TO CONSUMERS
(71) Baska, K.; Baska, M. (21) 2019900204 (22) 23.01.2019 (54) A device for maintaining an airway in a patient	(71) Circulatory Support Technologies Pty Ltd (21) 2019900230 (22) 25.01.2019 (54) A medical device and system thereof	(71) Falkiner, C. (21) 2019900238 (22) 25.01.2019 (54) An Outdoor Pedestrian Navigation System
(71) Baymatob Pty Ltd (21) 2019900236 (22) 25.01.2019 (54) Devices, systems, methods and assemblies for medical electrodes	<b>Coleman, W. see Vowles, R.</b> (21) 2019900199	(71) Fraser, M. (21) 2019900194 (22) 22.01.2019 (54) A portable shelter
(71) Baymatob Pty Ltd (21) 2019900237 (22) 25.01.2019 (54) Electrode assembly and methods	(71) Coma, A. (21) 2019900206 (22) 20.01.2019 (54) MOZI Dome Trap	
(71) Border, R. (21) 2019900198 (22) 22.01.2019 (54) AN APPARATUS AND METHOD FOR SECURING PAPER DOCUMENTS	(71) Coma, A. (21) 2019900207 (22) 20.01.2019 (54) Street light zapper	(71) Genesis Airway Innovations Pty Ltd (21) 2019900208 (22) 23.01.2019 (54) Intubation apparatus and method of use

Provisional Applications Filed - Name Index cont'd

(71) Haddock, D.; Lucas, M.  
(21) 2019900193 (22) 22.01.2019  
(54) SECURE LIST PROVISION AND ACCESS

(71) Haplomic Technologies Pty Ltd  
(21) 2019900210 (22) 23.01.2019  
(54) Microfluidic device

Hassan Sadek, N. see Hegab, A.S.  
(21) 2019900205

(71) Hegab, A.S.; Hassan Sadek, N.  
(21) 2019900205 (22) 23.01.2019  
(54) Method for Generating Before and After Photos

(71) Illinois Tool Works Inc.  
(21) 2019900219 (22) 24.01.2019  
(54) Coupler for threaded reinforcing bar

(71) Innerflame Pty Ltd  
(21) 2019900215 (22) 24.01.2019  
(54) Heating device

(71) Insurance Australia Limited  
(21) 2019900217 (22) 24.01.2019  
(54) Flexible working software

(71) KADMONSTA PTY. LTD.  
(21) 2019900247 (22) 28.01.2019  
(54) Portable Probe Tester for Fuel Tankers

(71) Landis & Gyr Pty Ltd  
(21) 2019900187 (22) 18.01.2019  
(54) An Adaptor for a Meter Device Installation

Lucas, M. see Haddock, D.  
(21) 2019900193

(71) McKee, B.  
(21) 2019900227 (22) 24.01.2019  
(54) Fence Decoration and Cover Panels

(71) McKee, B.  
(21) 2019900228 (22) 24.01.2019  
(54) Fence Covers

(71) MONAGHAN, J.  
(21) 2019900173 (22) 21.01.2019  
(54) cool brim a hard hat brim attachment that lets the wearer feel heat respite with a cool air flow for use in any working environment with a downward surge of cool air over face and body

(71) Monash University  
(21) 2019900197 (22) 22.01.2019  
(54) Modified angiotensin receptor agonists and uses thereof

(71) Murray, A.  
(21) 2019900232 (22) 25.01.2019  
(54) A reusable drinking cup assembly

(71) Neptune Bio-Innovations Pty Ltd  
(21) 2019900202 (22) 22.01.2019  
(54) COMPOSITIONS COMPRISING TURMERIC EXTRACTS

(71) Niagara Australia Pty Ltd  
(21) 2019900239 (22) 25.01.2019  
(54) Support Cushion

(71) OSullivan, C.  
(21) 2019900246 (22) 28.01.2019  
(54) Australian Mini Sporting Collectables

(71) Peretz, G.  
(21) 2019900234 (22) 25.01.2019  
(54) Curbside bin securement apparatus

(71) project global awareness pty ltd  
(21) 2019900216 (22) 24.01.2019  
(54) MyChi Natural Headache Neck Shoulder Stress Relief and Tension Release Device is a portable, adjustable, self-administered massage and tension release unit. MyChi focuses on two of the main meridians along below the skull. Applying pressure to these meridians with MyChi, releases the tension. It focuses on the 3 top vertebrae of the spine. Apply pressure release tension creates relaxation and activates the parasympathetic nervous system.

(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd.  
(21) 2019900209 (22) 23.01.2019  
(54) A thermostatic device

(71) RR MEDSCIENCES PTY LTD  
(21) 2019900251 (22) 28.01.2019  
(54) ANTI-INFLAMMATORY COMPOSITIONS AND METHODS

(71) Sartipi, F.  
(21) 2019900243 (22) 25.01.2019  
(54) Concrete green solution: CO2 chemical admixture

(71) Schneider, T.  
(21) 2019900252 (22) 29.01.2019  
(54) A MULTIPURPOSE GARMENT

(71) SDIP Holdings Pty Ltd  
(21) 2019900229 (22) 25.01.2019  
(54) DEVICES AND PROCESSING SYSTEMS CONFIGURED TO ENABLE PHYSIOLOGICAL EVENT PREDICTION BASED ON BLEPHARONIC ANALYSIS

(71) Smith, R.  
(21) 2019900200 (22) 22.01.2019  
(54) A BOOK

(71) Smith, D.  
(21) 2019900233 (22) 25.01.2019  
(54) A golf club swing arm restraint training aid

(71) Southern Waste Solutions (Trading Name), Copping Refuse Disposal Site Joint Authority  
(21) 2019900235 (22) 25.01.2019  
(54) Evaporation unit and system

(71) Spark, I.  
(21) 2019900250 (22) 28.01.2019  
(54) Improved Articulated Vehicle

(71) The Australian National University  
(21) 2019900240 (22) 25.01.2019  
(54) Encapsulated cells

(71) The University Of Queensland  
(21) 2019900226 (22) 24.01.2019  
(54) A CYCLIC PEPTIDE

(71) Varden Process Pty Ltd  
(21) 2019900218 (22) 24.01.2019  
(54) Moulded Pulp Fibre Product Forming Apparatus and Process

(71) Vincent Buda & Co Pty Ltd  
(21) 2019900242 (22) 25.01.2019  
(54) A Lintel

(71) Vowles, R.; Coleman, W.  
(21) 2019900199 (22) 22.01.2019  
(54) Device for Making Anastomoses in Small Blood Vessels

(71) WADDELL, S.  
(21) 2019900201 (22) 22.01.2019  
(54) PetLoo All in one self cleaning pet toilet, self-cleans & disposes pet waste & water.

(71) Weeks, K.  
(21) 2019900224 (22) 24.01.2019  
(54) Multihull Sailing Vessel

Provisional Applications Filed - Name Index cont'd

(71) Zingit Technologies Pty Ltd  
(21) 2019900223 (22) 24.01.2019  
(54) IMPROVED RAZOR AND RAZOR  
HANDLE

Numerical Index

2019900173	MONAGHAN, J.
2019900187	Landis & Gyr Pty Ltd
2019900193	Haddock, D.; Lucas, M.
2019900194	Fraser, M.
2019900197	Monash University
2019900198	Border, R.
2019900199	Vowles, R.; Coleman, W.
2019900200	Smith, R.
2019900201	WADDELL, S.
2019900202	Neptune Bio-Innovations Pty Ltd
2019900203	AC Industries Pty Ltd
2019900204	Baska, K.; Baska, M.
2019900205	Hegab, A.S.; Hassan Sadek, N.
2019900206	Coma, A.
2019900207	Coma, A.
2019900208	Genesis Airway Innovations Pty Ltd
2019900209	Reliance Worldwide Corporation (Aust.) Pty. Ltd.
2019900210	Haplomic Technologies Pty Ltd
2019900211	Chambers, C.
2019900212	Dower, W.
2019900213	Cellr Pty Ltd
2019900214	ABLATION GEN 2 PTY LTD
2019900215	Innerflame Pty Ltd
2019900216	project global awareness pty ltd
2019900217	Insurance Australia Limited
2019900218	Varden Process Pty Ltd
2019900219	Illinois Tool Works Inc.
2019900220	Breville Pty Limited
2019900221	Breville Pty Limited
2019900222	Abergeldie Complex Infrastructure Pty Ltd
2019900223	Zingit Technologies Pty Ltd
2019900224	Weeks, K.
2019900225	Emelem Pty Ltd
2019900226	The University Of Queensland
2019900227	McKee, B.
2019900228	McKee, B.
2019900229	SDIP Holdings Pty Ltd
2019900230	Circulatory Support Technologies Pty Ltd
2019900231	Boyle, N.
2019900232	Murray, A.
2019900233	Smith, D.
2019900234	Peretz, G.
2019900235	Southern Waste Solutions (Trading Name), Copping Refuse Disposal Site Joint Authority
2019900236	Baymatob Pty Ltd
2019900237	Baymatob Pty Ltd
2019900238	Falkiner, C.
2019900239	Niagara Australia Pty Ltd
2019900240	The Australian National University
2019900241	ASAP BreatheAssist Pty Ltd
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**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Jan 2019 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) Accelerated BioSciences Corp. (21) 2019200392 (22) 21.01.2019 (54) METHODS OF DIFFERENTIATING STEM CELLS BY MODULATING MIR-124 (62) 2013352307</p> <hr/> <p>(71) ACT-FOR CO., LTD.; UNIVERSITY OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH, JAPAN (21) 2019200397 (22) 21.01.2019 (54) INHALING FRAGRANCE, PERFUME, AND FOOD FLAVORING (62) 2016327484</p> <hr/> <p>(71) Adobe Inc. (21) 2019200437 (22) 22.01.2019 (54) A METHOD TO BUILD AN ENTERPRISE-SPECIFIC KNOWLEDGE GRAPH (31) 15/928,288 (32) 22.03.18 (33) US</p> <hr/> <p>(71) AgaMatrix, Inc. (21) 2019200475 (22) 24.01.2019 (54) Electrochemical test strip (62) 2017204379</p> <hr/> <p>(71) Agency for Defense Development (21) 2019200444 (22) 23.01.2019 (54) Apparatus and method for measuring air mass flow rate of supersonic inlet (31) 10-2018-0113570 (32) 21.09.18 (33) KR</p> <hr/> <p>(71) Ag Growth International Inc. (21) 2019200451 (22) 23.01.2019 (54) TRANSPORTABLE DRIVE-OVER CONVEYOR SYSTEM (62) 2014227503</p> <hr/> <p><b>Amgen Inc. see Amgen Research (Munich) GmbH</b> (21) 2019200493</p> <hr/> <p>(71) Amgen Research (Munich) GmbH; Amgen Inc. (21) 2019200493 (22) 24.01.2019 (54) Binding Molecules For BCMA and CD3 (62) 2014230217</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2019200486 (22) 24.01.2019</p>	<p>(54) System and method for managing packages of shuffled playing cards (62) 2016230242</p> <hr/> <p>(71) Apple Inc. (21) 2019200416 (22) 22.01.2019 (54) Wireless pairing of earbuds and case (62) 2017279776</p> <hr/> <p>(71) Apple Inc. (21) 2019200417 (22) 22.01.2019 (54) Case for a portable listening device (62) 2017279776</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019200462 (22) 23.01.2019 (54) A GAMING SYSTEM</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019200464 (22) 23.01.2019 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2017202362</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019200495 (22) 24.01.2019 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2017201797</p> <hr/> <p>(71) AUSSIB GROUPS PTY LTD (21) 2019200468 (22) 23.01.2019 (54) Building panels - systems components &amp; methods (62) 2014328484</p> <hr/> <p>(71) Avanir Pharmaceuticals, Inc. (21) 2019200415 (22) 22.01.2019 (54) Pharmaceutical compositions comprising dextromethorphan and quinidine for the treatment of neurological disorders (62) 2017202884</p> <hr/> <p>(71) Barmenco Limited (21) 2019200459 (22) 23.01.2019 (54) A STEP ASSEMBLY (31) 2018900330 (32) 02.02.18 (33) AU</p>	<hr/> <p>(71) Biomet Manufacturing, LLC (21) 2019200373 (22) 18.01.2019 (54) PATIENT-SPECIFIC GLENOID DEPTH CONTROL (62) 2015271829</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019200429 (22) 22.01.2019 (54) Power controlled short duration ablation with varying temperature limits (31) 16/219,274 (32) 13.12.18 (33) US 62/620,703 23.01.18 US</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019200480 (22) 24.01.2019 (54) Signal color morphology (31) 15/885,325 (32) 31.01.18 (33) US</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019200487 (22) 24.01.2019 (54) System(s), method(s) and device(s) for the prevention of esophageal fistula during catheter ablation (31) 16/127,461 (32) 11.09.18 (33) US 62/631,359 15.02.18 US</p> <hr/> <p>(71) Biosense Webster (Israel) Ltd. (21) 2019200488 (22) 24.01.2019 (54) Scar assessment (31) 16/231,995 (32) 25.12.18 (33) US 62/623,022 29.01.18 US</p> <hr/> <p>(71) Bioverativ USA Inc. (21) 2019200448 (22) 23.01.2019 (54) Anti-complement C1s antibodies and uses thereof (62) 2013337638</p> <hr/> <p>(71) BrainOn Inc.; Kang, Y. (21) 2019200449 (22) 23.01.2019 (54) A composition for improving memory, learning ability and cognitive ability (62) 2016376059</p> <hr/> <p>(71) Britax Childcare Pty Ltd (21) 2019200460 (22) 23.01.2019 (54) STRAP INDICATOR (31) 2018900291 (32) 31.01.18 (33) AU</p> <hr/> <p>(71) Cardinal Health Switzerland 515 GmbH (21) 2019200461 (22) 23.01.2019</p>
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Complete Applications Filed - Name Index cont'd

(54) System for re-entering a vessel lumen  
(62) 2017202442

(71) Cixi Langhua Machinery Technology Co., Ltd.

(21) 2019200407 (22) 21.01.2019

(54) A Comprehensive Optimization Device For Energy-saving of Energy Systems

(31) 2018104937168 (32) 22.05.18 (33) CN

(71) Colt Canada IP Holding Partnership

(21) 2019200485 (22) 24.01.2019

(54) A network of intercommunicating battle-field devices

(62) 2014317762

(71) Commonwealth Scientific and Industrial Research Organisation

(21) 2019200509 (22) 18.01.2019

(54) Method and system for X-ray fluorescence (XRF) analysis of exploration samples

(62) 2017245397

(71) Crisci, A.

(21) 2019200458 (22) 23.01.2019

(54) METHOD AND SYSTEM FOR ACQUIRING DATA FILES OF BLOCKS OF LAND AND OF BUILDING PLANS AND FOR AUTOMATIC MAKING OF MATCHES THEREOF

(31) 2018900243 (32) 25.01.18 (33) AU

(71) Dana-Farber Cancer Institute, Inc.

(21) 2019200372 (22) 18.01.2019

(54) Polycyclic inhibitors of cyclin-dependent kinase 7 (CDK7)

(62) 2014337044

(71) EMD Millipore Corporation

(21) 2019200368 (22) 18.01.2019

(54) Chromatography matrices including novel staphylococcus aureus protein A based ligands

(62) 2017200616

(71) Endomagnetics Ltd

(21) 2019200430 (22) 22.01.2019

(54) Systems and Methods for Detecting Magnetic Markers for Surgical Guidance

(31) GB1801224.5 (32) 25.01.18 (33) GB

**Ercole Biotech, Inc. see The University of North Carolina at Chapel Hill**

(21) 2019200435

(71) FIRE & SECURITY HARDWARE PTY LTD

(21) 2018274873 (22) 04.12.2018

(54) A SECURITY DETECTOR AND END OF LINE MODULE

(31) 2017904528 (32) 08.11.17 (33) AU

(71) Fleet Space Technologies Pty Ltd

(21) 2019200432 (22) 22.01.2019

(54) Remote LPWAN gateway with backhaul over a high-latency communication system

(31) 2018904671 (32) 07.12.18 (33) AU

(71) FRITZ SCHÄFER GMBH

(21) 2019200398 (22) 21.01.2019

(54) Garbage can having an injection-molded plastic body

(62) 2015248961

(71) FUTURE CONSTRUCTIONS PTY LTD

(21) 2019200467 (22) 23.01.2019

(54) Excavation devices and methods

(62) 2013334475

(71) Gilead Sciences, Inc.

(21) 2019200422 (22) 22.01.2019

(54) Polycyclic-carbamoylpyridone compounds and their pharmaceutical use

(62) 2015369817

(71) GN Hearing A/S

(21) 2019200428 (22) 22.01.2019

(54) Hearing protection device, hearing protection system, and related method

(31) 18153247.4 (32) 24.01.18 (33) EP

(71) Gyrus Medical Limited

(21) 2019200393 (22) 21.01.2019

(54) SURGICAL SHAVING INSTRUMENTS

(31) 1801738.4 (32) 02.02.18 (33) GB

(71) Gyrus Medical Limited

(21) 2019200471 (22) 24.01.2019

(54) SURGICAL SHAVING INSTRUMENTS

(31) 1801738.4 (32) 02.02.18 (33) GB

(71) Huang, J.

(21) 2019200413 (22) 21.01.2019

(54) MULTIPURPOSE WRITING IMPLEMENT WITH SUSPENSION APPARATUS FOR ERGONOMIC INSCRIPTION

(31) 2018900229 (32) 24.01.18 (33) AU

(71) Huawei Technologies Co., Ltd.

(21) 2019200484 (22) 24.01.2019

(54) THREE-IN-TWO CARD CONNECTOR AND MOBILE TERMINAL INCLUDING THREE-IN-TWO CARD CONNECTOR

(62) 2014402126

(71) Hydra-Stop LLC

(21) 2019200477 (22) 24.01.2019

(54) Automated pressure equalization above and below completion plug of gate valve cartridge or a completion plug of a line stop fitting

(31) 15/950,634 (32) 11.04.18 (33) US

(71) Illumina, Inc.

(21) 2019200400 (22) 21.01.2019

(54) Integrated Optoelectronic Read Head And Fluidic Cartridge Useful For Nucleic Acid Sequencing

(62) 2016222420

(71) Implantica Patent Ltd

(21) 2019200439 (22) 18.01.2019

(54) A Method And Apparatus For Supplying Energy To A Medical Device

(62) 2017201947

(71) Implantica Patent Ltd

(21) 2019200446 (22) 18.01.2019

(54) Breast Implant System

(62) 2016204321

(71) Impossible Foods Inc.

(21) 2019200403 (22) 21.01.2019

(54) Methods and compositions for consumables

(62) 2017201590

(71) INCYTE HOLDINGS CORPORATION

(21) 2019200404 (22) 21.01.2019

(54) PROCESS FOR THE SYNTHESIS OF AN INDOLEAMINE 2,3-DIOXY-GENASE INHIBITOR

(62) 2014346647

(71) Janssen Biotech, Inc.

(21) 2019200441 (22) 23.01.2019

(54) Bispecific EGFR/c-Met antibodies

(62) 2013347962

(71) Jeyanandarajan, D.

(21) 2019200478 (22) 24.01.2019

(54) Systems and methods for customizing a learning experience of a user

(62) 2015308716

**Kang, Y. see BrainOn Inc.**

(21) 2019200449

(71) Kimura Kohki Co., Ltd.

(21) 2019200456 (22) 23.01.2019

(54) Air conditioning system

(31) 2018-16360 (32) 01.02.18 (33) JP  
2018-078815 17.04.18 JP

(71) Lanxi Hongke Network Technology Co., Ltd.

(21) 2019200465 (22) 23.01.2019



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(54) A Linear Voltage Stabilizer  
(31) 2018107600298 (32) 11.07.18 (33) CN

(71) Littelfuse, Inc.  
(21) 2019200425 (22) 22.01.2019  
(54) System and method for single wire ground check measurement  
(31) 15/877,577 (32) 23.01.18 (33) US

(71) Lumus Ltd.  
(21) 2019200427 (22) 22.01.2019  
(54) COMPACT HEAD-MOUNTED DISPLAY SYSTEM  
(62) 2015249417

(71) Lymphatech, Inc.  
(21) 2019200433 (22) 22.01.2019  
(54) Methods Of Generating Compression Garment Measurement Information For A Patient Body Part And Fitting Pre-Fabricated Compression Garments Thereto  
(31) 15/896,765 (32) 14.02.18 (33) US

(71) Mars, Incorporated  
(21) 2019200490 (22) 24.01.2019  
(54) Composition and method for preventing, reducing, alleviating, or treating idiopathic vomiting  
(62) 2014228552

**Massachusetts Institute of Technology see Translate Bio, Inc.**  
(21) 2019200474

(71) MedicalTree Patent Ltd  
(21) 2019200440 (22) 18.01.2019  
(54) Infusion Of Drugs  
(62) 2017202858

(71) Melinta Subsidiary Corp.  
(21) 2019200483 (22) 24.01.2019  
(54) Methods of treating infections in overweight and obese patients using antibiotics  
(62) 2014239965

(71) Merck Sharp & Dohme Corp.  
(21) 2019200426 (22) 22.01.2019  
(54) Anti-TIGIT antibodies  
(62) 2015305754

(71) Natural Extraction Systems, LLC  
(21) 2019200399 (22) 21.01.2019  
(54) Method and apparatus for extracting botanical oils  
(62) 2014330891

(71) Netflix, Inc.  
(21) 2019200481 (22) 24.01.2019

(54) Determining native resolutions of video sequences  
(62) 2016284583

(71) Neurim Pharmaceuticals Ltd.  
(21) 2019200479 (22) 24.01.2019  
(54) Melatonin mini-tablets and method of manufacturing the same  
(62) 2016426598

(71) NICO Corporation  
(21) 2019200489 (22) 24.01.2019  
(54) System for collecting and preserving tissue cores  
(62) 2014228639

(71) Ninghai Zhuhang Industrial Product Design Co., Ltd.  
(21) 2019200412 (22) 21.01.2019  
(54) A Silicone Rubber Impression Material Equipment  
(31) 2018105005512 (32) 23.05.18 (33) CN

(71) NITROSET, LLC  
(21) 2019200438 (22) 22.01.2019  
(54) Apparatus for installing fasteners and explosive loads for use therewith  
(62) 2016256676

(71) Noble Engineering Services Pty Ltd  
(21) 2019200423 (22) 22.01.2019  
(54) Rail vehicle braking system  
(31) 2018900201 (32) 22.01.18 (33) AU

(71) Oren Technologies, LLC  
(21) 2019200395 (22) 21.01.2019  
(54) Proppant discharge system and a container for use in such a proppant discharge system  
(62) 2017202398

(71) PerceptiMed, Inc.  
(21) 2019200436 (22) 22.01.2019  
(54) Point Of Sale Verification System  
(62) 2013305511

(71) President and Fellows of Harvard College  
(21) 2019200494 (22) 24.01.2019  
(54) MACROLIDES AND METHODS OF THEIR PREPARATION AND USE  
(62) 2014248014

(71) Quzhou Yanhang Machinery Technology Co., Ltd.  
(21) 2019200466 (22) 23.01.2019  
(54) A Construction Equipment for Deep Foundation Pits of Bridges and Application Methods Thereof  
(31) 2018107041458 (32) 30.06.18 (33) CN

(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd.  
(21) 2019200431 (22) 22.01.2019  
(54) A detonation device  
(31) 2018900215 (32) 23.01.18 (33) AU

(71) Salutaris Medical Devices, Inc.  
(21) 2019200476 (22) 24.01.2019  
(54) Methods and devices for minimally-invasive extraocular delivery of radiation to the posterior portion of the eye  
(62) 2017203380

**Santaris Pharma A/S see The University of North Carolina at Chapel Hill**  
(21) 2019200435

(71) Sargent, K.  
(21) 2019200473 (22) 24.01.2019  
(54) PU Holed Hair Weft (Smooth Weft)

(71) Sebela VLC Limited  
(21) 2019200369 (22) 18.01.2019  
(54) Intrauterine device with retrieval thread  
(62) 2014334816

(71) Snap-on Incorporated  
(21) 2019200455 (22) 23.01.2019  
(54) Hydraulic pump with secondary safety check valve  
(31) 16/030,279 (32) 09.07.18 (33) US

(71) The Board of Regents, The University of Texas  
(21) 2019200537 (22) 18.01.2019  
(54) Apparatus for generating therapeutic shockwaves and applications of same  
(62) 2016277677

(71) The Boeing Company  
(21) 2019200457 (22) 23.01.2019  
(54) Stringer transition through a common base charge  
(31) 15/910,242 (32) 02.03.18 (33) US

(71) The Chemours Company FC, LLC  
(21) 2019200463 (22) 23.01.2019  
(54) FOAM-FORMING COMPOSITIONS CONTAINING AZEOTROPIC OR AZEOTROPE-LIKE MIXTURES CONTAINING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND THEIR USES IN THE PREPARATION OF POLYISOCYANATE-BASED FOAMS  
(62) 2018201150

(71) The University of North Carolina at Chapel Hill; Ercole Biotech, Inc.; Santaris Pharma A/S  
(21) 2019200435 (22) 22.01.2019  
(54) SPLICE SWITCHING OLIGOMERS FOR TNF SUPERFAMILY RECEPT-

Complete Applications Filed - Name Index cont'd

- ORS AND THEIR USE IN TREATMENT OF DISEASE  
(62) 2017201566
- 
- (71) Translate Bio, Inc.; Massachusetts Institute of Technology  
(21) 2019200474 (22) 24.01.2019  
(54) LIPID FORMULATIONS FOR DELIVERY OF MESSENGER RNA  
(62) 2014340155
- 
- (71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(21) 2019200405 (22) 21.01.2019  
(54) An autonomous lawn mower and a system for navigating thereof  
(62) PCT/CN2017/082005
- 
- (71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(21) 2019200406 (22) 21.01.2019  
(54) An autonomous lawn mower and a system for navigating thereof  
(62) PCT/CN2017/082005
- 
- (71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(21) 2019200408 (22) 21.01.2019  
(54) An autonomous lawn mower and a system for navigating thereof  
(62) PCT/CN2017/082005
- 
- (71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(21) 2019200409 (22) 21.01.2019  
(54) An autonomous lawn mower and a system for navigating thereof  
(62) PCT/CN2017/091129
- 
- (71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(21) 2019200410 (22) 21.01.2019  
(54) An autonomous lawn mower and a system for navigating thereof  
(62) PCT/CN2017/091129
- 
- (71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED  
(21) 2019200411 (22) 21.01.2019  
(54) An autonomous lawn mower and a system for navigating thereof  
(62) PCT/CN2017/091129
- 
- UNIVERSITY OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH, JAPAN see ACTFOR CO., LTD.**  
(21) 2019200397
- 
- (71) Valmont Highway International Pty Limited  
(21) 2019200443 (22) 23.01.2019
- 
- (54) IMPROVEMENTS IN AND RELATING TO ROAD SAFETY RAIL SYSTEMS AND PARTS AND FITTINGS THEREFOR  
(31) 2018900209 (32) 23.01.18 (33) AU
- 
- (71) Visa International Service Association  
(21) 2019200401 (22) 21.01.2019  
(54) System and method for latency-based queuing  
(62) 2017259252
- 
- (71) Webroot Inc.  
(21) 2019200445 (22) 23.01.2019  
(54) Methods and apparatus for dealing with malware  
(62) 2017202384
- 
- (71) Wenling Qihao Electronics Co., Ltd.  
(21) 2019200453 (22) 23.01.2019  
(54) A Portable Intelligent Hanger  
(31) 2018104666880 (32) 16.05.18 (33) CN
- 
- (71) Werner Co.  
(21) 2019200447 (22) 23.01.2019  
(54) APPARATUS HAVING A HANDLE ON WHICH A USER STANDS, AND METHOD  
(62) 2017200973
- 
- (71) Werner Co.  
(21) 2019200450 (22) 23.01.2019  
(54) ASSEMBLY, PLANK ADAPTER FOR A WORK STAND AND METHOD  
(62) 2017200975
- 
- (71) Werner Co.  
(21) 2019200452 (22) 23.01.2019  
(54) SCAFFOLD WITH LATCH ASSEMBLY AND METHOD  
(62) 2017200972
- 
- (71) Widex A/S  
(21) 2019200482 (22) 24.01.2019  
(54) Hearing aid user account management  
(62) 2014411738
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- (71) Xyleco, Inc.  
(21) 2019200434 (22) 22.01.2019  
(54) Processing Biomass  
(62) 2017203622
- 
- (71) Yiwu Fengqing Technology Co., Ltd.  
(21) 2019200496 (22) 24.01.2019  
(54) A Photovoltaic Power Generation Device  
(31) 2018101961305 (32) 09.03.18 (33) CN
- 
- (71) Zhejiang Dosoly Mechanical and Electrical Technology Co., Ltd  
(21) 2019200414 (22) 22.01.2019
- 
- (54) Horizontal Bar Device  
(31) 201810461905.7 (32) 15.05.18 (33) CN
- 
- (71) Zhengzhou Zezheng Technical Services Ltd.  
(21) 2019200472 (22) 24.01.2019  
(54) TURBINE DENTAL DRILL MECHANISM AND TURBINE HEAD WITH SAME MOUNTED THEREIN  
(62) 2017221771

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<b>2018274873</b>	FIRE & SECURITY HARDWARE PTY LTD	<b>2019200462</b>	Aristocrat Technologies Australia Pty Limited
<b>2019200368</b>	EMD Millipore Corporation	<b>2019200463</b>	The Chemours Company FC, LLC
<b>2019200369</b>	Sebela VLC Limited	<b>2019200464</b>	Aristocrat Technologies Australia Pty Limited
<b>2019200372</b>	Dana-Farber Cancer Institute, Inc.	<b>2019200465</b>	Lanxi Hongke Network Technology Co., Ltd.
<b>2019200373</b>	Biomet Manufacturing, LLC	<b>2019200466</b>	Quzhou Yanhang Machinery Technology Co., Ltd.
<b>2019200392</b>	Accelerated BioSciences Corp.	<b>2019200467</b>	FUTURE CONSTRUCTIONS PTY LTD
<b>2019200393</b>	Gyrus Medical Limited	<b>2019200468</b>	AUSSIB GROUPS PTY LTD
<b>2019200395</b>	Oren Technologies, LLC	<b>2019200471</b>	Gyrus Medical Limited
<b>2019200397</b>	ACT-FOR CO., LTD.; UNIVERSITY OF OCCUPATION-AL AND ENVIRONMENTAL HEALTH,JAPAN	<b>2019200472</b>	Zhengzhou Zezheng Technical Services Ltd.
<b>2019200398</b>	FRITZ SCHÄFER GMBH	<b>2019200473</b>	Sargent, K.
<b>2019200399</b>	Natural Extraction Systems, LLC	<b>2019200474</b>	Translate Bio, Inc.; Massachusetts Institute of Techno-logy
<b>2019200400</b>	Illumina, Inc.	<b>2019200475</b>	AgaMatrix, Inc.
<b>2019200401</b>	Visa International Service Association	<b>2019200476</b>	Salutaris Medical Devices, Inc.
<b>2019200403</b>	Impossible Foods Inc.	<b>2019200477</b>	Hydra-Stop LLC
<b>2019200404</b>	INCYTE HOLDINGS CORPORATION	<b>2019200478</b>	Jeyanandarajan, D.
<b>2019200405</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019200479</b>	Neurim Pharmaceuticals Ltd.
<b>2019200406</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019200480</b>	Biosense Webster (Israel) Ltd.
<b>2019200407</b>	Cixi Langhua Machinery Technology Co., Ltd.	<b>2019200481</b>	Netflix, Inc.
<b>2019200408</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019200482</b>	Widex A/S
<b>2019200409</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019200483</b>	Melinta Subsidiary Corp.
<b>2019200410</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019200484</b>	Huawei Technologies Co., Ltd.
<b>2019200411</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019200485</b>	Colt Canada IP Holding Partnership
<b>2019200412</b>	Ninghai Zhuhang Industrial Product Design Co., Ltd.	<b>2019200486</b>	Angel Playing Cards Co., Ltd.
<b>2019200413</b>	Huang, J.	<b>2019200487</b>	Biosense Webster (Israel) Ltd.
<b>2019200414</b>	Zhejiang Dosoly Mechanical and Electrical Technology Co., Ltd	<b>2019200488</b>	Biosense Webster (Israel) Ltd.
<b>2019200415</b>	Avanir Pharmaceuticals, Inc.	<b>2019200489</b>	NICO Corporation
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<b>2019200417</b>	Apple Inc.	<b>2019200493</b>	Amgen Research (Munich) GmbH; Amgen Inc.
<b>2019200422</b>	Gilead Sciences, Inc.	<b>2019200494</b>	President and Fellows of Harvard College
<b>2019200423</b>	Noble Engineering Services Pty Ltd	<b>2019200495</b>	Aristocrat Technologies Australia Pty Limited
<b>2019200425</b>	Littelfuse, Inc.	<b>2019200496</b>	Yiwu Fengqing Technology Co., Ltd.
<b>2019200426</b>	Merck Sharp & Dohme Corp.	<b>2019200509</b>	Commonwealth Scientific and Industrial Research Or-ganisation
<b>2019200427</b>	Lumus Ltd.	<b>2019200537</b>	The Board of Regents, The University of Texas
<b>2019200428</b>	GN Hearing A/S		
<b>2019200429</b>	Biosense Webster (Israel) Ltd.		
<b>2019200430</b>	Endomagnetics Ltd		
<b>2019200431</b>	Reliance Worldwide Corporation (Aust.) Pty. Ltd.		
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<b>2019200436</b>	PerceptiMed, Inc.		
<b>2019200437</b>	Adobe Inc.		
<b>2019200438</b>	NITROSET, LLC		
<b>2019200439</b>	Implantica Patent Ltd		
<b>2019200440</b>	MedicalTree Patent Ltd		
<b>2019200441</b>	Janssen Biotech, Inc.		
<b>2019200443</b>	Valmont Highway International Pty Limited		
<b>2019200444</b>	Agency for Defense Development		
<b>2019200445</b>	Webroot Inc.		
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<b>2019200447</b>	Werner Co.		
<b>2019200448</b>	Bioerativ USA Inc.		
<b>2019200449</b>	BrainOn Inc.; Kang, Y.		
<b>2019200450</b>	Werner Co.		
<b>2019200451</b>	Ag Growth International Inc.		
<b>2019200452</b>	Werner Co.		
<b>2019200453</b>	Wenling Qihao Electronics Co., Ltd.		
<b>2019200455</b>	Snap-on Incorporated		
<b>2019200456</b>	Kimura Kohki Co., Ltd.		
<b>2019200457</b>	The Boeing Company		
<b>2019200458</b>	Crisci, A.		
<b>2019200459</b>	Barminco Limited		
<b>2019200460</b>	Britax Childcare Pty Ltd		
<b>2019200461</b>	Cardinal Health Switzerland 515 GmbH		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Jan 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) Aljo Holdings Pty Ltd (21) 2019100067 (22) 21.01.2019 (54) A drainage device</p>	<p>(71) Jilin Province Biquan Health Food Development Co., Ltd. (21) 2019100062 (22) 21.01.2019 (54) AtD-SAT Transgenic Yeast Strain, Small Molecular Peptides and Their Application</p>	<p>(54) PCR DETECTION KIT FOR RAPIDLY IDENTIFYING SALMONELLA OF SPECIFIC SEROTYPES (62) PCT/CN2016/106398</p>
<p>(71) All Fence U Rent Pty Ltd (21) 2019100075 (22) 23.01.2019 (54) Fence Stay</p>	<p>(71) LIGHTFORCE AUSTRALIA PTY LIMITED (21) 2019100073 (22) 23.01.2019 (54) A CLAMP ARRANGEMENT FOR MOUNTING A LIGHT TO A VEHICLE PROTECTIVE BAR</p>	
<p>(71) apply solar (21) 2019100072 (22) 22.01.2019 (54) electronic magnetic inducted self recharging batteries</p>	<p>(71) Lin, C. (21) 2019100066 (22) 21.01.2019 (54) A Filter Device for Roof Gutter System (31) PCT/ (32) 15.12.18 (33) IB CN2018/121355</p>	
<p>(71) Baur, M. (21) 2019100069 (22) 22.01.2019 (54) TREE STUMP ELIMINATION DEVICE</p>	<p>(71) Nepean Conveyors Pty Ltd (21) 2019100061 (22) 21.01.2019 (54) CONVEYOR MODULE, CONVEYOR ASSEMBLY, AND METHOD OF INSTALLING A CONVEYOR ASSEMBLY (62) PCT/AU2017/051233</p>	
<p>(71) eslick, r. (21) 2019100060 (22) 21.01.2019 (54) Utility Cutting Tool</p>	<p>(71) OXTI CORPORATION (21) 2019100064 (22) 21.01.2019 (54) MULTIFUNCTIONAL BOX</p>	
<p>(71) Fennell, D. (21) 2019100065 (22) 21.01.2019 (54) AN IDENTIFICATION AND EXCLUSION SYSTEM FOR RESTRICTING ACCESS TO RECREATION VENUES (62) 2016236850</p>	<p>(71) PNP CONCEPTS PTY LTD (21) 2019100070 (22) 22.01.2019 (54) An enhanced visibility glove (62) 2017268553</p>	
<p>(71) FRANKS, M. (21) 2019100074 (22) 23.01.2019 (54) Casual Pool is a Website that includes services to Employers, Employees and Potential Employees, around Shift Availability, Shift Notifications, Rostering, Time Sheets, Log On Shift - Log Off Shift, Resumes, References, Licenses, Certifications, Documents, Employment Opportunities, Employment Applications, Training &amp; Assessment, Phone Apps &amp; Reporting.</p>	<p>(71) Termiplug Pty Ltd (21) 2019100063 (22) 21.01.2019 (54) A PLUG ASSEMBLY</p>	
<p>(71) GGJC Pty Ltd (21) 2019100076 (22) 23.01.2019 (54) Business method to securely shred and recycle paper for the low-volume market</p>	<p>(71) Voropaev, I. (21) 2019100068 (22) 22.01.2019 (54) 3 The disclosed method of operation is a cycle which creates propulsion. This propulsion is a result of interactions of masses. Unlike a rocket engine, the Propellantless Drive (PD) creates propulsion without the expulsion of an exhaust fluid. All mass remains inside the PD.</p>	
<p>(71) Grech, B. (21) 2019100077 (22) 24.01.2019 (54) TREATMENT FOR GASTROINTESTINAL DISEASES, DEPRESSION, AND ANXIETIES (62) 2017101183</p>	<p>(71) Yangzhou University (21) 2019100071 (22) 22.01.2019</p>	

**Numerical Index**

<b>2019100060</b>	eslick, r.	<b>2019100069</b>	Baur, M.
<b>2019100061</b>	Nepean Conveyors Pty Ltd	<b>2019100070</b>	PNP CONCEPTS PTY LTD
<b>2019100062</b>	Jilin Province Biquan Health Food Development Co., Ltd.	<b>2019100071</b>	Yangzhou University
<b>2019100063</b>	Termiplug Pty Ltd	<b>2019100072</b>	apply solar
<b>2019100064</b>	OXTI CORPORATION	<b>2019100073</b>	LIGHTFORCE AUSTRALIA PTY LIMITED
<b>2019100065</b>	Fennell, D.	<b>2019100074</b>	FRANKS, M.
<b>2019100066</b>	Lin, C.	<b>2019100075</b>	All Fence U Rent Pty Ltd
<b>2019100067</b>	Aljo Holdings Pty Ltd	<b>2019100076</b>	GGJC Pty Ltd
<b>2019100068</b>	Voropaev, I.	<b>2019100077</b>	Grech, B.

**Applications with amended filing dates Reg 3.5(A).**

2019200298 **Adimab, LLC** The filing date has been amended to 21.01.2019

**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:

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

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1999012140 ( 14 )	1999012147 ( 14 )	1999012151 ( 14 )
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**2014**

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2016100984 ( 22E ) 2016101048 ( 22E ) 2016101053 ( 22E )  
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**2017**

2017200084 ( 5C ) 2017200152 ( 5C ) 2017200244 ( 5C )  
 2017200359 ( 5C ) 2017200639 ( 5C ) 2017200994 ( 5C )  
 2017201059 ( 5C ) 2017201388 ( 5C ) 2017201408 ( 5C )  
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 2018260793 ( 1B ) 2018260838 ( 1B ) 2018260964 ( 1B )  
 2018260967 ( 7AN ) 2018264070 ( 7AN ) 2018267594 ( 17B )  
 2018900194 ( 12AN ) 2018902344 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014253561 Wear Applications and Management Services Pty Ltd  
 The application has been assigned to **METSO MINERALS OY**

2014347365 PERFORMANCE LAB TECHNOLOGIES LIMITED;  
 Naylor, Mark The application has been assigned to **PERFORMANCE  
 LAB TECHNOLOGIES LIMITED**

**2015**

2015213681 Patara Pharma, LLC The application has been as-  
 signed to **Respivant Sciences GmbH**

2015402778 Taipei Medical University; Yen, Yun The application  
 has been assigned to **Taipei Medical University**

2015905426 Gillett, Nicholas The application has been assigned to  
**Shuttle Gauge IP Pty Ltd**

**2016**

2016204911 Coles Supermarkets Australia Pty Ltd The application  
 has been assigned to **Coles Group Limited**

**Assignments before Grant, Section 113**

2016209008 Biocidium Biopharmaceuticals Inc. The application has been assigned to **Biocidium IP HoldCo, Co.**

2016236809 dormakaba Austria GmbH The application has been assigned to **dormakaba Schweiz AG**

2016247454 Vectorbloc Corp. The application has been assigned to **Z-Modular Holding, Inc.**

2016269339 Nebesnyi, Valerii The application has been assigned to **A.N.E.M. Alternative Energy and Manufacturing Ltd**

2016299064 Schenck Process Europe GmbH The application has been assigned to **Schenck Process Europe GmbH**

2016299439 Schenck Process Europe GmbH The application has been assigned to **Schenck Process Europe GmbH**

2016308775 Vectorbloc Corp. The application has been assigned to **Z-Modular Holding, Inc.**

2016314765 Polymer Competence Center Leoben GmbH; TECHNISCHE UNIVERSITÄT WIEN The application has been assigned to **TECHNISCHE UNIVERSITÄT WIEN**

2016357960 Kommstart 2363 AB The application has been assigned to **Alfa Laval Corporate AB**

2016380614 Hyundai Motor Company The application has been assigned to **Hyundai Motor Company; Kia Motors Corporation**

2016900961 Gillett, Nicholas Ross The application has been assigned to **Shuttle Gauge IP Pty Ltd**

2016902881 Gillett, Nicholas The application has been assigned to **Shuttle Gauge IP Pty Ltd**

**2017**

2017200607 Schenck Process Europe GmbH The application has been assigned to **Schenck Process Europe GmbH**

2017208195 GILLETT, Nicholas The application has been assigned to **Shuttle Gauge IP Pty Ltd**

2017217246 Conen, Allan; FTB Cormax Pte. Ltd. The application has been assigned to **FTB Cormax Pte. Ltd.**

2017264862 Hernandez, Caleb; Certa Dose, Inc. The application has been assigned to **Certa Dose, Inc.**

2017901569 Gillett, Nicholas Ross The application has been assigned to **Shuttle Gauge IP Pty Ltd**

**2018**

2018200429 Patara Pharma, LLC The application has been assigned to **Respivant Sciences GmbH**

**Assignments before Grant, Section 113**

2018901493 Northern Development Pty Ltd The application has been assigned to **Northern Development AS**

2018903393 Northern Development Pty Ltd The application has been assigned to **Northern Development AS**

2018904748 Tichy, Keith The application has been assigned to **Vertie Equipment Pty Ltd**

2018904766 Northern Development Pty Ltd The application has been assigned to **Northern Development AS**

**2019**

2019200200 General Electric Company The application has been assigned to **GE Global Sourcing LLC**

**Extensions of Time, Section 223**

**Applications Received**

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

**2010**

2010256338 **The Environmental Group Limited** An application to extend the time from 02 Jun 2018 to 02 Feb 2019 in which to pay a renewal fee has been filed . Address for service - PIPERS 1st Floor, Image-text House 3 Owens Road, Epsom Auckland, 1023 NZ

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

**2007**

2007213682 **ARCA TECHNOLOGIES S.R.L.** The time in which to pay a continuation fee has been extended to 09 Sep 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2010**

2010217190 **Mayne Pharma LLC** The time in which to pay a renewal fee has been extended to 24 Sep 2018 . Address for service - Davies Collison Cave Pty Ltd 1 Nicholson St Melbourne VIC 3000 AU

**2014**

2014275571 **Butler Concepts Limited** The time in which to gain acceptance has been extended to 17 Feb 2019 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

**2016**

2016222271 **Matthews, J.** The time in which to gain acceptance has been extended to 23 Feb 2019 . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengariff Drive FLOREAT WA 6014 AU

**2018**

2018267616 **Adaptive Spectrum and Signal Alignment, Inc.** The time in which to make a further application for a divisional patent has been extended to 16 Dec 2018 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU



**Extensions of Time, Section 223**

2018274873 **FIRE & SECURITY HARDWARE PTY LTD** The time in which to associate with a complete application has been extended to 08 Dec 2018 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

**Amendments****Applications for Amendment**

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

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

**2013**

2013235584 Kits and methods of treating a substrate prior to formation of an image thereon **Neenah Paper, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Aug 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2014**

2014274061 A fluid delivery device having an insertable prefilled cartridge **Valeritas, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2018 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2014285019 Substituted benzofuranyl and benzoxazolyl compounds and uses thereof **Karyopharm Therapeutics Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014317940 High molecular weight and high cationic chargeglyoxalatedpolyacrylamide copolymers, and their methods of manufacture and use **BASF SE** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2014367306 Medical device comprising an electrode and a light source **Neuronano AB** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2019 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

**2015**

2015253576 Polyurethane scorch inhibitor **Vanderbilt Chemicals, LLC** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015315159 Microfluid chip-based, universal coagulation assay **Perosphere Technologies Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2015325693 Steel material and expandable oil country tubular goods **Nippon Steel & Sumitomo Metal Corporation** The nature of the

**Amendments**

amendment is as shown in the statement(s) filed 15 Jan 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015401995 Data transmission method, access point and station **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2016**

2016311181 Papermaking additive compositions and methods and uses thereof **Neozyme International, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2019 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2016346893 Peer-to-peer synchronization protocol for multi-premises hosting of digital content items **Dropbox, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2016375909 Content item block replication protocol for multi-premises hosting of digital content items **Dropbox, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2017**

2017201015 Tissue ligation devices and tensioning devices therefor **SentreHEART, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2017202294 DEVICE BASED AUTOMATED TOOL INTEGRATION FOR LIFECYCLE MANAGEMENT PLATFORM **Accenture Global Solutions Limited** The nature of the amendment is: Amend the name of the inventor to read SRIVASTAVA, Krupa; Koushik, Vijayaraghavan; DESHPANDE, Chandrashekhar; LAZARUS, Mark; DANG, Le G.; DESAI, Madhusudhana; KUTE, Sumit; SHUKLA, Arpan; JAMIR, Tiarenla; SAWANT, Prashant; SHARMA, Rohan; GHOSH, Bhaskar; SEKHAR, Mohan and PRASAD, Rajendra Tanniru . Address for service - Murray Trento & Associates Pty Ltd PO BOX 191 Surrey Hills VIC 3127 AU

2017203690 File-level commenting **Dropbox, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**Amendments Made****2010**

2010253486 **Hardiman, S.** The nature of the amendment is: Amend the name of the inventor to read Hardiman, Stephen

**2012**

2012279943 **Braun GmbH** The nature of the amendment is: Amend the name of the inventor to read Driesen, Georges; Trebitz, Bernd; Thurnay, Eva Susanne Dominique; Schmelcher, Heidrun; Haas, Martin; Fritsch, Thomas; Klimeck, Joachim; Schaefer, Norbert and Gliemroth, Frank

**Amendments**

2012305682 **Gen-Probe Incorporated** The nature of the amendment is: Amend the name of the inventor to read Silbert, Rolf; Opalsky, David; Buse, David; Rosati, Robert J.; Tammer, Olev; Capella, Richard and Merten, Matthias

**2013**

2013313718 **Compac Technologies Limited** The nature of the amendment is as shown in the statement(s) filed 21 Sep 2018

**2014**

2014228344 **BioMarin Pharmaceutical Inc.** The nature of the amendment is as shown in the statement filed 29 Oct 2018

2014233451 **Genzyme Corporation** The nature of the amendment is: Amend the invention title to read Affinity-based analytical purification of biotherapeutics for bioprocess monitoring

2014237348 **Global Blood Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 31 Oct 2018

2014249022 **GeneWEAVE Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2018

2014253798 **INCYTE HOLDINGS CORPORATION** The nature of the amendment is as shown in the statement filed 01 Nov 2018

2014287234 **Rice, D.** The nature of the amendment is: Amend the invention title to read CONSISTENT ORDINAL REDUCED ERROR LOGISTIC REGRESSION MACHINE

2014319091 **HaskoningDHV Nederland B.V.** The nature of the amendment is as shown in the statement filed 30 Oct 2018

**2015**

2015243346 **NeuroVive Pharmaceutical AB** The nature of the amendment is as shown in the statement filed 30 Oct 2018

2015281761 **Mathys AG Bettlach; Bioventus LLC** The nature of the amendment is as shown in the statement filed 08 Oct 2018

2015308554 **Lange Christian SA** The nature of the amendment is: Amend the invention title to read Urban or industrial vacuum cleaner

2015351161 **NEC Corporation** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2018

2015360438 **Kala Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 27 Oct 2018

2015368938 **JX Nippon Mining & Metals Corporation** The nature of the amendment is as shown in the statement filed 23 Oct 2018

**2016**

2016271086 **ViaSat, Inc.** The nature of the amendment is: Amend the invention title to read Satellite for End-to-End Beamforming

2016283501 **ViaSat, Inc.** The nature of the amendment is: Amend the invention title to read Ground Network for End-to-End Beamforming

**Amendments**

2016337362 **Flirtey Holdings, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2019

2016366744 **NantOmics, LLC; Nant Holdings IP, LLC** The nature of the amendment is: Amend the name of the inventor to read Benz, Stephen Charles; Hembrough, Todd; Rabizadeh, Shahrooz; Sanborn, John Zachary; Vaske, Charles Joseph; Soon-Shiong, Patrick and Cecchi, Fabiola

2016399182 **Monash University** The nature of the amendment is: Amend the name of the inventor to read Shinde, Dhanraj; Brenker, Jason; Tabor, Richard; Neild, Adrian and Majumder, Mainak

2016415048 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR APPLYING FOR MEDIA TRANSMISSION PERMISSION, AND METHOD AND APPARATUS FOR CANCELING MEDIA TRANSMISSION PERMISSION

2016426598 **Neurim Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement filed 24 Oct 2018

**2017**

2017201134 **Ono Pharmaceuticals Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2018

2017201486 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is: Amend the name of the inventor to read NOLIN, Eric; HOFFMAN, Ronald J. and HOLMAN, Christopher A.

2017224479 **Noul Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Lee, Dong Young; Lim, Chan Yang; Kim, Kyung Hwan and Shin, Young Min

2017250982 **Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Joint structure

2017276354 **Sape Industries Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101846

2017297505 **Revelant IP Holdings LLC** The nature of the amendment is: Amend the priority details to read 62/367,430 27 Jul 2016 US; 62/361,654 13 Jul 2016 US and 62/502,016 07 May 2017 US

2017300377 **Case Western Reserve University; University of Texas Southwestern Medical Center; University of Iowa Research Foundation** The nature of the amendment is: Amend the name of the inventor to read Markowitz, Sanford; Ready, Joseph and PIPER, Andrew

2017303625 **Jin Rong Hua Le Metal Manufactures Co., Ltd. of Gaoming, Foshan City** The nature of the amendment is: Amend the invention title to read NEW FOLDABLE BOX AND ASSEMBLING AND DISASSEMBLING METHOD THEREOF

2017304845 **Yoshino Kogyosho Co., Ltd.** The nature of the amendment is: Amend the invention title to read Discharge container

**Amendments**

2017332935 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Management system for work vehicle and management method for work vehicle

2017418043 **Beijing Didi Infinity Technology and Development Co., Ltd.** The nature of the amendment is: Amend the invention title to read Systems and methods for trajectory determination

**2018**

2018102079 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2019

2018102081 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2019

2018102083 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2019

2018102084 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2019

2018102085 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2019

2018102086 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2019

2018102087 **Nestec S.A.** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2019

2018216442 **Mitsubishi Heavy Industries Engineering, Ltd.** The nature of the amendment is: Amend the invention title to read Exhaust gas treatment system

**2019**

2019200239 **Husqvarna AB** The nature of the amendment is: Amend the name of the inventor to read Bolliger, Philipp; Gungl, Johannes; Soor, Florian and Schnürle, Horst

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2013**

2013349478 GTF 2 Engineering & Services UK Ltd The name of the patentee has been altered to **Gates Engineering & Services UK Ltd**

**2014**

2014379258 Tyco Electronics Australia Pty Ltd; Tyco Electronics (Shanghai) Co., Ltd.; ADC Telecommunications, Inc.; ADC Communications (Australia) Pty Ltd. The name of the applicant has been altered to **CommScope Connectivity Australia Pty Ltd; Tyco Electronics (Shanghai) Co., Ltd.; ADC Telecommunications, Inc.; ADC Communications (Australia) Pty Ltd.**

**2015**

2015259715 Baker Hughes Incorporated The name of the applicant has been altered to **Baker Hughes, a GE company, LLC**

**Amendments**

2015275268 RXi Pharmaceuticals Corporation The name of the patentee has been altered to **Phio Pharmaceuticals Corp.**

2015301923 Franklin Fueling Systems, Inc. The name of the applicant has been altered to **Franklin Fueling Systems, LLC**

2015308347 Recoval Belgium The name of the applicant has been altered to **Orbix Solutions**

2015349641 Johnson, Richard; Hines, Braden; Hamacher, Guido; Neff, Russ; Gregory, Christian The name of the applicant has been altered to **Johnson, R.; Hines, B.; Hamacher, G.; Neff, R.**

2015354787 Einnovations Holdings Pte. Ltd. The name of the applicant has been altered to **VOYAGER INNOVATIONS HOLDINGS PTE. LTD.**

**2016**

2016271712 PPG Coatings Europe B.V.; Mactac Europe SA The name of the applicant has been altered to **PPG Coatings Europe B.V.; Avery Dennison Materials Belgium SPRL**

2016362228 Weather Intelligence Technology, Inc. The name of the applicant has been altered to **Weather Intelligence Technology, Inc**

**2017**

2017222928 Western University; Eli Lilly and Company The name of the applicant has been altered to **The University of Western Ontario; Eli Lilly and Company**

2017277281 University of Minnesota ; Lawrence Livermore National Security, LLC The name of the applicant has been altered to **Lawrence Livermore National Security, LLC**

2017418043 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.**

**2018**

2018202014 RXi Pharmaceuticals Corporation The name of the applicant has been altered to **Phio Pharmaceuticals Corp.**

2018900513 Queensland University of Technology The name of the applicant has been altered to **Integral Scopes Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) 1234 10th Street LLC  
 (11) AU-A-2019200367  
 (21) 2019200367 (22) 18.01.2019  
 (54) REDUCING THE CARBON EMISSIONS INTENSITY OF A FUEL  
 (51) Int. Cl.  
*B01D 53/14* ( 2006.01 )  
*C10G 2/00* ( 2006.01 )  
*E21B 43/16* ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2014323503  
 (72) Keith, David William; Rhodes, James  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) 3M Innovative Properties Company  
 (11) AU-A-2019200402  
 (21) 2019200402 (22) 21.01.2019  
 (54) Curved automatic-darkening filter  
 (51) Int. Cl.  
*G02B 5/20* ( 2006.01 )  
*A61F 9/04* ( 2006.01 )  
*G02C 7/10* ( 2006.01 )  
*G02F 1/13* ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2013360166  
 (72) MAGNUSSON, Kristina M.; BILLINGSLEY, Britton G.; JAREFORS, Kenneth; ZURAVSKAJA, Larissa; MANSKE, Joy L.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) AbbVie Inc.  
 (11) AU-A-2019200341  
 (21) 2019200341 (22) 18.01.2019  
 (54) 2,2-difluoropropionamide derivatives of bardoxolone methyl, polymorphic forms and methods of use thereof  
 (51) Int. Cl.  
*C07J 63/00* ( 2006.01 )  
*A61K 31/565* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2014257072  
 (72) SHEIKH, Ahmad Y.; MATTEI, Alessandra; WANG, Xiu C.  
 (74) Spruson & Ferguson

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(71) Accelerated BioSciences Corp.  
 (11) AU-A-2019200392  
 (21) 2019200392 (22) 21.01.2019  
 (54) METHODS OF DIFFERENTIATING STEM CELLS BY MODULATING MIR-124  
 (51) Int. Cl.  
*C12N 5/071* ( 2010.01 )

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(43) 07.02.2019  
 (62) 2013352307  
 (72) Lee, Jau-nan; Lee, Tony Tung-yin; Lee, Yuta  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018205089  
 (21) 2018205089 (22) 10.07.2018  
 (54) DETERMINATION OF TASK AUTOMATION USING NATURAL LANGUAGE PROCESSING  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*G06F 17/20* ( 2006.01 )  
 (31) 15/655,507 (32) 20.07.17 (33) US  
 (43) 07.02.2019  
 (72) GOYAL, Jitesh; SHARPE, Carl; MCCOY, Anthony; PRAKASH, Ajitesh  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018206821  
 (21) 2018206821 (22) 20.07.2018  
 (54) INTELLIGENT CLOUD ENGINEERING PLATFORM  
 (51) Int. Cl.  
*G06F 17/00* ( 2006.01 )  
*G06N 5/00* ( 2006.01 )  
 (31) 201741026021 (32) 21.07.17 (33) IN 15/836,100 08.12.17 US  
 (43) 07.02.2019  
 (72) BIJANI, Pramodsing; BANDKAR, Mahesh; PARULKAR, Anand; KANTAWALA, Mufaddal Moazam  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018206854  
 (21) 2018206854 (22) 23.07.2018  
 (54) ANALYZING EVENT-ASSOCIATED CONNECTIONS  
 (51) Int. Cl.  
*G06Q 50/00* ( 2012.01 )  
 (31) 15/657,884 (32) 24.07.17 (33) US  
 (43) 07.02.2019  
 (72) RAM BHUYAN, Mukunda; ROY, Subhasish; THOTTIKKARA, Bibin George; MUKHOPADYAYA, Sudipta  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019200380  
 (21) 2019200380 (22) 21.01.2019  
 (54) DETERMINING INDICES BASED ON AREA-ASSIGNED DATA ELEMENTS  
 (51) Int. Cl.  
*G06Q 30/02* ( 2012.01 )

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(43) 07.02.2019  
 (62) 2017235915  
 (72) GREGORY, Peter; NALLE, Alan; HILLS, Geoffrey M.  
 (74) Murray Trento & Associates Pty Ltd

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(71) ACT-FOR CO., LTD.; UNIVERSITY OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH, JAPAN  
 (11) AU-A-2019200397  
 (21) 2019200397 (22) 21.01.2019  
 (54) INHALING FRAGRANCE, PERFUME, AND FOOD FLAVORING  
 (51) Int. Cl.  
*C11B 9/00* ( 2006.01 )  
*A23F 3/42* ( 2006.01 )  
*A61K 8/34* ( 2006.01 )  
*A61K 9/72* ( 2006.01 )  
*A61K 31/045* ( 2006.01 )  
*A61K 47/10* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 39/06* ( 2006.01 )  
*A61Q 13/00* ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2016327484  
 (72) OTA, Megumi; KAWAI, Kazuaki  
 (74) Collison & Co

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(71) AFINITI EUROPE TECHNOLOGIES LIMITED  
 (11) AU-A-2019200354  
 (21) 2019200354 (22) 18.01.2019  
 (54) TECHNIQUES FOR BENCHMARKING PAIRING STRATEGIES IN A CONTACT CENTER SYSTEM  
 (51) Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
*H04M 3/523* ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2017252021  
 (72) CHISHTI, Zia  
 (74) AJ PARK

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(71) Ag Growth International Inc.  
 (11) AU-A-2019200451  
 (21) 2019200451 (22) 23.01.2019  
 (54) TRANSPORTABLE DRIVE-OVER CONVEYOR SYSTEM  
 (51) Int. Cl.  
*B65G 65/30* ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2014227503  
 (72) Wilcox, Brian; Friesen, Dave; Manning, Chris; Braun, Ron; Jaspers, Brayden  
 (74) Phillips Ormonde Fitzpatrick

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(71) Align Technology, Inc  
 (11) AU-A-2019200225  
 (21) 2019200225 (22) 14.01.2019

Applications Open to Public Inspection - Name Index cont'd

(54) AUTOMATIC SELECTION AND LOCKING OF INTRAORAL IMAGES  
 (51) Int. Cl.  
**G06T 1/00** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2016230778  
 (72) Kopelman, Avi; Sabina, Michael  
 (74) Pizzveys Patent and Trade Mark Attorneys Pty Ltd

(71) Allegion Australia Pty Ltd  
 (11) AU-A-2018206751  
 (21) 2018206751 (22) 18.07.2018  
 (54) Lock Mechanism  
 (51) Int. Cl.  
**E05C 1/02** ( 2006.01 )  
**E05B 63/20** ( 2006.01 )  
**E05B 65/08** ( 2006.01 )  
**E05C 19/02** ( 2006.01 )  
 (31) 2017902812 (32) 18.07.17 (33) AU  
 (43) 07.02.2019  
 (72) Pelekanos, Styli; Winkler, Stephanie  
 (74) Davies Collison Cave Pty Ltd

(71) Amazon Technologies, Inc.  
 (11) AU-A-2019200419  
 (21) 2019200419 (22) 16.01.2019  
 (54) Data security operations with expectations  
 (51) Int. Cl.  
**H04L 29/06** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2015381756  
 (72) Rubin, Gregory Alan; Roth, Gregory Branchek  
 (74) Davies Collison Cave Pty Ltd

(71) American Express Travel Related Services Company, Inc.  
 (11) AU-A-2019200362  
 (21) 2019200362 (22) 18.01.2019  
 (54) Systems and methods for dynamic proximity based e-commerce transactions  
 (51) Int. Cl.  
**G06Q 30/00** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2017201307  
 (72) BASHEERAHAMMED, Sibish Neelikatil; DURVASULA, Sastry VSM; MANIVANNAN, Premkumar; MATHUR, Anuj K.; MUTHUKRISHNAN, Sathish B.; NORMAN, Philip; WILMES, Robert; WOLF, David M.  
 (74) FB Rice Pty Ltd

(71) Amgen Inc.  
 (11) AU-A-2019200273  
 (21) 2019200273 (22) 17.01.2019  
 (54) Heterodimeric immunoglobulins  
 (51) Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )

**C07K 16/46** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2013347963  
 (72) KANNAN, Gunasekaran; FLORIO, Monica; LIU, Zhi; YAN, Wei  
 (74) Davies Collison Cave Pty Ltd

(71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2019200338  
 (21) 2019200338 (22) 18.01.2019  
 (54) CARD SHOE APPARATUS AND GAME SYSTEM  
 (51) Int. Cl.  
**A63F 1/12** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2016262639  
 (72) Shigeta, Yasushi  
 (74) Pizzveys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019200295  
 (21) 2019200295 (22) 17.01.2019  
 (54) Far-field extension for digital assistant services  
 (51) Int. Cl.  
**G10L 15/30** ( 2013.01 )  
**G06F 3/16** ( 2006.01 )  
**G10L 15/22** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2018271099  
 (72) KIM, Yoon; SRISUWANANUKORN, Charles; CARSON, David A.; GRUBER, Thomas R.; BINDER, Justin G.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019200296  
 (21) 2019200296 (22) 17.01.2019  
 (54) Intelligent automated assistant  
 (51) Int. Cl.  
**G06F 17/27** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2017204217  
 (72) GRUBER, Thomas R.; CHEYER, Adam J.; KEEN, Daniel  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019200360  
 (21) 2019200360 (22) 18.01.2019  
 (54) Implementation of biometric authentication  
 (51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
 (43) 07.02.2019  
 (62) 2018279788  
 (72) VAN OS, Marcel; ABBASIAN, Reza; ANTON, Peter D.; BEHZADI, Arian; BERNSTEIN, Jeffrey Traer; DASCOLA, Jonathan R.; DEVINE, Lynne; DRYER, Allison; FOSS, Christopher Patrick; GRIFFIN, Bradley W.; LEMMENS, Cas; MALIA, Joseph A.; MARI, Pedro; MOHSENI, Daamun; MOUILLESEAUX, Jean-Pierre M.; MOUSSETTE, Camille;

PAUL, Grant; PRESTON, Daniel Trent; PUGH, Chelsea E.; SHARMA, Praveen; TYLER, William M.; VERWEIJ, Hugo; YING, Charles H.; YERKES, Giancarlo; DYE, Alan C.; IVE, Jonathan P.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019200365  
 (21) 2019200365 (22) 18.01.2019  
 (54) Case for a portable listening device  
 (51) Int. Cl.  
**A45C 13/34** ( 2006.01 )  
**H04M 1/725** ( 2006.01 )  
**H04W 4/20** ( 2009.01 )  
**H04W 88/02** ( 2009.01 )  
**H04W 92/18** ( 2009.01 )  
 (43) 07.02.2019  
 (62) 2017279776  
 (72) Albonico, Marcus; Yang, Shannon X.; Panecki, Lee M.; Chawan, Arun D.; LeBlanc, Jason J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019200416  
 (21) 2019200416 (22) 22.01.2019  
 (54) Wireless pairing of earbuds and case  
 (51) Int. Cl.  
**A45C 13/34** ( 2006.01 )  
**H04M 1/725** ( 2006.01 )  
**H04W 4/20** ( 2009.01 )  
**H04W 88/02** ( 2009.01 )  
**H04W 92/18** ( 2009.01 )  
 (43) 07.02.2019  
 (62) 2017279776  
 (72) Albonico, Marcus; Yang, Shannon X.; Panecki, Lee M.; Chawan, Arun D.; LeBlanc, Jason J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019200417  
 (21) 2019200417 (22) 22.01.2019  
 (54) Case for a portable listening device  
 (51) Int. Cl.  
**A45C 13/34** ( 2006.01 )  
**H04M 1/725** ( 2006.01 )  
**H04W 4/20** ( 2009.01 )  
**H04W 88/02** ( 2009.01 )  
**H04W 92/18** ( 2009.01 )  
 (43) 07.02.2019  
 (62) 2017279776  
 (72) Chawan, Arun D.; Panecki, Lee M.; Z#rkend#rfer, Rico L.; Stiehl, Kurt; Graham, Christopher S.; Walton, Christopher J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Arch Wood Protection, Inc.  
 (11) AU-A-2019200383  
 (21) 2019200383 (22) 21.01.2019  
 (54) Wood preservative composition  
 (51) Int. Cl.  
**B27K 3/22** ( 2006.01 )  
**C08L 79/02** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 07.02.2019  
 (62) 2015253030  
 (72) Thompson, Kimberlee; Thomason, Susan; Valcke, Alex; Cantrell, David  
 (74) Shelston IP Pty Ltd.
- 
- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2018204021  
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**B65B 19/04** ( 2006.01 )  
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*G01N 33/68* ( 2006.01 )  
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**C07D 471/04** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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**B65B 51/06** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(54)** ASSOCIATIVE OBJECT TRACKING SYSTEMS AND METHODS  
**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
*A43C 19/00* ( 2006.01 )  
*A43B 5/02* ( 2006.01 )  
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**(51)** Int. Cl.  
*G06Q 50/06* ( 2012.01 )  
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**(21)** 2019200279 (22) 17.01.2019  
**(54)** Manually-actuated reduced pressure treatment system having regulated pressure capabilities  
**(51)** Int. Cl.  
*A61M 1/00* ( 2006.01 )  
*F04B 33/00* ( 2006.01 )  
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**(54)** PURIFICATION STRUCTURE OF HEAT DISSIPATOR  
**(51)** Int. Cl.  
*F24F 13/00* ( 2006.01 )  
*F24F 1/02* ( 2011.01 )  
*F24F 1/42* ( 2011.01 )  
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**(54)** FENCING COMPONENT  
**(51)** Int. Cl.  
*E04H 17/02* ( 2006.01 )  
**(31)** 2017905152 (32) 22.12.17 (33) AU  
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**(43)** 07.02.2019  
**(72)** Lee, Jayden  
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**(54)** Laundry treating apparatus  
**(51)** Int. Cl.  
*D06F 39/02* ( 2006.01 )  
*D06F 37/02* ( 2006.01 )  
*D06F 37/26* ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(54)** Water purifier  
**(51)** Int. Cl.  
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**(54)** Water dispensing apparatus and method of controlling the same  
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*B67D 3/00* ( 2006.01 )  
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**(54)** Laundry treating apparatus  
**(51)** Int. Cl.  
*D06F 39/12* ( 2006.01 )  
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**(31)** 10-2017-0091637 (32) 19.07.17 (33) KR  
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**(72)** Lee, Jihong; Sang, Minkyu  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Lion Group, Inc.  
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**(51)** Int. Cl.  
*G09B 19/00* ( 2006.01 )  
**(43)** 07.02.2019  
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**(51)** Int. Cl.  
*G02B 27/01* ( 2006.01 )  
*F21V 8/00* ( 2006.01 )  
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 METHOD THEREOF  
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 FOR CONTROLLING SAME  
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 D06F 37/18 ( 2006.01 )  
 D06F 33/02 ( 2006.01 )  
 D06F 37/28 ( 2006.01 )  
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A01K 21/00 ( 2006.01 )  
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G06T 7/194 ( 2017.01 )  
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G01N 21/84 ( 2006.01 )  
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 sion and methods of use thereof  
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 personal epigenomics  
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 CONTAINING AZEOTROPIC OR  
 AZEOTROPE-LIKE MIXTURES

CONTAINING Z-1,1,1,4,4,4-HEXA-  
 FLUORO-2-BUTENE AND THEIR  
 USES IN THE PREPARATION OF  
 POLYISOCYANATE-BASED FOAMS  
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*C08G 18/48* ( 2006.01 )  
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 teractive dispenser  
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*C12N 15/11* ( 2006.01 )  
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 tem for navigating thereof  
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*G05D 1/02* ( 2006.01 )  
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2017206160	Webb, F.	2019200225	Align Technology, Inc
2017206175	Rapid Spray Pty Ltd	2019200254	Total SA
2017208196	Spiral Energy Corporation Pty Ltd	2019200263	FISHER & PAYKEL HEALTHCARE LIMITED
2017208218	Westinghouse Air Brake Technologies Corporation	2019200266	Salk Institute for Biological Studies
2017216598	Cherimulla Itty, T.	2019200268	OPKO Ireland Global Holdings, Ltd.
2017248484	LG Electronics Inc.	2019200273	Amgen Inc.
2017404568	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2019200274	SYNEXIS LLC
2017408796	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.	2019200275	Imagineering Plus Plus LLC; Jobdog, LLC
2017422764	China University of Mining and Technology	2019200276	BioMed Valley Discoveries, Inc.; The Johns Hopkins University
2017423559	LG Electronics Inc.	2019200278	OMICRON Electronics GmbH
2018200203	CRRC Qiqihar Rolling Stock Co., Ltd.	2019200279	KCI Licensing, Inc.
2018200759	Snap-on Incorporated	2019200282	Valeritas, Inc.
2018200768	Snap-on Incorporated	2019200283	General Electric Company
2018201054	LEADING STAND Ltd.	2019200285	Isolynx, LLC
2018201191	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2019200287	Isolynx, LLC
2018201476	Tata Consultancy Services Limited	2019200289	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
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2018201753	Tata Consultancy Services Limited	2019200292	Motorola Solutions, Inc.
2018203971	IGT	2019200294	The Board of Trustees of the Leland Stanford Junior University
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2018204082	Biosense Webster (Israel) Ltd.	2019200297	BRITISH AMERICAN TOBACCO MEXICO, S.A. DE C.V.
2018204084	Biosense Webster (Israel) Ltd.	2019200301	Intra-Cellular Therapies, Inc.
2018204091	Biosense Webster (Israel) Ltd.	2019200302	Wheeler, A.; Woolley, T.
2018204131	Aristocrat Technologies Australia Pty Limited	2019200305	Dow Global Technologies LLC
2018204238	Aristocrat Technologies Australia Pty Limited	2019200306	Bioverativ Therapeutics Inc.
2018204475	Aristocrat Technologies Australia Pty Limited	2019200307	The Coca-Cola Company
2018204610	Cardiac Pacemakers, Inc.	2019200308	Sunovion Pharmaceuticals Inc.
2018204677	Cristaudo, A.	2019200309	Google LLC
2018204718	Warsaw Orthopedic, Inc.	2019200310	The Board of Trustees of the Leland Stanford Junior University
2018204767	Covidien LP	2019200312	BR Invention Holding, LLC
2018204803	Eaton Intelligent Power Limited	2019200314	OBI Pharma, Inc.
2018204817	Masco Corporation	2019200315	Wright Medical Technology, Inc.
2018204881	INDUSTRIAS REUNIDAS COLOMBO LTDA.	2019200316	Meso Scale Technologies, LLC
2018204910	VIAVI Solutions Inc.	2019200319	Illumina, Inc.
2018205065	SIMONELLI GROUP S.P.A.	2019200320	NEC Corporation
2018205080	Illinois Tool Works Inc.	2019200328	GE Video Compression, LLC
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2018205125	Caterpillar Inc.	2019200330	British American Tobacco (Investments) Limited
2018205144	TOWHAUL CORPORATION	2019200333	Gilead Sciences, Inc.
2018205203	Gruppo Cimbali S.p.A.	2019200334	Daly, A.
2018206698	Pall Corporation	2019200335	Incyte Holdings Corporation
2018206715	Lee, J.	2019200337	Uber Technologies, Inc.
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				<b>B65B 51 /-</b> 2018206801	

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<b>C07D 405 /-</b> 2019200339	<b>C08G 18 /-</b> 2019200463	<b>D06M 13 /-</b> 2019200204	<b>F03B 17 /-</b> 2017208196	<b>G01N 33 /-</b> 2019200254 2019200368	<b>G06Q 40 /-</b> 2019200378
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**No IPC Mark**

**Innovation Patents Open to Public Inspection**

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. (\*) 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.)

<p>(71) 1 Space Pty Ltd (11) AU-A-2019100006 (21) 2019100006 (22) 04.01.2019 (54) Modular Buildings (51) Int. Cl. E04B 1/348 ( 2006.01 ) E04B 1/343 ( 2006.01 ) E04H 1/00 ( 2006.01 ) (45) 07.02.2019 (62) 2017200285 (72) Unger, Susan (74) IP Sentinels Patent and Trademark Attorneys</p>	<p>(54) Bacteriostatic agent 2-hydroxypropionic acid production plant (51) Int. Cl. C07C 51/00 ( 2006.01 ) B01J 19/00 ( 2006.01 ) (31) 2017112941391 (32) 08.12.17 (33) CN (45) 07.02.2019 (72) Peng, Xiangliang (74) QIAN HU</p>	<p>(54) The cloud based out of band network management, network high availability and distributed application visibility in a box solution changes the current work-flow of out of band network management. It also changes the network application visibility architecture. With cloud based OOB, network engineer only needs login to a web portal and manages all network devices from the portal. With distributed application visibility, all computing/processing is handled by remote device, it is not handled centrally. This architecture can scale to millions of remote devices per server. (51) Int. Cl. G06F 16/00 ( 2019.01 ) (31) 2018904636 (32) 06.12.18 (33) AU (45) 07.02.2019 (72) He, Shuchen (74) Shuchen He</p>
<p>(71) AL &amp; BEL PTY LTD (11) AU-A-2018102117 (21) 2018102117 (22) 21.12.2018 (54) IMPROVED GREETING CARD SYSTEM AND GREETING CARD (51) Int. Cl. B42D 15/02 ( 2006.01 ) (45) 07.02.2019 (72) Donovan, Belinda (74) IP GATEWAY PATENT &amp; TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) COMPETITIVE EDGE TECHNOLOGY PTY LTD (11) AU-A-2018102105 (21) 2018102105 (22) 20.12.2018 (54) Method and Technology Components for Migrating (and Maintaining) Personal Data to a Private Permissioned Blockchain from Human Resource Legacy Systems via a Pre-Built Data Platform (51) Int. Cl. G06Q 10/06 ( 2012.01 ) (31) 2018903133 (32) 24.08.18 (33) AU (45) 07.02.2019 (72) Macy, John (74) COMPETITIVE EDGE TECHNOLOGY PTY LTD</p>	<p>(71) Henan Normal University (11) AU-A-2018102061 (21) 2018102061 (22) 13.12.2018 (54) A novel CS-VQ based image encryption scheme (51) Int. Cl. H04L 9/14 ( 2006.01 ) G06T 7/00 ( 2017.01 ) H04N 19/00 ( 2014.01 ) (45) 07.02.2019 (72) Li, Ming; Li, Ruiping; Fan, Haiju; Zhang, En (74) Ming Li</p>
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<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (11) AU-A-2018101876 (21) 2018101876 (22) 30.11.2018</p>	<p>(71) He, S. (11) AU-A-2018102093 (21) 2018102093 (22) 19.12.2018</p>	



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 (54) Hair Hooks  
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<b>2018101876</b>	Chengdu Li Wei Er Technology Co., Ltd.
<b>2018101982</b>	Chengdu Hui Si Dun Technology Co., Ltd.
<b>2018101983</b>	Chengdu Hui Si Dun Technology Co., Ltd.
<b>2018102061</b>	Henan Normal University
<b>2018102082</b>	Fedorenko, A.
<b>2018102093</b>	He, S.
<b>2018102101</b>	Schwartz, A.
<b>2018102103</b>	Minifie, G.
<b>2018102105</b>	COMPETITIVE EDGE TECHNOLOGY PTY LTD
<b>2018102107</b>	TEKNO NRG PTY LTD
<b>2018102109</b>	iMFLUX Inc.
<b>2018102111</b>	Outotec (Finland) Oy
<b>2018102112</b>	Sayfa R&D Pty Ltd
<b>2018102113</b>	POLLEN CONSULTING GROUP PTY LTD
<b>2018102114</b>	Smith, G.
<b>2018102117</b>	AL & BEL PTY LTD
<b>2018102118</b>	eslick, r.
<b>2018102122</b>	LEADVISION PTY. LTD
<b>2018102123</b>	Markiz, N.
<b>2019100001</b>	Ocean University of China
<b>2019100003</b>	Hwang, C.
<b>2019100004</b>	Razer (Asia-Pacific) Pte Ltd.
<b>2019100006</b>	1 Space Pty Ltd

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2018101859	2018102112	2018102061
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2018101982	2018102093	
2018101983	<b><u>G06F 17 /-</u></b>	
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2018102118	2018102122	
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	2018102113	
	2018102122	
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2018102107	2018102114	
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2018102112	2018102114	
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2018101876	2018102113	
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**(72)** McAndrew, Paul; Burke, Matthew Piers  
**(74)** Madderns Pty Ltd
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- (71)** AK Steel Properties, Inc.  
**(11)** AU-A-2017308852  
**(21)** 2017308852 **(22)** 09.08.2017  
**(54)** Tundish funnel  
**(51)** Int. Cl.  
*B22D 41/50* ( 2006.01 )  
*B22D 11/103* ( 2006.01 )  
*B22D 11/106* ( 2006.01 )  
*B22D 37/00* ( 2006.01 )  
**(87)** WO2018/031670  
**(31)** 62/372,431 **(32)** 09.08.16 **(33)** US  
**(43)** 15.02.2018  
**(72)** Hartley, Michael Ryan; Higa, Ken Morales  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Alcoa USA Corp.  
**(11)** AU-A-2017292865  
**(21)** 2017292865 **(22)** 07.07.2017  
**(54)** Advanced aluminum electrolysis cell  
**(51)** Int. Cl.  
*C25C 3/08* ( 2006.01 )  
*C25C 3/06* ( 2006.01 )  
*C25C 3/16* ( 2006.01 )  
*C25C 3/18* ( 2006.01 )  
*C25C 7/02* ( 2006.01 )  
*C25C 7/04* ( 2006.01 )  
**(87)** WO2018/009862  
**(31)** 62/359,833 **(32)** 08.07.16 **(33)** US  
**(43)** 11.01.2018  
**(72)** Liu, Xinghua  
**(74)** WRAYS PTY LTD
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- (71)** Alfa Wassermann, Inc.  
**(11)** AU-A-2017299804  
**(21)** 2017299804 **(22)** 21.07.2017  
**(54)** Fluid handling systems and method for ultracentrifuges  
**(51)** Int. Cl.  
*G01N 1/18* ( 2006.01 )  
**(87)** WO2018/018009  
**(31)** 62/365,409 **(32)** 22.07.16 **(33)** US  
**(43)** 25.01.2018  
**(72)** Spiegel, Kurt; March, Blaine J.; Deblasis, Christopher A.; Garcia, Fernando J.; Lynes, Ian Eric; Hathaway, Raymond A.  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Alibaba Group Holding Limited  
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**(21)** 2017280384 **(22)** 09.06.2017  
**(54)** Resource processing method and apparatus  
**(51)** Int. Cl.  
*G06Q 10/06* ( 2012.01 )  
**(87)** WO2017/219874  
**(31)** 201610461033.5 **(32)** 22.06.16 **(33)** CN
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**(72)** Zhuang, Li  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** AME2 Pte Ltd  
**(11)** AU-A-2017347309  
**(21)** 2017347309 **(22)** 02.10.2017  
**(54)** System and method for off-shore and in-shore aquaculture using floating closed containment farming and amalgamated facility  
**(51)** Int. Cl.  
*A01K 61/60* ( 2017.01 )  
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**(43)** 26.04.2018  
**(72)** Leow, Ban Tat  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Amgen Inc.  
**(11)** AU-A-2017298984  
**(21)** 2017298984 **(22)** 21.07.2017  
**(54)** Methods of purifying Fc-containing proteins  
**(51)** Int. Cl.  
*C07K 1/22* ( 2006.01 )  
*C07K 1/34* ( 2006.01 )  
*C07K 16/00* ( 2006.01 )  
**(87)** WO2018/018011  
**(31)** 62/365,943 **(32)** 22.07.16 **(33)** US  
**(43)** 25.01.2018  
**(72)** Kawooya, John K.  
**(74)** Shelston IP Pty Ltd.
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- (71)** Amyris, Inc.  
**(11)** AU-A-2017308143  
**(21)** 2017308143 **(22)** 11.08.2017  
**(54)** UDP-dependent glycosyltransferase for high efficiency production of rebaudiosides  
**(51)** Int. Cl.  
*A23L 2/60* ( 2006.01 )  
*C12N 9/10* ( 2006.01 )  
*C12N 9/90* ( 2006.01 )  
*C12N 15/81* ( 2006.01 )  
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**(31)** 62/374,408 **(32)** 12.08.16 **(33)** US  
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**(72)** Zhao, Lishan; Li, Wenzong; Wichmann, Gale; Khankhoje, Aditi; Garcia De Gonzalo, Chantal; Mahatdejkul-Meadows, Tina; Jackson, Shaina; Leavell, Michael; Platt, Darren  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Andritz AG  
**(11)** AU-A-2017318207  
**(21)** 2017318207 **(22)** 27.07.2017  
**(54)** Process for isolation of hemicelluloses from biomass pulping process waters or spent liquors  
**(51)** Int. Cl.  
*D21C 11/00* ( 2006.01 )  
*D21C 11/04* ( 2006.01 )  
*D21C 11/10* ( 2006.01 )  
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**(43)** 08.03.2018  
**(72)** Shagaev, Oleg; Wiesegger, Lukas  
**(74)** Spruson & Ferguson
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- (71)** Angany Inc.  
**(11)** AU-A-2017303820  
**(21)** 2017303820 **(22)** 28.07.2017  
**(54)** Pseudo-viral particles and uses of same  
**(51)** Int. Cl.  
*C07K 14/435* ( 2006.01 )  
*A61K 39/35* ( 2006.01 )  
**(87)** WO2018/020195  
**(31)** 16 57424 **(32)** 29.07.16 **(33)** FR  
**(43)** 01.02.2018  
**(72)** Gomord, Véronique; Vezina, Louis-Philippe; Faye, Loïc; Catala, Virginie; Fitchette, Anne-Catherine  
**(74)** Spruson & Ferguson
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- (71)** Angel Playing Cards Co., Ltd.  
**(11)** AU-A-2017305825  
**(21)** 2017305825 **(22)** 27.07.2017  
**(54)** Game management system  
**(51)** Int. Cl.  
*A63F 1/06* ( 2006.01 )  
*A63F 1/14* ( 2006.01 )  
**(87)** WO2018/025752  
**(31)** PCT/ **(32)** 02.08.16 **(33)** JP  
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**(72)** Shigeta, Yasushi  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Anticimex Innovation Center A/S  
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**(21)** 2017287797 **(22)** 29.06.2017  
**(54)** A trap and a method for using a trap  
**(51)** Int. Cl.  
*A01M 23/12* ( 2006.01 )  
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**(43)** 04.01.2018  
**(72)** Fritzbøgger, Preben  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Apple Inc.  
**(11)** AU-A-2017302420  
**(21)** 2017302420 **(22)** 13.07.2017  
**(54)** Systems, devices, and methods for dynamically providing user interface controls at a touch-sensitive secondary display  
**(51)** Int. Cl.  
*G06F 3/0488* ( 2013.01 )  
*G06F 1/16* ( 2006.01 )  
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**(72)** Sepulveda, Raymond S.; Wong, Chun Kin Minor; Coffman, Patrick L.; Edwards, Dylan R.; Wilson, Eric Lance; Suzuki, Gregg S.; Wilson, Christopher I.; Yang, Lawrence Y.; Souza Dos San-

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**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Apple Inc.  
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**(54)** Systems and methods for in-frame sensing and adaptive sensing control  
**(51)** Int. Cl.  
**G09G 3/32** ( 2006.01 )  
**G09G 3/3225** ( 2016.01 )  
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**(72)** Lin, Hung Sheng; Nho, Hyunwoo; Ryu, Jie Won; Tan, Junhua; Chang, Sun-Il  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Apple Inc.  
**(11)** AU-A-2018275691  
**(21)** 2018275691 **(22)** 31.05.2018  
**(54)** Wearable computer with fitness machine connectivity for improved activity monitoring  
**(51)** Int. Cl.  
**G16H 20/30** ( 2018.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Arevo AB  
**(11)** AU-A-2017281057  
**(21)** 2017281057 **(22)** 22.06.2017  
**(54)** Fertilizer composition comprising a zeolite and basic L-amino acid  
**(51)** Int. Cl.  
**C05C 11/00** ( 2006.01 )  
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**(74)** Shelston IP Pty Ltd.
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**(11)** AU-A-2017310057  
**(21)** 2017310057 **(22)** 21.07.2017  
**(54)** Aqueous alkyd dispersions with improved application performances in terms of resistance to blocking and yellowing, hardness development and shine  
**(51)** Int. Cl.  
**C08H 99/00** ( 2010.01 )  
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**(72)** Riondel, Alain; Harlay, Emilie; Kurczak, Michael; Mazajczyk, Jérôme; Beurdeley, Patricia; Chaineau, Cécile  
**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** Arthrex, Inc.  
**(11)** AU-A-2017312514  
**(21)** 2017312514 **(22)** 11.08.2017  
**(54)** Methods of fixating tissue to bone  
**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
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**(43)** 22.02.2018  
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**(74)** Spruson & Ferguson
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- (71)** Arvos Ljungstrom LLC  
**(11)** AU-A-2017291660  
**(21)** 2017291660 **(22)** 13.01.2017  
**(54)** Method and system for improving boiler effectiveness  
**(51)** Int. Cl.  
**F22B 37/00** ( 2006.01 )  
**B01D 53/50** ( 2006.01 )  
**F22B 37/02** ( 2006.01 )  
**F23J 15/00** ( 2006.01 )  
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**(72)** O'Boyle, Kevin; Mattison, Glenn D.  
**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** Arvos Ljungstrom LLC  
**(11)** AU-A-2017292939  
**(21)** 2017292939 **(22)** 10.07.2017  
**(54)** Method and system for improving boiler effectiveness  
**(51)** Int. Cl.  
**F22B 37/00** ( 2006.01 )  
**B01D 53/50** ( 2006.01 )  
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- (71)** Atlas Waste Technologies Limited  
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- (54)** Water treatment plant and related process  
**(51)** Int. Cl.  
**C02F 9/00** ( 2006.01 )  
**C02F 1/00** ( 2006.01 )  
**C02F 1/02** ( 2006.01 )  
**C02F 1/04** ( 2006.01 )  
**C02F 1/28** ( 2006.01 )  
**C02F 1/32** ( 2006.01 )  
**C02F 1/42** ( 2006.01 )  
**C02F 101/20** ( 2006.01 )  
**C02F 101/30** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick
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**(11)** AU-A-2017301596  
**(21)** 2017301596 **(22)** 25.07.2017  
**(54)** Methods of diagnosing and treating Alzheimer's disease with S-equal  
**(51)** Int. Cl.  
**A61K 31/353** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12Q 1/26** ( 2006.01 )  
**C12Q 1/48** ( 2006.01 )  
**(87)** WO2018/022604  
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**(43)** 01.02.2018  
**(72)** Jackson, Richard L.  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Australian Coil Services Pty Ltd  
**(11)** AU-A-2017301110  
**(21)** 2017301110 **(22)** 27.07.2017  
**(54)** Method and apparatus for live well installation and retrieval of coiled tubing with a cable inside  
**(51)** Int. Cl.  
**E21B 33/128** ( 2006.01 )  
**E21B 33/129** ( 2006.01 )  
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**(72)** Luchak, Steven Peter  
**(74)** HopgoodGanim
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**(54)** Devices, systems, and methods for treatment of heart failure by splanchnic nerve ablation  
**(51)** Int. Cl.  
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**A01K 27/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**B62K 15/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**H01M 8/2485** ( 2016.01 )  
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**(51)** Int. Cl.  
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**H01M 8/086** ( 2016.01 )  
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**(51)** Int. Cl.  
**A61K 9/14** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
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**A61K 31/01** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
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**(51)** Int. Cl.  
**C23F 11/08** ( 2006.01 )  
**C02F 5/10** ( 2006.01 )  
**C02F 5/12** ( 2006.01 )  
**C23F 11/173** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
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**(51)** Int. Cl.  
**E01F 13/12** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
**E21B 49/00** ( 2006.01 )  
**E21B 21/01** ( 2006.01 )  
**E21B 21/07** ( 2006.01 )  
**E02D 1/02** ( 2006.01 )  
**G01N 33/24** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 9/48** ( 2006.01 )  
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**A61K 39/395** ( 2006.01 )  
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**H01L 51/42** ( 2006.01 )  
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 (51) Int. Cl.  
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**E21B 47/14** ( 2006.01 )  
**E21B 47/16** ( 2006.01 )  
**E21B 47/18** ( 2006.01 )  
**H04B 11/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
**B63B 21/50** ( 2006.01 )  
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 (54) Pressure relief device for centrifugal pump  
 (51) Int. Cl.  
**F04D 7/04** ( 2006.01 )  
**F04D 15/00** ( 2006.01 )  
**F16K 17/14** ( 2006.01 )

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**(74)** FPA Patent Attorneys Pty Ltd
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**(54)** A food product and method of manufacture  
**(51)** Int. Cl.  
**A23G 1/40** ( 2006.01 )  
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**(31)** 2017902052 **(32)** 30.05.17 **(33)** AU  
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**(74)** Watermark Intellectual Property Pty Ltd
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**(21)** 2017302597 **(22)** 28.07.2017  
**(54)** Marker system to confirm proper agrochemical compositions and formulations  
**(51)** Int. Cl.  
**A01N 25/00** ( 2006.01 )  
**G01N 31/00** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
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**(31)** 62/368,649 **(32)** 29.07.16 **(33)** US  
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**(74)** Watermark Intellectual Property Pty Ltd
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- (71)** Forschungsverbund Berlin e.V.; Ludwig-Maximilians-Universität München  
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**(21)** 2017320913 **(22)** 01.09.2017  
**(54)** Chemoselective thiol-conjugation with alkene or alkyne-phosphonamidates  
**(51)** Int. Cl.  
**C07K 1/107** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
**A61K 47/64** ( 2017.01 )  
**A61K 47/68** ( 2017.01 )  
**C07K 1/113** ( 2006.01 )  
**C07K 1/13** ( 2006.01 )  
**C07K 1/22** ( 2006.01 )  
**C07K 14/82** ( 2006.01 )  
**(87)** WO2018/041985  
**(31)** 16001917.0 **(32)** 01.09.16 **(33)** EP  
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**(74)** WRAYS PTY LTD
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**(11)** AU-A-2017283270  
**(21)** 2017283270 **(22)** 22.05.2017  
**(54)** Volatile liquid dispensing system  
**(51)** Int. Cl.
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**(87)** WO2017/221264  
**(31)** 201621021000 **(32)** 20.06.16 **(33)** IN  
**(43)** 28.12.2017  
**(72)** Jassem, K. M. Hydros; Mohamed, Puthiya Kottal Saquib  
**(74)** Baxter Patent Attorneys Pty Ltd
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**(21)** 2017327721 **(22)** 14.06.2017  
**(54)** Remote fluid grip tong  
**(51)** Int. Cl.  
**E21B 19/16** ( 2006.01 )  
**(87)** WO2018/052501  
**(31)** 15/263,938 **(32)** 13.09.16 **(33)** US  
**(43)** 22.03.2018  
**(72)** Clostio, Thomas J.; Jabusch, Tyler; Brown, Dougal  
**(74)** Origin Patent and Trade Mark Attorneys
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**(11)** AU-A-2017331074  
**(21)** 2017331074 **(22)** 14.06.2017  
**(54)** Integrated tubular handling system  
**(51)** Int. Cl.  
**E21B 7/20** ( 2006.01 )  
**E21B 19/08** ( 2006.01 )  
**E21B 19/16** ( 2006.01 )  
**(87)** WO2018/057074  
**(31)** 15/273,895 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Boulligny, Vernon; Angelle, Jeremy R.; Thibodeaux, Robert L.; Lambert, Travis; Bernard, Timothy  
**(74)** Origin Patent and Trade Mark Attorneys
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- (71)** Frank's International, LLC  
**(11)** AU-A-2017331075  
**(21)** 2017331075 **(22)** 14.06.2017  
**(54)** Worm-drive power tong  
**(51)** Int. Cl.  
**E21B 19/16** ( 2006.01 )  
**F16H 1/16** ( 2006.01 )  
**(87)** WO2018/057075  
**(31)** 15/273,983 **(32)** 23.09.16 **(33)** US  
**(43)** 29.03.2018  
**(72)** Boulligny, Vernon; Bernard, Timothy  
**(74)** Origin Patent and Trade Mark Attorneys
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- (71)** Frank's International, LLC  
**(11)** AU-A-2017342903  
**(21)** 2017342903 **(22)** 06.10.2017  
**(54)** Horseshoe slip elevator  
**(51)** Int. Cl.  
**E21B 19/07** ( 2006.01 )  
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**(74)** Origin Patent and Trade Mark Attorneys
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**C07D 403/14** ( 2006.01 )  
**A61K 51/04** ( 2006.01 )  
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**C07F 5/00** ( 2006.01 )  
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 A23P 10/40 (2016.01)  
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 F28D 11/00 (2006.01)  
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 H04M 1/725 (2006.01)  
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 A61M 1/36 (2006.01)  
 A61F 2/00 (2006.01)  
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*E01D 22/00* ( 2006.01 )  
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**(54)** A hearing loss alleviating device and method of use of same  
**(51)** Int. Cl.  
*A61N 5/06* ( 2006.01 )  
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*A61P 3/10* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 17/06* ( 2006.01 )  
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**(74)** Houlihan<sup>2</sup> Pty Ltd
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**(54)** Powered air purifying respirator with cylindrical cartridge  
**(51)** Int. Cl.  
*A62B 7/10* ( 2006.01 )  
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**(51)** Int. Cl.  
*G06F 12/08* ( 2006.01 )  
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*H01F 7/02* ( 2006.01 )  
*H03J 3/12* ( 2006.01 )  
*H03J 3/24* ( 2006.01 )  
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**(51)** Int. Cl.  
*A61J 1/10* ( 2006.01 )  
*A61J 1/20* ( 2006.01 )  
*A61M 5/172* ( 2006.01 )  
*B67D 7/76* ( 2010.01 )  
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**(51)** Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 16/46* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
*C12N 5/09* ( 2010.01 )  
*G01N 33/50* ( 2006.01 )  
*G01N 33/53* ( 2006.01 )  
*G01N 33/566* ( 2006.01 )  
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 (51) Int. Cl.  
*A01N 43/04* (2006.01)  
*A61K 39/00* (2006.01)  
*A61K 39/395* (2006.01)  
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*A01N 43/04* (2006.01)  
*A61K 39/00* (2006.01)  
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 (51) Int. Cl.  
*A01N 43/04* (2006.01)  
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 (51) Int. Cl.  
*C23C 2/06* (2006.01)  
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 (51) Int. Cl.  
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 (54) Method for making a treatment fluid comprising a diverting agent in flake form, and method of treating a well  
 (51) Int. Cl.  
*C09K 8/512* (2006.01)  
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*C09K 8/516* (2006.01)  
*C09K 8/68* (2006.01)  
*C09K 8/70* (2006.01)  
*C09K 8/88* (2006.01)  
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**A61B 5/00** ( 2006.01 )
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**B65B 69/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 31/33** ( 2006.01 )  
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**A61M 11/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**C12N 15/09** ( 2006.01 )  
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**G01N 33/68** ( 2006.01 )  
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**(54)** Optical coherence tomography device for otitis media  
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**A61B 1/00** ( 2006.01 )  
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**A61B 1/227** ( 2006.01 )  
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**(54)** Methods and compositions for treatment of epileptic disorders  
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**G06K 19/06** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07C 51/23** ( 2006.01 )  
**C07C 53/02** ( 2006.01 )  
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**(21)** 2017300601 **(22)** 17.07.2017  
**(54)** Method for separating formic acid from a reaction mixture by means of extraction  
**(51)** Int. Cl.  
**C07C 51/44** ( 2006.01 )  
**C07C 51/48** ( 2006.01 )  
**C07C 53/02** ( 2006.01 )  
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**(51)** Int. Cl.  
**H04L 27/26** ( 2006.01 )  
**H04J 1/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
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(51) Int. Cl.  
**E04G 5/14** ( 2006.01 )  
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**F02B 75/12** ( 2006.01 )  
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**F02D 41/38** ( 2006.01 )  
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**G06F 11/10** ( 2006.01 )  
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**H05K 1/02** ( 2006.01 )

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**C07K 16/24** ( 2006.01 )  
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*A61P 25/00* (2006.01)  
*C07D 401/12* (2006.01)  
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**F41J 5/00** ( 2006.01 )  
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**B32B 3/12** ( 2006.01 )  
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*C12N 9/22* ( 2006.01 )  
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*A61P 11/06* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 19/04* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*A61P 37/08* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2017308954 (22) 14.07.2017  
 (54) Apparatus and method for treating gypsum  
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 (21) 2017304845 (22) 23.05.2017  
 (54) Dispensing container  
 (51) Int. Cl.  
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 (74) FB Rice Pty Ltd
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 (21) 2017289331 (22) 29.06.2017  
 (54) Preservation of microorganisms  
 (51) Int. Cl.  
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*A61K 9/00* ( 2006.01 )  
*A61K 35/74* ( 2006.01 )  
*A61K 47/12* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
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 (31) 2016/5538 (32) 30.06.16 (33) BE  
 (43) 04.01.2018  
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 (74) Collison & Co
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- (71) Zebware AB  
 (11) AU-A-2017309774  
 (21) 2017309774 (22) 28.07.2017  
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 (51) Int. Cl.  
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 (72) Nilsson, Thomas  
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- (71) Zhang, S.  
 (11) AU-A-2017292952  
 (21) 2017292952 (22) 05.07.2017  
 (54) Power-variable motor and intelligent controller therefor  
 (51) Int. Cl.

Numerical Index

<b>2016411801</b>	360 Knee Systems Pty Ltd	<b>2017282666</b>	Otonexus Medical Technologies, Inc.
<b>2016412639</b>	Honeywell International Inc.	<b>2017282903</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Li- anyungang Runzhong Pharmaceutical Co., Ltd.; Cen- taurus Biopharma Co., Ltd.
<b>2016412932</b>	Troendle, J.; Qifeng, M.	<b>2017282933</b>	Centro de Inmunologia Molecular
<b>2016413654</b>	Hewlett-Packard Development Company, L.P.; Purdue Research Foundation	<b>2017283168</b>	Miwire ApS
<b>2016414201</b>	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG	<b>2017283270</b>	Fragrance Delivery Technologies Private Limited
<b>2016414417</b>	CQMS Pty Ltd	<b>2017283276</b>	Capretto Ehf.
<b>2016414688</b>	Proslide Technology Inc.	<b>2017285384</b>	Universidad De Los Andes; Cells For Cells, S.p.A.
<b>2016415957</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2017285406</b>	Achuk Environmental Solutions Pvt. Ltd.
<b>2016416199</b>	Lockheed Martin Energy, LLC	<b>2017285486</b>	Sarkissian, S.; Noiseux, N.; Val-Chum, Société en Com- mandite
<b>2016416373</b>	Raycont Ltd.	<b>2017285772</b>	Meiji Co., Ltd.
<b>2016416416</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2017285867</b>	LG Electronics Inc.
<b>2016416417</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2017286363</b>	Seb S.A.
<b>2016416435</b>	Colgate-Palmolive Company	<b>2017286869</b>	Rs Arastirma Egitim Danismanlik Sanayi Ticaret Anon- im Sirketi
<b>2016416524</b>	Wisconsin Alumni Research Foundation	<b>2017286900</b>	Black & Decker Inc.
<b>2016416525</b>	Hubbell Incorporated	<b>2017287014</b>	Cylite Pty Ltd
<b>2016416839</b>	Soletanche Freyssinet	<b>2017287187</b>	Wuhan TTium Motor Technology Co., Ltd.
<b>2016417934</b>	Ginda New-Tech Co., Ltd.	<b>2017287553</b>	Yin, J.; Hangzhou Sanyintai Pharmaceutical Technology Co., Ltd.
<b>2016418409</b>	Tobra Medical, Inc.	<b>2017287686</b>	Samsung Electronics Co., Ltd.
<b>2016423177</b>	Halliburton Energy Services, Inc.	<b>2017287702</b>	Loggo IP Pty Ltd
<b>2016423907</b>	Mitsubishi Electric Corporation	<b>2017287706</b>	D & D Group Pty Ltd
<b>2017277594</b>	MedImmune Limited	<b>2017287716</b>	Moghu Research Center Ltd.; Korea Research Institute of Chemical Technology
<b>2017277767</b>	Becton, Dickinson and Company	<b>2017287797</b>	Anticimex Innovation Center A/S
<b>2017279846</b>	Robert Bosch GmbH	<b>2017287855</b>	LGC Genomics Limited; LGC Genomics GmbH
<b>2017280065</b>	Aeras; Oregon Health and Science University	<b>2017288105</b>	Nuvasive, Inc.
<b>2017280083</b>	Carless, G.	<b>2017288312</b>	Buck-Chemie GmbH
<b>2017280095</b>	Heigel Industrial Solutions Pty Ltd	<b>2017288383</b>	Membion GmbH
<b>2017280100</b>	Dawson, L.	<b>2017288996</b>	Tovis Co., Ltd.
<b>2017280110</b>	NewSouth Innovations Pty Limited	<b>2017289038</b>	ChemoCentryx, Inc.
<b>2017280144</b>	Schleese Saddlery Service Ltd.	<b>2017289217</b>	Norwegian University of Science and Technology (NT- NU)
<b>2017280347</b>	Schneider Electric Systems USA, Inc.	<b>2017289322</b>	Telefonaktiebolaget LM Ericsson (publ)
<b>2017280350</b>	Schneider Electric Systems USA, Inc.	<b>2017289331</b>	Yun NV; Universiteit Antwerpen
<b>2017280352</b>	Schneider Electric Systems USA, Inc.	<b>2017289879</b>	Yeda Research and Development Co. Ltd.
<b>2017280384</b>	Alibaba Group Holding Limited	<b>2017290096</b>	Valorisation-Recherche, Limited Partnership
<b>2017280440</b>	Koofy Innovation Limited	<b>2017290231</b>	Sarepta Therapeutics, Inc.
<b>2017280489</b>	GEA TDS GmbH	<b>2017290353</b>	Tulavi Therapeutics, Inc.
<b>2017280491</b>	GEA TDS GmbH	<b>2017291449</b>	Petróleo Brasileiro S.A. - Petrobras
<b>2017281057</b>	Arevo AB	<b>2017291660</b>	Arvos Ljungstrom LLC
<b>2017281086</b>	The Charles Stark Draper Laboratory Inc.; Mass Eye and Ear Infirmary	<b>2017291661</b>	Satori Worldwide, LLC
<b>2017281204</b>	Winant, T.; Jeary, A.	<b>2017291708</b>	Waymo LLC
<b>2017281259</b>	Baker Hughes, a GE Company, LLC	<b>2017291827</b>	Ironwood Pharmaceuticals, Inc.
<b>2017281389</b>	ISA Pharmaceuticals B.V.	<b>2017291851</b>	Collectis
<b>2017281439</b>	Bristol-Myers Squibb Company	<b>2017292114</b>	Davey Bickford
<b>2017281568</b>	Specialites Pet Food	<b>2017292177</b>	Richter Gedeon Nyrt.
<b>2017281678</b>	Erimek Oy	<b>2017292184</b>	Staten Biotechnology B.V.
<b>2017281680</b>	Uwater Oy	<b>2017292377</b>	The University Court of The University of Edinburgh
<b>2017281681</b>	Uwater Oy	<b>2017292601</b>	Caterpillar Inc.
<b>2017281759</b>	Kessler Foundation Inc.; The United States Govern- ment as represented by the Department of Veterans Af- fairs	<b>2017292627</b>	Murthy, S.; De Clippeleir, H.; Debarbadillo, C.; Bott, C.; Klaus, S.; Wett, B.
<b>2017281791</b>	Fresenius Medical Care Holdings, Inc.	<b>2017292646</b>	Blade Therapeutics, Inc.
<b>2017281928</b>	The Charles Stark Draper Laboratory Inc.; Massachu- setts Eye and Ear Infirmary; Massachusetts Institute of Technology	<b>2017292711</b>	Laboratoire Francais du Fractionnement et des Biotech- nologies
<b>2017281941</b>	Opiant Pharmaceuticals, Inc.; Aegis Therapeutics LLC	<b>2017292811</b>	Ironwood Pharmaceuticals, Inc.
<b>2017282022</b>	CellProthera	<b>2017292865</b>	Alcoa USA Corp.
<b>2017282038</b>	Cognitive Skills Pvt Ltd.	<b>2017292918</b>	Cardurion Pharmaceuticals, LLC
<b>2017282065</b>	Reckitt Benckiser (Brands) Limited	<b>2017292939</b>	Arvos Ljungstrom LLC
<b>2017282075</b>	Smart Component Technologies Limited	<b>2017292952</b>	Zhang, S.
<b>2017282155</b>	Renown Marketing Limited	<b>2017293331</b>	Caterpillar Inc.
<b>2017282420</b>	National Cancer Center; Biomimetics Sympathies Inc.	<b>2017293400</b>	Advaxis, Inc.
<b>2017282656</b>	Data.world, Inc.; Jacob, B.K.; Loyens, J.; Griffith, D.L.; Hurt, B.A.; Le, T.M.; Reynolds, S.W.; Keen, A.A.; Boutros, J.; Zelenak, A.J.	<b>2017293472</b>	Tongue Lab Europe Ltd.
<b>2017282659</b>	Rutgers, The State University Of New Jersey; The Cur- ators of the University of Missouri	<b>2017293781</b>	Sperovie Biosciences, Inc.
		<b>2017293799</b>	Cala Health, Inc.

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2017293863	Cargill, Incorporated	2017300395	Neural Analytics, Inc.
2017295268	GEA TDS GmbH	2017300600	OxFA GmbH
2017295305	Piech, G.	2017300601	OxFA GmbH
2017295309	Larktale Pty Ltd; Dongguan Always Shine Daily Article Co., Ltd	2017300617	BASF SE
2017295442	Rijksuniversiteit Groningen	2017300647	IGM Biosciences, Inc.
2017295574	ST Electronics (Training & Simulation Systems) Pte. Ltd.	2017300652	Johnson & Johnson Visioncare, Inc.
2017295720	Vertex Pharmaceuticals Incorporated	2017300723	Synthos S.A.
2017295728	MAKO Surgical Corp.	2017300725	Synthos S.A.
2017295754	Luja Hansen, S.	2017300738	Les Laboratoires Servier; Novartis AG
2017295762	Evox Therapeutics Ltd	2017300777	GoFish Cam, Inc.
2017295863	Syros Pharmaceuticals, Inc.	2017300784	Eikon Corporation
2017295905	Evox Therapeutics Ltd	2017300786	Proteus Digital Health, Inc.
2017296055	Cardinalcommerce Corporation	2017300788	Dana-Farber Cancer Institute, Inc.
2017296326	Isolynx, LLC	2017300843	Celyad
2017296532	OMP Trade GmbH	2017300912	Fisher & Paykel Healthcare Limited
2017297405	U.S. Steel Tubular Products, Inc.	2017300965	Vac4All Pte. Ltd.
2017297457	Wang, Q.	2017300984	Orofino Pharmaceuticals Group Srl
2017297617	Light Field Lab, Inc.	2017301035	BrainStorm Cell Therapeutics Ltd
2017297650	Unisense A/S	2017301071	Sharp Kabushiki Kaisha
2017297728	Evox Therapeutics Ltd	2017301101	Y Bell Group Pty Ltd
2017297760	Evonik Degussa GmbH; DSM IP Assets B.V.	2017301106	Prism Surgical Designs Pty Ltd
2017297781	Imperial Innovations Ltd	2017301107	Helium 3 Resources Pty Ltd
2017297812	Universite Paris Descartes; Assistance Publique - Hopitaux de Paris; Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique (CNRS); Sorbonne Universite	2017301110	Australian Coil Services Pty Ltd
2017297881	Lesaffre et Compagnie	2017301115	Shelverton Holdings Pty Ltd
2017297961	Samsung Electronics Co., Ltd.	2017301122	Vodasafe Inc.
2017298014	Machine Engineering Systems Pty Ltd	2017301293	Sumitomo Chemical Company, Limited
2017298202	Burch, L.	2017301396	Cook Medical Technologies LLC
2017298263	Mylan Inc.	2017301399	Cook Medical Technologies LLC
2017298279	Sail Fusion, LLC	2017301401	Proteus Industries, Inc.
2017298422	Telefonaktiebolaget LM Ericsson (Publ)	2017301435	Magic Leap, Inc.
2017298438	Ishihara Sangyo Kaisha, Ltd.	2017301437	Molecular Imprints, Inc.
2017298463	University of Maryland, Baltimore	2017301511	Cerapedics, Inc.
2017298481	Edwards Lifesciences Corporation	2017301556	A&E Advanced Closure Systems, LLC
2017298483	IGM Biosciences, Inc.	2017301586	Thermacell Repellents, Inc.
2017298559	Nurture NOP Pty Ltd	2017301596	Ausio Pharmaceuticals, LLC
2017298615	Coopers Fire Limited	2017301617	Jadhav, A.
2017298634	Simple Refueling Ltd.	2017301632	Accriva Diagnostics, Inc.
2017298656	Novartis AG	2017301641	Illinois Tool Works Inc.
2017298699	Dongguan Prestige Sporting Products Co., Ltd.	2017301645	Imprimis Pharmaceuticals, Inc.
2017298700	Dongguan Prestige Sporting Products Co., Ltd.	2017301669	Cook Medical Technologies LLC
2017298979	Abeeway	2017301690	Prolitec Inc.
2017298984	Amgen Inc.	2017301747	Bardex Corporation
2017299162	BioNTech RNA Pharmaceuticals GmbH	2017301770	Ivanti, Inc.
2017299192	qonqave GmbH	2017301813	Monsanto Technology LLC
2017299214	Evox Therapeutics Ltd	2017301819	Cornell University; Adverum Biotechnologies, Inc.
2017299334	Glory Ltd.	2017301872	Juno Therapeutics, Inc.
2017299506	Janssen Pharmaceutica NV	2017301880	Juno Therapeutics, Inc.
2017299587	Winterfield, R.W.	2017301881	Juno Therapeutics, Inc.
2017299608	IGM Biosciences, Inc.	2017301887	Juno Therapeutics, Inc.
2017299610	IGM Biosciences, Inc.	2017301911	Axon Therapies, Inc.
2017299655	Huawei Technologies Co., Ltd.	2017301936	Veolia Water Technologies, Inc.
2017299673	Janssen Pharmaceutica NV	2017301971	BASF SE
2017299685	Sasol South Africa (Pty) Ltd.	2017301985	British American Tobacco (Investments) Limited
2017299781	Cleveland Heartlab, Inc.	2017301998	Peri GmbH
2017299786	Isa, R.	2017301999	Frauscher Sensortechnik GmbH
2017299804	Alfa Wassermann, Inc.	2017302013	The Regents of the University of California; The Trustees of the University of Pennsylvania
2017299858	The University of British Columbia; Promis Neurosciences, Inc.	2017302019	TP Therapeutics, Inc.
2017300035	Evox Therapeutics Ltd	2017302126	United Kingdom Research and Innovation
2017300080	The Gill Corporation	2017302240	Ecolab USA Inc.
2017300096	The Council of the Queensland Institute of Medical Research	2017302282	Acceleron Pharma Inc.
2017300122	Cossington Limited	2017302300	The Board of Trustees of the Leland Stanford Junior University
2017300180	Carimali S.p.A. Con Socio Unico	2017302333	Cook Medical Technologies LLC
2017300277	Regeneron Pharmaceuticals Inc.	2017302338	Revelant IP Holdings LLC
2017300336	National Institute of Biological Sciences, Beijing	2017302381	Coöperatie AVEBE U.A.
2017300361	Wisconsin Alumni Research Foundation	2017302388	Exeger Operations AB
		2017302420	Apple Inc.
		2017302457	Cook Medical Technologies LLC
		2017302459	Cook Medical Technologies LLC
		2017302497	Lockheed Martin Energy, LLC
		2017302539	Wisconsin Alumni Research Foundation

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2017302557	ICU Medical, Inc.	2017308756	Instrumentation Laboratory Company
2017302559	ebbu Inc.	2017308762	Perimeter Solutions LP
2017302587	Senti Biosciences, Inc.	2017308801	Cellix Bio Private Limited
2017302597	FMC Corporation	2017308806	Trivver, Inc.
2017302617	Fukazawa, T.; Children's Hospital Medical Center	2017308827	Taiwan Liposome Co., Ltd.; TLC Biopharmaceuticals, Inc.
2017302650	Rovi Guides, Inc.	2017308852	AK Steel Properties, Inc.
2017302774	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017308940	Sumitomo Electric Industries, Ltd.
2017303069	Tremark	2017308954	Yoshino Gypsum Co., Ltd.
2017303280	Stella Pharma Corporation; Osaka Prefecture University Public Corporation	2017309113	Samsung Electronics Co., Ltd.
2017303349	ACTIV'INSIDE	2017309314	Universität Zürich; Universität Basel
2017303694	Institut Curie; Ecole Superieure de Physique et de Chimie Industrielle (ESPCI); Ecole Nationale Superieure de Chimie de Paris (ENSCP); Centre National de la Recherche Scientifique; Cemag Care	2017309338	Seb S.A.
2017303719	Sharp Kabushiki Kaisha	2017309347	Olipass Corporation
2017303768	Telefield Medical Imaging Limited	2017309774	Zebware AB
2017303820	Angany Inc.	2017310057	Arkema France
2017303847	Atlas Waste Technologies Limited	2017310263	Monash University; Commonwealth Scientific and Industrial Research Organisation
2017303860	Aerofoil Energy Limited	2017310348	Schwarze Fraile, J.
2017304162	LG Electronics Inc.	2017310363	MT2, LLC
2017304228	QBiotics Limited	2017310491	Quantum Base Limited
2017304845	Yoshino Kogyosho Co., Ltd.	2017310513	The United States of America, as represented by the Secretary Department of Health and Human Services
2017304849	Noritz Corporation	2017310528	Herman Miller, Inc.
2017304850	Noritz Corporation	2017310774	Shionogi & Co., Ltd.
2017304851	Noritz Corporation	2017311040	Ossianix, Inc.
2017304972	Dai-Ichi High Frequency Co., Ltd.	2017311045	Troy Technology II, Inc.
2017305136	Titan Spine, Inc.	2017311101	Davis, E.
2017305249	Magic Leap, Inc.	2017311138	Terbium Labs LLC
2017305300	Buffalo Filter LLC	2017311412	Ovid Therapeutics Inc.
2017305311	Mad Minute IP HoldCo Inc.	2017311491	The Board Of Regents Of The University Of Texas System
2017305313	InBios International, Inc.	2017311495	LymphaTech Inc.
2017305321	New York University	2017311510	Cancer Targeted Technology LLC
2017305326	PerceptiMed, Inc.	2017311542	Repligen Corporation
2017305508	The Regents of the University of Michigan	2017311658	Guangzhou Bioseal Biotech Co., Ltd.; Ethicon, Inc.
2017305600	Ncm Innovations (pty) Ltd.	2017311865	Unifiller Systems Inc.
2017305624	The Secretary of State for Defence	2017312514	Arthrex, Inc.
2017305628	Independence Oilfield Chemicals LLC	2017312729	Qualcomm Incorporated
2017305629	Independence Oilfield Chemicals LLC	2017312948	Pez, G.P.; Herring, A.M.
2017305635	Flintstone Technology Limited	2017313263	Nestec SA
2017305757	Unicharm Corporation	2017313268	Boehringer Ingelheim International GmbH
2017305825	Angel Playing Cards Co., Ltd.	2017313387	Microarray Limited
2017305848	Biogemma; Commissariat A L'energie Atomique Et Aux Energies Alternatives	2017313418	Titon Corp., S.A.
2017305945	Veolia Water Solutions & Technologies Support	2017313420	Pfizer Inc.
2017305979	Cognoptix, Inc.	2017313616	ToolGen Incorporated; Seoul National University R&DB Foundation; Seoul National University Hospital
2017306062	Vaccinex, Inc.	2017313698	ExxonMobil Upstream Research Company
2017306079	Polygroup Macau Limited (BVI)	2017313744	ConMed Corporation
2017306117	Fujikura Ltd.; Nippon Telegraph and Telephone Corporation	2017314153	Chiesi Farmaceutici S.p.A.
2017306133	Respiratory Motion, Inc.	2017314592	LG Electronics Inc.
2017306234	LG Electronics Inc.	2017314626	LG Electronics Inc.
2017306527	Solutions Plus Group Limited	2017314754	Delaval Holding AB
2017306561	Mpsc Australia, Pty., Ltd	2017314765	Collins, D.M.
2017306824	Siemens Aktiengesellschaft	2017315286	Novartis AG
2017306918	BASF SE	2017315303	Qualcomm Incorporated
2017307042	Polygroup Macau Limited (BVI)	2017315326	NewSouth Innovations Pty Limited
2017307087	Dongguan Jiasheng Enterprise Co., Ltd.	2017315398	Qualcomm Incorporated
2017307325	Friedrich-Alexander-Universität Erlangen-Nürnberg; Universitätsklinikum Erlangen	2017315956	Healionics Corporation
2017307377	Dematic Corp.	2017316358	Cliin Aps
2017307582	Baxalta Incorporated; Baxalta GmbH	2017316376	Qualcomm Incorporated
2017307694	Sony Corporation	2017316485	Doosan Fuel Cell America, Inc.
2017308004	B. Braun Surgical, S. A.; Universitat Politècnica De Catalunya	2017316618	Genentech, Inc.
2017308005	Neste Oyj	2017317183	Elanco US Inc.; Ambrx, Inc.
2017308060	7Tunnels, Inc.	2017317188	Doosan Fuel Cell America, Inc.
2017308143	Amyris, Inc.	2017317557	Dometic Sweden AB
2017308158	L.E.A.F. Holdings Group LLC	2017318207	Andritz AG
2017308159	L.E.A.F. Holdings Group LLC	2017319410	Novartis AG
2017308489	F. Smit Holding B.V.	2017319728	Mapi Pharma Ltd
		2017319781	Mapi Pharma Ltd.
		2017320478	W.R. Davis Engineering Limited
		2017320844	Qualcomm Incorporated
		2017320864	Qualcomm Incorporated

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<b>2017320913</b>	Forschungsverbund Berlin e.V.; Ludwig-Maximilians-Universität München	<b>2018275008</b>	Vascular Devices Pty Ltd
<b>2017320989</b>	Regeneron Pharmaceuticals, Inc.	<b>2018275691</b>	Apple Inc.
<b>2017321099</b>	Qualcomm Incorporated	<b>2018276061</b>	Flujo Sanguineo Holdings Pty Ltd
<b>2017321141</b>	ExxonMobil Upstream Research Company	<b>2018279298</b>	Ningbo Hongdu Mosu Co., Ltd.
<b>2017321176</b>	Qualcomm Incorporated	<b>2018282316</b>	Beijing DiDi Infinity Technology and Development Co., Ltd.
<b>2017321309</b>	Qualcomm Incorporated	<b>2018289194</b>	LG Electronics Inc.
<b>2017321310</b>	Qualcomm Incorporated		
<b>2017321445</b>	Kotobuki Tsushou Co., Ltd.		
<b>2017321491</b>	Ivanti, Inc.		
<b>2017321605</b>	Omeros Corporation		
<b>2017321700</b>	The Procter & Gamble Company		
<b>2017322204</b>	Qualcomm Incorporated		
<b>2017322226</b>	The Gillette Company LLC		
<b>2017322561</b>	FLSmidth A/S		
<b>2017324163</b>	The Gillette Company LLC		
<b>2017324164</b>	The Gillette Company LLC		
<b>2017324430</b>	Boston Scientific Neuromodulation Corporation		
<b>2017324433</b>	Boston Scientific Neuromodulation Corporation		
<b>2017324615</b>	Tokenize, Inc.		
<b>2017325794</b>	Apple Inc.		
<b>2017325870</b>	Research Triangle Institute		
<b>2017326087</b>	W. L. Gore & Associates, Inc.		
<b>2017326116</b>	Helmholtz Zentrum Muenchen - Deutsches Forschungszentrum Für Gesundheit und Umwelt (GmbH)		
<b>2017327480</b>	Nestec S.A		
<b>2017327721</b>	Frank's International, LLC		
<b>2017328118</b>	Smart Trike Mnf Pte Ltd.; Baron, Y.		
<b>2017328121</b>	Novartis AG		
<b>2017330257</b>	Boston Scientific Limited		
<b>2017330561</b>	Boston Scientific Limited		
<b>2017331074</b>	Frank's International, LLC		
<b>2017331075</b>	Frank's International, LLC		
<b>2017331331</b>	BioNTech AG; Astellas Pharma Inc.		
<b>2017331486</b>	Kemira OYJ		
<b>2017332935</b>	Komatsu Ltd.		
<b>2017332936</b>	Komatsu Ltd.		
<b>2017333112</b>	Northeastern University		
<b>2017334312</b>	Trivver, Inc.		
<b>2017334316</b>	Philip Morris Products S.A.		
<b>2017335310</b>	Keyron Ltd		
<b>2017335998</b>	Hyperfine Research, Inc.		
<b>2017336823</b>	Panasonic Intellectual Property Corporation of America		
<b>2017338749</b>	Boston Scientific Scimed, Inc.		
<b>2017338791</b>	Breville Pty Limited		
<b>2017342672</b>	Samsung Electronics Co., Ltd.		
<b>2017342903</b>	Frank's International, LLC		
<b>2017347309</b>	AME2 Pte Ltd		
<b>2017350754</b>	CSA Medical, Inc.		
<b>2017352544</b>	Owl Cameras Inc		
<b>2017353766</b>	Boston Scientific Scimed, Inc.		
<b>2017354205</b>	Komatsu Ltd.		
<b>2017354932</b>	Nomad Tackle Pty Ltd		
<b>2017363490</b>	Boston Scientific Limited		
<b>2017368302</b>	Siemag Tecberg GmbH		
<b>2017392255</b>	South China Normal University		
<b>2017397483</b>	Moj.io Inc.		
<b>2017404568</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.		
<b>2017408796</b>	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.		
<b>2017415705</b>	China Intelligent Building & Energy Technology Co. Ltd		
<b>2017417581</b>	Seipel, T.		
<b>2017422764</b>	China University of Mining and Technology		
<b>2017423559</b>	LG Electronics Inc.		
<b>2018206778</b>	Shanghai Baotung Tech. Co., Ltd.; Beijing Xiaomi Mobile Software Co., Ltd.		
<b>2018208140</b>	Chun Yick Environmental Energy-Saving Steel Company Limited		
<b>2018214492</b>	Chan, T.		
<b>2018232645</b>	LG Electronics Inc.		
<b>2018236650</b>	LG Electronics Inc.		

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<b><u>A01H 5 /-</u></b>	<b><u>A21C 9 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 5 /-</u></b>	2017283276
2017298438	2017311865	2017293863	2017300180	2017282038	2017285486
2017301813	<b><u>A21D 8 /-</u></b>	2017302381	2017313263	2017282666	2017287553
<b><u>A01J 5 /-</u></b>	2017297881	2017310263	<b><u>A47J 36 /-</u></b>	2017298463	2017289038
2017314754	<b><u>A22B 3 /-</u></b>	<b><u>A23L 5 /-</u></b>	2017309338	2017300786	2017290231
<b><u>A01K 27 /-</u></b>	2016414201	2017293863	<b><u>A47J 37 /-</u></b>	2017301911	2017290353
2017307087	<b><u>A22B 5 /-</u></b>	2017311865	2017338791	2017305321	2017292646
<b><u>A01K 61 /-</u></b>	2017306561	<b><u>A23P 10 /-</u></b>	<b><u>A47L 5 /-</u></b>	2017305979	2017292811
2017347309	<b><u>A23B 4 /-</u></b>	2017280489	2017314592	2017306079	2017292918
<b><u>A01K 67 /-</u></b>	2017301401	<b><u>A23P 30 /-</u></b>	2017314626	2017306133	2017293781
2017289879	<b><u>A23C 1 /-</u></b>	2017311865	<b><u>A47L 9 /-</u></b>	2017311495	2017295863
<b><u>A01K 85 /-</u></b>	2017280489	<b><u>A24F 47 /-</u></b>	2017314592	<b><u>A61B 8 /-</u></b>	2017297760
2017354932	<b><u>A23C 3 /-</u></b>	2017301985	2017314626	2017300395	2017297812
<b><u>A01K 91 /-</u></b>	2017295268	2017334316	<b><u>A61B 1 /-</u></b>	2017295728	2017298202
2017354932	<b><u>A23C 9 /-</u></b>	<b><u>A41D 13 /-</u></b>	2017282666	2017300395	2017299506
<b><u>A01M 1 /-</u></b>	2017285772	2017298559	2017301396	2017330257	2017299587
2017301586	<b><u>A23D 7 /-</u></b>	2017311495	2017301669	<b><u>A61B 90 /-</u></b>	2017300336
<b><u>A01M 23 /-</u></b>	2017297760	<b><u>A42B 3 /-</u></b>	2017302459	2017295728	2017300738
2017287797	<b><u>A23G 1 /-</u></b>	2017313418	<b><u>A61B 10 /-</u></b>	2017300395	2017301596
<b><u>A01N 25 /-</u></b>	2018276061	<b><u>A47C 21 /-</u></b>	2016418409	2017330257	2017301645
2017287716	<b><u>A23J 3 /-</u></b>	2017306079	<b><u>A61B 17 /-</u></b>	<b><u>A61F 13 /-</u></b>	2017302019
2017301293	2017302381	<b><u>A47C 27 /-</u></b>	2017288105	2017311495	2017302559
2017301971	<b><u>A23K 10 /-</u></b>	2017306079	2017289217	2017313387	2017302617
2017302597	2017281568	2017307042	2017298279	<b><u>A61F 2 /-</u></b>	2017303280
2017311045	<b><u>A23K 20 /-</u></b>	<b><u>A47C 31 /-</u></b>	2017301106	2016416373	2017304228
<b><u>A01N 43 /-</u></b>	2017297760	2017306079	2017301556	2017298481	2017305508
2017287716	<b><u>A23L 19 /-</u></b>	2017307042	2017301911	2017300122	2017308158
2017299608	2017293863	<b><u>A47C 7 /-</u></b>	2017302333	2017300652	2017308801
2017299610	2017293863	<b><u>A47C 31 /-</u></b>	2017312514	2017301106	2017308827
2017300647	<b><u>A23L 2 /-</u></b>	2017310528	2017313744	2017305136	2017310263
2017301293	2017308143	<b><u>A47C 7 /-</u></b>	2017330257	2017315956	2017310774
2017311045	<b><u>A23L 27 /-</u></b>	2017308489	2017330561	2017326087	2017311412
<b><u>A01P 13 /-</u></b>	2017321700	2017310528	2017338749	<b><u>A61F 5 /-</u></b>	2017311491
2017301293	2017327480	<b><u>A47D 9 /-</u></b>	2017353766	2017293472	2017313420
<b><u>A01P 3 /-</u></b>	<b><u>A23L 29 /-</u></b>	2017295309	2017363490	2017335310	2017314153
2017301293	2017321700	<b><u>A47F 3 /-</u></b>	2018275008	<b><u>A61F 9 /-</u></b>	2017316618
<b><u>A01P 7 /-</u></b>	2017302381	2017303860	<b><u>A61B 18 /-</u></b>	<b><u>A61H 1 /-</u></b>	2017321700
2017301293	2017327480	<b><u>A47G 9 /-</u></b>	2017301911	2017319410	2017325870
2017301971	<b><u>A23L 3 /-</u></b>	2017298559	2017302333	<b><u>A61G 7 /-</u></b>	<b><u>A61K 33 /-</u></b>
2017280489	2017280489	<b><u>A47J 27 /-</u></b>	2017305300	2017306079	2017298202
		2017286363	2017350754	<b><u>A61H 1 /-</u></b>	<b><u>A61K 35 /-</u></b>
			<b><u>A61B 3 /-</u></b>	2017282038	2017289331
			2017287014	<b><u>A61J 1 /-</u></b>	2017289879
			2017305321	2017298263	2017295762
			2017305979	2017302557	2017301035
			2017315286	<b><u>A61J 7 /-</u></b>	2017301511
			2017328121	2017305326	2017308801
			<b><u>A61B 34 /-</u></b>	<b><u>A61K 31 /-</u></b>	2017308827
			2017295728	2017281439	2017310263
			2017350754	2017281928	2017310774
				2017281941	2017311412
				2017282659	2017311491
				2017282903	2017313420
					2017314153
					2017316618
					2017321700
					2017325870

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2017317183	2017309314	<b><u>A61M 1/-</u></b>	<b><u>A61P 17/-</u></b>	2017308158	<b><u>A62C 5/-</u></b>
2017319728	2017313616			2017308159	
2017319781		2016418409	2017292646	2017316618	2017308762
<b><u>A61K 39/-</u></b>	<b><u>A61K 49/-</u></b>	2017281791	2017297812	2017326116	
		2017315956	2017311491	2017331331	<b><u>A62D 1/-</u></b>
	2017299858	2017319410	2017326116		
2017280065	2017311510			<b><u>A61P 37/-</u></b>	2017285406
2017281389		<b><u>A61M 11/-</u></b>	<b><u>A61P 19/-</u></b>		2017308762
2017289879	<b><u>A61K 51/-</u></b>			2017287553	
2017290353		2017281941	2017287553	2017299506	<b><u>A62D 3/-</u></b>
2017292184	2016416524	2017301985		2017299608	
2017293400	2017299858		<b><u>A61P 21/-</u></b>	2017299610	2017310363
2017293781	2017300361	<b><u>A61M 15/-</u></b>		2017300336	
2017298483	2017302300		2017290231	2017300647	<b><u>A63B 21/-</u></b>
2017298656	2017302539	2017301985	2017299587	2017304228	
2017299162	2017307325		<b><u>A61P 25/-</u></b>	2017310263	2017301101
2017299214	2017311510	<b><u>A61M 16/-</u></b>		2017319781	<b><u>A63C 17/-</u></b>
2017299608			2017281941	2017326116	
2017299610	<b><u>A61K 6/-</u></b>	2017300912	2017282933		2017280440
2017299673		<b><u>A61M 25/-</u></b>	2017300336	<b><u>A61P 43/-</u></b>	
2017299781	2017282065		2017301035		<b><u>A63F 1/-</u></b>
2017300035		2017290353	2017301596	2017299587	
2017300096	<b><u>A61K 8/-</u></b>	2017301115	2017303349	2017301596	2017305825
2017300277		2017301399	2017319781	2017310774	
2017300361	2016416435	2017301669	2017325870		<b><u>A63G 21/-</u></b>
2017300647	2017299786	2017302333	2017326116	<b><u>A61P 5/-</u></b>	2016414688
2017300965	2017303349	2017302457			
2017302539	<b><u>A61K 9/-</u></b>	2017302459	<b><u>A61P 27/-</u></b>	2017304228	
2017303820					<b><u>B01D 1/-</u></b>
2017309314	2017281389	<b><u>A61M 31/-</u></b>	2017281928	<b><u>A61P 7/-</u></b>	
2017320989	2017281928				2017280489
2017321605	2017283276	2017281086	<b><u>A61P 29/-</u></b>	2017292711	
2017331331	2017289331			2017302282	<b><u>B01D 15/-</u></b>
	2017290353	<b><u>A61M 5/-</u></b>	2017287553	2017307582	
<b><u>A61K 41/-</u></b>	2017295762		2017290353		2017300843
	2017298202	2017277767	2017304228	<b><u>A61P 9/-</u></b>	
2017303280	2017300336	2017281086			<b><u>B01D 53/-</u></b>
	2017301645	2017300984	<b><u>A61P 3/-</u></b>	2017285486	
<b><u>A61K 45/-</u></b>	2017302013	2017302557		2017292811	2017291660
	2017302559		2017287553	2017300336	2017292939
2017297812	2017308827	<b><u>A61N 1/-</u></b>	2017292184	2017301035	2017306918
2017308158	2017310263		2017301035	2017326116	
2017308159	2017314153	2017280110	2017313420		<b><u>B01D 63/-</u></b>
2017316618	2017319728	2017281759	2017317183	<b><u>A61Q 17/-</u></b>	2017288383
	2017319781	2017282038	2017326116		
<b><u>A61K 47/-</u></b>	2017321605	2017293799		2016416435	
	2017321700	2017300652	<b><u>A61P 31/-</u></b>		<b><u>B01D 9/-</u></b>
2017281389		2017324430		<b><u>A61Q 19/-</u></b>	2017301936
2017281928	<b><u>A61L 15/-</u></b>	2017324433	2017280065	2016416435	
2017285486			2017310774		<b><u>B01F 13/-</u></b>
2017286869	2017303694	<b><u>A61N 2/-</u></b>		<b><u>A62B 17/-</u></b>	2017292601
2017289331	2017313387		<b><u>A61P 35/-</u></b>		
2017295762		2017301107		2016412639	
2017295905	<b><u>A61L 24/-</u></b>		2016416524		<b><u>B01F 15/-</u></b>
2017297728		<b><u>A61N 5/-</u></b>	2017281389	<b><u>A62B 18/-</u></b>	2017309338
2017299858	2017311658		2017281439		
2017301511		2017301107	2017282903	2016412639	<b><u>B01F 3/-</u></b>
2017301645	<b><u>A61L 27/-</u></b>	<b><u>A61P 1/-</u></b>	2017286869		
2017302282			2017287553	<b><u>A62B 23/-</u></b>	2017292601
2017302559	2017300652	2017304228	2017292646		
2017311491	2017301511		2017295863	2016412639	<b><u>B01F 5/-</u></b>
2017314153	2017305136	<b><u>A61P 11/-</u></b>	2017299506		
2017320913	2017308004		2017299608	<b><u>A62B 7/-</u></b>	2017292601
2017321605		2017281439	2017299610		
2017321700	<b><u>A61L 31/-</u></b>	2017287553	2017299673	2016412639	<b><u>B01F 7/-</u></b>
		2017298656	2017300647		
<b><u>A61K 48/-</u></b>	2017300652	2017314153	2017300738	<b><u>A62C 2/-</u></b>	2017309338
			2017300788		
2017293400	<b><u>A61L 9/-</u></b>	<b><u>A61P 15/-</u></b>	2017302617	2017298615	<b><u>B01J 8/-</u></b>
2017295762			2017303280		
2017300096	2017301690	2017303349	2017304228	<b><u>A62C 3/-</u></b>	2017308954
2017301819			2017305508		
2017302013			2017307325	2017298615	



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<b><u>B03B 1 /-</u></b>		<b><u>B61L 1 /-</u></b>		<b><u>C01G 23 /-</u></b>	<b><u>C07C 275 /-</u></b>
2017310348		2017301999		2016416199	2017292177
	<b><u>B25C 5 /-</u></b>		<b><u>B65D 25 /-</u></b>		
	2017286900		2017298263		
<b><u>B03D 1 /-</u></b>		<b><u>B61L 23 /-</u></b>		<b><u>C02F 1 /-</u></b>	<b><u>C07C 51 /-</u></b>
2017310348		2017301999		2017292627	2017300600
	<b><u>B25C 7 /-</u></b>		<b><u>B65D 47 /-</u></b>	2017301936	2017300601
	2017286900		2017304845	2017302338	
<b><u>B05B 7 /-</u></b>		<b><u>B61L 27 /-</u></b>		2017303847	<b><u>C07C 53 /-</u></b>
2017301690		2017301999		2017305945	
	<b><u>B25J 5 /-</u></b>		<b><u>B65D 51 /-</u></b>	2017321445	2017300600
	2017280095		2017308756	2017423559	2017300601
<b><u>B05C 5 /-</u></b>		<b><u>B62B 5 /-</u></b>			
2017301641		2018206778		<b><u>C02F 101 /-</u></b>	<b><u>C07D 217 /-</u></b>
2017311865				2017301936	2017325870
	<b><u>B26B 21 /-</u></b>		<b><u>B65D 75 /-</u></b>	2017303847	
	2017322226		2017313263	2017305945	<b><u>C07D 225 /-</u></b>
	2017324163	<b><u>B62B 7 /-</u></b>			
<b><u>B05C 9 /-</u></b>	2017324164	2017295309			2017292646
2017301641		2017328118		<b><u>C02F 103 /-</u></b>	
	<b><u>B27F 7 /-</u></b>			2017305945	<b><u>C07D 239 /-</u></b>
<b><u>B05D 1 /-</u></b>	2017286900	<b><u>B62D 55 /-</u></b>			
2017311865		2017293331			2017300336
	<b><u>B29B 17 /-</u></b>	2017316358		<b><u>C02F 3 /-</u></b>	
	2017314765			2017292627	<b><u>C07D 241 /-</u></b>
<b><u>B07C 5 /-</u></b>		<b><u>B62K 15 /-</u></b>		<b><u>C02F 5 /-</u></b>	
2017307377		2017298699		2017302240	2017282659
	<b><u>B29C 48 /-</u></b>	2017298700		2017302338	<b><u>C07D 249 /-</u></b>
<b><u>B08B 3 /-</u></b>	2017297457	2017328118		2017305945	
2017306527					2017281439
	<b><u>B29C 67 /-</u></b>	<b><u>B62K 9 /-</u></b>		<b><u>C02F 9 /-</u></b>	<b><u>C07D 263 /-</u></b>
<b><u>B09B 3 /-</u></b>	2017311495	2017328118		2017292627	
2017300180				2017301936	2017292811
	<b><u>B29C 70 /-</u></b>	<b><u>B62L 3 /-</u></b>		2017303847	<b><u>C07D 267 /-</u></b>
<b><u>B09C 1 /-</u></b>	2017300080	2016417934			
2017310363				<b><u>C04B 11 /-</u></b>	2017292646
	<b><u>B29D 11 /-</u></b>	<b><u>B62M 11 /-</u></b>		2017308954	<b><u>C07D 273 /-</u></b>
<b><u>B21D 51 /-</u></b>	2017297617	2017287187			
2017303069				<b><u>C04B 111 /-</u></b>	2017292646
	<b><u>B29D 23 /-</u></b>	<b><u>B62M 6 /-</u></b>		2017300725	<b><u>C07D 295 /-</u></b>
<b><u>B21G 3 /-</u></b>	2017297457	2017287187			
2017301641				<b><u>C04B 28 /-</u></b>	2017292177
	<b><u>B32B 3 /-</u></b>	<b><u>B63B 21 /-</u></b>		2017300723	<b><u>C07D 401 /-</u></b>
<b><u>B21G 5 /-</u></b>	2017300080	2017305635		2017300725	
2017301641					2017281439
	<b><u>B60C 11 /-</u></b>	<b><u>B63B 57 /-</u></b>		<b><u>C05C 11 /-</u></b>	2017295720
<b><u>B22D 11 /-</u></b>	2017280440	2017316358		2017281057	2017295863
2017308852					2017299506
	<b><u>B60J 11 /-</u></b>	<b><u>B63B 59 /-</u></b>		<b><u>C07B 59 /-</u></b>	2017313420
<b><u>B22D 37 /-</u></b>	2017280100	2017316358		2016416524	2017325870
2017308852					<b><u>C07D 403 /-</u></b>
	<b><u>B60Q 1 /-</u></b>	<b><u>B63C 11 /-</u></b>			
<b><u>B22D 41 /-</u></b>	2017332936	2017280095		<b><u>C07C 15 /-</u></b>	2017282903
2017308852				2017289038	2017291827
	<b><u>B60R 16 /-</u></b>	<b><u>B65B 13 /-</u></b>			2017307325
<b><u>B23D 55 /-</u></b>	2017397483	2017301556		<b><u>C07C 209 /-</u></b>	<b><u>C07D 413 /-</u></b>
2017295754				2017292811	
	<b><u>B60W 30 /-</u></b>	<b><u>B65B 69 /-</u></b>			2017287716
<b><u>B23K 31 /-</u></b>	2017291708	2017296532		<b><u>C07C 233 /-</u></b>	2017291827
2017304972					2017292646
	<b><u>B60W 50 /-</u></b>	<b><u>B65D 17 /-</u></b>		2017282659	2017292811
<b><u>B25C 1 /-</u></b>	2017291708	2017295305			<b><u>C07D 471 /-</u></b>
2017286900		2017303069			2017292646

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2017305508	2017299610	<b><u>C10G 1/-</u></b>	2017300843		<b><u>E02D 27/-</u></b>
<b><u>C07D 487/-</u></b>	2017299673		2017301035	<b><u>C25C 3/-</u></b>	
	2017299858	2017310348	2017301813		2017280083
	2017300277			2017292865	
2017287553	2017300647	<b><u>C10K 1/-</u></b>	<b><u>C12N 7/-</u></b>		<b><u>E02D 5/-</u></b>
2017302019	2017300788			<b><u>C25C 7/-</u></b>	
2017325870	2017301887	2017306918	2017298438		2017280083
2017326116	2017305313		2017302013		2017280095
<b><u>C07D 493/-</u></b>	2017320989	<b><u>C11B 1/-</u></b>		<b><u>C25D 3/-</u></b>	<b><u>E02F 3/-</u></b>
	2017331331		<b><u>C12N 9/-</u></b>		
		2017297760		2017301641	2016414417
2017304228	<b><u>C07K 2/-</u></b>	<b><u>C11B 3/-</u></b>	2017291851		2017354205
<b><u>C07D 495/-</u></b>			2017301813	<b><u>C25D 7/-</u></b>	
	2017319781	2017297760	2017301819		<b><u>E02F 9/-</u></b>
2017292918	<b><u>C07K 5/-</u></b>	2017308005	2017308143	2017301641	
			2017313616		2016414417
<b><u>C07D 498/-</u></b>	2017290096	<b><u>C11D 10/-</u></b>	<b><u>C12P 19/-</u></b>	<b><u>D06F 33/-</u></b>	2017354205
2017292646	<b><u>C07K 7/-</u></b>	2017288312	2017305757	2017285867	<b><u>E04B 1/-</u></b>
2017302019					
<b><u>C07F 5/-</u></b>	2017290096	<b><u>C11D 17/-</u></b>	<b><u>C12P 21/-</u></b>	<b><u>D06F 37/-</u></b>	2017287702
	2017319781				2017300080
		2017288312	2017299858	2017285867	
2017303280	<b><u>C08F 222/-</u></b>	<b><u>C11D 3/-</u></b>	<b><u>C12P 7/-</u></b>	<b><u>D06F 39/-</u></b>	<b><u>E04C 2/-</u></b>
2017307325					2016412932
<b><u>C07F 7/-</u></b>	2017286869	2017288312	2017297760	2017285867	
					<b><u>E04C 3/-</u></b>
2017302497	<b><u>C08H 1/-</u></b>	<b><u>C12M 1/-</u></b>	<b><u>C12Q 1/-</u></b>	<b><u>D06F 58/-</u></b>	
					2017287702
<b><u>C07F 9/-</u></b>	2017285384	2017282022	2017277594	2017306234	
		2017301872	2017282420		<b><u>E04D 13/-</u></b>
2017290231	<b><u>C08H 99/-</u></b>		2017295442	<b><u>D07B 1/-</u></b>	
2017311510		<b><u>C12M 3/-</u></b>	2017297781		2017298014
<b><u>C07G 3/-</u></b>	2017310057		2017299162	2016416839	2017306527
		2017282022	2017300617		
2017285772	<b><u>C08J 11/-</u></b>	2017300843	2017301596	<b><u>D21C 11/-</u></b>	<b><u>E04G 1/-</u></b>
		2017301872	2017301813		2017301998
<b><u>C07K 1/-</u></b>	2017314765	<b><u>C12N 1/-</u></b>	2017301819	2017318207	
			2017301881	<b><u>D21H 17/-</u></b>	<b><u>E04G 5/-</u></b>
2017298984	<b><u>C08J 3/-</u></b>	2017285772	2017302300		2017301998
2017311542		2017289331	2017313387	2017331486	
2017313268	<b><u>C08J 9/-</u></b>	2017297881			2017301998
2017320913			<b><u>C12R 1/-</u></b>	<b><u>D21H 21/-</u></b>	<b><u>E04G 7/-</u></b>
<b><u>C07K 14/-</u></b>	2017300725	<b><u>C12N 15/-</u></b>			2017301998
			2017297881	2017331486	
2017277594	<b><u>C08K 3/-</u></b>	2017282420			2017301998
2017280065		2017287855	<b><u>C13K 1/-</u></b>	<b><u>E01D 19/-</u></b>	<b><u>E04H 12/-</u></b>
2017285384	2017300725	2017290231			2017280083
2017291851		2017291851	2017305757	2016416839	
2017293400	<b><u>C08L 15/-</u></b>	2017293400		2017280095	
2017298438		2017295720	<b><u>C21C 7/-</u></b>		<b><u>E05C 9/-</u></b>
2017299781	2017299685	2017298438		<b><u>E01D 22/-</u></b>	2018279298
2017300096		2017299858	2017333112		
2017301880	<b><u>C08L 27/-</u></b>	2017300096		2017280095	<b><u>E05D 11/-</u></b>
2017302013		2017300617	<b><u>C21D 1/-</u></b>		
2017303820	2017299685	2017301813		<b><u>E01F 13/-</u></b>	2017287706
2017305848		2017301819	2017304972		
2017306062	<b><u>C08L 91/-</u></b>	2017302013		2017300784	<b><u>E05F 1/-</u></b>
2017309347		2017302587	<b><u>C21D 9/-</u></b>		
2017311542	2017299685	2017305848		<b><u>E02B 17/-</u></b>	2017287706
2017313616		2017306062	2017304972		
2017319781	<b><u>C09D 5/-</u></b>	2017308143		2017280095	<b><u>E05F 3/-</u></b>
2017320913		2017311040	<b><u>C23C 2/-</u></b>		2017287706
	2017311045	2017313616		<b><u>E02B 3/-</u></b>	
<b><u>C07K 16/-</u></b>	<b><u>C09K 8/-</u></b>	<b><u>C12N 5/-</u></b>	2017301641		2017280095
				<b><u>E02D 1/-</u></b>	<b><u>E06B 9/-</u></b>
2017292184	2017305628	2017289879	2017301641		2017298615
2017298483	2017305629	2017291851		2017281678	
2017298984		2017298483	<b><u>C23F 11/-</u></b>		<b><u>E21B 17/-</u></b>
2017299608		2017299858			2017281259
			2017302240		

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

<b><u>E21B 19 /-</u></b>	<b><u>F04B 43 /-</u></b>	<b><u>F23J 15 /-</u></b>	<b><u>F41A 35 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G01S 7 /-</u></b>
2017327721	2017299192	2017291660	2017415705	2017281680	2017279846
2017331074	<b><u>F04B 45 /-</u></b>	2017292939	<b><u>F41G 3 /-</u></b>	2017281681	2017301122
2017331075	2017299192	<b><u>F24C 3 /-</u></b>	2017295574	2017287014	<b><u>G02B 1 /-</u></b>
2017342903	<b><u>F04C 23 /-</u></b>	2018208140	<b><u>F41H 11 /-</u></b>	2017305979	2017288996
<b><u>E21B 21 /-</u></b>	2017422764	<b><u>F24D 3 /-</u></b>	2017320478	<b><u>G01N 24 /-</u></b>	<b><u>G02B 21 /-</u></b>
2017281678	<b><u>F04D 1 /-</u></b>	2017304849	<b><u>F41J 5 /-</u></b>	2017310513	2017287014
<b><u>E21B 29 /-</u></b>	2017295268	2017304850	2017295574	<b><u>G01N 27 /-</u></b>	<b><u>G02B 27 /-</u></b>
2016423177	2017295268	2017304851	<b><u>F42B 12 /-</u></b>	2017297405	2017287014
<b><u>E21B 33 /-</u></b>	<b><u>F04D 15 /-</u></b>	<b><u>F24F 7 /-</u></b>	2017320478	2017297650	2017301435
2017281259	2017322561	2016423907	<b><u>F42B 4 /-</u></b>	<b><u>G01N 29 /-</u></b>	2017305249
2017301110	<b><u>F04D 29 /-</u></b>	<b><u>F24H 1 /-</u></b>	2017320478	2017297405	<b><u>G02B 5 /-</u></b>
<b><u>E21B 41 /-</u></b>	2017295268	2017304850	<b><u>F42B 5 /-</u></b>	<b><u>G01N 31 /-</u></b>	2017297617
2016423177	<b><u>F04D 7 /-</u></b>	2017304851	2017320478	2017302597	<b><u>G02B 6 /-</u></b>
2017280095	2017322561	<b><u>F24H 9 /-</u></b>	<b><u>F42B 1 /-</u></b>	<b><u>G01N 33 /-</u></b>	2017306117
<b><u>E21B 47 /-</u></b>	<b><u>F16B 31 /-</u></b>	2017304849	2017320478	2016416524	<b><u>G02C 7 /-</u></b>
2017321141	2017282075	<b><u>F25D 23 /-</u></b>	<b><u>F42D 1 /-</u></b>	2017281678	2017300652
<b><u>E21B 49 /-</u></b>	<b><u>F16F 1 /-</u></b>	2017317557	2017292114	2017282933	<b><u>G03B 11 /-</u></b>
2017281678	2017300080	<b><u>F25D 29 /-</u></b>	<b><u>G01B 11 /-</u></b>	2017292377	2017288996
<b><u>E21B 7 /-</u></b>	<b><u>F16H 1 /-</u></b>	2017317557	2017297405	2017295442	2017300777
2016423177	2017331075	<b><u>F25J 1 /-</u></b>	<b><u>G01B 17 /-</u></b>	2017297650	<b><u>G03B 17 /-</u></b>
2017331074	<b><u>F16K 1 /-</u></b>	2017313698	2017297405	2017298483	2017300777
<b><u>E21F 17 /-</u></b>	2017311101	<b><u>F26B 21 /-</u></b>	<b><u>G01B 5 /-</u></b>	2017299781	<b><u>G03F 7 /-</u></b>
2017305600	<b><u>F16K 17 /-</u></b>	2017280489	2017305600	2017299858	2017301437
<b><u>F01N 3 /-</u></b>	2017322561	<b><u>F28D 11 /-</u></b>	<b><u>G01B 9 /-</u></b>	2017301035	<b><u>G03H 1 /-</u></b>
2017292601	<b><u>F16K 3 /-</u></b>	2017280489	2017287014	2017301632	2017281680
<b><u>F02B 75 /-</u></b>	2017311101	<b><u>F28D 21 /-</u></b>	<b><u>G01C 21 /-</u></b>	2017301887	2017281681
2017291449	<b><u>F16K 31 /-</u></b>	2017280489	2018282316	2017302300	2017297617
<b><u>F02B 77 /-</u></b>	2017311101	2017280491	<b><u>G01D 21 /-</u></b>	2017302597	<b><u>G05B 19 /-</u></b>
2017291449	<b><u>F16K 5 /-</u></b>	2017280491	2017282075	2017305313	2017280350
<b><u>F02D 41 /-</u></b>	2017311101	<b><u>F28D 7 /-</u></b>	<b><u>G01L 5 /-</u></b>	2017305979	<b><u>G05D 1 /-</u></b>
2017291449	<b><u>F16K 7 /-</u></b>	2017280489	2017282075	2017311040	2017291708
<b><u>F02M 65 /-</u></b>	2017282022	<b><u>F28F 13 /-</u></b>	<b><u>G01M 15 /-</u></b>	<b><u>G01N 35 /-</u></b>	2017332935
2017291449	<b><u>F21S 19 /-</u></b>	2017280489	2017291449	2017308756	2017332936
<b><u>F03B 13 /-</u></b>	2017298014	<b><u>F28F 9 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G06F 1 /-</u></b>
2017301747	2017298014	2017280489	2017299804	2017310513	2017302420
<b><u>F03D 7 /-</u></b>	<b><u>F22B 37 /-</u></b>	2017280491	2017302126	2017335998	<b><u>G06F 11 /-</u></b>
2017404568	2017291660	<b><u>F41A 21 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G01S 13 /-</u></b>	2017280347
<b><u>F04B 13 /-</u></b>	2017292939	2017305311	2017281680	2017279846	2017280352
2017301632	<b><u>F23D 14 /-</u></b>	<b><u>F41A 33 /-</u></b>	2017281681	2017295574	2017281204
	2018208140	2017295574		2017295574	2017315303
				<b><u>G01S 15 /-</u></b>	<b><u>G06F 12 /-</u></b>
				2017301122	2017299655
				<b><u>G01S 17 /-</u></b>	
				2017295574	
				<b><u>G01S 19 /-</u></b>	
				2017298979	
				<b><u>G01S 5 /-</u></b>	
				2017298979	

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2016416417 2016416525	2017301435 2017305249	2017312948 2017315326 2017316485 2017317188	2016416416	2016413654	<b><u>H04W 8 /-</u></b>
<b><u>G06F 15 /-</u></b>	<b><u>G06T 3 /-</u></b>		<b><u>H04B 11 /-</u></b>	<b><u>H04N 21 /-</u></b>	2017289322
2016416525	2017305624	<b><u>H01Q 1 /-</u></b>	2017321141	2017342672	<b><u>H04W 84 /-</u></b>
<b><u>G06F 17 /-</u></b>	<b><u>G06T 7 /-</u></b>	2017283168 2017296326 2017297961 2017309113	<b><u>H04B 7 /-</u></b>	<b><u>H04N 7 /-</u></b>	2017283168
2016411801 2017280350 2017282656 2017302650 2017303768	2017281680 2017307694		2017320864	2017415705	<b><u>H04W 88 /-</u></b>
	<b><u>G07C 5 /-</u></b>	<b><u>H01Q 15 /-</u></b>	<b><u>H04J 1 /-</u></b>	<b><u>H04R 1 /-</u></b>	2017283168
	2017397483	2017297617	2017336823	2016415957	<b><u>H05B 6 /-</u></b>
<b><u>G06F 21 /-</u></b>	<b><u>G07D 7 /-</u></b>	<b><u>H01Q 19 /-</u></b>	<b><u>H04J 11 /-</u></b>	<b><u>H04R 5 /-</u></b>	2017304972
2017308060 2017311138 2017324615	2017299334	2017297617	2018232645	2016415957	<b><u>H05K 1 /-</u></b>
	<b><u>G07F 17 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H04L 1 /-</u></b>	<b><u>H04S 7 /-</u></b>	2017321176
<b><u>G06F 3 /-</u></b>	2017298634	2017296326 2017309113	2017302774 2018236650	2017305249	
2017282155 2017287686 2017301435 2017301770 2017302420 2017305249 2017334312 2017342672	<b><u>G07F 7 /-</u></b>	<b><u>H01Q 3 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 12 /-</u></b>	
	2017308060	2017283168	2017291661 2017301617 2017397483	2017298422	
	<b><u>G08B 21 /-</u></b>	<b><u>H01Q 5 /-</u></b>	<b><u>H04L 25 /-</u></b>	<b><u>H04W 16 /-</u></b>	
	2017305600	2017297961	2017304162 2017321309 2017321310	2017321099	
<b><u>G06F 7 /-</u></b>	<b><u>G09B 19 /-</u></b>	<b><u>H02K 1 /-</u></b>	<b><u>H04L 27 /-</u></b>	<b><u>H04W 24 /-</u></b>	
2017308060 2017310491	2017282038 2017334316	2017306824	2017321099 2017336823	2017301071	
<b><u>G06F 9 /-</u></b>	<b><u>G09G 3 /-</u></b>	<b><u>H02K 3 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2017287686 2017301770	2017325794 2017408796	2017292952	2017321099 2017336823	2017302774 2017316376	
<b><u>G06K 19 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H02K 41 /-</u></b>	2017298422	2017322204 2018289194	
2017352544	2018275691	2017306824	<b><u>H04L 5 /-</u></b>	<b><u>H04W 52 /-</u></b>	
<b><u>G06N 20 /-</u></b>	<b><u>H01F 7 /-</u></b>	<b><u>H02K 7 /-</u></b>	2016416416 2017304162 2017312729 2017316376 2017321099 2017321309 2017321310	2017303719 2017315398 2017321309 2017321310	
2016411801	2017335998	2017301747	<b><u>H04L 29 /-</u></b>	<b><u>H04W 48 /-</u></b>	
<b><u>G06Q 10 /-</u></b>	<b><u>H01G 9 /-</u></b>	<b><u>H02S 20 /-</u></b>	2017298422	2017322204 2018289194	
2017280384 2017298634 2017301770	2017302388	2017308940	<b><u>H04L 9 /-</u></b>	<b><u>H04W 56 /-</u></b>	
	<b><u>H01L 21 /-</u></b>	<b><u>H02S 30 /-</u></b>	2017296055 2017308060 2017311138 2017321491 2017324615 2017392255 2018214492	2017322204	
<b><u>G06Q 30 /-</u></b>	2017301437	2017308940	<b><u>H04M 1 /-</u></b>	<b><u>H04W 60 /-</u></b>	
2017282155 2017298634 2017301770 2017308806 2017334312	<b><u>H01L 23 /-</u></b>	<b><u>H03J 3 /-</u></b>	2017287686 2017297961 2017300777 2017309113	2017289322	
	2017321176	2017335998		<b><u>H04W 72 /-</u></b>	
<b><u>G06T 15 /-</u></b>	<b><u>H01L 51 /-</u></b>	<b><u>H03K 3 /-</u></b>		2017301071 2017316376 2017321099 2017321309 2017321310 2017336823 2018236650	
2017308806	2017302388	2017324433		<b><u>H04W 74 /-</u></b>	
<b><u>G06T 17 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H03K 5 /-</u></b>		2017312729 2017320844	
2016411801	2017302497 2017312948 2017315326	2017324433			
		<b><u>H03M 13 /-</u></b>			
		2017302774 2017309774			

Applications Accepted

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 (54) Ionic polymer membrane for a carbon dioxide electrolyzer  
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**C25B 13/00** ( 2006.01 )  
**C25B 1/00** ( 2006.01 )  
**C25B 11/04** ( 2006.01 )  
**C25B 13/04** ( 2006.01 )  
**C25B 13/08** ( 2006.01 )  
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**B64C 27/26** ( 2006.01 )  
**B64C 5/02** ( 2006.01 )  
**B64C 9/00** ( 2006.01 )  
**B64C 25/00** ( 2006.01 )  
**B64C 27/54** ( 2006.01 )  
**B64C 29/00** ( 2006.01 )

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**G06F 21/62** ( 2013.01 )  
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**G03F 7/033** ( 2006.01 )  
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**B02C 18/16** ( 2006.01 )  
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**B02C 18/06** ( 2006.01 )  
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*A01N 37/46* ( 2006.01 )  
*A01N 43/36* ( 2006.01 )  
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*C07D 307/79* ( 2006.01 )  
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 POP EVENTS DURING ABLATION

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 POP EVENTS DURING ABLATION

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*C07D 271/10* ( 2006.01 )  
*A61K 31/4245* ( 2006.01 )  
*C07D 413/10* ( 2006.01 )  
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*G08C 17/02* ( 2006.01 )  
*H01M 10/48* ( 2006.01 )  
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 (51) Int. Cl.  
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**C12Q 1/68** ( 2006.01 )  
**F16H 21/00** ( 2006.01 )  
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 (51) Int. Cl.  
 C07K 7/06 ( 2006.01 )  
 A23L 33/18 ( 2016.01 )  
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 (51) Int. Cl.  
 C07D 403/14 ( 2006.01 )  
 A61K 31/4192 ( 2006.01 )  
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**H04L 1/00** ( 2006.01 )  
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*G08B 13/191* ( 2006.01 )  
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*F25B 17/08* ( 2006.01 )  
*B01D 53/14* ( 2006.01 )  
*C09K 5/04* ( 2006.01 )  
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**(51)** Int. Cl.  
*H01Q 1/24* ( 2006.01 )  
*H01Q 1/48* ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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**(54)** Compositions comprising anti-CD38 antibodies and carfilzomib  
**(51)** Int. Cl.  
*C07K 16/28* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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 (51) Int. Cl.  
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 (74) K&L Gates

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 (21) 2015218180 (22) 09.02.2015  
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 (51) Int. Cl.  
**A61M 16/04** ( 2006.01 )  
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 Aaron  
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 method, image decoding apparatus, im-  
 age coding apparatus, and image cod-  
 ing and decoding apparatus  
**(51)** Int. Cl.  
**H04N 19/91** ( 2014.01 )  
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 GIO, Toshiyasu; MATSUNOBU, Toru;  
 TERADA, Kengo  
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 method for producing same  
**(51)** Int. Cl.  
**A23D 9/007** ( 2006.01 )  
**A61K 8/49** ( 2006.01 )  
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 ited  
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 ergic muscarinic M1 receptor positive  
 alloesteric modulator activity for the  
 treatment of Alzheimers disease  
**(51)** Int. Cl.  
**C07D 209/46** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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 Sakamoto, Hiroki; Kamata, Makoto  
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**(11)** AU-B-2014305430

**(21)** 2014305430 **(22)** 06.08.2014  
**(54)** Application of andrographolide in the  
 preparation of a pharmaceutical for  
 treatment of inflammatory bowel dis-  
 ease, andrographolide enteric targeting  
 micropellet, and method for preparation  
 thereof  
**(51)** Int. Cl.  
**A61K 31/365** ( 2006.01 )  
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**(31)** 201310338444.1 **(32)** 06.08.13 **(33)** CN  
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**(74)** Shelston IP Pty Ltd.

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**(54)** SYSTEM AND METHOD FOR ANA-  
 LYZING GAIT AND POSTURAL BAL-  
 ANCE OF A PERSON  
**(51)** Int. Cl.  
**A61B 5/11** ( 2006.01 )  
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 DAS, Abhijit  
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**(21)** 2015228768 **(22)** 13.03.2015  
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 for forming synthetic antenna channels  
**(51)** Int. Cl.  
**G01S 15/89** ( 2006.01 )  
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 MENT OF PULMONARY ARTERIAL  
 HYPERTENSION  
**(51)** Int. Cl.  
**A61K 31/40** ( 2006.01 )  
**(43)** 24.08.2017

**(44)** 07.02.2019  
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**(72)** SPIEKERKOEETTER, Edda; RA-  
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 SOLOW-CORDERO, David  
**(74)** FB Rice Pty Ltd

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**(54)** Skin care composition and use thereof  
**(51)** Int. Cl.  
**A61K 8/67** ( 2006.01 )  
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**A61Q 17/04** ( 2006.01 )  
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**A61Q 19/02** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
**A61Q 19/10** ( 2006.01 )  
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 James  
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**(21)** 2017202343 **(22)** 10.04.2017  
**(54)** NEOSAXITOXIN COMBINATION FOR-  
 MULATIONS FOR PROLONGED LOC-  
 AL ANESTHESIA  
**(51)** Int. Cl.  
**A61K 31/137** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
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**A61P 43/00** ( 2006.01 )  
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**(72)** Kohane, Daniel S.; Berde, Charles  
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 search  
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 mation  
**(51)** Int. Cl.  
**A61K 31/7024** ( 2006.01 )  
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*B26B 21/48* ( 2006.01 )  
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 (51) Int. Cl.  
*C12N 15/09* ( 2006.01 )  
*A61K 31/7088* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
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*A61P 31/12* ( 2006.01 )  
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*C12N 15/86* ( 2006.01 )  
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 (74) FB Rice Pty Ltd

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*C22B 3/16* ( 2006.01 )  
*C01G 3/00* ( 2006.01 )  
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*C22B 3/26* ( 2006.01 )  
*C22B 15/00* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (54) Device for a Plumbing Installation  
 (51) Int. Cl.  
*B21D 26/033* ( 2011.01 )  
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 SHORE) LIMITED  
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 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
*B25F 5/00* ( 2006.01 )  
*H01M 10/42* ( 2006.01 )  
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 (72) WILLEY, Brent M.  
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 (51) Int. Cl.  
*C12N 7/01* ( 2006.01 )  
*A61K 35/76* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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*C07K 14/145* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
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*A61N 7/00* ( 2006.01 )  
*A61B 8/00* ( 2006.01 )  
*A61B 18/00* ( 2006.01 )  
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 (51) Int. Cl.  
*A61F 13/49* ( 2006.01 )  
*A61F 13/515* ( 2006.01 )  
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*B64C 27/08* ( 2006.01 )  
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2014366914	2014226239	2016309743	<u><b>A61N 7 /-</b></u>	<u><b>A61P 43 /-</b></u>	<u><b>B27L 11 /-</b></u>
<u><b>A23L 33 /-</b></u>	<u><b>A61B 90 /-</b></u>	2017203108	2014226239	2014355887	2017202360
2017359581	2014324020	2017203523	<u><b>A61P 1 /-</b></u>	2015329581	
<u><b>A24F 47 /-</b></u>	<u><b>A61F 13 /-</b></u>	2017204292	2013308403	2016280236	
		<u><b>A61K 45 /-</b></u>	2014305430		
		2017200269	2016274757		
		<u><b>A61K 47 /-</b></u>	2017203075		
		2017272269			

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<b>B41J 3 /-</b>	<b>B65B 63 /-</b>	<b>C07D 205 /-</b>	<b>C07D 309 /-</b>	<b>C07H 15 /-</b>	2015390232
2015291982	2015399433	2014321397	2014321397	2015254638	<b>C10G 31 /-</b>
<b>B41M 5 /-</b>	<b>B65D 5 /-</b>	<b>C07D 207 /-</b>	<b>C07D 311 /-</b>	<b>C07K 14 /-</b>	2017200595
2015291982	2015264171	2014355887	2014321397	2014221143	<b>C10L 3 /-</b>
<b>B60D 1 /-</b>	<b>B65D 77 /-</b>	<b>C07D 209 /-</b>	<b>C07D 319 /-</b>	2015215015	2017200595
2015320838	2015264171	2014355887	2014321397	2015332384	<b>C10M 111 /-</b>
<b>B60L 50 /-</b>	<b>B65D 81 /-</b>	2015250610		2016309743	2017201090
2018202770	2018200513	2015282909	<b>C07D 333 /-</b>	2017201193	2015243391
<b>B60N 2 /-</b>	<b>B65D 85 /-</b>	<b>C07D 213 /-</b>		2017203108	<b>C10N 30 /-</b>
2017202391	2017200014	2014321397	<b>C07D 401 /-</b>	2017204292	2015243391
<b>B61B 12 /-</b>	<b>B66B 1 /-</b>	<b>C07D 215 /-</b>	2014355887	<b>C07K 16 /-</b>	2015243391
2016358250	2015326986	2017203756	2015263620	2014230217	<b>C10N 40 /-</b>
<b>B61D 49 /-</b>	<b>B66B 9 /-</b>	<b>C07D 221 /-</b>	2015291475	2014244333	2015243391
2017264421	2015326986	<b>C07D 231 /-</b>		2015215015	<b>C11C 3 /-</b>
<b>B61K 13 /-</b>	<b>C01G 3 /-</b>	2017237930	<b>C07D 403 /-</b>	2015359881	2016277670
2017264421	2016250309	<b>C07D 233 /-</b>	2017239525	2017203523	2015274247
<b>B62D 17 /-</b>	<b>C01G 49 /-</b>	2017237930	2014355887	<b>C07K 19 /-</b>	<b>C11D 1 /-</b>
2015385865	2016250309	<b>C07D 249 /-</b>	2014358742	2014221143	2015256428
<b>B62K 15 /-</b>	<b>C02F 1 /-</b>	2017237930	2015291475	<b>C07K 7 /-</b>	<b>C11D 3 /-</b>
2016388647	2015262444	<b>C07D 261 /-</b>	2016280236	2016361783	2015256428
<b>B62K 21 /-</b>	<b>C02F 3 /-</b>	2017237930	2017239525	2017359581	<b>C12M 1 /-</b>
2016388647	2015407433	<b>C07D 263 /-</b>	<b>C07D 405 /-</b>	<b>C08G 18 /-</b>	<b>C12N 1 /-</b>
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2016388647	2018256607	<b>C07D 265 /-</b>	<b>C07D 409 /-</b>	<b>C08G 69 /-</b>	<b>C12N 1 /-</b>
<b>B64C 25 /-</b>	<b>C05G 3 /-</b>	2014321397	2014321397	2015264103	2017201193
2018200729	2018256607	<b>C07D 267 /-</b>	2014355887	<b>C08J 3 /-</b>	<b>C12N 15 /-</b>
<b>B64C 27 /-</b>	<b>C07C 237 /-</b>	2016280236	<b>C07D 413 /-</b>	2016257785	2013382098
2015246588	2017203075	<b>C07D 271 /-</b>	2014321397	<b>C08J 5 /-</b>	2014221143
2018200729	<b>C07C 309 /-</b>	2016299485	2014355887	2015264103	2014355887
<b>B64C 29 /-</b>	2015274247	2017237930	2016280236	<b>C08K 5 /-</b>	2015210769
2018200729	<b>C07C 323 /-</b>	<b>C07D 277 /-</b>	2017237930	2015264103	2017203108
<b>B64C 39 /-</b>	2017203075	2017237930	<b>C07D 417 /-</b>	<b>C08L 1 /-</b>	2017204292
2015246588	<b>C07C 333 /-</b>	<b>C07D 285 /-</b>	2014321397	<b>C08L 77 /-</b>	<b>C12N 7 /-</b>
2018200729	2017203075	2017237930	2014355887	2016257785	2014221143
<b>B64C 5 /-</b>	<b>C07C 7 /-</b>	<b>C07D 295 /-</b>	2017237930	<b>C08L 77 /-</b>	2017204292
2018200729	2017200595	2014321397	<b>C07D 471 /-</b>	2015264103	<b>C12Q 1 /-</b>
<b>B64C 9 /-</b>	<b>C07C 9 /-</b>	<b>C07D 307 /-</b>	2017203756	<b>C09D 11 /-</b>	2013382098
2018200729	2017200595	2014321397	<b>C07D 495 /-</b>	2015291982	2018200513
			2017237930	<b>C09D 4 /-</b>	<b>C22B 15 /-</b>
			<b>C07D 498 /-</b>	2016285795	2016250309
			2016280236	<b>C09K 5 /-</b>	<b>C22B 17 /-</b>
			<b>C07D 519 /-</b>	2016254948	2016250309
			2016280236	<b>C09K 8 /-</b>	<b>C22B 23 /-</b>
					2016250309

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<b><u>C22B 3 /-</u></b>	<b><u>D21C 9 /-</u></b>	2015400394	<b><u>F26B 3 /-</u></b>	<b><u>G03F 7 /-</u></b>	<b><u>G07C 1 /-</u></b>
2015246588	2016257785	<b><u>E21B 44 /-</u></b>	2017317608	2015203431	2014262187
2015299745	<b><u>D21H 17 /-</u></b>	2015270910	<b><u>F42B 33 /-</u></b>	2016277648	<b><u>G07C 5 /-</u></b>
2016250309	2015264403	<b><u>E21B 47 /-</u></b>	2018260923	2016277648	2015390031
<b><u>C23C 2 /-</u></b>	<b><u>D21H 21 /-</u></b>	2015270910	<b><u>G01F 15 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G07G 1 /-</u></b>
2017257044	2015264403	<b><u>E21B 7 /-</u></b>	2016244339	2015295858	2015390031
<b><u>C23C 22 /-</u></b>	<b><u>D21H 27 /-</u></b>	2015257479	<b><u>G01N 13 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G08B 13 /-</u></b>
2017257044	2016257785	2015270910	2018200513	2018200729	2016345309
<b><u>C23C 28 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>F03G 3 /-</u></b>	<b><u>G01N 23 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>G08C 17 /-</u></b>
2017257044	2013368902	2017220769	2016206540	2015246588	2018202770
<b><u>C25B 1 /-</u></b>	2013368902	<b><u>F03G 7 /-</u></b>	<b><u>G01N 24 /-</u></b>	<b><u>G06F 12 /-</u></b>	<b><u>G16B 30 /-</u></b>
2015315620	<b><u>E04B 9 /-</u></b>	2015359298	2016206540	2017201776	2016311444
<b><u>C25B 11 /-</u></b>	2013368902	<b><u>F04C 29 /-</u></b>	<b><u>G01N 27 /-</u></b>	2017203631	<b><u>H01H 33 /-</u></b>
2015315620	<b><u>E04H 17 /-</u></b>	2015318761	2014372609	2017203631	<b><u>H01H 33 /-</u></b>
<b><u>C25B 13 /-</u></b>	2016414392	<b><u>F04D 25 /-</u></b>	2018200513	<b><u>G06F 15 /-</u></b>	2014216055
2015315620	<b><u>E05B 13 /-</u></b>	2016387082	<b><u>G01N 33 /-</u></b>	2015390031	<b><u>H01H 9 /-</u></b>
<b><u>C25C 1 /-</u></b>	2014262187	<b><u>F16H 21 /-</u></b>	2018200513	<b><u>G06F 16 /-</u></b>	2014216055
2016250309	<b><u>E05B 15 /-</u></b>	2018200513	<b><u>G01R 29 /-</u></b>	2014200029	<b><u>H01L 21 /-</u></b>
<b><u>D01F 6 /-</u></b>	2017221661	<b><u>F16H 25 /-</u></b>	2015240437	2014274688	<b><u>H01L 21 /-</u></b>
2015264103	<b><u>E05B 47 /-</u></b>	2018200513	<b><u>G01R 33 /-</u></b>	2017203631	2015203431
<b><u>D06F 33 /-</u></b>	2014262187	<b><u>F16K 27 /-</u></b>	2016206540	2017254926	<b><u>H01L 51 /-</u></b>
2016212842	<b><u>E05B 63 /-</u></b>	2016244339	<b><u>G01S 13 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>H01L 51 /-</u></b>
<b><u>D06F 37 /-</u></b>	2014262187	<b><u>F16K 31 /-</u></b>	2014271294	2017201776	2015203431
2016366584	<b><u>E05B 65 /-</u></b>	2014283540	<b><u>G01S 15 /-</u></b>	2017210597	<b><u>H01M 10 /-</u></b>
2017221661	2017221661	<b><u>F16L 3 /-</u></b>	2015228768	<b><u>G06F 21 /-</u></b>	2017201788
<b><u>D06F 39 /-</u></b>	<b><u>E05D 15 /-</u></b>	2016386003	<b><u>G01S 7 /-</u></b>	2016243115	2018202770
2016366584	2016303242	<b><u>F17C 3 /-</u></b>	2015228768	<b><u>G06F 3 /-</u></b>	2016352502
2017221661	<b><u>E21B 21 /-</u></b>	2014377926	<b><u>G01V 3 /-</u></b>	2014350797	<b><u>H01Q 17 /-</u></b>
<b><u>D06F 58 /-</u></b>	2014203158	<b><u>F21V 23 /-</u></b>	2016206540	2017202058	<b><u>H01Q 17 /-</u></b>
2016212842	2015400394	2015202768	<b><u>G02B 17 /-</u></b>	2017204611	2015240437
<b><u>D06L 4 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F25B 17 /-</u></b>	2017202383	2017296234	<b><u>H02G 1 /-</u></b>
2015264403	2015400347	2016254948	<b><u>G02B 21 /-</u></b>	2017297625	<b><u>H02G 1 /-</u></b>
<b><u>D06P 1 /-</u></b>	<b><u>E21B 33 /-</u></b>	2016254948	2017202383	<b><u>G06F 9 /-</u></b>	2015257479
2015291982	2014357648	<b><u>F25B 35 /-</u></b>	2017202383	2013277002	<b><u>H02G 3 /-</u></b>
<b><u>D06P 5 /-</u></b>	2015390232	2016254948	<b><u>G02B 27 /-</u></b>	<b><u>G06Q 10 /-</u></b>	2015255145
2015246206	2015400347	<b><u>F25B 41 /-</u></b>	2017201669	2015390031	<b><u>H02J 7 /-</u></b>
<b><u>D07B 1 /-</u></b>	<b><u>E21B 34 /-</u></b>	2016254948	2017202383	2014274688	<b><u>H02J 7 /-</u></b>
2015359298	2014203158	<b><u>F25J 1 /-</u></b>	2017296234	<b><u>G06T 15 /-</u></b>	2014262187
<b><u>D21C 5 /-</u></b>	2014357648	2017200595	2017297625	2013308155	2014262187
2016257785	2015214610		<b><u>G02B 5 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H02K 7 /-</u></b>
			2017296234	2013308155	2017220769
			2017297625		

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<b><u>H02S 40 /-</u></b>	<b><u>H04R 25 /-</u></b>
2015396639	2017272228
<b><u>H04B 17 /-</u></b>	<b><u>H04W 4 /-</u></b>
2015240437	2014415981
<b><u>H04B 7 /-</u></b>	<b><u>H04W 40 /-</u></b>
2015301066	2016358250
2016358250	
<b><u>H04L 1 /-</u></b>	<b><u>H04W 72 /-</u></b>
2015335615	2015296915
<b><u>H04L 12 /-</u></b>	<b><u>H04W 8 /-</u></b>
2015390031	2015384676
2015419073	
2016358250	<b><u>H04W 84 /-</u></b>
2017201776	2015384676
	2015396027
<b><u>H04L 29 /-</u></b>	<b><u>H05B 3 /-</u></b>
2015390031	2014381787
2016243115	
2016280163	
<b><u>H04L 5 /-</u></b>	<b><u>H05B 33 /-</u></b>
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<b><u>H04L 9 /-</u></b>	<b><u>H05B 37 /-</u></b>
2016243115	2015202768
<b><u>H04M 1 /-</u></b>	<b><u>H05B 6 /-</u></b>
2016352502	2015411672
<b><u>H04M 11 /-</u></b>	<b><u>H05K 5 /-</u></b>
2015390031	2016352502
<b><u>H04M 7 /-</u></b>	<b><u>H05K 7 /-</u></b>
2015390031	2015200406
<b><u>H04N 1 /-</u></b>	
2017202058	
<b><u>H04N 13 /-</u></b>	
2013308155	
<b><u>H04N 19 /-</u></b>	
2017202638	
2017225114	
<b><u>H04N 21 /-</u></b>	
2016243988	
2018201330	
<b><u>H04N 5 /-</u></b>	
2017296234	
2017297625	
<b><u>H04N 7 /-</u></b>	
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**Certified Innovation Patents**

**Name Index**

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

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(71) Apple Inc.  
 (11) AU-B-2018100685  
 (21) 2018100685 (22) 21.05.2018  
 (54) Connector system impedance matching  
 (51) Int. Cl.  
     *H01R 13/6473* ( 2011.01 )  
     *H01R 12/71* ( 2011.01 )  
 (45) 07.02.2019  
 (62) 2017101132  
 (72) CORNELIUS, William; AMINI, Mahmoud R.; GAO, Zheng  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Arch Wood Protection Pty Ltd  
 (11) AU-B-2017101784  
 (21) 2017101784 (22) 21.12.2017  
 (54) A timber preservative formulation  
 (51) Int. Cl.  
     *B27K 3/44* ( 2006.01 )  
     *A01N 61/02* ( 2006.01 )  
     *B27K 3/34* ( 2006.01 )  
     *C08L 95/00* ( 2006.01 )  
 (45) 07.02.2019  
 (62) 2016214958  
 (72) Humphrey, David; Skewes, Brett; McFarling, Shane  
 (74) Shelston IP Pty Ltd.

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(71) Honeywell International Inc.  
 (11) AU-B-2018100570  
 (21) 2018100570 (22) 01.05.2018  
 (54) Molded sole with fluid dispersion characteristics  
 (51) Int. Cl.  
     *A43B 17/08* ( 2006.01 )  
 (45) 07.02.2019  
 (62) 2016101546  
 (72) HUGHES, Phillip; HUGGINS, Brett  
 (74) Davies Collison Cave Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2018100945  
 (21) 2018100945 (22) 06.07.2018  
 (54) CLEANING APPARATUS  
 (51) Int. Cl.  
     *A47L 9/16* ( 2006.01 )  
     *A47L 9/28* ( 2006.01 )  
     *A47L 9/32* ( 2006.01 )  
 (45) 07.02.2019  
 (62) 2017240611  
 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong  
 (74) Dentons New Zealand Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2018100954  
 (21) 2018100954 (22) 06.07.2018  
 (54) CLEANING APPARATUS  
 (51) Int. Cl.

*A47L 9/16* ( 2006.01 )  
*A47L 9/28* ( 2006.01 )  
*A47L 9/32* ( 2006.01 )  
 (45) 07.02.2019  
 (62) 2017240611  
 (72) NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong  
 (74) Dentons New Zealand Limited

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(71) MCWIN TECHNOLOGY PTY LTD  
 (11) AU-B-2014101299  
 (21) 2014101299 (22) 24.10.2014  
 (54) Mini Cistern Flood Stop Assembly  
 (51) Int. Cl.  
     *F16K 17/04* ( 2006.01 )  
 (31) 2013904365 (32) 12.11.13 (33) AU  
 (45) 07.02.2019  
 (72) McLean, Robert  
 (74) Spruson & Ferguson

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(71) Pendulum Logistics Pty Ltd  
 (11) AU-B-2018100769  
 (21) 2018100769 (22) 08.06.2018  
 (54) SIM CARD BODY WITH INTEGRATED SIM AND SIM EJECT TOOL  
 (51) Int. Cl.  
     *H04B 1/38* ( 2015.01 )  
 (45) 07.02.2019  
 (72) MOORE, David; KRALJEVIC, Ivan  
 (74) K&L Gates

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(71) Zelda Therapeutics Operations Pty Ltd  
 (11) AU-B-2018100920  
 (21) 2018100920 (22) 03.07.2018  
 (54) Cannabis Composition  
 (51) Int. Cl.  
     *A61K 31/352* ( 2006.01 )  
     *A61K 31/05* ( 2006.01 )  
     *A61K 36/00* ( 2006.01 )  
     *A61P 35/00* ( 2006.01 )  
 (45) 07.02.2019  
 (62) 2017305103  
 (72) Karelis, Harry; Gordon, Mara; Smith, Stewart; Washer, Stewart  
 (74) Griffith Hack

**Numerical Index**

**2014101299** MCWIN TECHNOLOGY PTY LTD  
**2017101784** Arch Wood Protection Pty Ltd  
**2018100570** Honeywell International Inc.  
**2018100685** Apple Inc.  
**2018100769** Pendulum Logistics Pty Ltd  
**2018100920** Zelda Therapeutics Operations Pty Ltd  
**2018100945** LG Electronics Inc.  
**2018100954** LG Electronics Inc.

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2018100920

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2018100920

**B27K 3 /-**

2017101784

**C08L 95 /-**

2017101784

**F16K 17 /-**

2014101299

**H01R 12 /-**

2018100685

**H01R 13 /-**

2018100685

**H04B 1 /-**

2018100769

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2014402777 **Roll-N-Lock Corporation** ( Mountain Top Industries ApS )

**Opposition Withdrawn**

2014292483 **Britax Romer Kindersicherheit GmbH** ( Dorel Australia Pty Ltd )

**Patents Granted**

**Standard Patents**

2012356340	2013217130	2013220148	2013230930
2013246909	2013248253	2013285173	2013334469
2013364133	2013384886	2014204263	2014207748
2014208971	2014224166	2014225522	2014227443
2014228344	2014229202	2014237348	2014244248
2014246660	2014253798	2014257164	2014260123
2014279983	2014280191	2014289720	2014291142
2014295972	2014301388	2014303009	2014311389
2014312428	2014315619	2014317256	2014318665
2014322794	2014324459	2014331471	2014339090
2014354567	2014357521	2014363361	2014370414
2014373830	2015217689	2015235889	2015245605
2015268204	2015281761	2015294082	2015295220
2015296972	2015297230	2015299314	2015306321
2015310721	2015327943	2015341687	2015348886
2015351400	2015355337	2015360438	2015360849
2015377209	2015383155	2015390546	2015402938
2015417575	2016200496	2016204416	2016208254
2016208378	2016210540	2016211569	2016220003
2016242617	2016243367	2016262705	2016266014
2016274459	2016281710	2016285007	2016289884
2016310895	2016316933	2016323311	2017200397
2017200513	2017200733	2017200748	2017200873
2017201528	2017203524	2017204287	2017221856
2017221858	2017225153	2017228517	2017228532
2017232143	2017297627	2018203404	2018222918

**Innovation Patents**

2015101949	2018101859	2018101876	2018101982
2018101983	2018102061	2018102082	2018102093
2018102101	2018102103	2018102105	2018102107
2018102109	2018102111	2018102112	2018102113
2018102114	2018102117	2018102118	2018102122
2018102123	2019100001	2019100003	2019100004
2019100006			

**Revocation**

It is hereby notified that as a consequence of a decision by the Commissioner dated 22.01.2019 , Patent 2014330898 in the name of **MasterCard International Incorporated** has been revoked in relation to a re-examination and subsequent revocation under Section 101 of the Patents Act.

**Assignments Registered**

2002223946 Ecopy, Inc. The patent has been assigned to **Nuance Communications, Inc.**

2004227740 Favourite Systems AS The patent has been assigned to **Rakuten, Inc.**

2005253503 Applied Plasma Physics ASA The patent has been assigned to **Schenck Process Europe GmbH**

**Assignments Registered**

2005324285 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2005327912 Parten, Keith The patent has been assigned to **MOTION WATER SPORTS, INC**

2006200735 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2006312988 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2007207864 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2009311493 ENDURE MEDICAL INC. The patent has been assigned to **Alcon Research, Ltd.**

2010241517 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2011202493 Surgical Solutions, LLC. The patent has been assigned to **Bannerman, Brett**

2011242137 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2011313628 Schenck Process GmbH The patent has been assigned to **Schenck Process Europe GmbH**

2011318233 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2011354595 ABT Molecular Imaging, Inc. The patent has been assigned to **Best ABT, Inc.**

2012325934 Trinity Industries, Inc. The patent has been assigned to **Arcosa, Inc.**

2013101605 Coles Supermarkets Australia Pty Ltd The patent has been assigned to **Coles Group Limited**

2013101761 Coles Supermarkets Australia Pty Ltd The patent has been assigned to **Coles Group Limited**

2013201257 ENDURE MEDICAL INC. The patent has been assigned to **Alcon Research, Ltd.**

2013242931 Exeger Sweden AB The patent has been assigned to **Exeger Operations AB**

2013242933 Exeger Sweden AB The patent has been assigned to **Exeger Operations AB**

2013264779 arGEN-X N.V. The patent has been assigned to **ar-genx B.V.B.A.**

2013333928 Institut Pasteur de Lille; INSERM (Institut National de la Sante et de la Recherche Medicale); Universite Droit et Sante Lille II The patent has been assigned to **INSERM (Institut National de la Sante et de la Recherche Medicale); Universite de Lille; Institut Pasteur de Lille**

2013346427 Advanced First Aid Research Pte Ltd. The patent has been assigned to **Harrisburg (B.V.I.) Limited**

2014283775 Schenck Process GmbH The patent has been assigned to **Schenck Process Europe GmbH**

2014289638 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Europe GmbH**



**Assignments Registered**

2014350608 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Europe GmbH**

2015100153 WEAR APPLICATIONS & MANAGEMENT SERVICES PTY. LTD. The patent has been assigned to **METSO MINERALS OY**

2015100154 WEAR APPLICATIONS & MANAGEMENT SERVICES PTY. LTD. The patent has been assigned to **METSO MINERALS OY**

2015213678 Patara Pharma, LLC The patent has been assigned to **Respivant Sciences GmbH**

2015215266 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Europe GmbH**

2016100152 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

2016101455 Iyngkaran, Guruparan; Tse, Edmund Yee-Lai The patent has been assigned to **Global Health Innovators Pty Ltd**

2016101848 WEAR APPLICATIONS & MANAGEMENT SERVICES PTY. LTD. The patent has been assigned to **METSO MINERALS OY**

2016101850 WEAR APPLICATIONS & MANAGEMENT SERVICES PTY. LTD. The patent has been assigned to **METSO MINERALS OY**

2016202830 Trinity Industries, Inc. The patent has been assigned to **Arcosa, Inc.**

2016231496 Impact Tech Labs AG The patent has been assigned to **Nurvv Limited**

2016253609 Impact Tech Labs AG The patent has been assigned to **Nurvv Limited**

2017100250 Wear Applications & Management Services Pty Ltd The patent has been assigned to **METSO MINERALS OY**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

The following application(s) for Extension of Term have been granted under Section 76.

2004233978 **AiCuris Anti-infective Cures GmbH**

The earliest first regulatory approval date provided by the patentee 22 Jun 2018

For the goods PREVYMIS Ietermovir

Extension of Term of patent pursuant to Section 77 expires on 17 Apr 2029

2009286380 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 17 Aug 2018

For the goods STEGLATRO 5 ertugliflozin

Extension of Term of patent pursuant to Section 77 expires on 17 May 2033

2017200011 **Mundipharma Pty Limited**

The earliest first regulatory approval date provided by the patentee 12 May 2010

For the goods TARGIN oxycodone hydrochloride/naloxone hydrochloride

Extension of Term of patent pursuant to Section 77 expires on 12 May 2025

**Corrigenda**

In Vol 33 , No 3 , Page(s) 428 under the heading **Amendments - Application for Amendments** Under the name Robit Oyj, Application No. 2013311479 correct the date of the statements filed to read 13 Nov 2018 and 7 Jan 2019

In Vol 33 , No 3 , Page(s) 429 under the heading **Amendments - Application for Amendments** Under the name ESBATech, an Alcon Biomedical Research Unit LLC, Application No. 2016273957 correct the date of the statements filed to read 20 Dec 2018 and 02 Jan 2019

In Vol 33 , No 3 , Page(s) 565 under the heading **Assignments Registered** Under the name GE Global Sourcing LLC; General Electric Company, Application No. 2004305456, under INID (71) remove co-applicant General Electric Company