



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	5351
Amendments Made .....	5352
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	5353

#### Applications Accepted

Name Index .....	5420
Numerical Index .....	5459
IPC Index .....	5463

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	5348
---	------

#### Applications Open to Public Inspection

Name Index .....	5355
Numerical Index .....	5367
IPC Index .....	5369

Assignments before Grant, Section 113 .....	5350
---	------

Assignments Registered .....	5472
------------------------------	------

#### Certified Innovation Patents

Name Index .....	5469
Numerical Index .....	5470
IPC Index .....	5471

#### Complete Applications Filed

Name Index .....	5335
Numerical Index .....	5343

Corrigenda .....	5473
------------------	------

Extensions of Term of Standard Patents .....	5473
--	------

<b>Extensions of Time, Section 223 .....</b>	<b>5350</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	5345
Numerical Index .....	5347
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	5371
Numerical Index .....	5375
IPC Index .....	5376
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	5377
Numerical Index .....	5410
IPC Index .....	5414
<b>Patents Granted .....</b>	<b>5472</b>
<b>Licences Registered .....</b>	<b>5473</b>
<b>Opposition Proceedings .....</b>	<b>5472</b>
<b>Provisional Applications Filed</b>	
Name Index .....	5330
Numerical Index .....	5334
<b>Specifications Republished .....</b>	<b>5474</b>

## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 3 October 2019**  
**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*CCL Secure Pty Ltd (formerly Innovia Security Pty Ltd) v De La Rue International Limited* [2019] APO  
**43**

Patent Application: 2011222723

Title: Moire magnification device

Patent Applicant: De La Rue International Limited

Opponent: CCL Secure Pty Ltd (formerly Innovia Security Pty Ltd)

Delegate: Xavier Gisz

Decision Date: 23 September 2019

Hearing Date: Written submissions filed on 30 May 2019, 13 June 2019 and 20 June 2019

Catchwords: **PATENTS** - section 59 opposition to grant of a patent – reference to information under Regulation 5.23 deemed unnecessary – grounds of novelty, inventive step, utility, fair basis – claims 1-22 lack utility – opposition to other grounds unsuccessful – costs awarded

Representation: Patent attorney for the applicant: Davies Collison Cave Pty Ltd  
Patent attorney for the opponent: Allens Patent & Trade Mark Attorneys

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 17 Sep 2019 .

<p><b>Adams, P. see Oldnall, C.</b> (21) 2019903452</p>	<p>(71) Bremick Pty Ltd (21) 2019903394 (22) 12.09.2019 (54) Packing shim</p>	<p>(71) Cullis-Hill, S. (21) 2019903451 (22) 17.09.2019 (54) Methods of treatment</p>
<p>(71) ADKA Investments Pty Ltd (21) 2019903409 (22) 13.09.2019 (54) Improvements in or in relation to mine roof support cribs</p>	<p>(71) Breville Pty Limited (21) 2019903396 (22) 12.09.2019 (54) An oven</p>	<p>(71) Davey, B. (21) 2019903433 (22) 16.09.2019 (54) Fly Inducing Non-Returning Incarcerator (FINI)</p>
<p>(71) Ahmad, J. (21) 2019903456 (22) 17.09.2019 (54) hijab bra, hijab sports bra, hijab four set function, scarf bra,</p>	<p>(71) BUILDING MANAGEMENT SYSTEMS AUSTRALIA PTY LTD (21) 2019903449 (22) 17.09.2019 (54) SYSTEMS AND METHODS FOR MONITORING AND MANAGING FACILITIES IN REAL-TIME</p>	<p>(71) Davies, K. (21) 2019903478 (22) 18.09.2019 (54) Mitigating Harmonics</p>
<p>(71) Aquarium Innovations Pty Ltd (21) 2019903469 (22) 18.09.2019 (54) APPARATUS FOR A COIN COUNTER</p>	<p>(71) Bulk Handling Australia Group Pty Ltd (21) 2019903459 (22) 17.09.2019 (54) An Improved Bag</p>	<p>(71) Dobra, S. (21) 2019903471 (22) 18.09.2019 (54) Bed Desk Swivel Table</p>
<p><b>Ataoglu, M. see Jing, H.</b> (21) 2019903439</p>	<p>(71) Byte In Bite Pty Ltd (21) 2019903388 (22) 11.09.2019 (54) Internal connecting system with added clamping</p>	<p>(71) Drinkwater, A.; Nielsen, J. (21) 2019903444 (22) 17.09.2019 (54) A maintenance tool for claw-type hose couplings</p>
<p>(71) BARRINGTON &amp; ASSOCIATES PTY. LIMITED; Enersol Consulting Engineers (21) 2019903466 (22) 18.09.2019 (54) Hole Detection in the Closed end of Condoms</p>	<p>(71) Colville, H. (21) 2019903435 (22) 16.09.2019 (54) Fluid pump</p>	<p>(71) ECOPOWER PTY LTD; ELLUL, W. (21) 2019903400 (22) 12.09.2019 (54) THE WATER FROM AIR, HYBRID INDIRECT COOLER</p>
<p>(71) Bluedot Innovation Pty Ltd (21) 2019903462 (22) 17.09.2019 (54) LOCATION-BASED BEHAVIOURAL DATA WITHIN GEO-FENCING</p>	<p>(71) Coma, A. (21) 2019903391 (22) 11.09.2019 (54) Solar powered transparent tombstone</p>	<p><b>ELLUL, W. see ECOPOWER PTY LTD</b> (21) 2019903400</p>
<p><b>Bowey, K. see Bowey, J.</b> (21) 2019903402</p>	<p>(71) Commercialisation Express Pty Ltd (21) 2019903447 (22) 17.09.2019 (54) Blockout Blind System</p>	<p><b>Enersol Consulting Engineers see BARRINGTON &amp; ASSOCIATES PTY. LIMITED</b> (21) 2019903466</p>
<p>(71) Bowey, J.; Bowey, K. (21) 2019903402 (22) 12.09.2019 (54) A SUPPORT FOR ATTACHMENT TO A STRUCTURAL MEMBER</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019903398 (22) 12.09.2019 (54) Object Moving System</p>	<p>(71) Eyonic Pty Limited (21) 2019903438 (22) 16.09.2019 (54) Method and/or System for Testing Visual Function</p>

Provisional Applications Filed - Name Index cont'd

(71) Farmbot Holdings Pty Ltd  
(21) 2019903403 (22) 12.09.2019  
(54) System and method for data filtering and transmission management

(71) Farm Connexion Pty Ltd; Loughlin, T.  
(21) 2019903431 (22) 14.09.2019  
(54) Autonomous Livestock Feeding System and Method

(71) Far West Primary Industries Pty Ltd  
(21) 2019903443 (22) 16.09.2019  
(54) BORE PLUG ASSEMBLY

(71) Five Rings Aerospace Pty Ltd  
(21) 2019903424 (22) 13.09.2019  
(54) STRETCHER LOADER SYSTEM

(71) Gelion Technologies Pty Ltd  
(21) 2019903414 (22) 13.09.2019  
(54) Hydrogen re-oxidation system

(71) Gelion Technologies Pty Ltd  
(21) 2019903415 (22) 13.09.2019  
(54) Surface modification of electrodes

(71) Gelion Technologies Pty Ltd  
(21) 2019903416 (22) 13.09.2019  
(54) Surface modification of electrodes

(71) Genieus Genomics Pty Ltd  
(21) 2019903434 (22) 16.09.2019  
(54) Biomarkers for neurodegenerative diseases

(71) Gibson, F.  
(21) 2019903407 (22) 13.09.2019  
(54) APPARATUS AND METHOD OF MOUNTING A PANEL RELATIVE TO A SURFACE

(71) Global Safety and Placement Pty Ltd  
(21) 2019903432 (22) 16.09.2019  
(54) SUV Cargo Liner A water-proof device made from PVC or other material, to line the interior of large station wagon vehicles, to prevent dust, dirt, liquids or foreign matter from directly contacting or affecting the interior of the vehicle

(71) Gold Rythmn Pty Ltd  
(21) 2019903418 (22) 13.09.2019  
(54) METHOD AND APPARATUS FOR TAIL DOCKING OF SHEEP

(71) Gomez, R.  
(21) 2019903463 (22) 17.09.2019  
(54) Single Electrolyte Membrane Electrolyser

**Grains Research and Development Corporation see The University of Melbourne**  
(21) 2019903410

(71) GREEN ECO INTERNATIONAL PTY LTD  
(21) 2019903389 (22) 11.09.2019  
(54) System and method for organic material processing

(71) Hagedorn, A.T.  
(21) 2019903450 (22) 17.09.2019  
(54) Trailer boat launch aid

(71) Hamel, D.  
(21) 2019903457 (22) 17.09.2019  
(54) A vehicular kinetic electric energy generation system

(71) Hiitfit Holdings Pty Ltd  
(21) 2019903453 (22) 17.09.2019  
(54) Fitness system

(71) iEP2 Research Pty Limited  
(21) 2019903408 (22) 13.09.2019  
(54) An electrical protection device

(71) Immediation Pty Ltd.  
(21) 2019903425 (22) 13.09.2019  
(54) ONLINE MEDIATION AND SETTLEMENT OF DISPUTES

(71) Innovatus Design Pty Ltd  
(21) 2019903470 (22) 18.09.2019  
(54) A MODULAR PARTITION AND FABRICATION THEREOF

(71) Ironstone Technology Pty Ltd  
(21) 2019903423 (22) 13.09.2019  
(54) Solar panel cleaning system and components therefor

(71) Jing, H.; Ataoglu, M.  
(21) 2019903439 (22) 16.09.2019  
(54) Enhanced Modular Wall System

(71) JOCO Group Pty Ltd  
(21) 2019903405 (22) 12.09.2019  
(54) A lid for a cup

(71) Johnston, G.  
(21) 2019903385 (22) 11.09.2019  
(54) Method of Controlling Cambers and Inversion in a Wing Sail

(71) Kuch, C.  
(21) 2019903386 (22) 11.09.2019  
(54) HIVE (Hydro Injected Vortic Energy) Technology

(71) LOGGO IP PTY LTD  
(21) 2019903426 (22) 13.09.2019  
(54) IMPROVEMENTS IN ENGINEERED TIMBER PRODUCTS USED IN BUILDING CONSTRUCTION

**Loughlin, T. see Farm Connexion Pty Ltd**  
(21) 2019903431

(71) Lyell, O.  
(21) 2019903399 (22) 12.09.2019  
(54) Self-sealing tyre valve

(71) Maiolo, S.  
(21) 2019903393 (22) 12.09.2019  
(54) Ladder

(71) MAXM I PTY LTD  
(21) 2019903468 (22) 18.09.2019  
(54) A STADIUM/ARENA CROWD EXPERIENCE, CROWD MANAGEMENT AND CROWD GENERATION ARRANGEMENT, AND A METHOD TO CREATE AN ENHANCED CROWD EXPERIENCE AND/OR CROWD AT SAID STADIUM/ARENA

(71) McCabe, D.  
(21) 2019903467 (22) 18.09.2019  
(54) The present invention relates to the liquid wax removal from a motor vehicles windshield, which results from the build-up of wax residue on the motor vehicles front window after the motor vehicle is washed in an automatic car wash, by using a liquid car wash window wax remover. (the product). The product comprises of a combination of isopropyl alcohol, vinegar, pure water and washing detergent achieving a car wax removal from motor vehicle windscreens, which allows the driver uninterrupted vision. The product is applied by the use of a melamine foam applicator.

(71) Medlab IP Pty Ltd  
(21) 2019903417 (22) 13.09.2019  
(54) Compositions and uses thereof

(71) Messner, K.  
(21) 2019903406 (22) 12.09.2019  
(54) A vertically oriented, equipment enclosure with integral energy harvesting for harsh, external environments

Provisional Applications Filed - Name Index cont'd

(71) Middleton, I.  
(21) 2019903441 (22) 16.09.2019  
(54) Urinary catheter and method of catheterising a bladder

(71) Monash University; University of Melbourne  
(21) 2019903419 (22) 13.09.2019  
(54) Detection of halocarbons

(71) Monash University  
(21) 2019903421 (22) 13.09.2019  
(54) Methods of Identifying MHC-Bound Peptides

(71) Moon, J.; Sarmiento, J.  
(21) 2019903430 (22) 14.09.2019  
(54) Spring Coiled Paint Roller Handle

(71) Musgrave, A.G.  
(21) 2019903437 (22) 16.09.2019  
(54) Electronic betting rehabilitation tool

(71) NewSouth Innovations Pty Limited  
(21) 2019903473 (22) 18.09.2019  
(54) Method and apparatus for estimating body motion

(71) NewSouth Innovations Pty Limited  
(21) 2019903475 (22) 18.09.2019  
(54) Nanosheets and methods for preparing nanosheets and drug delivery applications

**Nielsen, J. see Drinkwater, A.**  
(21) 2019903444

(71) NONDRILL PTY LTD  
(21) 2019903442 (22) 16.09.2019  
(54) Screen support

(71) Nutrition Care Pharmaceuticals Pty Ltd  
(21) 2019903461 (22) 17.09.2019  
(54) Compositions and methods for treating certain gastrointestinal disorders

(71) O'Sullivan, K.  
(21) 2019903397 (22) 12.09.2019  
(54) Modular panel basement shoring apparatus

(71) Oldfields Holdings Limited  
(21) 2019903387 (22) 11.09.2019  
(54) A SCAFFOLDING DECK AND COMPONENTS THEREFOR

(71) Oldhall, C.; Adams, P.  
(21) 2019903452 (22) 17.09.2019  
(54) Removal of Mill Liners

(71) Patel, B.P.  
(21) 2019903395 (22) 12.09.2019  
(54) Pressure Cooker Regulator

(71) PRM Industries Pty Ltd  
(21) 2019903472 (22) 18.09.2019  
(54) Product

(71) Randlab Australia Pty Limited  
(21) 2019903465 (22) 18.09.2019  
(54) Improved Oral Paste Formulation Containing Omeprazole

(71) Rapidtech International Pty Ltd  
(21) 2019903411 (22) 13.09.2019  
(54) Electronic tag system and method

(71) S.J OSSENBERG & T.M OSSENBERG  
(21) 2019903413 (22) 13.09.2019  
(54) Locking mechanism, for trailers, caravans, boat trailers for example, in which a shackle can be connected to the trailer via the safety chain and fixed off to the tow hitch assembly on a vehicle preventing people from stealing trailers

**Sarmiento, J. see Moon, J.**  
(21) 2019903430

(71) SEEX, K.  
(21) 2019903392 (22) 12.09.2019  
(54) DISTRACTION AND RETRACTION ASSEMBLY INCORPORATING LOCKING FEATURE.

(71) Skrin Pty Ltd  
(21) 2019903422 (22) 13.09.2019  
(54) Pressure Fluid Operated Twistlock

(71) Smith, J.  
(21) 2019903390 (22) 11.09.2019  
(54) The Archie TOIT simply sits on the base of the golf flagstick just above the base feral and with the removal of the flagstick the ball exits the hole very simply and causes no damage to the golf hole, ball or flagstick.

(71) Solar Injection Australia Pty Ltd  
(21) 2019903445 (22) 17.09.2019  
(54) A gas well gathering pipeline gas re-injection system

(71) Somatrack Pty Ltd  
(21) 2019903429 (22) 13.09.2019  
(54) Devices and methods for measuring body tissue using acoustic waves

(71) Southern Adelaide Local Health Network  
(21) 2019903412 (22) 13.09.2019  
(54) METHODS AND PRODUCTS FOR PREVENTING AND/OR TREATING REPERFUSION INJURY

(71) Spa Electrics Pty Ltd  
(21) 2019903454 (22) 17.09.2019  
(54) ADAPTER ASSEMBLY FOR LUMINAIRE

(71) SPANLIFT AUSTRALIA PTY LTD  
(21) 2019903455 (22) 17.09.2019  
(54) WINE BARREL OR STILLAGE RACK LOCKING MECHANISM

(71) Spark, I.  
(21) 2019903464 (22) 17.09.2019  
(54) Improved Articulated Vehicle

(71) Sturdy, P.  
(21) 2019903428 (22) 13.09.2019  
(54) Digital Stethoscope

(71) Technological Resources Pty. Limited  
(21) 2019903427 (22) 13.09.2019  
(54) METHOD AND APPARATUS FOR OPERATION OF RAILWAY SYSTEMS

**The Australian National University see Universität Stuttgart**  
(21) 2019903476

(71) The Crucible Group IP Pty Ltd  
(21) 2019903448 (22) 17.09.2019  
(54) CARBON FUEL CELLS

(71) The University of Melbourne; Grains Research and Development Corporation  
(21) 2019903410 (22) 13.09.2019  
(54) Hydrogel compositions comprising protist cells

(71) The University of Sydney  
(21) 2019903401 (22) 12.09.2019  
(54) Compositions and method of printing ceramic materials

(71) The University of Sydney  
(21) 2019903460 (22) 17.09.2019  
(54) Matrix metalloproteinase probes and diagnostic and prognostic methods

(71) Thompson, S.  
(21) 2019903458 (22) 17.09.2019  
(54) Fluid Container

Provisional Applications Filed - Name Index cont'd

(71) Thomson Aviation Pty Ltd  
 (21) 2019903436 (22) 16.09.2019  
 (54) AN IMPROVED TRANSMITTER COIL

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(71) Universität Stuttgart; The Australian National University  
 (21) 2019903476 (22) 18.09.2019  
 (54) Quantum information processing device, assembly, arrangement, system and sensor

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**University of Melbourne see Monash University**  
 (21) 2019903419

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(71) Weir Minerals Australia Ltd  
 (21) 2019903474 (22) 18.09.2019  
 (54) A sensing device, system and method for a pump

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(71) Werner Co  
 (21) 2019903477 (22) 18.09.2019  
 (54) STEP LADDER PIVOT & LOCK MECHANISM

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(71) White, M.; YNDK Pty Ltd  
 (21) 2019903440 (22) 16.09.2019  
 (54) IMPROVED CHEWABLE SEALANT TOOTHPASTE, FOODS AND METHOD OF PREVENTING TOOTH DECAY

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(71) Wyrdom Pty Ltd.  
 (21) 2019903404 (22) 12.09.2019  
 (54) A PRESSURE ENGINE AND ITS SONIC CLUTCH FOR MACHINE INTERCONNECTION

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**YNDK Pty Ltd see White, M.**  
 (21) 2019903440

Numerical Index

2019903385	Johnston, G.	2019903452	Oldnall, C.; Adams, P.
2019903386	Kuch, C.	2019903453	Hiiifit Holdings Pty Ltd
2019903387	Oldfields Holdings Limited	2019903454	Spa Electrics Pty Ltd
2019903388	Byte In Bite Pty Ltd	2019903455	SPANLIFT AUSTRALIA PTY LTD
2019903389	GREEN ECO INTERNATIONAL PTY LTD	2019903456	Ahmad, J.
2019903390	Smith, J.	2019903457	Hamel, D.
2019903391	Coma, A.	2019903458	Thompson, S.
2019903392	SEEX, K.	2019903459	Bulk Handling Australia Group Pty Ltd
2019903393	Maiolo, S.	2019903460	The University of Sydney
2019903394	Bremick Pty Ltd	2019903461	Nutrition Care Pharmaceuticals Pty Ltd
2019903395	Patel, B.P.	2019903462	Bluedot Innovation Pty Ltd
2019903396	Breville Pty Limited	2019903463	Gomez, R.
2019903397	O'Sullivan, K.	2019903464	Spark, I.
2019903398	Commonwealth Scientific and Industrial Research Organisation	2019903465	Randlab Australia Pty Limited
2019903399	Lyell, O.	2019903466	BARRINGTON & ASSOCIATES PTY. LIMITED; Enersol Consulting Engineers
2019903400	ECOPOWER PTY LTD; ELLUL, W.	2019903467	McCabe, D.
2019903401	The University of Sydney	2019903468	MAXM I PTY LTD
2019903402	Bowey, J.; Bowey, K.	2019903469	Aquarium Innovations Pty Ltd
2019903403	Farmbot Holdings Pty Ltd	2019903470	Innovatus Design Pty Ltd
2019903404	Wyrdom Pty Ltd.	2019903471	Dobra, S.
2019903405	JOCO Group Pty Ltd	2019903472	PRM Industries Pty Ltd
2019903406	Messner, K.	2019903473	NewSouth Innovations Pty Limited
2019903407	Gibson, F.	2019903474	Weir Minerals Australia Ltd
2019903408	iEP2 Research Pty Limited	2019903475	NewSouth Innovations Pty Limited
2019903409	ADKA Investments Pty Ltd	2019903476	Universität Stuttgart; The Australian National University
2019903410	The University of Melbourne; Grains Research and Development Corporation	2019903477	Werner Co
2019903411	Rapidtech International Pty Ltd	2019903478	Davies, K.
2019903412	Southern Adelaide Local Health Network		
2019903413	S.J OSSENBERG & T.M OSSENBERG		
2019903414	Gelion Technologies Pty Ltd		
2019903415	Gelion Technologies Pty Ltd		
2019903416	Gelion Technologies Pty Ltd		
2019903417	Medlab IP Pty Ltd		
2019903418	Gold Rythmn Pty Ltd		
2019903419	Monash University; University of Melbourne		
2019903421	Monash University		
2019903422	Skrin Pty Ltd		
2019903423	Ironstone Technology Pty Ltd		
2019903424	Five Rings Aerospace Pty Ltd		
2019903425	Immediation Pty Ltd.		
2019903426	LOGGO IP PTY LTD		
2019903427	Technological Resources Pty. Limited		
2019903428	Sturdy, P.		
2019903429	Somatrack Pty Ltd		
2019903430	Moon, J.; Sarmiento, J.		
2019903431	Farm Connexion Pty Ltd; Loughlin, T.		
2019903432	Global Safety and Placement Pty Ltd		
2019903433	Davey, B.		
2019903434	Genieus Genomics Pty Ltd		
2019903435	Colville, H.		
2019903436	Thomson Aviation Pty Ltd		
2019903437	Musgrave, A.G.		
2019903438	Eyonic Pty Limited		
2019903439	Jing, H.; Ataoglu, M.		
2019903440	White, M.; YNDK Pty Ltd		
2019903441	Middleton, I.		
2019903442	NONDRILL PTY LTD		
2019903443	Far West Primary Industries Pty Ltd		
2019903444	Drinkwater, A.; Nielsen, J.		
2019903445	Solar Injection Australia Pty Ltd		
2019903447	Commercialisation Express Pty Ltd		
2019903448	The Crucible Group IP Pty Ltd		
2019903449	BUILDING MANAGEMENT SYSTEMS AUSTRALIA PTY LTD		
2019903450	Hagedorn, A.T.		
2019903451	Cullis-Hill, S.		



**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 17 Sep 2019 .

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

<hr/> <p>(71) 1IC GLOBAL PTY LTD (21) 2019229403 (22) 13.09.2019 (54) a vehicle singular being truck a diesel powered robot or pack pack unit discharging air air mist as a system or singular for the containment of Bushfires and fires without the use of water or very little in a mist system used in fire fighting</p> <hr/> <p>(71) 8 Rivers Capital, LLC (21) 2019232873 (22) 19.09.2019 (54) System and method for power production including methanation (62) 2017220796</p> <hr/> <p>(71) ABB Schweiz AG (21) 2019232828 (22) 18.09.2019 (54) ACTIVE FILTER TOPOLOGY FOR CASCADED INVERTERS (62) 2016354858</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2019232789 (22) 17.09.2019 (54) AGGREGATING DATA IN A MEDIATION SYSTEM (62) 2018214000</p> <hr/> <p>(71) Acceleron Pharma, Inc.; Ludwig Institute for Cancer Research Ltd. (21) 2019232838 (22) 18.09.2019 (54) Methods and compositions based on ALK1 antagonists for modulating angiogenesis and pericyte coverage (62) 2018200237</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019229447 (22) 13.09.2019 (54) AUTOMATED ORDER TROUBLESHOOTING (31) 16/159,428 (32) 12.10.18 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019229462 (22) 16.09.2019 (54) MONITORING AN ARTIFICIAL INTELLIGENCE (AI) BASED PROCESS (31) 201811041021 (32) 30.10.18 (33) IN 16/254,314 22.01.19 US</p> <hr/> <p>(71) AccessClosure, Inc. (21) 2019229423 (22) 13.09.2019</p>	<p>(54) Apparatus and methods for sealing a vascular puncture (62) 2017248426</p> <hr/> <p>(71) Access Closure, Inc. (21) 2019229429 (22) 13.09.2019 (54) Apparatus and methods for sealing a vascular puncture (62) 2015346140</p> <hr/> <p>(71) Agios Pharmaceuticals, Inc (21) 2019232825 (22) 18.09.2019 (54) Pharmaceutical compositions of therapeutically active compounds (62) 2015229212</p> <hr/> <p>(71) Alessi, P. (21) 2019232860 (22) 19.09.2019 (54) Brush harvesters operable by hand and by a vehicle (62) 2017201052</p> <hr/> <p>(71) Alibaba Group Holding Limited (21) 2019232799 (22) 17.09.2019 (54) SERVICE PROCESSING METHOD AND APPARATUS (62) 2016351079</p> <hr/> <p>(71) American Greetings Corporation (21) 2019229427 (22) 13.09.2019 (54) Systems, methods and apparatuses for creating, editing, distributing and viewing electronic greeting cards (62) 2017221816</p> <hr/> <p>(71) Apple Inc. (21) 2019232936 (22) 20.09.2019 (54) Raise to speak (62) 2019203209</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019229445 (22) 13.09.2019 (54) SYSTEM AND METHOD OF PROVIDING A HOLD AND SPIN FEATURE GAME WITH REEL SPECIFIC MULTIPLIERS (31) 16/566,446 (32) 10.09.19 (33) US 62/731,511 14.09.18 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019232823 (22) 18.09.2019</p>	<p>(54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2017221824</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019232826 (22) 18.09.2019 (54) A GAMING SYSTEM WITH GEOFENCED FUNDS TRANSFER (31) 2019900488 (32) 15.02.19 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019232845 (22) 18.09.2019 (54) A SECURITY METHOD (62) 2017203667</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019232846 (22) 18.09.2019 (54) ELECTRONIC GAMING MACHINE WITH DYNAMIC DISPLAY (31) 62/733,058 (32) 18.09.18 (33) US 16/177,248 31.10.18 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019232848 (22) 18.09.2019 (54) WHEEL DISPLAY WITH MOVEABLE SEGMENTS (31) 16/213,830 (32) 07.12.18 (33) US 62/733,058 18.09.18 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019232923 (22) 20.09.2019 (54) SHIFTING SIDE REELS INTO REEL AREA FOR ELECTRONIC GAMING MACHINE (31) 16/528,407 (32) 31.07.19 (33) US 62/734,215 20.09.18 US</p> <hr/> <p>(71) Automatic Technology (Australia) Pty Ltd (21) 2019232841 (22) 18.09.2019 (54) A clutch assembly (31) 2018903560 (32) 21.09.18 (33) AU 2018903651 27.09.18 AU</p> <hr/> <p>(71) Avent, Inc. (21) 2019229441 (22) 13.09.2019</p>
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Complete Applications Filed - Name Index cont'd

(54) Method and system for monitoring and treating a medical condition via posterior tibial nerve stimulation  
(62) 2015339355

(71) Avent, Inc.  
(21) 2019229442 (22) 13.09.2019  
(54) Method and system for monitoring and treating a medical condition via posterior tibial nerve stimulation  
(62) 2015339355

(71) Azuma Design Pty Limited  
(21) 2019232916 (22) 20.09.2019  
(54) A lock actuator assembly  
(31) 2018903532 (32) 20.09.18 (33) AU

(71) Backlanz Limited  
(21) 2019229426 (22) 13.09.2019  
(54) Spring Loaded Quick Release System  
(31) 746340 (32) 13.09.18 (33) NZ  
751388 06.03.19 NZ

(71) BAE Systems plc  
(21) 2019232839 (22) 18.09.2019  
(54) Surveillance apparatus  
(62) 2015323593

(71) Bascom, B.  
(21) 2019229412 (22) 13.09.2019  
(54) Auto-loading firearm with selectable live fire and training modes  
(62) 2016385967

(71) Beacon Lighting International Limited  
(21) 2019232851 (22) 19.09.2019  
(54) Improved combined ceiling fan and light fitting  
(62) 2017210655

(71) Big Belly Solar, Inc.  
(21) 2019232849 (22) 18.09.2019  
(54) CONTROLLING ELECTRICALLY-POWERED TRASH COMPACTORS AND RECEPTACLES  
(62) 2013364089

**BioNTech RNA Pharmaceuticals GmbH see TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**  
(21) 2019229434

(71) Biosense Webster (Israel) Ltd.  
(21) 2019232866 (22) 19.09.2019  
(54) Using radiofrequency (RF) transmission system to find opening in tissue wall  
(31) 16/177,977 (32) 01.11.18 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2019232869 (22) 19.09.2019  
(54) Iterative coherent mapping of cardiac electrophysiological (EP) activation including reentry effects  
(31) 16/184,653 (32) 08.11.18 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2019232870 (22) 19.09.2019  
(54) Iterative coherent mapping of cardiac electrophysiological (EP) activation including scar effects  
(31) 16/184,609 (32) 08.11.18 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2019232880 (22) 19.09.2019  
(54) Indifferent electrode with selectable area  
(31) 16/180357 (32) 05.11.18 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2019232881 (22) 19.09.2019  
(54) Compensating for artifacts while tracking an intrabody probe  
(31) 16/198,933 (32) 23.11.18 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2019232883 (22) 19.09.2019  
(54) Medical user interface  
(31) 16/188,482 (32) 13.11.18 (33) US

(71) Biosense Webster (Israel) Ltd.  
(21) 2019232884 (22) 19.09.2019  
(54) Magnetic transmitters for a magnetic tracking system  
(31) 16/178,701 (32) 02.11.18 (33) US

(71) Blackhawk Network, Inc.  
(21) 2019232775 (22) 16.09.2019  
(54) A system for payment via electronic wallet  
(62) 2017210537

(71) Blue Ribbon Bags, LLC  
(21) 2019232920 (22) 20.09.2019  
(54) System for remuneration for lost baggage  
(62) 2013369967

(71) BMC Software, Inc.  
(21) 2019232785 (22) 17.09.2019  
(54) PRIORITIZED REMEDIATION OF INFORMATION SECURITY VULNERABILITIES BASED ON SERVICE MODEL AWARE MULTI-DIMENSIONAL SECURITY RISK SCORING  
(31) 16/194,735 (32) 19.11.18 (33) US

(71) Boehringer Ingelheim Animal Health USA Inc  
(21) 2019229407 (22) 13.09.2019

(54) LONG-ACTING INJECTABLE MOXIDECTIN FORMULATIONS AND NOVEL MOXIDECTIN CRYSTAL FORMS  
(62) 2017268548

(71) Canon Kabushiki Kaisha  
(21) 2019232797 (22) 17.09.2019  
(54) Method, apparatus and system for encoding and decoding a block of video samples

(71) Canon Kabushiki Kaisha  
(21) 2019232801 (22) 17.09.2019  
(54) Method, apparatus and system for encoding and decoding a block of video samples

(71) Canon Kabushiki Kaisha  
(21) 2019232802 (22) 17.09.2019  
(54) Method, apparatus and system for encoding and decoding an image frame from a bistream

(71) Cargotec Patenter AB  
(21) 2019229422 (22) 13.09.2019  
(54) Method for determining the mass and the centre of mass of a demountable platform  
(31) 18195708.5 (32) 20.09.18 (33) EP

(71) Cargotec Patenter AB  
(21) 2019229461 (22) 16.09.2019  
(54) Method and system for determining the length of a demountable platform  
(31) 18195702.8 (32) 20.09.18 (33) EP

(71) Caterpillar Inc.  
(21) 2019232855 (22) 19.09.2019  
(54) PRODUCTION CONTROL PLATFORM FOR DETERMINING PRODUCTION SOURCE OUTPUT TO A PRODUCTION DESTINATION  
(31) 16/140,058 (32) 24.09.18 (33) US

(71) Chemimage Corporation  
(21) 2019232890 (22) 19.09.2019  
(54) SYSTEM AND METHOD FOR SERUM BASED CANCER DETECTION  
(62) 2013341327

**Children's Medical Center Corporation see President and Fellows of Harvard College**  
(21) 2019229467

(71) COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD.  
(21) 2019232840 (22) 18.09.2019  
(54) ANCHOR ASSEMBLY FOR FASTENER  
(62) 2017201778

Complete Applications Filed - Name Index cont'd

(71) COMVITA LIMITED  
 (21) 2019232766 (22) 16.09.2019  
 (54) HONEY ANALYSIS  
 (31) 746384 (32) 14.09.18 (33) NZ

(71) Connell, R.  
 (21) 2019232770 (22) 16.09.2019  
 (54) Building Construction  
 (62) 2017204661

(71) Cornell University  
 (21) 2019232783 (22) 17.09.2019  
 (54) AROMATIC-CATIONIC PEPTIDES  
 AND USES OF SAME  
 (62) 2018200000

(71) Corning Optical Communications LLC  
 (21) 2019232892 (22) 20.09.2019  
 (54) OPTICAL COMMUNICATION CABLE  
 (62) 2014327162

(71) Costas, E.  
 (21) 2019229443 (22) 13.09.2019  
 (54) Holder for Supporting Media Sheet  
 (62) 2017210521

(71) Covidien LP  
 (21) 2019232833 (22) 18.09.2019  
 (54) Smoke evacuation electrosurgical pen-  
 cil with adjustable electrode and vent  
 tube  
 (31) 62/734,397 (32) 21.09.18 (33) US  
 16/565,150 09.09.19 US

(71) Covidien LP  
 (21) 2019232835 (22) 18.09.2019  
 (54) Surgical access device and seal guard  
 for use therewith  
 (31) 62/744,848 (32) 12.10.18 (33) US  
 16/565,902 10.09.19 US

(71) Covidien LP  
 (21) 2019232836 (22) 18.09.2019  
 (54) Apparatus for endoscopic procedures  
 (31) 16/158,456 (32) 12.10.18 (33) US

(71) Covidien LP  
 (21) 2019232837 (22) 18.09.2019  
 (54) Optical trocar assembly  
 (31) 16/167,625 (32) 23.10.18 (33) US

(71) Datamars SA  
 (21) 2019229404 (22) 13.09.2019  
 (54) AN ELECTRIC FENCE CONNECTOR  
 (62) 2018201113

(71) Desiccare, Inc.  
 (21) 2019232844 (22) 18.09.2019  
 (54) Humidity control system comprising  
 a humectant package filled with a

humectant material comprising glycerol  
 and water  
 (62) 2016306583

**Devmar Products, LLC see Morehouse  
 School of Medicine**  
 (21) 2019232810

(71) Dominion Energy, Inc.  
 (21) 2019232868 (22) 19.09.2019  
 (54) Management of energy on electric  
 power systems  
 (62) 2017272154

(71) Doten, L.  
 (21) 2019232827 (22) 18.09.2019  
 (54) FIRE SUPPRESSION GEL BLENDER  
 AND AIRBORNE DELIVERY SYSTEM  
 (62) 2016203443

(71) Dow AgroSciences LLC  
 (21) 2019229409 (22) 13.09.2019  
 (54) 4-amino-6-(4-substituted-phenyl)-pi-  
 colinates and 6-amino-2-(4-substi-  
 tuted-phenyl)-pyrimidine-4-carboxylates  
 and their use as herbicides  
 (62) 2018201665

(71) Elixigen, LLC  
 (21) 2019229444 (22) 13.09.2019  
 (54) Methods of using Zscan4 for rejuvenat-  
 ing human cells  
 (62) 2014233500

(71) ENI S.p.A.  
 (21) 2019232921 (22) 20.09.2019  
 (54) A RISK ASSESSMENT METHOD AND  
 SYSTEM FOR THE SECURITY OF AN  
 INDUSTRIAL INSTALLATION  
 (62) 2013273841

(71) EUROIMMUN Medizinische Labordia-  
 gnostika AG  
 (21) 2019229421 (22) 13.09.2019  
 (54) Method and device for acquiring and  
 displaying an immunofluorescence im-  
 age of a biological sample  
 (31) 18194332.5 (32) 13.09.18 (33) EP

(71) Evans, N.  
 (21) 2019232925 (22) 20.09.2019  
 (54) Apparatus and method for producing  
 thermoplastic elastomer, elastomers  
 produced thereby and articles produced  
 from the elastomers  
 (62) 2017201300

(71) EZPC PTY LTD  
 (21) 2019229439 (22) 13.09.2019  
 (54) Fire retardant plastic formwork system  
 used for prefabricating columns with re-  
 inforcement already inside.

(71) F & J Attard & Sons Pty Ltd  
 (21) 2019229425 (22) 13.09.2019  
 (54) TRUCK CURTAIN AND CURTAIN SYS-  
 TEM  
 (62) 2016234919

(71) Facebook, Inc.  
 (21) 2019232824 (22) 18.09.2019  
 (54) Presenting Previously Presented Con-  
 tent Items Stored By Users Of A Social  
 Networking System  
 (62) 2015375472

(71) Farmalinx Pty Ltd  
 (21) 2019232818 (22) 18.09.2019  
 (54) GRANULAR INSECTICIDE COMPOS-  
 ITION AND METHOD FOR PREPARA-  
 TION

(71) FERNO-WASHINGTON, INC.  
 (21) 2019232798 (22) 17.09.2019  
 (54) Equipment mounting system  
 (62) 2018202687

(71) Fisher & Paykel Healthcare Limited  
 (21) 2019232922 (22) 20.09.2019  
 (54) RESPIRATORY MASK SEALING IN-  
 TERFACE  
 (62) 2017203821

(71) Fred Hutchinson Cancer Research  
 Center  
 (21) 2019229438 (22) 13.09.2019  
 (54) Tagged chimeric effector molecules and  
 receptors thereof  
 (62) 2014368892

(71) Freudenberg Medical, LLC  
 (21) 2019232876 (22) 19.09.2019  
 (54) A modular handle assembly for a steer-  
 able catheter  
 (62) 2015203620

(71) Fuji Xerox Co., Ltd.  
 (21) 2019229413 (22) 13.09.2019  
 (54) Display control device, image forming  
 apparatus, display control method, and  
 program  
 (62) 2019202620

(71) Fundlab Technologies Inc.  
 (21) 2019232891 (22) 20.09.2019  
 (54) Risk assessment tool  
 (31) 62/734,031 (32) 20.09.18 (33) US

(71) GAMBRO LUNDIA AB  
 (21) 2019229460 (22) 16.09.2019  
 (54) Membrane and device for treating rest-  
 less leg syndrome  
 (31) 16/163,123 (32) 17.10.18 (33) US

Complete Applications Filed - Name Index cont'd

<p>(71) Garino, J. (21) 2019232875 (22) 19.09.2019 (54) CRUCIATE REPLACING ARTIFICIAL KNEE (31) 16/292,467 (32) 05.03.19 (33) US</p>	<p>(54) Mining machine logging system, vehicle-mounted terminal device, and mining machine logging method (62) 2015408585</p>	<p>(54) SYSTEM AND METHOD FOR SIMULATING COGNITIVE IMPAIRMENT (62) 2016211521</p>
<p>(71) Global Neighbor, Inc. (21) 2019232813 (22) 18.09.2019 (54) Fast plant eradication using aimed unnatural low energy dual component indigo region and medium wavelength infrared illumination (31) 16/166,129 (32) 21.10.18 (33) US</p>	<p>(71) Honeywell International Inc. (21) 2019232889 (22) 19.09.2019 (54) Cascaded model predictive control (MPC) approach for plantwide control and optimization (62) 2015294448</p>	<p><b>Innovative Environmental Companies see Morehouse School of Medicine</b> (21) 2019232810</p>
<p>(71) Global Organics Energy (21) 2019232850 (22) 19.09.2019 (54) METHOD AND SYSTEM FOR TREATING MUNICIPAL SOLID WASTE (62) 2017279614</p>	<p>(71) HSBC Technology &amp; Services (USA) Inc. (21) 2019232786 (22) 17.09.2019 (54) Systems and methods for global transfers (62) 2017225150</p>	<p>(71) Integrated Access Designs (Australia) Pty Ltd (21) 2019232781 (22) 17.09.2019 (54) Latch and method of latch installation (31) 2018903494 (32) 17.09.18 (33) AU</p>
<p>(71) GN Hearing A/S (21) 2019232803 (22) 17.09.2019 (54) Hearing protection device with passive ear protectors (31) 18196635.9 (32) 25.09.18 (33) EP 19170890.8 24.04.19 EP</p>	<p>(71) Huawei Technologies Co., Ltd.; University of Science and Technology of China (21) 2019229381 (22) 12.09.2019 (54) IMAGE PREDICTION METHOD AND DEVICE (62) 2015407876</p>	<p>(71) JAC S.A. (21) 2019229431 (22) 13.09.2019 (54) Slicer and method for slicing successive loaves of bread (31) 2018/0106 (32) 14.09.18 (33) BE</p>
<p>(71) Gustav Hensel GmbH &amp; Co. KG (21) 2019229408 (22) 13.09.2019 (54) Contact element (31) 18195153.4 (32) 18.09.18 (33) EP</p>	<p>(71) HUNT, A. (21) 2019232779 (22) 17.09.2019 (54) Wing Frame Assembly &amp; Method (31) 746532 (32) 20.09.18 (33) NZ</p>	<p>(71) K.C., S. (21) 2019229385 (22) 12.09.2019 (54) Production of Mechanical and/or Electrical Energy from Heat Energy By and With The Use of Buoyancy Factor on Evaporation or Sublimation and Condensation (31) 681 (32) 26.09.18 (33) NP</p>
<p>(71) Halkey-Roberts Corporation (21) 2019232907 (22) 20.09.2019 (54) Medical luer connector (62) 2014348251</p>	<p>(71) Hydra-Stop LLC (21) 2019232927 (22) 20.09.2019 (54) Systems and methods for managing a cable attached to an inspection probe disposed in a pressurized pipe (31) 62/733,956 (32) 20.09.18 (33) US</p>	<p>(71) K4 Integration Inc. (21) 2019232834 (22) 18.09.2019 (54) Ore tag assembly and system and method re same (31) 3,017,675 (32) 18.09.18 (33) CA</p>
<p>(71) Hallmark Group Limited (21) 2019232780 (22) 17.09.2019 (54) An Adjustable Cavity Slider Guiding Assembly, Cavity Slider and Method of Installation (31) 746732 (32) 26.09.18 (33) NZ</p>	<p>(71) i4c Innovations Inc. (21) 2019232832 (22) 18.09.2019 (54) Opportunistic syncing methods for wearable devices (62) 2015362669</p>	<p>(71) Kabushiki Kaisha Toshiba (21) 2019232863 (22) 19.09.2019 (54) Power generation plan developing apparatus, power generation plan developing method, and recording medium (62) 2017239602</p>
<p>(71) Hegenscheidt-MFD GmbH (21) 2019229406 (22) 13.09.2019 (54) Method and device for the machining of the wheel running surface of wheels for rail vehicles (31) 16/131,916 (32) 14.09.18 (33) US</p>	<p>(71) Ideal Fasteners Pty Ltd (21) 2019232872 (22) 19.09.2019 (54) Screw fasteners for use in building construction (31) 2018903632 (32) 26.09.18 (33) AU</p>	<p>(71) KABUSHIKI KAISHA TOSHIBA (21) 2019232774 (22) 16.09.2019 (54) DECODING DEVICE AND DECODING METHOD (62) 2018206856</p>
<p>(71) Highlife SAS (21) 2019232877 (22) 19.09.2019 (54) TRANSCATHETER VALVE PROSTHESIS (62) 2015225859</p>	<p>(71) IMMCO Diagnostics, Inc. (21) 2019232867 (22) 19.09.2019 (54) Improved anti-nuclear antibody detection and diagnostics for systemic and non-systemic autoimmune disorders (62) 2015236327</p>	<p>(71) Kortek Industries Pty Ltd (21) 2019232772 (22) 16.09.2019 (54) ADAPTABLE WIRELESS POWER, LIGHT AND AUTOMATION SYSTEM (62) 2017203926</p>
<p>(71) Hitachi Construction Machinery Co., Ltd. (21) 2019229432 (22) 13.09.2019</p>	<p>(71) Innocorp, Ltd. (21) 2019232777 (22) 16.09.2019</p>	<p>(71) Kraft Foods Group Brands LLC (21) 2019229378 (22) 12.09.2019 (54) PACKAGED FOOD PRODUCT (62) 2017272261</p>
		<p>(71) Lake Country Manufacturing, Inc. (21) 2019232806 (22) 17.09.2019</p>

Complete Applications Filed - Name Index cont'd

(54) Buffing Spherocylinder Made Of Compressed Material  
(31) 16/173,227 (32) 29.10.18 (33) US

(71) Lettela Pty Limited  
(21) 2019232790 (22) 17.09.2019  
(54) SCREEN PANEL LOCKING SYSTEM  
(31) 2018903498 (32) 17.09.18 (33) AU

(71) Lewis Australia Pty Ltd  
(21) 2019232794 (22) 17.09.2019  
(54) A Self-Contained Sampling and Processing Vehicle  
(31) 2018903495 (32) 17.09.18 (33) AU

(71) LIFETIME PRODUCTS, INC.  
(21) 2019232843 (22) 18.09.2019  
(54) Blow-molded plastic structures  
(62) 2017223575

(71) LIMACORPORATE S.P.A.  
(21) 2019229377 (22) 12.09.2019  
(54) Orthopedic surgical instrument including an acetabular reaming guide

Ludwig Institute for Cancer Research Ltd.  
see Acceleron Pharma, Inc.  
(21) 2019232838

(71) MAG Specialised Plumbing Products (Aust) Pty Ltd  
(21) 2019229455 (22) 13.09.2019  
(54) Thermal Flush System for Purging a Water Dispensing Outlet Device  
(31) 2018903469 (32) 14.09.18 (33) AU

(71) Mahfouz, M.  
(21) 2019232853 (22) 19.09.2019  
(54) IMU calibration  
(62) 2016369607

(71) MAKRI, E.  
(21) 2019232882 (22) 19.09.2019  
(54) A RELATIVE WARNING SYSTEM  
(31) 2018903522 (32) 19.09.18 (33) AU

(71) Mallinckrodt Hospital Products IP Limited  
(21) 2019232815 (22) 18.09.2019  
(54) Systems and method for delivery of therapeutic gas to patients, in need thereof, receiving breathing gas from a ventilator that varies at least pressure and/or flow using enhanced therapeutic gas (NO) flow measurement  
(62) 2015252994

(71) Mars, Incorporated  
(21) 2019232816 (22) 18.09.2019

(54) Hybrid plant products from Theobroma species and methods of making the same  
(62) 2016205045

Massachusetts Institute of Technology see The Broad Institute, Inc.  
(21) 2019229420

(71) Massachusetts Institute of Technology  
(21) 2019232778 (22) 16.09.2019  
(54) WATER-SOLUBLE TRANS-MEMBRANE PROTEINS AND METHODS FOR THE PREPARATION AND USE THEREOF  
(62) 2015237137

(71) Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.  
(21) 2019232862 (22) 19.09.2019  
(54) RESIDENCE STRUCTURES AND RELATED METHODS  
(62) 2015274451

(71) Mastercard International Incorporated  
(21) 2019229449 (22) 13.09.2019  
(54) Vending machine transactions  
(62) 2016246011

(71) MasterCard International Incorporated  
(21) 2019232878 (22) 19.09.2019  
(54) System and methods for enhanced approval of a payment transaction  
(62) 2016261068

(71) Mastercard Technologies Canada ULC  
(21) 2019232865 (22) 19.09.2019  
(54) Systems and methods for detecting and scoring anomalies  
(62) 2016334816

(71) MAX & WILS PTY. LTD.  
(21) 2019229459 (22) 16.09.2019  
(54) Moulding System for Surface Profiling of Poured Concrete Slabs

(71) MCT Holdings Limited  
(21) 2019232811 (22) 17.09.2019  
(54) Silicate coatings  
(62) 2015315842

(71) MedicalTree Patent Ltd  
(21) 2019232924 (22) 20.09.2019  
(54) Heart help device, system, and method  
(62) 2018200036

(71) MedImmune Limited  
(21) 2019229424 (22) 13.09.2019

(54) PROTEASE-RESISTANT LIPIDATED GLP-1 ANALOGS  
(62) 2016277449

(71) Medline Industries, Inc.  
(21) 2019232842 (22) 18.09.2019  
(54) Disposable hygienic article with means for diagnostic testing  
(62) 2014360472

(71) Memorial Sloan-Kettering Cancer Center  
(21) 2019232796 (22) 17.09.2019  
(54) Antibodies to MUC16 and methods of use thereof  
(62) 2017202515

(71) Microsoft Technology Licensing, LLC  
(21) 2019229450 (22) 13.09.2019  
(54) Controlling runtime access to application programming interfaces  
(62) 2014257298

(71) Miragen Therapeutics, Inc.  
(21) 2019232918 (22) 20.09.2019  
(54) MIR-155 INHIBITORS FOR TREATING CUTANEOUS T CELL LYMPHOMA (CTCL)  
(62) 2016270434

(71) Morehouse School of Medicine; Devmar Products, LLC; Innovative Environmental Companies  
(21) 2019232810 (22) 17.09.2019  
(54) CLEANING COMPOSITION, METHOD OF MAKING AND USE THEREOF  
(62) 2017324449

(71) Motorola Solutions, Inc.  
(21) 2019232812 (22) 18.09.2019  
(54) METHOD AND SYSTEM TO EXTEND CONNECTION TIME OF A TALK-GROUP CONVERSATION BASED ON HISTORICAL TALKGROUP STATISTICS  
(31) 16/142,010 (32) 26.09.18 (33) US

(71) Mould, D.  
(21) 2019232874 (22) 19.09.2019  
(54) System and method for providing patient-specific dosing as a function of mathematical models updated to account for an observed patient response  
(62) 2013326801

(71) Murray & Poole Enterprises, Ltd.  
(21) 2019232879 (22) 19.09.2019  
(54) Treatment or prevention of cardiovascular events via the administration of a colchicine derivative  
(62) 2018203715

Complete Applications Filed - Name Index cont'd

(71) Nasdaq Technology AB  
(21) 2019229453 (22) 13.09.2019  
(54) Systems and methods for storing and sharing transactional data using distributed computer systems  
(62) 2017216289

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(71) Nasdaq Technology AB  
(21) 2019232776 (22) 16.09.2019  
(54) Order life-cycle visualization  
(62) 2017213559

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(71) Naumenko, K.  
(21) 2019229456 (22) 13.09.2019  
(54) Underwater Floating Turbine which transforms Ocean current, Tidal and Wave kinetic energy into mechanical energy  
(31) 2018903476 (32) 14.09.18 (33) AU

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(71) NEC Corporation; NEC Solution Innovators, Ltd.  
(21) 2019232782 (22) 17.09.2019  
(54) INFORMATION PROCESSING DEVICE, AUTHENTICATION SYSTEM, AUTHENTICATION METHOD, AND PROGRAM  
(62) 2017239587

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**NEC Solution Innovators, Ltd. see NEC Corporation**  
(21) 2019232782

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(71) Niagara Bottling, LLC  
(21) 2019232807 (22) 17.09.2019  
(54) Preform extended finish for processing light weight bottles  
(62) 2017200045

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(71) Nocimed, Inc.; The Regents of the University of California  
(21) 2019232919 (22) 20.09.2019  
(54) MR Spectroscopy System and Method for Diagnosing Painful and Non-Painful Intervertebral Discs  
(62) 2018202869

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(71) Noramco, Inc.  
(21) 2019229416 (22) 13.09.2019  
(54) Process for the production of cannabidiol and delta-9-tetrahydrocannabinol  
(62) 2016294264

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(71) Novartis AG  
(21) 2019229380 (22) 12.09.2019  
(54) Uses of myostatin antagonists, combinations containing them and uses thereof  
(62) 2016352806

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(71) NxThera, Inc.  
(21) 2019232769 (22) 16.09.2019

(54) Vapor ablation systems and methods  
(62) 2014362361

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(71) OMS INVESTMENTS, INC.  
(21) 2019232821 (22) 18.09.2019  
(54) MULTI-PURPOSE LIGNIN-CARBOHYDRATE BINDING SYSTEM  
(62) 2017225098

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(71) Orora Packaging Australia Pty Ltd  
(21) 2019229376 (22) 12.09.2019  
(54) A CONTAINER AND PROCESS

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(71) Osmose Utilities Services, Inc.  
(21) 2019232861 (22) 19.09.2019  
(54) Protective pole cap  
(62) 2018227698

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(71) Polycorp Ltd.  
(21) 2019229451 (22) 13.09.2019  
(54) System and method for securing tuned mass dampers to rail  
(31) 16/363,185 (32) 25.03.19 (33) US  
16/133,244 17.09.18 US

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**President and Fellows of Harvard College see The Broad Institute, Inc.**  
(21) 2019229420

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(71) President and Fellows of Harvard College; Children's Medical Center Corporation  
(21) 2019229467 (22) 16.09.2019  
(54) METHODS AND USES FOR EX VIVO TISSUE CULTURE SYSTEMS  
(62) 2017203220

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(71) Progressive IP Limited  
(21) 2019229417 (22) 13.09.2019  
(54) GROUND CONTOURING APPARATUS WITH PROVISION FOR MOUNTED ACCESSORIES  
(31) 746786 (32) 27.09.18 (33) NZ  
62/767,325 14.11.18 US  
16/130,446 13.09.18 US

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(71) Ramtaps Pty Ltd  
(21) 2019229379 (22) 12.09.2019  
(54) An Improved Tap Assembly  
(31) 2018903496 (32) 17.09.18 (33) AU

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(71) redpath, r.; Redpath, J.  
(21) 2019229458 (22) 15.09.2019  
(54) INDUCTIVE METHOD AND APPARATUS FOR BATTERY STORAGE

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**Redpath, J. see redpath, r.**  
(21) 2019229458

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(71) REG Life Sciences, LLC  
(21) 2019232831 (22) 18.09.2019  
(54) Semisynthetic routes to organic compounds  
(62) 2015243186

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(71) Remote Media, LLC  
(21) 2019229430 (22) 13.09.2019  
(54) SMART ROUTING SYNCHRONIZATION SYSTEM AND METHODS FOR SOCIALIZING A SYNTHETIC REBROADCAST AND GROUP STREAM  
(62) 2015249674

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(71) Revivacor Inc  
(21) 2019229448 (22) 13.09.2019  
(54) Genetically modified pigs for xenotransplantation of vascularized xenografts and derivatives thereof  
(62) 2017202389

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**RIKEN see SUMITOMO CHEMICAL COMPANY, LIMITED**  
(21) 2019229463

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(71) Safelec Technology Holdings Pty Ltd  
(21) 2019229841 (22) 16.09.2019  
(54) AN IMPROVED ELECTRICAL PROTECTION SYSTEM

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(71) salesforce.com, inc.  
(21) 2019232830 (22) 18.09.2019  
(54) Reader mode for presentation slides in a cloud collaboration platform  
(31) 62/735,746 (32) 24.09.18 (33) US  
62/735,731 24.09.18 US  
62/733,075 18.09.18 US  
16/264,041 31.01.19 US

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(71) Samsung Electronics Co., Ltd.  
(21) 2019232773 (22) 16.09.2019  
(54) METHOD FOR PROVIDING CONTENTS, DEVICE AND SYSTEM FOR THE SAME  
(62) 2017221872

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(71) Sandvik Mining and Construction Oy  
(21) 2019232852 (22) 19.09.2019  
(54) Rock drilling machine, rig and method for reinforcing rock surfaces  
(31) 18196904.9 (32) 26.09.18 (33) EP

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(71) Selecta Biosciences, Inc.  
(21) 2019232928 (22) 20.09.2019  
(54) TOLEROGENIC SYNTHETIC NANOCARRIERS FOR ANTIGEN-SPECIFIC DELETION OF T EFFECTOR CELLS  
(62) 2017203656

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(71) Selecta Biosciences, Inc.  
(21) 2019232934 (22) 20.09.2019

Complete Applications Filed - Name Index cont'd

(54) TOLEROGENIC SYNTHETIC NANO-CARRIERS TO REDUCE IMMUNE RESPONSES TO THERAPEUTIC PROTEINS  
 (62) 2017244514

(71) Selecta Biosciences, Inc.  
 (21) 2019232935 (22) 20.09.2019  
 (54) TOLEROGENIC SYNTHETIC NANO-CARRIERS TO REDUCE CYTOTOXIC T LYMPHOCYTE RESPONSES  
 (62) 2017245278

(71) Serinus Security Pty Ltd  
 (21) 2019229466 (22) 16.09.2019  
 (54) System of Portable Wireless Attack Detection and Location Detection

(71) ServiceNow, Inc.  
 (21) 2019232791 (22) 17.09.2019  
 (54) Streaming parser for structured data-interchange files  
 (31) 16/132,717 (32) 17.09.18 (33) US

(71) ServiceNow, Inc.  
 (21) 2019232804 (22) 17.09.2019  
 (54) Decision tables and flow engine for building automated flows within a cloud based development platform  
 (31) 62/732,365 (32) 17.09.18 (33) US  
 16/230,586 21.12.18 US  
 16/230,607 21.12.18 US

(71) ServiceNow, Inc.  
 (21) 2019232809 (22) 17.09.2019  
 (54) Systems and methods for generating campaign analytics  
 (31) 16/164,931 (32) 19.10.18 (33) US  
 62/732,410 17.09.18 US

(71) ServiceNow, Inc.  
 (21) 2019232885 (22) 19.09.2019  
 (54) Selectively generating word vector and paragraph vector representations of fields for machine learning  
 (31) 16/135,793 (32) 19.09.18 (33) US

(71) ServiceNow, Inc.  
 (21) 2019232886 (22) 19.09.2019  
 (54) Machine learning worker node architecture  
 (31) 16/135,630 (32) 19.09.18 (33) US

(71) ServiceNow, Inc.  
 (21) 2019232887 (22) 19.09.2019  
 (54) Persistent word vector input to multiple machine learning models  
 (31) 16/135,822 (32) 19.09.18 (33) US

(71) ServiceNow, Inc.  
 (21) 2019232926 (22) 20.09.2019

(54) Improved parsing of user queries in a remote network management platform using extended context-free grammar rules  
 (31) 16/539,731 (32) 13.08.19 (33) US  
 62/734,916 21.09.18 US  
 62/741,935 05.10.18 US

(71) Silicon Controls Pty Ltd  
 (21) 2019232822 (22) 18.09.2019  
 (54) A method and a system for monitoring a quantity related to an asset  
 (62) 2018236822

(71) Singh a/l Surgit Singh, J.  
 (21) 2019229428 (22) 13.09.2019  
 (54) System and method for providing personalised security services  
 (31) PI 2018703348 (32) 19.09.18 (33) MY

(71) Sony Corporation  
 (21) 2019229436 (22) 13.09.2019  
 (54) Communication device and communication method  
 (62) 2016351750

(71) Square, Inc  
 (21) 2019229446 (22) 13.09.2019  
 (54) Integrated online and offline inventory management  
 (62) 2017235924

(71) Steel, J.  
 (21) 2019229411 (22) 13.09.2019  
 (54) Grass Tipper Catcher

(71) Stratatech Corporation  
 (21) 2019232795 (22) 17.09.2019  
 (54) Cryopreservation of viable human skin substitutes  
 (62) 2017206148

(71) Stryker Corporation  
 (21) 2019229454 (22) 13.09.2019  
 (54) CREATION OF A VOID SPACE IN BONE  
 (62) 2014324557

(71) Stryker Corporation  
 (21) 2019229465 (22) 16.09.2019  
 (54) Surgical reciprocating blade assembly including a static guide bar, teeth that project from a side of the guide bar and a drive rod that reciprocates the teeth  
 (62) 2017210635

(71) SUMITOMO CHEMICAL COMPANY, LIMITED; RIKEN  
 (21) 2019229463 (22) 16.09.2019  
 (54) METHOD FOR PRODUCING CILIARY MARGINAL ZONE-LIKE STRUCTURE  
 (62) 2013272548

(71) Suture Concepts Inc.  
 (21) 2019229418 (22) 13.09.2019  
 (54) METHOD AND APPARATUS FOR CLOSING A FISSURE IN THE ANNULLUS OF AN INTERVERTEBRAL DISC, AND/OR FOR EFFECTING OTHER ANATOMICAL REPAIRS AND/OR FIXATIONS  
 (62) 2014306454

(71) Swirls, Inc.  
 (21) 2019229435 (22) 13.09.2019  
 (54) METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK  
 (62) 2019202138

(71) Swirls, Inc.  
 (21) 2019229437 (22) 13.09.2019  
 (54) METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK  
 (62) 2019202138

(71) TELEFONAKTIEBOLAGET LM ERICSSON  
 (21) 2019232933 (22) 20.09.2019  
 (54) CONTROL OF TIMING FOR MIXED-MODE MULTICARRIER MODULATION  
 (62) 2015399448

(71) The Board of Trustees of the University of Illinois  
 (21) 2019232771 (22) 16.09.2019  
 (54) Engineering T-cell receptors  
 (62) 2018200222

**The Brigham and Women's Hospital, Inc. see Massachusetts Institute of Technology**  
 (21) 2019232862

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College  
 (21) 2019229420 (22) 13.09.2019  
 (54) Engineering of systems, methods and optimized guide compositions for sequence manipulation  
 (62) 2016244241

(71) THE CHEMOURS COMPANY FC, LLC  
 (21) 2019232793 (22) 17.09.2019  
 (54) COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE  
 (62) 2018201724

Complete Applications Filed - Name Index cont'd

(71) The General Hospital Corporation  
(21) 2019232829 (22) 18.09.2019  
(54) Vessel Treatment Systems, Methods, and Kits  
(62) 2017210560

(71) The Procter & Gamble Company  
(21) 2019229433 (22) 13.09.2019  
(54) Synthesis of cyclohexane carboxamide derivatives useful as sensates in consumer products  
(62) 2016342264

(71) The Regents of the University of California  
(21) 2019232847 (22) 18.09.2019  
(54) BI-TERMINAL PEGYLATED INTEGRIN-BINDING PEPTIDES AND METHODS OF USE THEREOF  
(62) 2015247833

**The Regents of the University of California see Nocimed, Inc.**  
(21) 2019232919

(71) Transdev Group  
(21) 2019229468 (22) 16.09.2019  
(54) Electronic device for determining an emergency stopping trajectory of an autonomous vehicle, related vehicle and method  
(31) 18 58488 (32) 19.09.18 (33) FR

(71) Trefimet S.A  
(21) 2019232805 (22) 17.09.2019  
(54) Quick-coupling device comprising a hollow cylinder having bevelled ends and two circular internal grooves  
(62) 2014376119

(71) TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH  
(21) 2019229434 (22) 13.09.2019  
(54) INDIVIDUALIZED VACCINES FOR CANCER  
(62) 2017213515

(71) Unigen, Inc.  
(21) 2019232820 (22) 18.09.2019  
(54) Series of skin-whitening (lightening) compounds  
(62) 2017210581

**University of Science and Technology of China see Huawei Technologies Co., Ltd.**  
(21) 2019229381

(71) UPWING ENERGY, LLC  
(21) 2019232819 (22) 18.09.2019

(54) LUBRICATING DOWNHOLE-TYPE ROTATING MACHINES  
(31) 16/381,930 (32) 11.04.19 (33) US

(71) Valeritas, Inc.  
(21) 2019232930 (22) 20.09.2019  
(54) Fluid delivery device  
(62) 2018201586

(71) VeriFone, Inc.  
(21) 2019232787 (22) 17.09.2019  
(54) SYSTEMS AND METHODS FOR POINT-TO-POINT ENCRYPTION COMPLIANCE  
(31) 16/151,846 (32) 04.10.18 (33) US

(71) View, Inc.  
(21) 2019229399 (22) 12.09.2019  
(54) Electrochromic devices  
(62) 2017202249

(71) Visa International Service Association  
(21) 2019232792 (22) 17.09.2019  
(54) SECURE ANONYMOUS TRANSACTION APPARATUSES, METHODS AND SYSTEMS  
(62) 2017210574

(71) VOIDECK IPCO LIMITED  
(21) 2019232888 (22) 19.09.2019  
(54) A VOID PLATFORM AND A METHOD FOR PROVIDING A PLATFORM SUPPORT ACROSS A BUILDING VOID  
(62) 2017202444

(71) W. L. Gore & Associates, Inc.  
(21) 2019229440 (22) 13.09.2019  
(54) Truncated leaflet for prosthetic heart valves  
(62) 2017235949

(71) Wright Medical Technology, Inc.  
(21) 2019229415 (22) 13.09.2019  
(54) Variable angle cutting guide and method of using the same  
(62) 2016427001

(71) Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.  
(21) 2019232817 (22) 18.09.2019  
(54) Chloralkali method and Fischer-Tropsch synthesis integrated utilization adjustment process and equipment therefor  
(62) 2016276061

(71) Xi'an Crysten Materials Technology Corporation Limited  
(21) 2019232800 (22) 17.09.2019  
(54) COMPOUND AND METHOD FOR THE PREPARATION THEREOF  
(62) 2017311153

(71) Xyleco, Inc.  
(21) 2019232814 (22) 18.09.2019  
(54) Processing biomass  
(62) 2017232236

(71) YCS Group, LLC  
(21) 2019229375 (22) 12.09.2019  
(54) MANAGING VENDOR OFFERS  
(62) 2013337973

(71) Yunnan TBH Biotech & Natural Resources Exploitation Co., Ltd  
(21) 2019232859 (22) 19.09.2019  
(54) SUPPLEMENTARY DIETARY COMPOSITION, CHEWABLE TABLET, AND PREPARATION METHOD AND APPLICATION THEREOF  
(31) 201910469736.6 (32) 31.05.19 (33) CN

(71) Zayzoon Inc.  
(21) 2019232871 (22) 19.09.2019  
(54) A SYSTEM AND METHOD FOR PROVIDING ON-DEMAND EARLY WAGE DISPERSALS AGAINST ACCRUED EARNINGS  
(31) 16/137,889 (32) 21.09.18 (33) US  
3,018,323 21.09.18 CA

(71) Zhejiang Yajia Cotton Picker Parts Co., Ltd.  
(21) 2019229410 (22) 13.09.2019  
(54) Cotton Packaging Roll Film and Preparation Method Thereof  
(31) 201910849712.3 (32) 09.09.19 (33) CN



Numerical Index

2019229375	YCS Group, LLC	2019229462	Accenture Global Solutions Limited
2019229376	Orora Packaging Australia Pty Ltd	2019229463	SUMITOMO CHEMICAL COMPANY, LIMITED; RIKEN
2019229377	LIMACORPORATE S.P.A.	2019229465	Stryker Corporation
2019229378	Kraft Foods Group Brands LLC	2019229466	Serinus Security Pty Ltd
2019229379	Ramtaps Pty Ltd	2019229467	President and Fellows of Harvard College; Children's Medical Center Corporation
2019229380	Novartis AG	2019229468	Transdev Group
2019229381	Huawei Technologies Co., Ltd.; University of Science and Technology of China	2019229841	Safelec Technology Holdings Pty Ltd
2019229385	K.C., S.	2019232766	COMVITA LIMITED
2019229399	View, Inc.	2019232769	NxThera, Inc.
2019229403	1IC GLOBAL PTY LTD	2019232770	Connell, R.
2019229404	Datamars SA	2019232771	The Board of Trustees of the University of Illinois
2019229406	Hegenscheidt-MFD GmbH	2019232772	Kortek Industries Pty Ltd
2019229407	Boehringer Ingelheim Animal Health USA Inc	2019232773	Samsung Electronics Co., Ltd.
2019229408	Gustav Hensel GmbH & Co. KG	2019232774	KABUSHIKI KAISHA TOSHIBA
2019229409	Dow AgroSciences LLC	2019232775	Blackhawk Network, Inc.
2019229410	Zhejiang Yajia Cotton Picker Parts Co., Ltd.	2019232776	Nasdaq Technology AB
2019229411	Steel, J.	2019232777	Innocomp, Ltd.
2019229412	Bascom, B.	2019232778	Massachusetts Institute of Technology
2019229413	Fuji Xerox Co., Ltd.	2019232779	HUNT, A.
2019229415	Wright Medical Technology, Inc.	2019232780	Hallmark Group Limited
2019229416	Noramco, Inc.	2019232781	Integrated Access Designs (Australia) Pty Ltd
2019229417	Progressive IP Limited	2019232782	NEC Corporation; NEC Solution Innovators, Ltd.
2019229418	Suture Concepts Inc.	2019232783	Cornell University
2019229420	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2019232785	BMC Software, Inc.
2019229421	EUROIMMUN Medizinische Labordiagnostika AG	2019232786	HSBC Technology & Services (USA) Inc.
2019229422	Cargotec Patenter AB	2019232787	VeriFone, Inc.
2019229423	AccessClosure, Inc.	2019232789	Ab Initio Technology LLC
2019229424	MedImmune Limited	2019232790	Lettela Pty Limited
2019229425	F & J Attard & Sons Pty Ltd	2019232791	ServiceNow, Inc.
2019229426	Backlanx Limited	2019232792	Visa International Service Association
2019229427	American Greetings Corporation	2019232793	THE CHEMOURS COMPANY FC, LLC
2019229428	Singh a/l Surgjit Singh, J.	2019232794	Lewis Australia Pty Ltd
2019229429	Access Closure, Inc.	2019232795	Stratatech Corporation
2019229430	Remote Media, LLC	2019232796	Memorial Sloan-Kettering Cancer Center
2019229431	JAC S.A.	2019232797	Canon Kabushiki Kaisha
2019229432	Hitachi Construction Machinery Co., Ltd.	2019232798	FERNO-WASHINGTON, INC.
2019229433	The Procter & Gamble Company	2019232799	Alibaba Group Holding Limited
2019229434	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH	2019232800	Xi'an Crysten Materials Technology Corporation Limited
2019229435	Swirls, Inc.	2019232801	Canon Kabushiki Kaisha
2019229436	Sony Corporation	2019232802	Canon Kabushiki Kaisha
2019229437	Swirls, Inc.	2019232803	GN Hearing A/S
2019229438	Fred Hutchinson Cancer Research Center	2019232804	ServiceNow, Inc.
2019229439	EZPC PTY LTD	2019232805	Trefimet S.A
2019229440	W. L. Gore & Associates, Inc.	2019232806	Lake Country Manufacturing, Inc.
2019229441	Avent, Inc.	2019232807	Niagara Bottling, LLC
2019229442	Avent, Inc.	2019232809	ServiceNow, Inc.
2019229443	Costas, E.	2019232810	Morehouse School of Medicine; Devmar Products, LLC; Innovative Environmental Companies
2019229444	Elixirgen, LLC	2019232811	MCT Holdings Limited
2019229445	Aristocrat Technologies Australia Pty Limited	2019232812	Motorola Solutions, Inc.
2019229446	Square, Inc	2019232813	Global Neighbor, Inc.
2019229447	Accenture Global Solutions Limited	2019232814	Xyleco, Inc.
2019229448	Revivacor Inc	2019232815	Mallinckrodt Hospital Products IP Limited
2019229449	Mastercard International Incorporated	2019232816	Mars, Incorporated
2019229450	Microsoft Technology Licensing, LLC	2019232817	Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
2019229451	Polycorp Ltd.	2019232818	Farmalinx Pty Ltd
2019229453	Nasdaq Technology AB	2019232819	UPWING ENERGY, LLC
2019229454	Stryker Corporation	2019232820	Unigen, Inc.
2019229455	MAG Specialised Plumbing Products (Aust) Pty Ltd	2019232821	OMS INVESTMENTS, INC.
2019229456	Naumenko, K.	2019232822	Silicon Controls Pty Ltd
2019229458	redpath, r.; Redpath, J.	2019232823	Aristocrat Technologies Australia Pty Limited
2019229459	MAX & WILS PTY. LTD.	2019232824	Facebook, Inc.
2019229460	GAMBRO LUNDIA AB	2019232825	Agios Pharmaceuticals, Inc
2019229461	Cargotec Patenter AB	2019232826	Aristocrat Technologies Australia Pty Limited
		2019232827	Doten, L.
		2019232828	ABB Schweiz AG

Complete Applications Filed - Numerical Index cont'd

2019232829	The General Hospital Corporation	2019232924	MedicalTree Patent Ltd
2019232830	salesforce.com, inc.	2019232925	Evans, N.
2019232831	REG Life Sciences, LLC	2019232926	ServiceNow, Inc.
2019232832	i4c Innovations Inc.	2019232927	Hydra-Stop LLC
2019232833	Covidien LP	2019232928	Selecta Biosciences, Inc.
2019232834	K4 Integration Inc.	2019232930	Valeritas, Inc.
2019232835	Covidien LP	2019232933	TELEFONAKTIEBOLAGET LM ERICSSON
2019232836	Covidien LP	2019232934	Selecta Biosciences, Inc.
2019232837	Covidien LP	2019232935	Selecta Biosciences, Inc.
2019232838	Acceleron Pharma, Inc.; Ludwig Institute for Cancer Research Ltd.	2019232936	Apple Inc.
2019232839	BAE Systems plc		
2019232840	COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD.		
2019232841	Automatic Technology (Australia) Pty Ltd		
2019232842	Medline Industries, Inc.		
2019232843	LIFETIME PRODUCTS, INC.		
2019232844	Desiccare, Inc.		
2019232845	Aristocrat Technologies Australia Pty Limited		
2019232846	Aristocrat Technologies Australia Pty Limited		
2019232847	The Regents of the University of California		
2019232848	Aristocrat Technologies Australia Pty Limited		
2019232849	Big Belly Solar, Inc.		
2019232850	Global Organics Energy		
2019232851	Beacon Lighting International Limited		
2019232852	Sandvik Mining and Construction Oy		
2019232853	Mahfouz, M.		
2019232855	Caterpillar Inc.		
2019232859	Yunnan TBH Biotech & Natural Resources Exploitation Co., Ltd		
2019232860	Alessi, P.		
2019232861	Osmose Utilities Services, Inc.		
2019232862	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.		
2019232863	Kabushiki Kaisha Toshiba		
2019232865	Mastercard Technologies Canada ULC		
2019232866	Biosense Webster (Israel) Ltd.		
2019232867	IMMCO Diagnostics, Inc.		
2019232868	Dominion Energy, Inc.		
2019232869	Biosense Webster (Israel) Ltd.		
2019232870	Biosense Webster (Israel) Ltd.		
2019232871	Zayzoon Inc.		
2019232872	Ideal Fasteners Pty Ltd		
2019232873	8 Rivers Capital, LLC		
2019232874	Mould, D.		
2019232875	Garino, J.		
2019232876	Freudenberg Medical, LLC		
2019232877	Highlife SAS		
2019232878	MasterCard International Incorporated		
2019232879	Murray & Poole Enterprises, Ltd.		
2019232880	Biosense Webster (Israel) Ltd.		
2019232881	Biosense Webster (Israel) Ltd.		
2019232882	MAKRI, E.		
2019232883	Biosense Webster (Israel) Ltd.		
2019232884	Biosense Webster (Israel) Ltd.		
2019232885	ServiceNow, Inc.		
2019232886	ServiceNow, Inc.		
2019232887	ServiceNow, Inc.		
2019232888	VOIDECK IPCO LIMITED		
2019232889	Honeywell International Inc.		
2019232890	Chemimage Corporation		
2019232891	Fundlab Technologies Inc.		
2019232892	Corning Optical Communications LLC		
2019232907	Halkey-Roberts Corporation		
2019232916	Azuma Design Pty Limited		
2019232918	Miragen Therapeutics, Inc.		
2019232919	Nocimed, Inc.; The Regents of the University of California		
2019232920	Blue Ribbon Bags, LLC		
2019232921	ENI S.p.A.		
2019232922	Fisher & Paykel Healthcare Limited		
2019232923	Aristocrat Technologies Australia Pty Limited		

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 17 Sep 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Adama Australia Pty Limited (21) 2019101065 (22) 16.09.2019 (54) Mepiquat Formulations</p> <hr/> <p>(71) Alloy Steel Australia (Int) Pty Ltd (21) 2019101051 (22) 12.09.2019 (54) WEAR LINER SENSOR</p> <hr/> <p>(71) Almeida, E. (21) 2019101064 (22) 16.09.2019 (54) TKO Active Shadow Training and Rehabilitation Resistance Bands</p> <hr/> <p>(71) Apple Inc. (21) 2019101055 (22) 13.09.2019 (54) Optical image stabilization with voice coil motor for moving image sensor (62) 2019100453</p> <hr/> <p>(71) Apple Inc. (21) 2019101062 (22) 16.09.2019 (54) Multi-participant live communication user interface (62) 2019100499</p> <hr/> <p>(71) Apple Inc. (21) 2019101068 (22) 17.09.2019 (54) Devices, methods, and graphical user interfaces for navigating between user interfaces, displaying a dock, and displaying system user interface elements (62) 2019100488</p> <hr/> <p>(71) Beijing GeoEnviron Engineering &amp; Technology, Inc (21) 2019101070 (22) 17.09.2019 (54) Method of Constructing a Geomembrane (31) 201811315940.4 (32) 06.11.18 (33) CN</p> <hr/> <p>(71) Breikreuz, H. (21) 2019101061 (22) 16.09.2019 (54) Energy Device DC. Amplifier Generator to produce Electricity Energy (62) 2019100953</p> <hr/> <p>(71) Bui, T. (21) 2019101059 (22) 13.09.2019 (54) Lid (31) 2019901489 (32) 01.05.19 (33) AU</p> <hr/>	<p><b>CHINA ELECTRIC POWER RESEARCH INSTITUTE CO., LTD see Xi'an Jiaotong University</b> (21) 2019101071</p> <hr/> <p>(71) China Jiliang University; Hangzhou Dahua Apparatus Manufacture Co., Ltd (21) 2019101075 (22) 18.09.2019 (54) A CALIBRATION METHOD AND DEVICE FOR RESPONSIVITY PARAMETERS OF A SINGLE-PIXEL FIELD EFFECT SELF-MIXING TERAHERTZ DETECTOR</p> <hr/> <p>(71) CHONGQING JIAOTONG UNIVERSITY (21) 2019101050 (22) 12.09.2019 (54) CORROSION-FATIGUE BASED RESIDUAL LIFE ESTIMATION METHOD AND SYSTEM FOR CABLE SLING STEEL WIRE (31) 201811067793.3 (32) 13.09.18 (33) CN</p> <hr/> <p>(71) Dream Lot Pty Ltd. (21) 2019101058 (22) 13.09.2019 (54) Property Management System</p> <hr/> <p>(71) Group One Limited (21) 2019101056 (22) 13.09.2019 (54) TENNIS LET DETECTION SYSTEM WITH NET TENSION MONITORING AND SHOT CLOCK CONTROL (62) 2019226223</p> <hr/> <p>(71) Guzu Holdings Pty Ltd (21) 2019101048 (22) 12.09.2019 (54) AN ELECTRICAL CONNECTOR (31) 1815081.3 (32) 17.09.18 (33) GB</p> <hr/> <p><b>Hangzhou Dahua Apparatus Manufacture Co., Ltd see China Jiliang University</b> (21) 2019101075</p> <hr/> <p>(71) HIIT INNOVATIONS PTY LTD (21) 2019101067 (22) 17.09.2019 (54) EXERCISE SYSTEM AND METHOD (31) 2018903505 (32) 18.09.18 (33) AU</p> <hr/> <p>(71) Hunan University of Humanities, Science and Technology (21) 2019101073 (22) 18.09.2019 (54) Pneumatic slurry pump and pneumatic conveyor system (31) 201910085163.7 (32) 29.01.19 (33) CN</p> <hr/>	<p>(71) Integrated Access Designs (Australia) Pty Ltd (21) 2019101069 (22) 17.09.2019 (54) Latch and method of latch installation (31) 2018903494 (32) 17.09.18 (33) AU</p> <hr/> <p><b>Johnson, J. see Palesy, B.</b> (21) 2019101054</p> <hr/> <p>(71) Kitfit Pty Ltd (21) 2019101074 (22) 18.09.2019 (54) The Kitfit product combination content generator.</p> <hr/> <p>(71) Meales Concrete Pumping Pty Ltd (21) 2019101072 (22) 17.09.2019 (54) Mobile cleaning apparatus and methods (62) 20172726295</p> <hr/> <p>(71) Palesy, B.; Johnson, J.; Ross, W. (21) 2019101054 (22) 13.09.2019 (54) Emergency response system (62) PCT/AU2018/050134</p> <hr/> <p><b>Ross, W. see Palesy, B.</b> (21) 2019101054</p> <hr/> <p>(71) Securemesh Pty Ltd (21) 2019101066 (22) 16.09.2019 (54) SCREEN FRAME ASSEMBLY (31) 2019902026 (32) 11.06.19 (33) AU</p> <hr/> <p>(71) Shanghai Jinxing Package Material Co. Ltd (21) 2019101046 (22) 12.09.2019 (54) WATERPROOF THERMAL INSULATION BOX (31) 201822166399.7 (32) 20.12.18 (33) CN</p> <hr/> <p><b>STATE GRID LIAONING ELECTRIC POWER SUPPLY CO., LTD. see Xi'an Jiaotong University</b> (21) 2019101071</p> <hr/> <p>(71) The trustee for Khan Pere Family Trust (21) 2019101060 (22) 14.09.2019 (54) Direct Drive Pre-load Bearing Adaptor</p> <hr/> <p>(71) Vudzijena, T. (21) 2019101076 (22) 19.09.2019</p> <hr/>
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Innovation Patent Applications Filed - Name Index cont'd

**(54)** DISPOSAL OF SALINE GROUND WATER USING EVAPORATING CURTAINS

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**(71)** WUHAN UNIVERSITY

**(21)** 2019101049 **(22)** 12.09.2019

**(54)** MOVABLE VORTEX ELIMINATION DEVICE APPLIED TO PUMP SUMP

**(31)** 201821602901.8 **(32)** 29.09.18 **(33)** CN

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**(71)** Xi'an Jiaotong University; CHINA ELECTRIC POWER RESEARCH INSTITUTE CO., LTD; STATE GRID LIAONING ELECTRIC POWER SUPPLY CO., LTD.

**(21)** 2019101071 **(22)** 17.09.2019

**(54)** STATIC SECURITY ANALYSIS METHOD FOR POWER SYSTEM

**(31)** 201811101004.3 **(32)** 20.09.18 **(33)** CN

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**(71)** Yongkang Naiboen Industry & Trade Co., Ltd.

**(21)** 2019101057 **(22)** 13.09.2019

**(54)** A locking device

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**(71)** Zhejiang Huode Bioengineering Company Limited

**(21)** 2019101052 **(22)** 13.09.2019

**(54)** Method for producing induced pluripotent stem cells by somatic cell reprogramming

**(31)** 201910707125.0 **(32)** 01.08.19 **(33)** CN

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**(71)** Zhejiang Yajia Cotton Picker Parts Co., Ltd.

**(21)** 2019101053 **(22)** 13.09.2019

**(54)** Cotton Packaging Roll Film and Preparation Method Thereof

**(31)** 201910849712.3 **(32)** 09.09.19 **(33)** CN

Numerical Index

<b>2019101046</b>	Shanghai Jinxing Package Material Co. Ltd	<b>2019101065</b>	Adama Australia Pty Limited
<b>2019101048</b>	Guzu Holdings Pty Ltd	<b>2019101066</b>	Securemesh Pty Ltd
<b>2019101049</b>	WUHAN UNIVERSITY	<b>2019101067</b>	HIIT INNOVATIONS PTY LTD
<b>2019101050</b>	CHONGQING JIAOTONG UNIVERSITY	<b>2019101068</b>	Apple Inc.
<b>2019101051</b>	Alloy Steel Australia (Int) Pty Ltd	<b>2019101069</b>	Integrated Access Designs (Australia) Pty Ltd
<b>2019101052</b>	Zhejiang Huode Bioengineering Company Limited	<b>2019101070</b>	Beijing GeoEnviron Engineering & Technology, Inc
<b>2019101053</b>	Zhejiang Yajia Cotton Picker Parts Co., Ltd.	<b>2019101071</b>	Xi'an Jiaotong University; CHINA ELECTRIC POWER RESEARCH INSTITUTE CO., LTD; STATE GRID LIAONING ELECTRIC POWER SUPPLY CO., LTD.
<b>2019101054</b>	Palesy, B.; Johnson, J.; Ross, W.	<b>2019101072</b>	Meales Concrete Pumping Pty Ltd
<b>2019101055</b>	Apple Inc.	<b>2019101073</b>	Hunan University of Humanities, Science and Technology
<b>2019101056</b>	Group One Limited	<b>2019101074</b>	Kitfit Pty Ltd
<b>2019101057</b>	Yongkang Naiboen Industry & Trade Co., Ltd.	<b>2019101075</b>	China Jiliang University; Hangzhou Dahua Apparatus Manufacture Co., Ltd
<b>2019101058</b>	Dream Lot Pty Ltd.	<b>2019101076</b>	Vudzijena, T.
<b>2019101059</b>	Bui, T.		
<b>2019101060</b>	The trustee for Khan Pere Family Trust		
<b>2019101061</b>	Breitkreuz, H.		
<b>2019101062</b>	Apple Inc.		
<b>2019101064</b>	Almeida, E.		

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

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

The codes next to each number have the following meanings:

**Code Meaning**

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

**1999**

1999047576 ( 14 )	1999047592 ( 14 )	1999047598 ( 14 )
1999047603 ( 14 )	1999048731 ( 14 )	1999048765 ( 14 )
1999048768 ( 14 )	1999055239 ( 14 )	1999055285 ( 14 )
1999056130 ( 14 )	1999056283 ( 14 )	1999057482 ( 14 )
1999057543 ( 14 )	1999057618 ( 14 )	1999058412 ( 14 )
1999058416 ( 14 )	1999058420 ( 14 )	1999058423 ( 14 )
1999058713 ( 14 )	1999058744 ( 14 )	1999058821 ( 14 )
1999059192 ( 14 )	1999059217 ( 14 )	1999059218 ( 14 )
1999059792 ( 14 )	1999060386 ( 14 )	1999060398 ( 14 )
1999060458 ( 14 )	1999060704 ( 14 )	1999061000 ( 14 )
1999061019 ( 14 )	1999061417 ( 14 )	1999061441 ( 14 )
1999061493 ( 14 )	1999061527 ( 14 )	1999061920 ( 14 )
1999061921 ( 14 )	1999062515 ( 14 )	1999062536 ( 14 )
1999063000 ( 14 )	1999063001 ( 14 )	1999063788 ( 14 )

**2000**

2000011921 ( 14 )	2000020681 ( 14 )	2000020826 ( 14 )
2000031692 ( 14 )	2000032875 ( 14 )	2000035234 ( 14 )
2000035952 ( 14 )	2000036170 ( 14 )	2000036249 ( 14 )

2000037336 ( 14 )	2000037384 ( 14 )	2000038107 ( 14 )
2000038709 ( 14 )	2000038784 ( 14 )	2000039617 ( 14 )

**2001**

2001024896 ( 14 )	2001026456 ( 14 )	2001040066 ( 14 )
2001040072 ( 14 )	2001040330 ( 14 )	2001237616 ( 14 )
2001240052 ( 14 )	2001240341 ( 14 )	2001240345 ( 14 )
2001241221 ( 14 )	2001241975 ( 14 )	2001242294 ( 14 )
2001243544 ( 14 )	2001243571 ( 14 )	2001244298 ( 14 )
2001247292 ( 14 )		

**2002**

2002020294 ( 14 )	2002022988 ( 14 )	2002023221 ( 14 )
2002027648 ( 14 )	2002240749 ( 14 )	2002244250 ( 14 )
2002245622 ( 14 )	2002300152 ( 14 )	2002325399 ( 14 )

**2003**

2003200778 ( 14 )	2003200879 ( 14 )	2003203467 ( 14 )
2003204208 ( 14 )	2003208466 ( 14 )	2003214101 ( 14 )
2003215449 ( 14 )	2003218686 ( 14 )	2003252891 ( 14 )
2003298030 ( 14 )		

**2004**

2004200960 ( 14 )	2004200996 ( 14 )	2004201053 ( 14 )
2004201629 ( 14 )	2004202458 ( 14 )	2004203639 ( 14 )
2004216723 ( 14 )	2004216918 ( 14 )	2004218550 ( 14 )
2004220187 ( 14 )	2004220540 ( 14 )	2004222646 ( 14 )
2004225562 ( 14 )	2004237642 ( 14 )	2004238769 ( 14 )
2004318286 ( 14 )		

**2005**

2005201075 ( 14 )	2005201571 ( 14 )	2005203714 ( 14 )
2005218073 ( 14 )	2005219003 ( 14 )	2005219446 ( 14 )
2005219460 ( 14 )	2005219660 ( 14 )	2005219733 ( 14 )
2005220654 ( 14 )	2005220863 ( 14 )	2005221726 ( 14 )
2005221741 ( 14 )	2005222077 ( 14 )	2005222084 ( 14 )
2005222587 ( 14 )	2005229359 ( 14 )	2005233004 ( 14 )
2005235555 ( 14 )	2005244501 ( 14 )	

**2006**

2006200950 ( 14 )	2006201007 ( 14 )	2006201046 ( 14 )
2006202587 ( 14 )	2006220664 ( 14 )	2006222414 ( 14 )
2006222555 ( 14 )	2006223285 ( 14 )	2006223758 ( 14 )
2006225066 ( 14 )	2006241479 ( 14 )	

**2007**

2007201003 ( 14 )	2007201028 ( 14 )	2007201065 ( 14 )
2007205715 ( 14 )	2007219615 ( 14 )	2007222258 ( 14 )
2007223037 ( 14 )	2007223055 ( 14 )	2007223302 ( 14 )
2007223735 ( 14 )	2007223903 ( 14 )	2007227641 ( 14 )
2007229327 ( 14 )	2007231984 ( 14 )	2007231985 ( 14 )
2007231987 ( 14 )	2007232024 ( 14 )	2007232025 ( 14 )
2007233913 ( 14 )	2007268904 ( 14 )	2007281084 ( 14 )

**2008**

2008201053 ( 14 )	2008201108 ( 14 )	2008221817 ( 14 )
2008222374 ( 14 )	2008222435 ( 14 )	2008222789 ( 14 )
2008223367 ( 14 )	2008225371 ( 14 )	2008225496 ( 14 )
2008226967 ( 14 )	2008227164 ( 14 )	2008227689 ( 14 )
2008243898 ( 14 )		

**2009**

2009200025 ( 14 )	2009200872 ( 14 )	2009200887 ( 14 )
2009200892 ( 14 )	2009200901 ( 14 )	2009200906 ( 14 )
2009200913 ( 14 )	2009210418 ( 14 )	2009220615 ( 14 )
2009220989 ( 14 )	2009221060 ( 14 )	2009221475 ( 14 )
2009221765 ( 14 )	2009222852 ( 14 )	2009223583 ( 14 )
2009223632 ( 14 )	2009223668 ( 14 )	2009223793 ( 14 )
2009223801 ( 14 )	2009223908 ( 14 )	2009223909 ( 14 )
2009224170 ( 14 )	2009230345 ( 14 )	2009230737 ( 14 )
2009238280 ( 14 )		

**2010**

2010200893 ( 14 ) 2010200902 ( 14 ) 2010201245 ( 14 )  
 2010202313 ( 14 ) 2010202314 ( 14 ) 2010202315 ( 14 )  
 2010202316 ( 14 ) 2010202317 ( 14 ) 2010219346 ( 14 )  
 2010219836 ( 14 ) 2010221166 ( 14 ) 2010221990 ( 14 )  
 2010223416 ( 14 ) 2010224244 ( 14 ) 2010224277 ( 14 )  
 2010224282 ( 14 ) 2010229109 ( 14 ) 2010230931 ( 14 )  
 2010236990 ( 14 ) 2010246683 ( 14 ) 2010259236 ( 14 )

**2011**

2011101178 ( 22 ) 2011101180 ( 22 ) 2011101186 ( 22 )  
 2011101198 ( 22 ) 2011101201 ( 22 ) 2011201085 ( 14 )  
 2011201941 ( 14 ) 2011203345 ( 14 ) 2011221666 ( 14 )  
 2011222558 ( 14 ) 2011222588 ( 14 ) 2011224238 ( 14 )  
 2011224316 ( 14 ) 2011224318 ( 14 ) 2011224441 ( 14 )  
 2011224902 ( 14 ) 2011225157 ( 14 ) 2011226105 ( 14 )  
 2011226134 ( 14 ) 2011228812 ( 14 ) 2011231339 ( 14 )  
 2011231340 ( 14 ) 2011248987 ( 14 ) 2011249087 ( 14 )  
 2011266575 ( 14 )

**2012**

2012200053 ( 14 ) 2012200587 ( 14 ) 2012200590 ( 14 )  
 2012200591 ( 14 ) 2012201318 ( 14 ) 2012201377 ( 14 )  
 2012201439 ( 14 ) 2012224511 ( 14 ) 2012224545 ( 14 )  
 2012225149 ( 14 ) 2012225214 ( 14 ) 2012225273 ( 14 )  
 2012225439 ( 14 ) 2012225496 ( 14 ) 2012225621 ( 14 )  
 2012225702 ( 14 ) 2012227010 ( 14 ) 2012228508 ( 14 )  
 2012229316 ( 14 ) 2012232019 ( 14 ) 2012238090 ( 14 )  
 2012238091 ( 14 ) 2012238365 ( 14 ) 2012238510 ( 14 )  
 2012372793 ( 14 )

**2013**

2013101482 ( 22E ) 2013101805 ( 22E ) 2013201225 ( 14 )  
 2013201272 ( 14 ) 2013201344 ( 14 ) 2013201371 ( 14 )  
 2013201391 ( 14 ) 2013201466 ( 14 ) 2013202803 ( 14 )  
 2013203429 ( 14 ) 2013203461 ( 14 ) 2013204462 ( 14 )  
 2013204470 ( 14 ) 2013204491 ( 14 ) 2013204499 ( 14 )  
 2013204622 ( 14 ) 2013213683 ( 14 ) 2013229126 ( 14 )  
 2013229769 ( 14 ) 2013230531 ( 14 ) 2013231488 ( 14 )  
 2013231537 ( 14 ) 2013232410 ( 14 ) 2013232436 ( 14 )  
 2013234564 ( 14 ) 2013235729 ( 14 ) 2013239588 ( 14 )  
 2013240454 ( 14 ) 2013240456 ( 14 ) 2013263803 ( 5C )  
 2013267065 ( 14 ) 2013293551 ( 4D ) 2013322599 ( 5C )  
 2013347162 ( 5C ) 2013350270 ( 5C ) 2013352328 ( 5C )  
 2013380989 ( 14 ) 2013381050 ( 14 )

**2014**

2014200033 ( 5C ) 2014201223 ( 4C ) 2014201262 ( 14 )  
 2014201291 ( 14 ) 2014203528 ( 14 ) 2014206234 ( 14 )  
 2014213538 ( 14 ) 2014215466 ( 5C ) 2014224340 ( 14 )  
 2014224449 ( 14 ) 2014224632 ( 14 ) 2014225626 ( 14 )  
 2014225717 ( 4D ) 2014225914 ( 14 ) 2014225947 ( 14 )  
 2014225958 ( 14 ) 2014225990 ( 14 ) 2014229387 ( 4C )  
 2014229581 ( 14 ) 2014231030 ( 14 ) 2014231863 ( 14 )  
 2014232347 ( 5C ) 2014237338 ( 14 ) 2014237409 ( 14 )  
 2014237534 ( 4C ) 2014237568 ( 14 ) 2014237624 ( 14 )  
 2014237626 ( 4C ) 2014237862 ( 14 ) 2014241282 ( 14 )  
 2014241481 ( 14 ) 2014241755 ( 14 ) 2014241782 ( 14 )  
 2014241909 ( 14 ) 2014249356 ( 4C ) 2014249611 ( 14 )  
 2014252326 ( 14 ) 2014256037 ( 14 ) 2014256424 ( 25D )  
 2014268819 ( 5C ) 2014332244 ( 5C ) 2014333726 ( 5C )  
 2014348681 ( 5C ) 2014352774 ( 25D ) 2014353136 ( 5C )  
 2014375923 ( 14 ) 2014377021 ( 5C ) 2014378232 ( 4C )  
 2014401083 ( 5C )

**2015**

2015100281 ( 22G ) 2015100293 ( 22G ) 2015100301 ( 22E )  
 2015201108 ( 14 ) 2015201110 ( 4C ) 2015201119 ( 4C )  
 2015201120 ( 4C ) 2015201146 ( 4B ) 2015201163 ( 4A )  
 2015201182 ( 14 ) 2015201209 ( 14 ) 2015201212 ( 4B )  
 2015201214 ( 4B ) 2015201227 ( 4A ) 2015201247 ( 4C )  
 2015201728 ( 14 ) 2015202039 ( 14 ) 2015207850 ( 5C )  
 2015221506 ( 14 ) 2015223376 ( 5C ) 2015224468 ( 14 )

2015225935 ( 14 ) 2015226164 ( 4C ) 2015226217 ( 4C )  
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 2015231880 ( 14 ) 2015235836 ( 5C ) 2015236635 ( 4C )  
 2015238709 ( 4C ) 2015240427 ( 25D ) 2015242308 ( 4C )  
 2015244355 ( 4B ) 2015252048 ( 5C ) 2015253838 ( 14 )  
 2015255765 ( 5C ) 2015258329 ( 1B ) 2015287703 ( 5C )  
 2015314739 ( 5C ) 2015315838 ( 4B ) 2015324190 ( 1B )  
 2015324942 ( 1B ) 2015324955 ( 1B ) 2015325039 ( 5C )  
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 2015327760 ( 1B ) 2015327887 ( 1B ) 2015328002 ( 1B )  
 2015328015 ( 1B ) 2015329670 ( 1B ) 2015329829 ( 1B )  
 2015330092 ( 1B ) 2015346125 ( 5C ) 2015353616 ( 1B )  
 2015356846 ( 1B ) 2015357490 ( 1B ) 2015357759 ( 1B )  
 2015358534 ( 1B ) 2015359777 ( 1B ) 2015360318 ( 1B )  
 2015362685 ( 1B ) 2015383268 ( 4C ) 2015387440 ( 1B )  
 2015387450 ( 1B ) 2015412210 ( 5C )

**2016**

2016100241 ( 22E ) 2016100245 ( 22E ) 2016100248 ( 22G )  
 2016100258 ( 22E ) 2016102330 ( 22E ) 2016200438 ( 14 )  
 2016202048 ( 14 ) 2016202099 ( 1B ) 2016202451 ( 1B )  
 2016203207 ( 14 ) 2016204116 ( 14 ) 2016204188 ( 1B )  
 2016204381 ( 1B ) 2016227013 ( 5C ) 2016236851 ( 1B )  
 2016238336 ( 1B ) 2016241632 ( 5C ) 2016243320 ( 1B )  
 2016250292 ( 1B ) 2016250457 ( 5C ) 2016254677 ( 5C )  
 2016256840 ( 14 ) 2016267779 ( 5C ) 2016271015 ( 5C )  
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 2016283997 ( 1B ) 2016301188 ( 1B ) 2016307240 ( 1B )  
 2016323018 ( 25D ) 2016323062 ( 5C ) 2016334637 ( 5C )  
 2016341115 ( 5C ) 2016392624 ( 5C ) 2016396043 ( 5C )

**2017**

2017100261 ( 22E ) 2017100265 ( 22E ) 2017100280 ( 22E )  
 2017100287 ( 22E ) 2017100288 ( 22E ) 2017200419 ( 5C )  
 2017200874 ( 5C ) 2017201180 ( 5C ) 2017201606 ( 5C )  
 2017201790 ( 5C ) 2017202765 ( 5C ) 2017202933 ( 5C )  
 2017203036 ( 5C ) 2017203610 ( 5C ) 2017203729 ( 5C )  
 2017204082 ( 4C ) 2017204093 ( 5C ) 2017204415 ( 5C )  
 2017204762 ( 5C ) 2017204819 ( 5C ) 2017204847 ( 4C )  
 2017205198 ( 1B ) 2017205199 ( 1B ) 2017205289 ( 1B )  
 2017206183 ( 5C ) 2017206184 ( 5C ) 2017206187 ( 5C )  
 2017206228 ( 5C ) 2017206233 ( 4C ) 2017207260 ( 1B )  
 2017208265 ( 5C ) 2017208272 ( 5C ) 2017208311 ( 5C )  
 2017208313 ( 5C ) 2017213562 ( 5C ) 2017218985 ( 5C )  
 2017219077 ( 5C ) 2017223328 ( 5C ) 2017228546 ( 5C )  
 2017232042 ( 5C ) 2017232110 ( 5C ) 2017235929 ( 5C )  
 2017236021 ( 5C ) 2017248460 ( 5C ) 2017254882 ( 5C )  
 2017258955 ( 5C ) 2017261491 ( 5C ) 2017261518 ( 5C )  
 2017265036 ( 5C ) 2017272174 ( 5C ) 2017272299 ( 5C )  
 2017276152 ( 5C ) 2017276336 ( 5C ) 2017279706 ( 4C )  
 2017376836 ( 1B )

**2018**

2018101944 ( 21F ) 2018102113 ( 21F ) 2018200078 ( 5C )  
 2018200433 ( 5C ) 2018200956 ( 5C ) 2018200981 ( 5C )  
 2018201565 ( 5C ) 2018201725 ( 5C ) 2018202900 ( 5C )  
 2018203575 ( 5C ) 2018206805 ( 5C ) 2018903547 ( 12AN )  
 2018903747 ( 12AN )

**2019**

2019101061 ( 12AN ) 2019204690 ( 1B ) 2019204692 ( 1B )  
 2019204693 ( 1B ) 2019204745 ( 1B ) 2019204753 ( 1B )  
 2019204789 ( 1B ) 2019204802 ( 1B ) 2019232773 ( 12CN )  
 2019901044 ( 17AN )

**Assignments before Grant, Section 113****2014**

2014364214 Leimkuehler, William; Neme, Issam; Bioelectrics LLC  
The application has been assigned to **Bioelectrics LLC**

**2015**

2015224645 Vandendriessche, Luc; Willemsen, Louis; Van Den Broek, Lucas  
The application has been assigned to **Willemsen, Louis; Van Den Broek, Lucas**

2015237951 Fountain Biopharma Inc. The application has been assigned to **Oneness Biotech Co. Ltd**

**2016**

2016235059 Vaxiant, LLC The application has been assigned to **HUVEPHARMA, INC.**

2016393011 Jidosha Buhin Kogyo Co., Ltd. The application has been assigned to **IJTT Co., Ltd.**

2016395336 Liang, Yelin The application has been assigned to **LI-ANG, Peiling**

2016428017 Manning, John; Mitchell, Henry The application has been assigned to **MMC FITTINGS LIMITED**

**2017**

2017203165 AEROLENS GROUP PTY LTD The application has been assigned to **AEROLOGIX PTY LTD**

2017223831 ACS (US), Inc. The application has been assigned to **Smart-Edge.com, Inc.**

2017247235 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited; Sharp Kabushiki Kaisha**

2017263316 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited; Sharp Kabushiki Kaisha**

2017264109 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited; Sharp Kabushiki Kaisha**

2017287229 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited; Sharp Kabushiki Kaisha**

2017296991 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited; Sharp Kabushiki Kaisha**

2017390389 Flight Path IP Limited The application has been assigned to **Electric Shuffle IP Limited**

**2018**

2018232977 General Electric Company The application has been assigned to **GE Global Sourcing LLC**

2018253498 Wing, Dean The application has been assigned to **The Crab Nabber Pty Ltd**

**Assignments before Grant, Section 113****2019**

2019200076 SRI International; Yamaha Hatsudoki Kabushiki Kaisha The application has been assigned to **Yamaha Hatsudoki Kabushiki Kaisha**

2019200077 SRI International; Yamaha Hatsudoki Kabushiki Kaisha The application has been assigned to **Yamaha Hatsudoki Kabushiki Kaisha**

2019200104 SRI International; Yamaha Hatsudoki Kabushiki Kaisha The application has been assigned to **Yamaha Hatsudoki Kabushiki Kaisha**

2019201748 Yuhuan Ruijiang Computer Co., Ltd. The application has been assigned to **Weihai Huofeng Computer Co., Ltd.**

2019202019 Zhuji Hedong Crystal Co., Ltd. The application has been assigned to **Jinan Huichuan Clothing Co., Ltd.**

2019202053 Zhuji Hedong Crystal Co., Ltd. The application has been assigned to **Jinan Huichuan Clothing Co., Ltd.**

2019202057 Zhuji Yongyuan Bag Co., Ltd. The application has been assigned to **Jinan Huichuan Clothing Co., Ltd.**

2019901909 Bared Pty Ltd The application has been assigned to **Bared Trading Pty Ltd**

**Extensions of Time, Section 223****Applications Received**

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

**2012**

2012321345 **The University of Utah Research Foundation** An application to extend the time from 03 Oct 2018 to 03 Aug 2019 in which to pay the renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**2017**

2017235908 **Thinking Solutions Pty Ltd** An application to extend the time from 21 Dec 2018 to 21 Jul 2019 in which to pay the continuation fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**Applications Allowed - Section 223(2)****2007**

2007216811 **WARATAH ENGINEERING PTY LTD** The time in which to pay a renewal fee has been extended to 17 May 2019 . Address for service - WARATAH ENGINEERING PTY LTD 537 Lake Road Argenton NSW 2284 AU



**Extensions of Time, Section 223****2010**

2010226887 **Telefonix, Incorporated** The time in which to pay a renewal fee has been extended to 30 May 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2012**

2012316693 **BL Technologies, Inc.** The time in which to pay a renewal fee has been extended to 31 May 2019 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2014**

2014250663 **Plant Tape USA, Inc.; Plant Tape Altea S.L.** The time in which to pay a renewal fee has been extended to 16 Jun 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2014311254 **BajaBoard International Pty Ltd** The time in which to pay a continuation fee has been extended to 27 Apr 2019 . Address for service - Mills Oakley PO Box 453 Collins Street West VIC 8007 AU

**2016**

2016431213 **Bruker Daltonik GmbH; Westfälische Wilhelms-Universität Münster** The time in which to enter the National Phase has been extended to 30 Sep 2019 . Address for service - Franke Hyland PO Box 356 NORTH RYDE BC NSW 1670 AU

**2017**

2017255833 **Hui, Mizhou** The time in which to enter the national phase has been extended to 25 Apr 2019 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2017272268 **Telefonix, Incorporated** The time in which to pay a continuation fee has been extended to 30 May 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018201015 **Northrop Grumman Systems Corporation** The time in which to pay a renewal fee has been extended to 10 May 2019 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2018222903 **Indian Motorcycle International, LLC** The time in which to pay a continuation fee has been extended to 11 Jun 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2019**

2019203127 **McWade, K.** The time in which to comply with a direction under Reg 3.2A has been extended to 10 Sep 2019 . Address for service - Kirk McWade Po Box 1780 Wollongong DC NSW 2500 AU

2019204688 **The Boeing Company** The time in which to claim the convention priority date has been extended to 31 Jul 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019219869 **RES USA, LLP** The time in which to make a further application for a divisional patent has been extended to 06 Sep 2019 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

**Extensions of Time, Section 223**

2019222795 **Cell Signaling Technology, Inc.** The time in which to make a further application for a divisional patent has been extended to 02 Sep 2019 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

**Section 223(1) Allowances****2012**

2012302021 **AiBuy, Inc.** The time in which to pay the renewal fee has been extended to 29 May 2019

**2017**

2017258983 **Torqueedo GmbH** The time in which to gain acceptance has been extended to 18 Nov 2019

**2019**

2019226254 **Samsung Electronics Co., Ltd.** The time in which to make a further application for a divisional patent has been extended to 07 Sep 2019

**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.

**2001**

2001078273 Stable compositions for parenteral administration **Zoetis Services LLC** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2019 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

**2012**

2012229859 Nitrogen-containing saturated heterocyclic compound **Shanghai Pharmaceuticals Holding Co., Ltd ; Mitsubishi Tanabe Pharma Corporation** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2019 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2014**

2014208310 A Novel Formulation of Diclofenac **iCeutica Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2019 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2014232501 Heterodimeric proteins **Xencor, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014324630 Manifolds and methods of using them to control fluid flows **PerkinElmer Health Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2019 . Address for

**Amendments**

service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2015**

2015214645 An airway management device and method of manufacture **Wight, R.** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2019. Address for service - Jones Tulloch Se 9 150 Chestnut St Cremorne VIC 3121 AU

**2016**

2016339974 Application service configuration system **Uber Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2019. Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2017**

2017208233 Developer supply container and developer supplying system **Canon Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 28 Aug 2019. Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made****2006**

2006313007 **BAYER AUSTRALIA LTD** The nature of the amendment is as shown in the statement filed 24 May 2019

**2014**

2014228504 **Visen Medical, Inc.** The nature of the amendment is as shown in the statement filed 26 Jun 2019

2014266991 **De La Rue International Limited** The nature of the amendment is as shown in the statement filed 30 May 2019

2014280918 **Arrowhead Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read HINKLE, Gregory; KUCHIMANCHI, Satyanarayana; MILSTEIN, Stuart; WARMUTH, Markus; ZHOU, Wenlai; ZHU, Ping and ZIMMERMANN, Tracy S.

2014317940 **BASF SE** The nature of the amendment is as shown in the statements filed 23 May 2019 and 20 Jun 2019

2014366221 **Zoetis Services LLC** The nature of the amendment is as shown in the statement filed 24 Jun 2019

**2015**

2015269307 **Marine Ingredients, LLC** The nature of the amendment is as shown in the statements filed 06 Jun 2019 and 14 Jun 2019

**2016**

2016202659 **RED MARKER PTY LTD** The nature of the amendment is: Application is to proceed under the number 2016102425

2016221293 **Enzymotec Ltd.** The nature of the amendment is as shown in the statement filed 26 Jun 2019

**Amendments**

2016264749 **AK Steel Properties, Inc.** The nature of the amendment is as shown in the statement filed 30 May 2019

2016272881 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 25 Jun 2019

2016346892 **Dropbox, Inc.** The nature of the amendment is as shown in the statement filed 20 Sep 2019

2016349780 **Monsanto Technology LLC** The nature of the amendment is: Amend the name of the inventor to read Akbar, Waseem; Brown, Robert S.; Burns, Wen C.; Clark, Thomas I.; Gowda, Anilkumar; Pan, Aihong; Shi, Xiaohong; Stelzer, Jason W.; Wu, Kunsheng and Flasiński, Stanislaw

2016354119 **Illumina, Inc.** The nature of the amendment is as shown in the statement filed 29 May 2019

2016429418 **ViaCyte, Inc.** The nature of the amendment is: Amend the name of the inventor to read D'Amour, Kevin Allen; Kroon, Evert; Scott, Michael; Martinson, Laura and McGreevy, Craig

**2017**

2017219159 **Kabushiki Kaisha Toshiba** The nature of the amendment is: Amend the name of the inventor to read Kato, Yasuhiro; Hodot-suka, Masatoshi and Kaseda, Tetsuya

2017228558 **THE CHINESE UNIVERSITY OF HONG KONG** The nature of the amendment is as shown in the statement filed 24 Jun 2019

2017272180 **SAMSUNG ELECTRONICS CO., LTD.** The nature of the amendment is as shown in the statement filed 21 Jun 2019

2017371625 **ARC Marine Ltd** The nature of the amendment is as shown in the statement filed 11 Sep 2019

2017397937 **GC Corporation** The nature of the amendment is: Amend the invention title to read One-touch openable cap

2017399805 **Novum Spero Ltd.** The nature of the amendment is as shown in the statement filed 06 Sep 2019

2017403899 **Novomics Co., Ltd.** The nature of the amendment is: Amend the invention title to read SYSTEM FOR PREDICTING PROGNOSIS AND BENEFIT FROM ADJUVANT CHEMOTHERAPY FOR PATIENTS WITH STAGE II AND III GASTRIC CANCER

**2018**

2018101461 **Apple Inc.** The nature of the amendment is: Amend the priority details to read 62/763,139 10 Sep 2018 US and 62/678,692 31 May 2018 US

2018208279 **AGC Inc.** The nature of the amendment is: Amend the invention title to read Powder coating material, method for producing substrate provided with coating film, coated article and fluorinated polymer

2018215274 **SEB S.A.** The nature of the amendment is as shown in the statement filed 22 Aug 2019

**Amendments**

2018215276 **SEB S.A.** The nature of the amendment is as shown in the statement filed 02 Sep 2019

2018221254 **University of Pittsburgh - of The Commonwealth System of Higher Education** The nature of the amendment is: Amend the invention title to read Fat-associated lymphoid clusters as sites for transplantation, tissue regeneration, organogenesis and function for multiple tissues

2018234632 **Baylor College of Medicine** The nature of the amendment is: Amend the invention title to read DOMINANT ACTIVE YAP, A HIPPO EFFECTOR, INDUCES CHROMATIN ACCESSIBILITY AND CARIOMYOCYTE RENEWAL

2018234632 **Baylor College of Medicine** The nature of the amendment is: Amend the invention title to read DOMINANT ACTIVE YAP, A HIPPO EFFECTOR, INDUCES CHROMATIN ACCESSIBILITY AND CARDIOMYOCYTE RENEWAL

2018243336 **Mitsui Chemicals Agro, Inc.** The nature of the amendment is: Amend the invention title to read METHOD FOR CONTROLLING BUILDING-INHABITING PEST AND COMPOSITION FOR CONTROLLING BUILDING-INHABITING PEST

2018245790 **Sound Fun Corporation** The nature of the amendment is as shown in the statement(s) filed 06 Sep 2019

2018248877 **Dematic GmbH** The nature of the amendment is as shown in the statement filed 03 Sep 2019

2018318501 **Osaka University; Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Steel with High Hardness and Excellent Toughness

**2019**

2019100221 **JALT TECHNOLOGIES PTY LTD** The nature of the amendment is as shown in the statement filed 12 Sep 2019

2019201163 **Borecam Asia Pte Ltd** The nature of the amendment is: Amend the name of the inventor to read KLEYN, Nicolas; KLEYN, Christopher and KLEYN, Nicky

2019202936 **Warn, C.** The nature of the amendment is: Application is to proceed under the number 2019101077

2019226119 **HMA Wear Solutions P/L** The nature of the amendment is: Application is to proceed under the number 2019101098

2019229362 **Manitou Equipment America, LLC** The nature of the amendment is: Amend the priority details to read 16/137,096 20 Sep 2018 US

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

**2002**

2002257354 **TERRA SPASE, Inc.** The name of the patentee has been altered to **Vineyard Investigations**

**Amendments**

**2012**

2012234110 **UMG ABS, LTD.** The name of the patentee has been altered to **Techno-UMG Co., Ltd.**

**2015**

2015232499 **UMG ABS, Ltd.** The name of the patentee has been altered to **Techno-UMG Co., Ltd.**

2015270450 **Exosomics Siena S.p.A.** The name of the applicant has been altered to **Exosomics S.p.A.**

2015272757 **UMG ABS, Ltd.** The name of the patentee has been altered to **Techno-UMG Co., Ltd.**

**2016**

2016297718 **CC3D LLC** The name of the patentee has been altered to **Continuous Composites Inc.**

2016331659 **Relectrify Pty Ltd** The name of the applicant has been altered to **Relectrify Holdings Pty Ltd**

**2017**

2017250100 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

2017250588 **CC3D LLC** The name of the patentee has been altered to **Continuous Composites Inc.**

2017250655 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

2017278950 **Vitae Pharmaceuticals, Inc.** The name of the applicant has been altered to **Vitae Pharmaceuticals, LLC.**

2017301826 **Tessa Therapeutics Pte. Ltd.** The name of the applicant has been altered to **Tessa Therapeutics Ltd.**

2017324066 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

2017324086 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

2017324612 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

2017326006 **Vitae Pharmaceuticals, Inc.** The name of the applicant has been altered to **Vitae Pharmaceuticals, LLC.**

2017353793 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

2017353865 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

2017355352 **CC3D LLC** The name of the applicant has been altered to **Continuous Composites Inc.**

**Amendments**

2017395741 CC3D LLC The name of the applicant has been altered to **Continuous Composites Inc.**

**2018**

2018204887 CC3D LLC The name of the applicant has been altered to **Continuous Composites Inc.**

2018212403 Tessa Therapeutics Pte. Ltd. The name of the applicant has been altered to **Tessa Therapeutics Ltd.**

2018212454 CC3D LLC The name of the applicant has been altered to **Continuous Composites Inc.**

2018213915 CC3D LLC The name of the applicant has been altered to **Continuous Composites Inc.**

2018215304 NTT DoCoMo, Inc. The name of the applicant has been altered to **NTT DOCOMO, INC.**

2018219022 CC3D LLC The name of the applicant has been altered to **Continuous Composites Inc.**

2018234933 Bio Time, Inc. The name of the applicant has been altered to **Lineage Cell Therapeutics, Inc.**

2018239445 Dzyne Technologies, Inc. The name of the applicant has been altered to **Dzyne Technologies Incorporated**

2018282390 Nippon Steel & Sumitomo Metal Corporation The name of the applicant has been altered to **Nippon Steel Corporation**

**2019**

2019201580 CC3D LLC The name of the applicant has been altered to **Continuous Composites Inc.**

Applications Open to Public Inspection

Name Index

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

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019201632  
 (21) 2019201632 (22) 08.03.2019  
 (54) ARTIFICIAL INTELLIGENCE BASED DOCUMENT PROCESSOR  
 (51) Int. Cl.  
*G06Q 10/10* ( 2012.01 )  
*G06F 16/20* ( 2019.01 )  
*G06F 16/30* ( 2019.01 )  
*G06F 17/20* ( 2006.01 )  
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 62/674,367 21.05.18 US  
 (43) 03.10.2019  
 (72) PRIESTAS, James R.; O'GARA, Tara Lynn; GAFFNEY, Theresa M.; GURRAM, Sarat; BOWERS, Travis James; CORCORAN, Medb; SACALEANU, Bogdan Eugen  
 (74) Murray Trento & Associates Pty Ltd

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(71) AccessClosure, Inc.  
 (11) AU-A-2019229423  
 (21) 2019229423 (22) 13.09.2019  
 (54) Apparatus and methods for sealing a vascular puncture  
 (51) Int. Cl.  
*A61M 37/00* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2017248426  
 (72) HUNDERTMARK, Ronald; UCHIDA, Andy H.; ZILVERSMIT, Moshe; FISCELLA, David L.; FELL, Brandon; KU, Vincent; GUYER, Curt; REPP, Richard; SPONSEL, Mark  
 (74) Griffith Hack

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(71) Access Closure, Inc.  
 (11) AU-A-2019229429  
 (21) 2019229429 (22) 13.09.2019  
 (54) Apparatus and methods for sealing a vascular puncture  
 (51) Int. Cl.  
*A61B 17/00* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2015346140  
 (72) HUNDERTMARK, Ronald R.; TO, Kevin; GUYER, Curt; REPP, Rick; SCHNITZER, Martin; AVUTHU, Sravanthi  
 (74) Griffith Hack

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(71) Adama Australia Pty Ltd  
 (11) AU-A-2018201794  
 (21) 2018201794 (22) 13.03.2018  
 (54) Herbicide Formulation  
 (51) Int. Cl.  
*A01N 39/04* ( 2006.01 )

*A01N 25/02* ( 2006.01 )  
*A01N 25/10* ( 2006.01 )  
*A01N 39/02* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
*C07C 65/21* ( 2006.01 )  
 (43) 03.10.2019  
 (72) Glowka, George  
 (74) Chrysiliou IP

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(71) Adobe Inc.  
 (11) AU-A-2018250370  
 (21) 2018250370 (22) 16.10.2018  
 (54) WEAKLY SUPERVISED MODEL FOR OBJECT DETECTION  
 (51) Int. Cl.  
*G06K 9/80* ( 2006.01 )  
 (31) 15/921,492 (32) 14.03.18 (33) US  
 (43) 03.10.2019  
 (72) Lin, Zhe; Faieta, Baldo; Du, Delun  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2018253637  
 (21) 2018253637 (22) 29.10.2018  
 (54) INTERACTIVE TUTORIAL INTEGRATION  
 (51) Int. Cl.  
*G06F 8/73* ( 2018.01 )  
*G06Q 10/00* ( 2012.01 )  
 (31) 15/925,259 (32) 19.03.18 (33) US  
 (43) 03.10.2019  
 (72) Chang, Walter W.; Ding, Zhihong; Dontcheva, Lubomira; Wilensky, Gregg D.; Prasad, Darshan G.; Roberts, Claudia Veronica  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2019200084  
 (21) 2019200084 (22) 07.01.2019  
 (54) AUTOMATICALLY GENERATING MEANINGFUL USER SEGMENTS  
 (51) Int. Cl.  
*G06F 16/35* ( 2019.01 )  
*G06Q 30/02* ( 2012.01 )  
 (31) 15/925,707 (32) 19.03.18 (33) US  
 (43) 03.10.2019  
 (72) Modarresi, Kourosh; Yuan, Hongyuan; Menguy, Charles  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2019200085  
 (21) 2019200085 (22) 07.01.2019  
 (54) INCREMENTAL LEARNING OF POINTWISE MUTUAL INFORMATION

(PMI) WORD-VECTOR EMBEDDING FOR TEXT/LANGUAGE MODELING  
 (51) Int. Cl.  
*G06F 17/27* ( 2006.01 )  
*G06F 17/21* ( 2006.01 )  
 (31) 15/924,791 (32) 19.03.18 (33) US  
 (43) 03.10.2019  
 (72) Lin, Zhe; Li, Yingwei  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2019200269  
 (21) 2019200269 (22) 16.01.2019  
 (54) AN INTERACTIVE USER INTERFACE AND ITS CORRESPONDING ENGINE FOR IMPROVING IMAGE COMPLETION QUALITY  
 (51) Int. Cl.  
*G06T 5/00* ( 2006.01 )  
 (31) 15/921,447 (32) 14.03.18 (33) US  
 (43) 03.10.2019  
 (72) Amirghodsi, Sohrab; Shechtman, Elya; Stuckey, Sarah Jane  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) Ainsworth Game Technology Limited  
 (11) AU-A-2019201812  
 (21) 2019201812 (22) 15.03.2019  
 (54) A gaming machine and method with bonus symbol position  
 (51) Int. Cl.  
*G07F 17/32* ( 2006.01 )  
*G06F 17/00* ( 2019.01 )  
 (31) 15/923,448 (32) 16.03.18 (33) US  
 (43) 03.10.2019  
 (72) Prabhu, Sujay  
 (74) Shelston IP Pty Ltd.

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(71) ALSTOM Transport Technologies  
 (11) AU-A-2019201723  
 (21) 2019201723 (22) 13.03.2019  
 (54) Thermal conduction device and associated heat dissipation system  
 (51) Int. Cl.  
*H01L 23/40* ( 2006.01 )  
 (31) 18 52261 (32) 16.03.18 (33) FR  
 (43) 03.10.2019  
 (72) Zanetti, Adrien; Blanchet, Damien; Tuyeras, Gaetan; Ravot, Julien  
 (74) Davies Collison Cave Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2019203392  
 (21) 2019203392 (22) 14.05.2019  
 (54) Far-field extension for digital assistant services  
 (51) Int. Cl.  
*G10L 15/30* ( 2013.01 )

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**(43)** 03.10.2019  
**(62)** 2018271099  
**(72)** KIM, Yoon; SRISUWANANUKORN, Charles; CARSON, David A.; GRUBER, Thomas R.; BINDER, Justin G.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Avent, Inc.  
**(11)** AU-A-2019229441  
**(21)** 2019229441 **(22)** 13.09.2019  
**(54)** Method and system for monitoring and treating a medical condition via posterior tibial nerve stimulation  
**(51)** Int. Cl.  
**A61N 1/04** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2015339355  
**(72)** Schepis, Eric A.; Dumas, Nicole; Tate, Martha  
**(74)** Spruson & Ferguson

**(71)** Avent, Inc.  
**(11)** AU-A-2019229442  
**(21)** 2019229442 **(22)** 13.09.2019  
**(54)** Method and system for monitoring and treating a medical condition via posterior tibial nerve stimulation  
**(51)** Int. Cl.  
**A61N 1/04** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2015339355  
**(72)** Schepis, Eric A.; Dumas, Nicole; Tate, Martha  
**(74)** Spruson & Ferguson

**(71)** Balusu, R.B.; Vellanki, S.R.P.; Pilli, R.; Mitchanagatla, K.  
**(11)** AU-A-2019229384  
**(21)** 2019229384 **(22)** 12.09.2019  
**(54)** Novel polymorph of Tenofovir disoproxil maleate  
**(51)** Int. Cl.  
**C07F 9/6561** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**A61P 31/20** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2014266812  
**(72)** Balusu, Raja Babu; Vellanki, Siva Ram Prasa; Mitchanagatla, Kiran; Pilli, Rama Krishna  
**(74)** FB Rice Pty Ltd

**(71)** Bascom, B.  
**(11)** AU-A-2019229412  
**(21)** 2019229412 **(22)** 13.09.2019  
**(54)** Auto-loading firearm with selectable live fire and training modes  
**(51)** Int. Cl.  
**F41A 33/00** ( 2006.01 )  
**F41A 19/06** ( 2006.01 )  
**F41C 3/00** ( 2006.01 )

**(43)** 03.10.2019  
**(62)** 2016385967  
**(72)** BASCOM, Brian Edward  
**(74)** Spruson & Ferguson

**(71)** Battelle Memorial Institute  
**(11)** AU-A-2019229359  
**(21)** 2019229359 **(22)** 11.09.2019  
**(54)** PORTABLE COUNTERMEASURE DEVICE  
**(51)** Int. Cl.  
**H04K 3/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016325606  
**(72)** MORROW, C. Alexander; STAMM, Daniel E.; WELCH, Raphael Joseph  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Beijing Apollo Ding Rong Solar Technology Co., Ltd.  
**(11)** AU-A-2018236863  
**(21)** 2018236863 **(22)** 28.09.2018  
**(54)** Composite Material, Chemical Bath Deposition Method And Method For Manufacturing Cigs Photovoltaic Module  
**(51)** Int. Cl.  
**H01L 31/0445** ( 2014.01 )  
**B32B 7/06** ( 2006.01 )  
**B32B 17/06** ( 2006.01 )  
**B32B 27/00** ( 2006.01 )  
**B32B 33/00** ( 2006.01 )  
**B32B 37/26** ( 2006.01 )  
**H01L 31/18** ( 2006.01 )  
**(31)** 201810209148.4 **(32)** 14.03.18 **(33)** CN  
**(43)** 03.10.2019  
**(72)** WANG, Lei; GUO, Lida; YANG, Lihong  
**(74)** WRAYS PTY LTD

**BioNTech RNA Pharmaceuticals GmbH**  
**see TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz**  
**Gemeinnützige GmbH**  
**(21)** 2019229434

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2019200908  
**(21)** 2019200908 **(22)** 08.02.2019  
**(54)** Catheter with multifunctional microinjection-molded housing  
**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**A61B 18/18** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**(31)** 15/925,521 **(32)** 19.03.18 **(33)** US  
**(43)** 03.10.2019  
**(72)** SCHULTZ, Jeffrey William  
**(74)** Spruson & Ferguson

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-A-2019201289  
**(21)** 2019201289 **(22)** 25.02.2019  
**(54)** SNR of intracardiac signals  
**(51)** Int. Cl.  
**A61B 5/042** ( 2006.01 )

**(31)** 15/919,863 **(32)** 13.03.18 **(33)** US  
**(43)** 03.10.2019  
**(72)** GLINER, Vadim; GOVARI, Assaf  
**(74)** Spruson & Ferguson

**(71)** Blackhawk Network, Inc.  
**(11)** AU-A-2019232775  
**(21)** 2019232775 **(22)** 16.09.2019  
**(54)** A system for payment via electronic wallet  
**(51)** Int. Cl.  
**G06Q 20/36** ( 2012.01 )  
**(43)** 03.10.2019  
**(62)** 2017210537  
**(72)** Campos, Tomas Ariel; Miller, Keith; Llach, Teri; Harper, Kellie D.; Ansari, Ansar  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bluebeam Software, Inc.  
**(11)** AU-A-2019229348  
**(21)** 2019229348 **(22)** 11.09.2019  
**(54)** Pre-filtering for visual object searching of documents  
**(51)** Int. Cl.  
**G06K 9/34** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2013376863  
**(72)** Tudusciuc, Cristian  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Boehringer Ingelheim Animal Health USA Inc  
**(11)** AU-A-2019229407  
**(21)** 2019229407 **(22)** 13.09.2019  
**(54)** LONG-ACTING INJECTABLE MOXIDECTIN FORMULATIONS AND NOVEL MOXIDECTIN CRYSTAL FORMS  
**(51)** Int. Cl.  
**C07D 493/22** ( 2006.01 )  
**A61K 31/365** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017268548  
**(72)** CADY, Susan Mancini; MA, Baoqing; CHAPMAN, Robert Clark; YANG, Chunhua; JAIN, Uday  
**(74)** FB Rice Pty Ltd

**(71)** Cancer Research Technology Limited  
**(11)** AU-A-2019229363  
**(21)** 2019229363 **(22)** 11.09.2019  
**(54)** Modulators Of The SRC-Kinase Activity For Preventing Or Treating Metastatic Cancer  
**(51)** Int. Cl.  
**A61K 38/08** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2014261217  
**(72)** VAINIKKA, Satu; MORRIS, George Steven; OGUN SALU, Samuel; CASTORIA, Gabriella; MIGLIACCIO, Antimo; AURICCHIO, Fernando  
**(74)** WRAYS PTY LTD

Applications Open to Public Inspection - Name Index cont'd

(71) CeMM - Forschungszentrum für Molekulare Medizin GmbH  
 (11) AU-A-2019229353  
 (21) 2019229353 (22) 11.09.2019  
 (54) Mutant calreticulin for the diagnosis of myeloid malignancies  
 (51) Int. Cl.  
 C07K 14/47 (2006.01)  
 A61K 39/00 (2006.01)  
 C12Q 1/68 (2006.01)  
 (43) 03.10.2019  
 (62) 2014320262  
 (72) Kralovics, Robert; Klampfl, Thorsten; Gisslinger, Heinz  
 (74) Davies Collison Cave Pty Ltd

Children's Medical Center Corporation see President and Fellows of Harvard College  
 (21) 2019229467

(71) Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-A-2018201932  
 (21) 2018201932 (22) 16.03.2018  
 (54) Plants producing modified levels of medium chain fatty acids  
 (51) Int. Cl.  
 C12N 15/82 (2006.01)  
 A01H 5/00 (2018.01)  
 A23D 9/00 (2006.01)  
 (43) 03.10.2019  
 (72) REYNOLDS, Kyle B.; VANHERCKE, Thomas; EL TAHCHY, Anna; LIU, Qing; SINGH, Surinder S.; PETRIE, James R.  
 (74) FB Rice Pty Ltd

(71) Controlabill Pty Ltd  
 (11) AU-A-2019229419  
 (21) 2019229419 (22) 13.09.2019  
 (54) AUTOMATED BUDGET MANAGEMENT, MULTIPLE PAYMENT, AND PAYMENT AUTHORITY MANAGEMENT  
 (51) Int. Cl.  
 G06Q 30/00 (2006.01)  
 (43) 03.10.2019  
 (62) 2017213579  
 (72) WRIGHT, BERNARD JOHN; COULTER, STEPHEN BRUCE  
 (74) Griffith Hack

(71) Costas, E.  
 (11) AU-A-2019229443  
 (21) 2019229443 (22) 13.09.2019  
 (54) Holder for Supporting Media Sheet  
 (51) Int. Cl.  
 B42D 17/00 (2006.01)  
 (43) 03.10.2019  
 (62) 2017210521  
 (72) Costas, Eric  
 (74) Griffith Hack

(71) Covidien LP  
 (11) AU-A-2019201032  
 (21) 2019201032 (22) 14.02.2019

(54) Chip assembly for reusable surgical instruments  
 (51) Int. Cl.  
 A61B 90/98 (2016.01)  
 A61B 17/068 (2006.01)  
 (31) 15/920,050 (32) 13.03.18 (33) US  
 (43) 03.10.2019  
 (72) PENNA, Christopher; SGROI JR., Anthony; KOLLAR, Charlie; VALENTINE, David; WILLIAMS, Justin; MOZDZIERZ, Patrick; PAUL, Stephen; CABRERA, Ramiro; JOYCE, Steven; GUERRERA, Joseph  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2019201059  
 (21) 2019201059 (22) 15.02.2019  
 (54) Optical trocar assembly  
 (51) Int. Cl.  
 A61B 17/34 (2006.01)  
 (31) 15/919,854 (32) 13.03.18 (33) US  
 (43) 03.10.2019  
 (72) ADINOLFI, Amanda  
 (74) Spruson & Ferguson

(71) Cryptomathic Ltd  
 (11) AU-A-2019229343  
 (21) 2019229343 (22) 11.09.2019  
 (54) Secure mobile user interface and mobile device case  
 (51) Int. Cl.  
 H04W 12/06 (2009.01)  
 G06F 21/00 (2006.01)  
 H04L 29/06 (2006.01)  
 H04M 1/00 (2006.01)  
 (43) 03.10.2019  
 (62) 2014343512  
 (72) LANDROCK, Peter; BOND, Mike  
 (74) FB Rice Pty Ltd

(71) Crystal World Holdings, Inc.  
 (11) AU-A-2019229383  
 (21) 2019229383 (22) 12.09.2019  
 (54) Sports-based financial instrument development and trading systems and methods  
 (51) Int. Cl.  
 G06Q 40/00 (2006.01)  
 (43) 03.10.2019  
 (62) 2014381650  
 (72) RABALAIS, Christopher Paul; OZGIT, Emin Alper; BROWN, Neil; SETHNESS IV, Ralph Edward; BLEIER, Paul Mathew; TANNIS, Ernest Allan; HENRY, Jason Beryl Edward; UNDERHILL, Ace B.  
 (74) FB Rice Pty Ltd

(71) Daon Holdings Limited  
 (11) AU-A-2019201152  
 (21) 2019201152 (22) 19.02.2019  
 (54) METHODS AND SYSTEMS FOR DETECTING USER LIVENESS  
 (51) Int. Cl.  
 G06K 9/52 (2006.01)  
 (31) 15/919,312 (32) 13.03.18 (33) US

(43) 03.10.2019  
 (72) IONITA, Mircea  
 (74) Wallington-Dummer

(71) Datamars SA  
 (11) AU-A-2019229404  
 (21) 2019229404 (22) 13.09.2019  
 (54) AN ELECTRIC FENCE CONNECTOR  
 (51) Int. Cl.  
 A01K 3/00 (2006.01)  
 E04H 17/00 (2006.01)  
 (43) 03.10.2019  
 (62) 2018201113  
 (72) Pearce, Grant  
 (74) Ellis Terry

(71) DE VILLIERS, M.W.  
 (11) AU-A-2019201139  
 (21) 2019201139 (22) 19.02.2019  
 (54) SUBSURFACE IRRIGATION SYSTEM  
 (51) Int. Cl.  
 F16L 25/14 (2006.01)  
 A01G 25/09 (2006.01)  
 F16L 11/22 (2006.01)  
 F16L 43/00 (2006.01)  
 (31) 2018/01739 (32) 14.03.18 (33) ZA  
 (43) 03.10.2019  
 (72) DE VILLIERS, Martin William  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Dow AgroSciences LLC  
 (11) AU-A-2019229409  
 (21) 2019229409 (22) 13.09.2019  
 (54) 4-amino-6-(4-substituted-phenyl)-picolinates and 6-amino-2-(4-substituted-phenyl)-pyrimidine-4-carboxylates and their use as herbicides  
 (51) Int. Cl.  
 C07D 213/73 (2006.01)  
 A01N 43/40 (2006.01)  
 A01N 43/90 (2006.01)  
 (43) 03.10.2019  
 (62) 2018201665  
 (72) Eckelbarger, Joseph D.; Epp, Jeffrey B.; Fischer, Lindsey G.; Giampietro, Natalie C.; Irvine, Nicholas M.; Kister, Jeremy; Lo, William C.; Lowe, Christian T.; Petkus, Jeffrey; Roth, Joshua; Satchivi, Norbert M.; Schmitzer, Paul R.; Siddall, Thomas L.; Yerkes, Carla N.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Dr. Ing. h.c.F. Porsche Aktiengesellschaft  
 (11) AU-A-2018282349  
 (21) 2018282349 (22) 19.12.2018  
 (54) METHOD FOR CHARGING AN ENERGY STORE OF A VEHICLE USING A MODULAR CHARGING APPARATUS WITH HIGH OVERALL EFFICIENCY  
 (51) Int. Cl.  
 B60L 53/62 (2019.01)  
 B60L 53/10 (2019.01)  
 B60L 53/64 (2019.01)  
 H02J 7/14 (2006.01)

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 (43) 03.10.2019  
 (72) Metzger, Christian; Hähre, Karsten; De Jongh, Steven; Jankovic, Marija  
 (74) Phillips Ormonde Fitzpatrick

(71) Duracell U.S. Operations, Inc.  
 (11) AU-A-2019229401  
 (21) 2019229401 (22) 12.09.2019  
 (54) Indicator circuit decoupled from a ground plane  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
*H01M 10/48* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2015267390  
 (72) CHAPPELLE, Alistair Neil; DILLEY, Jerome Alexander Martin; GILES, Calvin Christopher; STEFANOV, Konstantin Dimitrov; STORKEY, Matthew Emmanuel Milton; BOURILKOV, Jordan Todorov; CORONADO HORTAL, Sergio; MORRIS, William Fittler; SPECHT, Steven Jeffrey  
 (74) Griffith Hack

(71) Ecoplanet Environmental LLC  
 (11) AU-A-2019229354  
 (21) 2019229354 (22) 11.09.2019  
 (54) VOLATILE ORGANIC COMPOUND FORMULATIONS HAVING ANTIMICROBIAL ACTIVITY  
 (51) Int. Cl.  
*C12P 7/52* ( 2006.01 )  
*C07H 15/00* ( 2006.01 )  
*C07H 17/00* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2018214127  
 (72) Strobel, Gary A.; Blatt, Bryan  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Elixigen, LLC  
 (11) AU-A-2019229444  
 (21) 2019229444 (22) 13.09.2019  
 (54) Methods of using Zscan4 for rejuvenating human cells  
 (51) Int. Cl.  
*A61K 31/7088* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C12N 15/09* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2014233500  
 (72) KO, Minoru S.H.  
 (74) Spruson & Ferguson

(71) Essenlix Corp.  
 (11) AU-A-2019229327  
 (21) 2019229327 (22) 10.09.2019  
 (54) DEVICE AND SYSTEM FOR ANALYZING A SAMPLE, PARTICULARLY BLOOD, AS WELL AS METHODS OF USING THE SAME  
 (51) Int. Cl.  
*G01N 33/543* ( 2006.01 )  
*G01N 33/569* ( 2006.01 )

*G01N 33/80* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2016323062  
 (72) Chou, Stephen Y.; Ding, Wei  
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) EXEL Industries  
 (11) AU-A-2019201647  
 (21) 2019201647 (22) 11.03.2019  
 (54) Thermal weeders  
 (51) Int. Cl.  
*A01M 21/04* ( 2006.01 )  
 (31) 1814212.5 (32) 31.08.18 (33) GB  
 1852236 15.03.18 FR  
 1852237 15.03.18 FR  
 (43) 03.10.2019  
 (72) SCHWENTER, Sébastien  
 (74) FB Rice Pty Ltd

(71) F & J Attard & Sons Pty Ltd  
 (11) AU-A-2019229425  
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 (54) TRUCK CURTAIN AND CURTAIN SYSTEM  
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(71) FERNO-WASHINGTON, INC.  
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*B60R 11/06* ( 2006.01 )  
*A45C 13/02* ( 2006.01 )  
*A61B 50/00* ( 2016.01 )  
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 (72) SCHROEDER, Timothy Paul; WEST, James C.  
 (74) Griffith Hack

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 (54) COMPONENTS FOR MEDICAL CIRCUITS  
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*A61M 13/00* ( 2006.01 )  
*A61M 16/00* ( 2006.01 )  
*A61M 39/00* ( 2006.01 )  
*A62B 7/00* ( 2006.01 )  
*B32B 3/26* ( 2006.01 )  
*B32B 3/28* ( 2006.01 )  
*B32B 3/30* ( 2006.01 )  
*B32B 5/18* ( 2006.01 )  
*B32B 5/22* ( 2006.01 )  
*B32B 27/00* ( 2006.01 )

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 (72) Gierke, Timothy Dee; Hermez, Laith Adeeb; Orchard, Kieran Michael  
 (74) Baldwins Intellectual Property

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 (54) COMPONENTS FOR MEDICAL CIRCUITS  
 (51) Int. Cl.  
*A61M 13/00* ( 2006.01 )  
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*B32B 5/18* ( 2006.01 )  
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(71) Fred Hutchinson Cancer Research Center  
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*C07K 14/705* ( 2006.01 )  
*A61K 35/17* ( 2015.01 )  
*A61K 38/00* ( 2006.01 )  
*C07K 14/725* ( 2006.01 )  
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*G02B 6/255* ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

(71) Fuji Xerox Co., Ltd.  
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 (74) FB Rice Pty Ltd

(71) GREE Electric Appliances, Inc. of  
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 (51) Int. Cl.

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 (74) Pizeys Patent and Trade Mark Attor-  
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(71) Hitachi Construction Machinery Co.,  
 Ltd.

(11) AU-A-2019229432  
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 (54) Mining machine logging system,  
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 mining machine logging method  
 (51) Int. Cl.

G06Q 50/02 ( 2012.01 )  
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 Hiroto  
 (74) Griffith Hack

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 (54) AIRFLOW SENSOR WITH GAS COM-  
 POSITION CORRECTION

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(71) Huawei Technologies Co., Ltd.; Uni-  
 versity of Science and Technology of  
 China

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 (54) IMAGE PREDICTION METHOD AND  
 DEVICE

(51) Int. Cl.  
 H04N 19/105 ( 2014.01 )

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 ITATING A VIRTUAL CASINO FLOOR  
 HAVING DIFFERENT PARAMETERS  
 (51) Int. Cl.

G07F 17/32 ( 2006.01 )  
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 (72) Cohen, Charles  
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(71) Illinois Tool Works Inc.  
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 (54) Conveyor dishwasher  
 (51) Int. Cl.

A47L 15/24 ( 2006.01 )  
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 (43) 03.10.2019  
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 (74) Davies Collison Cave Pty Ltd

(71) Impossible Foods Inc.  
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 (54) Methods and compositions for consum-  
 ables  
 (51) Int. Cl.

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 VARADAN, Ranjani  
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 (54) SYSTEM AND METHOD FOR SIMU-  
 LATING COGNITIVE IMPAIRMENT  
 (51) Int. Cl.

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 G02B 5/22 ( 2006.01 )  
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**G06N 10/00** ( 2019.01 )  
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- (71) Intra-Cellular Therapies, Inc.  
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 (21) 2019229392 (22) 12.09.2019  
 (54) SELF-CONFIGURABLE TRACKING TAGS AND METHODS OF USE  
 (51) Int. Cl.  
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- (71) IsoLynx, LLC  
 (11) AU-A-2019229390  
 (21) 2019229390 (22) 12.09.2019  
 (54) SYSTEMS AND METHODS FOR ANALYZING EVENT DATA  
 (51) Int. Cl.  
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 (54) Connection Assembly  
 (51) Int. Cl.  
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**B66F 11/04** ( 2006.01 )  
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 (21) 2018226475 (22) 06.09.2018  
 (54) Operation plan creation apparatus, operation plan creation method, and program  
 (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
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 (74) Davies Collison Cave Pty Ltd
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- (71) KABUSHIKI KAISHA TOSHIBA  
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 (54) System and method for planning travel path for work machine, and work machine  
 (51) Int. Cl.  
**G05D 1/02** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )  
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 (54) PACKAGED FOOD PRODUCT  
 (51) Int. Cl.  
**B65D 25/22** ( 2006.01 )  
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**B65D 77/20** ( 2006.01 )  
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 (11) AU-A-2019232767  
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 (54) DETERMINING APPRAISAL LOCATIONS IN A RESERVOIR SYSTEM  
 (51) Int. Cl.  
**G06F 19/00** ( 2006.01 )  
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 (54) SCRAPING APPARATUS  
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**B63B 59/08** ( 2006.01 )  
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**F25D 25/02** ( 2006.01 )

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**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Littelfuse, Inc.  
**(11)** AU-A-2019201769  
**(21)** 2019201769 **(22)** 14.03.2019  
**(54)** Monitor device, ground fault protection circuit and techniques  
**(51)** Int. Cl.  
**H02H 3/18** ( 2006.01 )  
**(31)** 62/644,359 **(32)** 16.03.18 **(33)** US  
 16/297,487 08.03.19 US  
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**(21)** 2019201770 **(22)** 14.03.2019  
**(54)** Monitor device, ground fault protection circuit and techniques  
**(51)** Int. Cl.  
**H02H 3/18** ( 2006.01 )  
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**(71)** Massachusetts Institute of Technology  
**(11)** AU-A-2019232778  
**(21)** 2019232778 **(22)** 16.09.2019  
**(54)** WATER-SOLUBLE TRANS-MEMBRANE PROTEINS AND METHODS FOR THE PREPARATION AND USE THEREOF  
**(51)** Int. Cl.  
**C07K 14/72** ( 2006.01 )  
**(43)** 03.10.2019  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Mastercard International Incorporated  
**(11)** AU-A-2019229449  
**(21)** 2019229449 **(22)** 13.09.2019  
**(54)** Vending machine transactions  
**(51)** Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
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**G07F 7/00** ( 2006.01 )  
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**(71)** Maytronics Ltd  
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**(21)** 2019201181 **(22)** 20.02.2019  
**(54)** POOL CLEANING SYSTEM  
**(51)** Int. Cl.  
**H02J 50/10** ( 2016.01 )  
**E04H 4/16** ( 2006.01 )  
**H02J 50/50** ( 2016.01 )  
**H02J 50/90** ( 2016.01 )  
**(31)** 62/643,764 **(32)** 16.03.18 **(33)** US  
**(43)** 03.10.2019  
**(72)** Witelson, Shay; Hadari, Yair  
**(74)** Michael Buck IP

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**(21)** 2019229394 **(22)** 12.09.2019  
**(54)** COMPOSITIONS AND METHODS FOR TREATING CANCER  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
**C07K 16/24** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016291803  
**(72)** Van Vlerken-Ysla, Lliian Emilia; Hurt, Elaine Marie  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** MedImmune Limited  
**(11)** AU-A-2019229424  
**(21)** 2019229424 **(22)** 13.09.2019  
**(54)** PROTEASE-RESISTANT LIPIDATED GLP-1 ANALOGS  
**(51)** Int. Cl.  
**C07K 14/605** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**C12Q 1/37** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016277449  
**(72)** Revell, Jefferson D.; Bednarek, Maria A.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Memorial Sloan-Kettering Cancer Center  
**(11)** AU-A-2019229342  
**(21)** 2019229342 **(22)** 11.09.2019  
**(54)** Effective generation of tumor-targeted T-cells derived from pluripotent stem cells  
**(51)** Int. Cl.  
**A61K 35/00** ( 2006.01 )  
**C12N 5/074** ( 2010.01 )  
**C12N 5/0783** ( 2010.01 )  
**(43)** 03.10.2019  
**(62)** 2014248119  
**(72)** THEMELI, Maria; SADELAIN, Michel; KLOSS, Christopher C.  
**(74)** Spruson & Ferguson

**(71)** Microsoft Technology Licensing, LLC  
**(11)** AU-A-2019229450  
**(21)** 2019229450 **(22)** 13.09.2019  
**(54)** Controlling runtime access to application programming interfaces  
**(51)** Int. Cl.  
**G06F 9/44** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2014257298  
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**(74)** Davies Collision Cave Pty Ltd

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**(71)** Monteleone, G.  
**(11)** AU-A-2019201767  
**(21)** 2019201767 **(22)** 14.03.2019  
**(54)** FLAT PACK FURNITURE ASSEMBLY  
**(51)** Int. Cl.  
**A47B 88/90** ( 2017.01 )  
**A47B 47/04** ( 2006.01 )  
**(31)** 2018900835 **(32)** 14.03.18 **(33)** AU  
**(43)** 03.10.2019  
**(72)** Monteleone, Gino Frank  
**(74)** Adams Pluck

**(71)** MORRIS, C.  
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**(21)** 2019229393 **(22)** 12.09.2019  
**(54)** DIRECT DENTAL BRIDGE  
**(51)** Int. Cl.  
**A61C 8/00** ( 2006.01 )  
**A61C 13/263** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016292910  
**(72)** MORRIS, Christopher  
**(74)** James & Wells Intellectual Property

**(71)** Nakaya, H.  
**(11)** AU-A-2019229329  
**(21)** 2019229329 **(22)** 10.09.2019  
**(54)** Thermoelectric conversion element and thermoelectric conversion module  
**(51)** Int. Cl.  
**H01L 35/22** ( 2006.01 )  
**H01L 35/24** ( 2006.01 )  
**H01L 35/32** ( 2006.01 )  
**H01L 51/00** ( 2006.01 )  
**H01L 51/30** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016316164  
**(72)** Nakaya, Hiroaki  
**(74)** FB Rice Pty Ltd

**(71)** NanoPhagix LLC  
**(11)** AU-A-2019229349  
**(21)** 2019229349 **(22)** 11.09.2019  
**(54)** Drug delivery and imaging chemical conjugate, formulations and methods of use thereof  
**(51)** Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**C07D 491/153** ( 2006.01 )  
**A61K 31/4353** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016278040  
**(72)** ADELMAN, Steven Jay; SKERRETT, H. Donlon; KINNEY, William A.  
**(74)** FB Rice Pty Ltd

**(71)** Nasdaq Technology AB  
**(11)** AU-A-2019229453  
**(21)** 2019229453 **(22)** 13.09.2019  
**(54)** Systems and methods for storing and sharing transactional data using distributed computer systems  
**(51)** Int. Cl.  
**G06F 21/54** ( 2013.01 )  
**G06F 21/57** ( 2013.01 )  
**G06F 21/60** ( 2013.01 )  
**G06F 21/62** ( 2013.01 )  
**(43)** 03.10.2019  
**(62)** 2017216289  
**(72)** TOLL, Johan; SJÖBLOM, Fredrik  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Nasdaq Technology AB  
**(11)** AU-A-2019232776  
**(21)** 2019232776 **(22)** 16.09.2019  
**(54)** Order life-cycle visualization  
**(51)** Int. Cl.  
**G06Q 40/04** ( 2012.01 )  
**G06F 3/048** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017213559  
**(72)** NEUMANN, Ingo; FURCHE, Andreas  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Nevro Corporation  
**(11)** AU-A-2019229328  
**(21)** 2019229328 **(22)** 10.09.2019  
**(54)** MEDICAL DEVICE COMMUNICATION AND CHARGING ASSEMBLIES FOR USE WITH IMPLANTABLE SIGNAL GENERATORS  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017210564  
**(72)** Parker, Jon; Chitre, Yougandh; Walker, Andre B.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Niagara Bottling, LLC  
**(11)** AU-A-2019232807  
**(21)** 2019232807 **(22)** 17.09.2019  
**(54)** Preform extended finish for processing light weight bottles  
**(51)** Int. Cl.  
**B29B 11/14** ( 2006.01 )  
**B29B 11/08** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017200045  
**(72)** HANAN, Jay Clarke  
**(74)** Spruson & Ferguson

**(71)** Nokia Solutions and Networks Oy  
**(11)** AU-A-2019229350  
**(21)** 2019229350 **(22)** 11.09.2019  
**(54)** Control channel transmission for paging message coverage enhancement  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**(43)** 03.10.2019  
**(62)** 2014396707  
**(72)** DU, Lei; RATASUK, Rapeepat; ZHANG, Yanji  
**(74)** Spruson & Ferguson

**(71)** Nokia Solutions and Networks Oy  
**(11)** AU-A-2019229351  
**(21)** 2019229351 **(22)** 11.09.2019  
**(54)** Control channel transmission for paging message coverage enhancement  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**(43)** 03.10.2019  
**(62)** 2014396707  
**(72)** DU, Lei; RATASUK, Rapeepat; ZHANG, Yanji  
**(74)** Spruson & Ferguson

**(71)** Noramco, Inc.  
**(11)** AU-A-2019229416  
**(21)** 2019229416 **(22)** 13.09.2019  
**(54)** Process for the production of cannabidiol and delta-9-tetrahydrocannabinol  
**(51)** Int. Cl.  
**C07D 311/04** ( 2006.01 )  
**C07D 311/80** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016294264  
**(72)** DIALER, Lukas; PETROVIC, Denis; WEIGL, Ulrich  
**(74)** Spruson & Ferguson

**(71)** North China University of Technology  
**(11)** AU-A-2018353937  
**(21)** 2018353937 **(22)** 27.06.2018  
**(54)** Method and system for predicting electrode short circuit based on current  
**(51)** Int. Cl.  
**G01R 31/02** ( 2006.01 )  
**(31)** 2018102143008 **(32)** 15.03.18 **(33)** CN  
**(43)** 03.10.2019  
**(72)** Tie, Jun; Zhao, Rentao; Zhang, Zhifang; Zheng, Wentang  
**(74)** Burns IP & Commercial Pty Ltd

**(71)** North China University of Technology  
**(11)** AU-A-2018353938  
**(21)** 2018353938 **(22)** 27.06.2018  
**(54)** System for measuring cathode current  
**(51)** Int. Cl.  
**C25C 1/12** ( 2006.01 )  
**C25C 7/06** ( 2006.01 )  
**(31)** 2018102135552 **(32)** 15.03.18 **(33)** CN  
**(43)** 03.10.2019  
**(72)** Tie, Jun; Zhao, Rentao; Zhang, Zhifang; Zheng, Wentang  
**(74)** Burns IP & Commercial Pty Ltd

**(71)** Novartis AG  
**(11)** AU-A-2019229380  
**(21)** 2019229380 **(22)** 12.09.2019  
**(54)** Uses of myostatin antagonists, combinations containing them and uses thereof  
**(51)** Int. Cl.  
**A61K 31/282** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2016352806  
**(72)** KLICKSTEIN, Lloyd B.; ROUBENOFF, Ronenn; FEIGE, Jerome; TRIFILIEFF, Estelle; HAKATEYAMA, Shinji  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novomatic AG  
**(11)** AU-A-2019229344  
**(21)** 2019229344 **(22)** 11.09.2019  
**(54)** Gaming system and method of use  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017232104  
**(72)** SVARICHEVSKY, Stanislav; ZAILINGER, Anton; CHYLA, Dariusz; CHYLA, Anna; FRIDRICH, Heinz  
**(74)** Spruson & Ferguson

**(71)** OTM SPORTS FISHING PTY. LIMITED  
**(11)** AU-A-2018201839  
**(21)** 2018201839 **(22)** 14.03.2018  
**(54)** A/bait - soft lures and bait that are environmentally friendly  
**(51)** Int. Cl.  
**A01K 85/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(72)** Glover, Trent  
**(74)** OTM SPORTS FISHING PTY. LIMITED

**(71)** Palm Nutraceuticals Sdn Bhd  
**(11)** AU-A-2018275013  
**(21)** 2018275013 **(22)** 09.12.2018  
**(54)** A Process of Preparing Vitamin E Concentrate  
**(51)** Int. Cl.  
**C07D 311/72** ( 2006.01 )  
**(31)** PI 2018701060 **(32)** 16.03.18 **(33)** MY  
**(43)** 03.10.2019  
**(72)** Ping Tou, GEE  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** Park, S.H.  
**(11)** AU-A-2018201854  
**(21)** 2018201854 **(22)** 15.03.2018  
**(54)** Creating a all sort of lower body-wear (clothes) without a elastic bands, hence creating a short strap (or all types/clip-ons) to hold it at place. This will be a comfort-wear for generations to show their immeasurable capabilities (such as sport). It does not leave or force marks into your lower belly (which reduces pressure), and produce

Applications Open to Public Inspection - Name Index cont'd

much-more relaxation. There won't be a hassle to tight up your pants with belts/strings.  
**(51)** Int. Cl.  
**A41D 1/06** ( 2006.01 )  
**(43)** 03.10.2019  
**(72)** Park, Seong Ho  
**(74)** Seong Ho Park

**Pater, P. see VIBFEM PTY LTD**  
**(21)** 2018201821

**(71)** Pharmacyclics LLC  
**(11)** AU-A-2019229398  
**(21)** 2019229398 **(22)** 12.09.2019  
**(54)** Use of inhibitors of Bruton's tyrosine kinase (Btk)  
**(51)** Int. Cl.  
**A61K 31/52** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017272271  
**(72)** BUGGY, Joseph J.; ELIAS, Laurence; FYFE, Gwen; HEDRICK, Eric; LOURY, David J.; MODY, Tarak D.  
**(74)** Spruson & Ferguson

**Pilli, R. see Balusu, R.B.**  
**(21)** 2019229384

**(71)** Pindrop Security, Inc.  
**(11)** AU-A-2019229365  
**(21)** 2019229365 **(22)** 11.09.2019  
**(54)** CALL DETAIL RECORD ANALYSIS TO IDENTIFY FRAUDULENT ACTIVITY AND FRAUD DETECTION IN INTERACTIVE VOICE RESPONSE SYSTEMS  
**(51)** Int. Cl.  
**H04M 3/493** ( 2006.01 )  
**G06F 21/50** ( 2013.01 )  
**(43)** 03.10.2019  
**(62)** 2016338689  
**(72)** Bandyopadhyay, Raj; Calhoun, Telvis; Balasubramanian, Vijay; Strong, Scott; Patil, Kailash; Dewey, David  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** PL Group Pty Limited  
**(11)** AU-A-2018232938  
**(21)** 2018232938 **(22)** 18.09.2018  
**(54)** FIRE RATED CABINET  
**(51)** Int. Cl.  
**A47B 81/00** ( 2006.01 )  
**(31)** 2018900862 **(32)** 15.03.18 **(33)** AU  
**(43)** 03.10.2019  
**(72)** Long, Phil  
**(74)** protectmyidea.com.au

**President and Fellows of Harvard College see The Broad Institute, Inc.**  
**(21)** 2019229420

**(71)** President and Fellows of Harvard College; Children's Medical Center Corporation  
**(11)** AU-A-2019229467  
**(21)** 2019229467 **(22)** 16.09.2019  
**(54)** METHODS AND USES FOR EX VIVO TISSUE CULTURE SYSTEMS  
**(51)** Int. Cl.  
**C12N 5/07** ( 2010.01 )  
**A61K 35/28** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017203220  
**(72)** Torisawa, Yusuke; Hamilton, Geraldine; Mammoto, Akiko; Mammoto, Tadanori; Spina, Catherine; Ingber, Donald  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Reading Doctor Pty Ltd  
**(11)** AU-A-2019229337  
**(21)** 2019229337 **(22)** 10.09.2019  
**(54)** TEACHING AND ASSESSMENT METHODS AND SYSTEMS  
**(51)** Int. Cl.  
**G09B 5/00** ( 2006.01 )  
**G09B 7/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017201606  
**(72)** Rajkowski, Bartek  
**(74)** Stephen Worthley

**(71)** Remendum Labs LLC  
**(11)** AU-A-2019229335  
**(21)** 2019229335 **(22)** 10.09.2019  
**(54)** TREATMENT OF URINARY INCONTINENCE  
**(51)** Int. Cl.  
**A61F 2/00** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017245476  
**(72)** Iglesias, Ramon Jose  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Revivacor Inc  
**(11)** AU-A-2019229448  
**(21)** 2019229448 **(22)** 13.09.2019  
**(54)** Genetically modified pigs for xenotransplantation of vascularized xenografts and derivatives thereof  
**(51)** Int. Cl.  
**C12N 15/85** ( 2006.01 )  
**A01K 67/027** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017202389  
**(72)** Ayares, David  
**(74)** FPA Patent Attorneys Pty Ltd

**RIKEN see SUMITOMO CHEMICAL COMPANY, LIMITED**  
**(21)** 2019229463

**(71)** Sanofi Biotechnology  
**(11)** AU-A-2019229366  
**(21)** 2019229366 **(22)** 11.09.2019  
**(54)** Human antibodies to PCSK9 for use in methods of treating particular groups of subjects  
**(51)** Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2017216546  
**(72)** Hanotin, Corinne; Bessac, Laurence; Chaudhari, Umesh  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Sew-N-Sew Pty Ltd  
**(11)** AU-A-2019229323  
**(21)** 2019229323 **(22)** 10.09.2019  
**(54)** A stair  
**(51)** Int. Cl.  
**E04F 11/06** ( 2006.01 )  
**(43)** 03.10.2019  
**(62)** 2015234681  
**(72)** Rooney, Peter; Rooney, Karen  
**(74)** WADESON

**(71)** Shenstone Design Pty Ltd  
**(11)** AU-A-2019201666  
**(21)** 2019201666 **(22)** 12.03.2019  
**(54)** Roller Blind System and Method  
**(51)** Int. Cl.  
**E06B 9/42** ( 2006.01 )  
**A47H 1/13** ( 2006.01 )  
**(31)** 2018900833 **(32)** 13.03.18 **(33)** AU  
**(43)** 03.10.2019  
**(72)** O'Keefe, Stephen John  
**(74)** IP& Pty Ltd

**(71)** Shenzhen Lanbei Technology Co., Ltd.  
**(11)** AU-A-2018393128  
**(21)** 2018393128 **(22)** 13.03.2018  
**(54)** Payment method, apparatus and system and vending terminal  
**(51)** Int. Cl.  
**G06Q 20/18** ( 2012.01 )  
**(43)** 03.10.2019  
**(72)** Chen, Zhixin; Lin, Jianjun; Ma, Shuai  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Sony Corporation  
**(11)** AU-A-2019229436  
**(21)** 2019229436 **(22)** 13.09.2019  
**(54)** Communication device and communication method  
**(51)** Int. Cl.  
**H04W 8/26** ( 2009.01 )  
**H04W 52/02** ( 2009.01 )  
**H04W 84/12** ( 2009.01 )  
**(43)** 03.10.2019  
**(62)** 2016351750  
**(72)** SUGAYA, Shigeru; ITAGAKI, Takeshi; YAMAURA, Tomoya  
**(74)** Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

(71) SOUTHERN INNOVATION INTERNATIONAL PTY LTD  
 (11) AU-A-2019229361  
 (21) 2019229361 (22) 11.09.2019  
 (54) INPUT COUNT RATE ESTIMATION IN RADIATION PULSE DETECTORS  
 (51) Int. Cl.  
*G01T 1/29* ( 2006.01 )  
*G01T 1/17* ( 2006.01 )  
*H03K 5/00* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2018202912  
 (72) Pauley, Michael; Scoullar, Paul; McLean, Chris; Chow, Andi; Drabkin, Nir  
 (74) Belyea IP

(71) Spokes, B.  
 (11) AU-A-2018201750  
 (21) 2018201750 (22) 12.03.2018  
 (54) Modular access ramp  
 (51) Int. Cl.  
*E04F 11/00* ( 2006.01 )  
*E04F 11/18* ( 2006.01 )  
 (43) 03.10.2019  
 (72) Spokes, Brendan John  
 (74) Brendan John Spokes

(71) Square, Inc  
 (11) AU-A-2019229446  
 (21) 2019229446 (22) 13.09.2019  
 (54) Integrated online and offline inventory management  
 (51) Int. Cl.  
*G06Q 30/06* ( 2012.01 )  
 (43) 03.10.2019  
 (62) 2017235924  
 (72) VARMA, Ajit Kalidindi; REISS, Jesse L.; ROBINSON, Joseph Loree; LIN, Andrew  
 (74) FB Rice Pty Ltd

(71) Steel-Line Garage Doors Australia Pty Ltd  
 (11) AU-A-2019200973  
 (21) 2019200973 (22) 12.02.2019  
 (54) A System  
 (51) Int. Cl.  
*E05D 15/16* ( 2006.01 )  
*E06B 3/48* ( 2006.01 )  
 (31) 2018900829 (32) 13.03.18 (33) AU  
 (43) 03.10.2019  
 (72) Hicks, Craig; Forrest, Darcy  
 (74) Spruson & Ferguson

(71) Stryker Corporation  
 (11) AU-A-2019229454  
 (21) 2019229454 (22) 13.09.2019  
 (54) CREATION OF A VOID SPACE IN BONE  
 (51) Int. Cl.  
*A61B 34/00* ( 2016.01 )  
*A61G 13/12* ( 2006.01 )  
*A61G 13/00* ( 2006.01 )

(43) 03.10.2019  
 (62) 2014324557  
 (72) Malackowski, Donald W.; Staunton, Douglas A.  
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation  
 (11) AU-A-2019229465  
 (21) 2019229465 (22) 16.09.2019  
 (54) Surgical reciprocating blade assembly including a static guide bar, teeth that project from a side of the guide bar and a drive rod that reciprocates the teeth  
 (51) Int. Cl.  
*A61B 17/14* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2017210635  
 (72) Canonaco, Alessandro F.; Carusillo, Steven; Plaskon, Gregory E.; Neal, David J.; Rugo, Eric; Collazo, Carlos E.  
 (74) Davies Collison Cave Pty Ltd

(71) STUDCO AUSTRALIA PTY LTD  
 (11) AU-A-2019201775  
 (21) 2019201775 (22) 14.03.2019  
 (54) BRACKET ASSEMBLY FOR BRACING TWO STRUCTURES  
 (51) Int. Cl.  
*E04B 2/82* ( 2006.01 )  
*E04B 9/20* ( 2006.01 )  
 (31) 2018900875 (32) 16.03.18 (33) AU  
 (43) 03.10.2019  
 (72) McKECHNIE, Simon; STEVENS, Ben  
 (74) Patent Attorney Services

(71) SUMITOMO CHEMICAL COMPANY, LIMITED; RIKEN  
 (11) AU-A-2019229463  
 (21) 2019229463 (22) 16.09.2019  
 (54) METHOD FOR PRODUCING CILIARY MARGINAL ZONE-LIKE STRUCTURE  
 (51) Int. Cl.  
*C12N 5/079* ( 2010.01 )  
*A61K 35/12* ( 2006.01 )  
*A61L 27/00* ( 2006.01 )  
*C12N 5/0735* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2013272548  
 (72) NAKANO, Tokushige; ANDO, Satoshi; SASAI, Yoshiki; EIRAKU, Mototsugu  
 (74) Griffith Hack

(71) SWIMC LLC  
 (11) AU-A-2019229396  
 (21) 2019229396 (22) 12.09.2019  
 (54) Prep tool  
 (51) Int. Cl.  
*B25G 3/14* ( 2006.01 )  
*B25G 1/08* ( 2006.01 )  
*B25G 3/26* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2017217434  
 (72) LEVAND, Victor J.; GAURAV, Sharad; MULROY, Sarah Bridget;

ROBERTSON, Joshua R.; GOODWIN, Edward Ray; BOSS, Randi  
 (74) Spruson & Ferguson

(71) Swirls, Inc.  
 (11) AU-A-2019229435  
 (21) 2019229435 (22) 13.09.2019  
 (54) METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK  
 (51) Int. Cl.  
*G06F 16/27* ( 2019.01 )  
*G06F 3/06* ( 2006.01 )  
*G06F 7/00* ( 2006.01 )  
*G06F 9/54* ( 2006.01 )  
*G06F 12/08* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2019202138  
 (72) Baird III, Leemon C.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Swirls, Inc.  
 (11) AU-A-2019229437  
 (21) 2019229437 (22) 13.09.2019  
 (54) METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK  
 (51) Int. Cl.  
*G06F 16/27* ( 2019.01 )  
*G06F 3/06* ( 2006.01 )  
*G06F 7/00* ( 2006.01 )  
*G06F 9/54* ( 2006.01 )  
*G06F 12/08* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2019202138  
 (72) Baird, III, Leemon C.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Syqe Medical Ltd.  
 (11) AU-A-2019229369  
 (21) 2019229369 (22) 11.09.2019  
 (54) FLOW REGULATING INHALER DEVICE  
 (51) Int. Cl.  
*A61M 15/00* ( 2006.01 )  
*A61M 16/20* ( 2006.01 )  
*A24F 47/00* ( 2006.01 )  
*A61M 11/04* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2015283594  
 (72) Davidson, Perry; Schorr, Aaron; Schwartz, Binyamin  
 (74) IP Sentinels Patent and Trademark Attorneys

(71) Syqe Medical Ltd.  
 (11) AU-A-2019229370  
 (21) 2019229370 (22) 11.09.2019  
 (54) DRUG DOSE CARTRIDGE FOR AN INHALER DEVICE  
 (51) Int. Cl.  
*A61M 11/04* ( 2006.01 )  
*A61M 15/00* ( 2006.01 )  
*A24F 47/00* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 03.10.2019  
 (62) 2015283593  
 (72) Davidson, Perry; Schorr, Aaron; Schwartz, Binyamin; Lifshitz, Roee  
 (74) IP Sentinels Patent and Trademark Attorneys
- 
- (71) Tata Consultancy Services Limited  
 (11) AU-A-2019201663  
 (21) 2019201663 (22) 12.03.2019  
 (54) INTEGRATED APPARATUS FOR MIXING AND SEPARATING FLUID PHASES AND METHOD THEREFOR  
 (51) Int. Cl.  
*B01D 21/26* ( 2006.01 )  
*B01D 45/16* ( 2006.01 )  
*B03B 5/62* ( 2006.01 )  
 (31) 201821009412 (32) 14.03.18 (33) IN  
 (43) 03.10.2019  
 (72) PUKKELLA, Arjun Kumar; SUBRAMANIAN, Sivakumar; VYSYARAJU, Raviraju  
 (74) Origin Patent and Trade Mark Attorneys
- 
- (71) The Boots Company plc  
 (11) AU-A-2019204198  
 (21) 2019204198 (22) 14.06.2019  
 (54) Concentrated cosmetic composition  
 (51) Int. Cl.  
*A61K 8/34* ( 2006.01 )  
*A61K 8/64* ( 2006.01 )  
*A61K 8/67* ( 2006.01 )  
*A61K 8/73* ( 2006.01 )  
*A61K 8/81* ( 2006.01 )  
*A61K 8/9783* ( 2017.01 )  
*A61Q 19/08* ( 2006.01 )  
 (31) 18020099.0 (32) 15.03.18 (33) EP  
 (43) 03.10.2019  
 (72) HICKS, Jake Thomas; ELMS, Christopher John; BELL, Michael David  
 (74) Griffith Hack
- 
- (71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College  
 (11) AU-A-2019229420  
 (21) 2019229420 (22) 13.09.2019  
 (54) Engineering of systems, methods and optimized guide compositions for sequence manipulation  
 (51) Int. Cl.  
*C12N 15/63* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2016244241  
 (72) Zhang, Feng; Cong, Le; Hsu, Patrick; Ran, Fei  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Procter & Gamble Company  
 (11) AU-A-2019229433  
 (21) 2019229433 (22) 13.09.2019  
 (54) Synthesis of cyclohexane carboxamide derivatives useful as sensates in consumer products  
 (51) Int. Cl.  
*C07C 269/06* ( 2006.01 )  
*C07C 231/02* ( 2006.01 )

- (43) 03.10.2019  
 (62) 2016342264  
 (72) Yelm, Kenneth Edward; Wos, John August; Bunke, Gregory Mark; Frederick, Heath; Haught, John Christian; Hoke, Steven Hamilton; Sreekrishna, Koti Tatachar; Lin, Yakang  
 (74) Watermark Intellectual Property Pty Ltd
- 
- (71) The Trustees of the University of Pennsylvania  
 (11) AU-A-2019229397  
 (21) 2019229397 (22) 12.09.2019  
 (54) Improved vaccines and methods for using the same  
 (51) Int. Cl.  
*C07H 21/04* ( 2006.01 )  
*C07K 14/00* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2017208322  
 (72) Weiner, David B.; Yan, Jian; Laddy, Dominick  
 (74) FB Rice Pty Ltd
- 
- (71) TNA Australia Pty Limited  
 (11) AU-A-2019201638  
 (21) 2019201638 (22) 08.03.2019  
 (54) A packaging machine  
 (51) Int. Cl.  
*B65B 51/30* ( 2006.01 )  
*B65B 9/20* ( 2012.01 )  
 (31) 2018900828 (32) 13.03.18 (33) AU  
 (43) 03.10.2019  
 (72) Taylor, Alfred Alexander; Ferfolja, Deni  
 (74) Spruson & Ferguson
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- (71) TNBT Holdings Pty Limited  
 (11) AU-A-2019229331  
 (21) 2019229331 (22) 10.09.2019  
 (54) A Lock Assembly  
 (51) Int. Cl.  
*E05B 65/00* ( 2006.01 )  
*E05B 63/00* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2015201216  
 (72) Marc, Cohen; Jonathan Mark, Woodcock; Zsolt, Szarka-Kovacs  
 (74) Chrysiliiu IP
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- Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
 (21) 2018226475
- 
- (71) Toyota Motor North America, Inc.  
 (11) AU-A-2019201719  
 (21) 2019201719 (22) 13.03.2019  
 (54) Systems and methods for providing synchronized movements of a powered wheelchair and an exoskeleton  
 (51) Int. Cl.  
*B25J 9/00* ( 2006.01 )  
*A61F 2/70* ( 2006.01 )  
*A61G 5/04* ( 2013.01 )  
*A61H 3/00* ( 2006.01 )  
 (31) 15/920,763 (32) 14.03.18 (33) US

- (43) 03.10.2019  
 (72) MOORE, Douglas A.  
 (74) Spruson & Ferguson
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- (71) Traeger Pellet Grills LLC  
 (11) AU-A-2019201892  
 (21) 2019201892 (22) 19.03.2019  
 (54) GRILL WITH COMPONENT FEED-BACK AND REMOTE MONITORING  
 (51) Int. Cl.  
*A47J 37/06* ( 2006.01 )  
 (31) 62/644,878 (32) 19.03.18 (33) US  
 16/296,081 07.03.19 US  
 (43) 03.10.2019  
 (72) Colston, Michael V.; Sluder, Daniel W.; Altenritter, Daniel A.C.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Triumph IP Pty Ltd  
 (11) AU-A-2019229341  
 (21) 2019229341 (22) 11.09.2019  
 (54) Antiseptic polymer and synthesis thereof  
 (51) Int. Cl.  
*C08F 220/58* ( 2006.01 )  
*A61K 31/74* ( 2006.01 )  
*A61K 47/32* ( 2006.01 )  
*A61L 24/06* ( 2006.01 )  
*A61L 26/00* ( 2006.01 )  
*C08F 220/28* ( 2006.01 )  
*C08F 220/36* ( 2006.01 )  
*C08F 220/56* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2016301103  
 (72) Fathi, Ali; Dehghani, Fariba  
 (74) Shelston IP Pty Ltd.
- 
- (71) TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH  
 (11) AU-A-2019229434  
 (21) 2019229434 (22) 13.09.2019  
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 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12Q 1/68* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )  
 (43) 03.10.2019  
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 (72) Sahin, Ugur; Kreiter, Sebastian; Diken, Mustafa; Diekmann, Jan; Koslowski, Michael; Britten, Cedrik; Castle, John; Löwer, Martin; Renard, Bernhard; Omokoko, Tana; De Graaf, Johannes Hendrikus  
 (74) Phillips Ormonde Fitzpatrick

University of Science and Technology of China see Huawei Technologies Co., Ltd.  
 (21) 2019229381

Applications Open to Public Inspection - Name Index cont'd

(71) Vawdrey Australia Pty. Ltd.  
 (11) AU-A-2019229336  
 (21) 2019229336 (22) 10.09.2019  
 (54) Improvements Relating to Curtain Sided Trucks and Trailers  
 (51) Int. Cl.  
*B60P 7/04* ( 2006.01 )  
*B60J 5/06* ( 2006.01 )  
*B60P 7/02* ( 2006.01 )  
*B62D 33/04* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2016200883  
 (72) Lang, Alastair  
 (74) Walker IP

**Vellanki, S.R.P. see Balusu, R.B.**  
 (21) 2019229384

(71) VIBFEM PTY LTD; Gregory, Z.; Pater, P.  
 (11) AU-A-2018201821  
 (21) 2018201821 (22) 14.03.2018  
 (54) New type of a vibrating screen which will use simultaneously dual frequency and flip-flow type of motion on the same screen. It will create screening action more effective and efficient than currently used screens.  
 (51) Int. Cl.  
*B07B 1/36* ( 2006.01 )  
*B07B 1/46* ( 2006.01 )  
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 (43) 03.10.2019  
 (72) Gregory, Ziggy; Pater, Pawel  
 (74) VIBFEM PTY LTD

(71) View, Inc.  
 (11) AU-A-2019229399  
 (21) 2019229399 (22) 12.09.2019  
 (54) Electrochromic devices  
 (51) Int. Cl.  
*G02F 1/01* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2017202249  
 (72) WANG, Zhongchun; PRADHAN, Anshu; ROZBICKI, Robert  
 (74) Spruson & Ferguson

(71) Visual Physics, LLC  
 (11) AU-A-2019229332  
 (21) 2019229332 (22) 10.09.2019  
 (54) A process for transferring microstructures to a final substrate  
 (51) Int. Cl.  
*B42D 15/00* ( 2006.01 )  
*B44C 1/17* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2017235929  
 (72) Gosnell, Jonathan D.; Jordan, Gregory R.; Kennedy, Caroline B.  
 (74) Shelston IP Pty Ltd.

(71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2019229440  
 (21) 2019229440 (22) 13.09.2019

(54) Truncated leaflet for prosthetic heart valves  
 (51) Int. Cl.  
*A61F 2/24* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2017235949  
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(71) Welch Allyn, Inc.  
 (11) AU-A-2019200420  
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 (54) Compact, energy efficient physiological parameter sensor system  
 (51) Int. Cl.  
*A61B 5/1455* ( 2006.01 )  
 (31) 62/642,819 (32) 14.03.18 (33) US  
 (43) 03.10.2019  
 (72) Wawro, Thaddeus J.  
 (74) Shelston IP Pty Ltd.

(71) WELT BIO-MOLECULAR PHARMACEUTICAL, LLC  
 (11) AU-A-2019229346  
 (21) 2019229346 (22) 11.09.2019  
 (54) ANTIBODIES TARGETING B-CELL RECEPTOR COMPLEX MEMBRANE BOUND IGM AND USES THEREOF  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 51/00* ( 2006.01 )  
*C12P 21/08* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2014357450  
 (72) WELT, Sydney; KOSTYAL, David; WELT, Rachel S.; RAYMOND, Virginia; WELT, Jonathan A.  
 (74) AJ PARK

**Woodford, C.N. see Woodford, N.**  
 (21) 2019201025

(71) Woodford, N.; Woodford, C.N.  
 (11) AU-A-2019201025  
 (21) 2019201025 (22) 14.02.2019  
 (54) A TRUSS  
 (51) Int. Cl.  
*E04B 2/60* ( 2006.01 )  
*E04B 1/18* ( 2006.01 )  
*E04B 2/16* ( 2006.01 )  
*E04B 2/56* ( 2006.01 )  
 (31) 2018900852 (32) 15.03.18 (33) AU  
 (43) 03.10.2019  
 (72) Woodford, Neil; Woodford, Christopher Neil  
 (74) Michael Buck IP

(71) Wright Medical Technology, Inc.  
 (11) AU-A-2019229415  
 (21) 2019229415 (22) 13.09.2019  
 (54) Variable angle cutting guide and method of using the same  
 (51) Int. Cl.

*A61B 17/17* ( 2006.01 )  
*A61B 17/15* ( 2006.01 )  
*A61B 17/16* ( 2006.01 )  
 (43) 03.10.2019  
 (62) 2016427001  
 (72) DHILLON, Brahm K.  
 (74) Spruson & Ferguson

(71) Xinjiang Goldwind Science & Technology Co., Ltd.  
 (11) AU-A-2018374074  
 (21) 2018374074 (22) 01.08.2018  
 (54) Generator module and wind turbine having the same  
 (51) Int. Cl.  
*F03D 9/25* ( 2016.01 )  
 (31) 201810213118.0 (32) 15.03.18 (33) CN  
 (43) 03.10.2019  
 (72) Wu, Qinghu; Wu, Zhanhai; Liu, Yao-song  
 (74) Madderns Pty Ltd

(71) YCS Group, LLC  
 (11) AU-A-2019229375  
 (21) 2019229375 (22) 12.09.2019  
 (54) MANAGING VENDOR OFFERS  
 (51) Int. Cl.  
*G06Q 30/00* ( 2012.01 )  
*G06Q 30/02* ( 2012.01 )  
 (43) 03.10.2019  
 (62) 2013337973  
 (72) Shugart, Sid T.; Dawson, Dawnua M.; Webb, Cecilio  
 (74) Phillips Ormonde Fitzpatrick

(71) Yuan Mei Corp.  
 (11) AU-A-2018201861  
 (21) 2018201861 (22) 15.03.2018  
 (54) Gardening fluid connection device  
 (51) Int. Cl.  
*F16L 37/12* ( 2006.01 )  
 (43) 03.10.2019  
 (72) Lo, Shun-Nan  
 (74) AJ PARK



Numerical Index

2018201750	Spokes, B.	2019229325	FERNO-WASHINGTON, INC.
2018201783	Garvan Institute of Medical Research	2019229327	Essenlix Corp.
2018201794	Adama Australia Pty Ltd	2019229328	Nevro Corporation
2018201821	VIBFEM PTY LTD; Gregory, Z.; Pater, P.	2019229329	Nakaya, H.
2018201839	OTM SPORTS FISHING PTY. LIMITED	2019229331	TNBT Holdings Pty Limited
2018201854	Park, S.H.	2019229332	Visual Physics, LLC
2018201861	Yuan Mei Corp.	2019229334	Intra-Cellular Therapies, Inc.
2018201932	Commonwealth Scientific and Industrial Research Organisation	2019229335	Remendium Labs LLC
2018201952	Green, D.; Green, J.	2019229336	Vawdrey Australia Pty. Ltd.
2018226475	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2019229337	Reading Doctor Pty Ltd
2018232938	PL Group Pty Limited	2019229341	Triumph IP Pty Ltd
2018236863	Beijing Apollo Ding Rong Solar Technology Co., Ltd.	2019229342	Memorial Sloan-Kettering Cancer Center
2018250370	Adobe Inc.	2019229343	Cryptomathic Ltd
2018253637	Adobe Inc.	2019229344	Novomatic AG
2018275013	Palm Nutraceuticals Sdn Bhd	2019229346	WELT BIO-MOLECULAR PHARMACEUTICAL, LLC
2018282287	LG Electronics Inc.	2019229348	Bluebeam Software, Inc.
2018282349	Dr. Ing. h.c.F. Porsche Aktiengesellschaft	2019229349	NanoPhagix LLC
2018282410	Intel Corporation	2019229350	Nokia Solutions and Networks Oy
2018282484	Intel Corporation	2019229351	Nokia Solutions and Networks Oy
2018334390	Komatsu Ltd.	2019229352	HealthTextiles i Sverige AB
2018353937	North China University of Technology	2019229353	CeMM - Forschungszentrum fur Molekulare Medizin GmbH
2018353938	North China University of Technology	2019229354	Ecoplanet Environmental LLC
2018374074	Xinjiang Goldwind Science & Technology Co., Ltd.	2019229359	Battelle Memorial Institute
2018393128	Shenzhen Lanbei Technology Co., Ltd.	2019229361	SOUTHERN INNOVATION INTERNATIONAL PTY LTD
2018405436	GREE Electric Appliances, Inc. of Zhuhai; GREE Electric Appliances (Wuhan) Co., Ltd	2019229363	Cancer Research Technology Limited
2019200084	Adobe Inc.	2019229365	Pindrop Security, Inc.
2019200085	Adobe Inc.	2019229366	Sanofi Biotechnology
2019200217	Hildebrandt, S.	2019229369	Syqe Medical Ltd.
2019200269	Adobe Inc.	2019229370	Syqe Medical Ltd.
2019200420	Welch Allyn, Inc.	2019229375	YCS Group, LLC
2019200908	Biosense Webster (Israel) Ltd.	2019229378	Kraft Foods Group Brands LLC
2019200973	Steel-Line Garage Doors Australia Pty Ltd	2019229380	Novartis AG
2019201025	Woodford, N.; Woodford, C.N.	2019229381	Huawei Technologies Co., Ltd.; University of Science and Technology of China
2019201032	Covidien LP	2019229383	Crystal World Holdings, Inc.
2019201059	Covidien LP	2019229384	Balusu, R.B.; Vellanki, S.R.P.; Pilli, R.; Mitchanagatla, K.
2019201120	IGT	2019229388	Hippware, Inc.
2019201139	DE VILLIERS, M.W.	2019229390	IsoLynx, LLC
2019201152	Daon Holdings Limited	2019229392	Isolynx, LLC
2019201181	Maytronics Ltd	2019229393	MORRIS, C.
2019201283	Fujikura Ltd.	2019229394	MedImmune, LLC
2019201289	Biosense Webster (Israel) Ltd.	2019229396	SWIMC LLC
2019201326	Honeywell International Inc.	2019229397	The Trustees of the University of Pennsylvania
2019201473	Kimura Kohki Co., Ltd.	2019229398	Pharmacyclics LLC
2019201632	Accenture Global Solutions Limited	2019229399	View, Inc.
2019201638	TNA Australia Pty Limited	2019229401	Duracell U.S. Operations, Inc.
2019201647	EXEL Industries	2019229404	Datamars SA
2019201662	LEPPENS, A.	2019229407	Boehringer Ingelheim Animal Health USA Inc
2019201663	Tata Consultancy Services Limited	2019229409	Dow AgroSciences LLC
2019201666	Shenstone Design Pty Ltd	2019229412	Bascom, B.
2019201719	Toyota Motor North America, Inc.	2019229413	Fuji Xerox Co., Ltd.
2019201723	ALSTOM Transport Technologies	2019229415	Wright Medical Technology, Inc.
2019201764	Illinois Tool Works Inc.	2019229416	Noramco, Inc.
2019201767	Monteleone, G.	2019229419	Controlabill Pty Ltd
2019201769	Littelfuse, Inc.	2019229420	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2019201770	Littelfuse, Inc.	2019229423	AccessClosure, Inc.
2019201775	STUDCO AUSTRALIA PTY LTD	2019229424	MedImmune Limited
2019201812	Ainsworth Game Technology Limited	2019229425	F & J Attard & Sons Pty Ltd
2019201892	Traeger Pellet Grills LLC	2019229429	Access Closure, Inc.
2019201899	Jabella Trading Pty Ltd	2019229432	Hitachi Construction Machinery Co., Ltd.
2019203392	Apple Inc.	2019229433	The Procter & Gamble Company
2019204198	The Boots Company plc	2019229434	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH
2019219855	Fisher & Paykel Healthcare Limited	2019229435	Swirls, Inc.
2019222796	Fisher & Paykel Healthcare Limited		
2019229323	Sew-N-Sew Pty Ltd		
2019229324	Impossible Foods Inc.		

## Applications Open to Public Inspection - Numerical Index cont'd

2019229436 Sony Corporation  
2019229437 Swirls, Inc.  
2019229438 Fred Hutchinson Cancer Research Center  
2019229440 W. L. Gore & Associates, Inc.  
2019229441 Avent, Inc.  
2019229442 Avent, Inc.  
2019229443 Costas, E.  
2019229444 Elixigen, LLC  
2019229446 Square, Inc  
2019229448 Revivicor Inc  
2019229449 Mastercard International Incorporated  
2019229450 Microsoft Technology Licensing, LLC  
2019229453 Nasdaq Technology AB  
2019229454 Stryker Corporation  
2019229463 SUMITOMO CHEMICAL COMPANY, LIMITED; RIKEN  
2019229465 Stryker Corporation  
2019229467 President and Fellows of Harvard College; Children's  
Medical Center Corporation  
2019232767 Landmark Graphics Corporation  
2019232774 KABUSHIKI KAISHA TOSHIBA  
2019232775 Blackhawk Network, Inc.  
2019232776 Nasdaq Technology AB  
2019232777 Innocorp, Ltd.  
2019232778 Massachusetts Institute of Technology  
2019232807 Niagara Bottling, LLC

IPC Index

<b><u>A01G 25 /-</u></b> 2019201139	<b><u>A61B 17 /-</u></b> 2019201032 2019201059 2019229415	<b><u>A61K 47 /-</u></b> 2019229341	<b><u>A61P 35 /-</u></b> 2019229363 2019229380 2019229394	<b><u>B32B 7 /-</u></b> 2018236863	<b><u>C07D 491 /-</u></b> 2019229349
<b><u>A01H 5 /-</u></b> 2018201932	2019229429 2019229465	<b><u>A61K 48 /-</u></b> 2019229444	2019229398 2019229434 2019229467	<b><u>B42D 15 /-</u></b> 2019229332	<b><u>C07D 493 /-</u></b> 2019229407
<b><u>A01K 3 /-</u></b> 2019229404	<b><u>A61B 18 /-</u></b> 2019200908	<b><u>A61K 51 /-</u></b> 2019229346	<b><u>A61P 7 /-</u></b> 2019229467	<b><u>B42D 17 /-</u></b> 2019229443	<b><u>C07F 9 /-</u></b> 2019229384
<b><u>A01K 67 /-</u></b> 2019229448	<b><u>A61B 34 /-</u></b> 2019229454	<b><u>A61K 8 /-</u></b> 2019204198	<b><u>A61Q 19 /-</u></b> 2019204198	<b><u>B44C 1 /-</u></b> 2019229332	<b><u>C07H 15 /-</u></b> 2019229354
<b><u>A01K 69 /-</u></b> 2019200217	<b><u>A61B 5 /-</u></b> 2019200420 2019201289 2019229352	<b><u>A61L 24 /-</u></b> 2019229341	<b><u>A62B 7 /-</u></b> 2019219855 2019222796	<b><u>B60J 1 /-</u></b> 2019229425	<b><u>C07H 17 /-</u></b> 2019229354
<b><u>A01K 75 /-</u></b> 2019200217	<b><u>A61B 50 /-</u></b> 2019229325	<b><u>A61L 26 /-</u></b> 2019229341	<b><u>A63F 13 /-</u></b> 2019201120	<b><u>B60J 5 /-</u></b> 2019229336 2019229425	<b><u>C07H 21 /-</u></b> 2019229397
<b><u>A01K 85 /-</u></b> 2018201839	<b><u>A61B 90 /-</u></b> 2019201032	<b><u>A61L 27 /-</u></b> 2019229463	<b><u>B01D 21 /-</u></b> 2019201663	<b><u>B60L 53 /-</u></b> 2018282349	<b><u>C07K 14 /-</u></b> 2019229353 2019229397 2019229424 2019229438 2019232778
<b><u>A01M 21 /-</u></b> 2019201647	<b><u>A61C 13 /-</u></b> 2019229393	<b><u>A61M 11 /-</u></b> 2019229369 2019229370	<b><u>B01D 45 /-</u></b> 2019201663	<b><u>B60P 7 /-</u></b> 2019229336	<b><u>C07K 16 /-</u></b> 2019229346 2019229366 2019229394 2019229438
<b><u>A01N 25 /-</u></b> 2018201794	<b><u>A61C 8 /-</u></b> 2019229393	<b><u>A61M 13 /-</u></b> 2019219855 2019222796	<b><u>B03B 5 /-</u></b> 2019201663	<b><u>B60R 11 /-</u></b> 2019229325	<b><u>C08F 220 /-</u></b> 2019229341
<b><u>A01N 39 /-</u></b> 2018201794	<b><u>A61F 2 /-</u></b> 2019201719 2019229335 2019229440	<b><u>A61M 15 /-</u></b> 2019229369 2019229370	<b><u>B07B 1 /-</u></b> 2018201821	<b><u>B62D 33 /-</u></b> 2019229336	
<b><u>A01N 43 /-</u></b> 2019229409	<b><u>A61G 13 /-</u></b> 2019229454	<b><u>A61M 16 /-</u></b> 2019219855 2019222796 2019229369	<b><u>B07B 9 /-</u></b> 2018201821	<b><u>B63B 59 /-</u></b> 2019201662	
<b><u>A01P 13 /-</u></b> 2018201794	<b><u>A61G 5 /-</u></b> 2019201719	<b><u>A61M 21 /-</u></b> 2019232777	<b><u>B25G 1 /-</u></b> 2019229396	<b><u>B65B 51 /-</u></b> 2019201638	<b><u>C12N 15 /-</u></b> 2018201932 2019229420 2019229444 2019229448
<b><u>A23D 9 /-</u></b> 2018201932	<b><u>A61H 3 /-</u></b> 2019201719	<b><u>A61M 25 /-</u></b> 2019200908	<b><u>B25G 3 /-</u></b> 2019229396	<b><u>B65B 9 /-</u></b> 2019201638	
<b><u>A23L 19 /-</u></b> 2019229324	<b><u>A61K 31 /-</u></b> 2019229341 2019229349 2019229380 2019229384 2019229398 2019229407 2019229444	<b><u>A61M 31 /-</u></b> 2019229423	<b><u>B25H 3 /-</u></b> 2019229325	<b><u>B65D 25 /-</u></b> 2019229378	<b><u>C12N 5 /-</u></b> 2019229342 2019229448 2019229463 2019229467
<b><u>A24F 47 /-</u></b> 2019229369 2019229370	<b><u>A61K 35 /-</u></b> 2019229342 2019229438 2019229463 2019229467	<b><u>A61M 37 /-</u></b> 2019229423	<b><u>B25J 9 /-</u></b> 2019201719	<b><u>B65D 77 /-</u></b> 2019229378	
<b><u>A41D 1 /-</u></b> 2018201854	<b><u>A61K 38 /-</u></b> 2019229363 2019229424 2019229438	<b><u>A61M 39 /-</u></b> 2019219855 2019222796	<b><u>B29B 11 /-</u></b> 2019232807	<b><u>B66F 11 /-</u></b> 2019201899	<b><u>C12P 21 /-</u></b> 2019229346
<b><u>A45C 13 /-</u></b> 2019229325	<b><u>A61K 39 /-</u></b> 2019229346 2019229353 2019229366 2019229380 2019229434	<b><u>A61M 5 /-</u></b> 2019229423	<b><u>B32B 17 /-</u></b> 2018236863	<b><u>B82Y 10 /-</u></b> 2018282410 2018282484	<b><u>C12P 7 /-</u></b> 2019229354
<b><u>A47B 47 /-</u></b> 2019201767	<b><u>A61K 39 /-</u></b> 2019229346 2019229353 2019229366 2019229380 2019229434	<b><u>A61N 1 /-</u></b> 2019229328 2019229441 2019229442	<b><u>B32B 27 /-</u></b> 2018236863 2019219855 2019222796	<b><u>C07C 231 /-</u></b> 2019229433	<b><u>C12Q 1 /-</u></b> 2019229353 2019229424 2019229434
<b><u>A47B 81 /-</u></b> 2018232938	<b><u>A61K 39 /-</u></b> 2019229346 2019229353 2019229366 2019229380 2019229434	<b><u>A61N 1 /-</u></b> 2019229328 2019229441 2019229442	<b><u>B32B 3 /-</u></b> 2019219855 2019222796	<b><u>C07C 269 /-</u></b> 2019229433	<b><u>C25C 1 /-</u></b> 2018353938
<b><u>A47B 88 /-</u></b> 2019201767	<b><u>A61K 39 /-</u></b> 2019229346 2019229353 2019229366 2019229380 2019229434	<b><u>A61P 3 /-</u></b> 2019229366	<b><u>B32B 33 /-</u></b> 2018236863	<b><u>C07C 65 /-</u></b> 2018201794	<b><u>C25C 7 /-</u></b> 2018353938
<b><u>A47H 1 /-</u></b> 2019201666	<b><u>A61K 39 /-</u></b> 2019229346 2019229353 2019229366 2019229380 2019229434	<b><u>A61P 31 /-</u></b> 2019229384	<b><u>B32B 37 /-</u></b> 2018236863	<b><u>C07D 213 /-</u></b> 2019229409	<b><u>E02F 9 /-</u></b> 2018334390
<b><u>A47J 37 /-</u></b> 2019201892	<b><u>A61K 39 /-</u></b> 2019229346 2019229353 2019229366 2019229380 2019229434	<b><u>A61P 33 /-</u></b> 2019229407	<b><u>B32B 5 /-</u></b> 2019219855 2019222796	<b><u>C07D 311 /-</u></b> 2018275013 2019229416	<b><u>E04B 1 /-</u></b> 2019201025
<b><u>A47L 15 /-</u></b> 2019201764				<b><u>C07D 471 /-</u></b> 2019229334	<b><u>E04B 2 /-</u></b> 2019201025

Applications Open to Public Inspection - IPC Index cont'd

2019201775	<u><b>G01N 33 /-</b></u>	2019229348	<u><b>H02H 3 /-</b></u>
<u><b>E04B 9 /-</b></u>	2019229327	2019229392	2019201769
2019201775	2019229434	<u><b>G06N 10 /-</b></u>	2019201770
		2018282484	
<u><b>E04F 11 /-</b></u>	<u><b>G01R 31 /-</b></u>	<u><b>G06Q 10 /-</b></u>	<u><b>H02J 50 /-</b></u>
2018201750	2018353937	2018226475	2019201181
2019229323		2018253637	
	<u><b>G01T 1 /-</b></u>	2019201632	<u><b>H02J 7 /-</b></u>
<u><b>E04G 21 /-</b></u>	2019229361		2018282349
2018201952		<u><b>G06Q 20 /-</b></u>	2019229401
	<u><b>G02B 5 /-</b></u>	2018393128	
<u><b>E04G 27 /-</b></u>	2019232777	2019229449	<u><b>H03K 5 /-</b></u>
2018201952		2019232775	2019229361
	<u><b>G02B 6 /-</b></u>		
<u><b>E04G 5 /-</b></u>	2019201283	<u><b>G06Q 30 /-</b></u>	<u><b>H04K 3 /-</b></u>
2018201952		2019200084	2019229359
2019201899	<u><b>G02C 7 /-</b></u>	2019229375	
	2019232777	2019229419	<u><b>H04L 29 /-</b></u>
<u><b>E04H 17 /-</b></u>	<u><b>G02F 1 /-</b></u>	2019229446	2019229343
2019229404	2019229399		
	<u><b>G05D 1 /-</b></u>	<u><b>G06Q 40 /-</b></u>	<u><b>H04M 1 /-</b></u>
<u><b>E04H 4 /-</b></u>	2018334390	2019229383	2019229343
2019201181		2019232776	
	<u><b>G06F 12 /-</b></u>	<u><b>G06Q 50 /-</b></u>	<u><b>H04M 3 /-</b></u>
<u><b>E05B 63 /-</b></u>	2019229435	2018226475	2019229365
2019229331	2019229437	2019229352	
	<u><b>G06F 15 /-</b></u>	2019229432	<u><b>H04N 19 /-</b></u>
<u><b>E05B 65 /-</b></u>	2019229388	<u><b>G06T 5 /-</b></u>	2019229381
2019229331		2019200269	2019232774
	<u><b>G06F 16 /-</b></u>	<u><b>G06T 7 /-</b></u>	<u><b>H04N 7 /-</b></u>
<u><b>E05D 15 /-</b></u>	2019200084	2019229392	2019229390
2019200973	2019201632		
	2019229435	<u><b>G07F 17 /-</b></u>	<u><b>H04W 12 /-</b></u>
<u><b>E06B 3 /-</b></u>	2019229437	2019201120	2019229343
2019200973		2019201812	
	<u><b>G06F 17 /-</b></u>	2019229344	<u><b>H04W 52 /-</b></u>
<u><b>E06B 9 /-</b></u>	2019200085	<u><b>G07F 7 /-</b></u>	2019229436
2019201666	2019201632	2019229449	
	2019201812	<u><b>G08B 21 /-</b></u>	<u><b>H04W 72 /-</b></u>
<u><b>F03D 9 /-</b></u>	<u><b>G06F 19 /-</b></u>	2019229352	2019229350
2018374074	2019232767	<u><b>G09B 5 /-</b></u>	2019229351
	<u><b>G06F 21 /-</b></u>	2019229337	<u><b>H04W 8 /-</b></u>
<u><b>F16L 11 /-</b></u>	2019229343	<u><b>G09B 7 /-</b></u>	2019229436
2019201139	2019229365	2019229337	
	2019229453	<u><b>G10L 15 /-</b></u>	<u><b>H04W 84 /-</b></u>
<u><b>F16L 25 /-</b></u>	<u><b>G06F 3 /-</b></u>	2019203392	2019229436
2019201139	2019203392	<u><b>G16B 45 /-</b></u>	
	2019229413	2018201783	
<u><b>F16L 37 /-</b></u>	2019229435	<u><b>H01L 23 /-</b></u>	<u><b>No IPC Mark</b></u>
2018201861	2019229437	2019201723	
	2019232776	<u><b>H01L 31 /-</b></u>	
<u><b>F16L 43 /-</b></u>	<u><b>G06F 7 /-</b></u>	2018236863	
2019201139	2019229435	<u><b>H01L 35 /-</b></u>	
	2019229437	2019229329	
<u><b>F24F 1 /-</b></u>	2019229437	<u><b>H01L 51 /-</b></u>	
2019201473	2019232776	2019229329	
	<u><b>G06F 8 /-</b></u>	<u><b>H01M 10 /-</b></u>	
<u><b>F24F 13 /-</b></u>	2019229435	2019229401	
2018405436	2019229437		
	<u><b>G06F 9 /-</b></u>		
<u><b>F25D 25 /-</b></u>	2019229435		
2018282287	2019229437		
	<u><b>G06F 8 /-</b></u>		
<u><b>F41A 19 /-</b></u>	2018253637		
2019229412			
	<u><b>G06F 9 /-</b></u>		
<u><b>F41A 33 /-</b></u>	2019229435		
2019229412	2019229437		
	2019229450		
<u><b>F41C 3 /-</b></u>	<u><b>G06K 9 /-</b></u>		
2019229412	2018250370		
	2019201152		
<u><b>G01F 1 /-</b></u>			
2019201326			

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**Name Index**

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

<p>(71) 1IC GLOBAL PTY LTD                      (11) AU-A-2019100950                      (21) 2019100950 (22) 23.08.2019                      (54) Compressed Carbon Dioxide Nitrogen Foam System                      (51) Int. Cl.                      A62C 5/02 ( 2006.01 )                      A62D 1/00 ( 2006.01 )                      (45) 03.10.2019                      (72) Draganoff, Matthew; Draganoff, Amanda                      (74) 1IC GLOBAL PTY LTD</p>	<p>A61P 33/14 ( 2006.01 )                      A61P 35/00 ( 2006.01 )                      A61Q 5/02 ( 2006.01 )                      A61Q 11/00 ( 2006.01 )                      (31) 2019902275 (32) 28.06.19 (33) AU                      2019902106 18.06.19 AU                      (45) 03.10.2019                      (72) Sharifi, Mohammad Sharif                      (74) Australian Food and Pharmaceutical Industries</p>	<p>(45) 03.10.2019                      (62) PCT/TH2017/000071                      (72) Chalitaporn, Suebphong; Kradang-Nga, Sittichot                      (74) Madderns Pty Ltd</p>
<p>(71) A &amp; J AUSTRALIA PTY LTD                      (11) AU-A-2019100923                      (21) 2019100923 (22) 16.08.2019                      (54) A MULTI-OPTIONAL LIFTING CONTAINER                      (51) Int. Cl.                      B65D 25/28 ( 2006.01 )                      B65D 1/40 ( 2006.01 )                      (45) 03.10.2019                      (72) SHELLIS, Chris; YU, Andrew                      (74) Baxter Patent Attorneys Pty Ltd</p>	<p>(71) Better Home Products (ZheJiang) Co., Ltd.                      (11) AU-A-2019100955                      (21) 2019100955 (22) 26.08.2019                      (54) HAND-HELD CLOTHES AIRING DEVICE                      (51) Int. Cl.                      D06F 57/04 ( 2006.01 )                      D06F 57/08 ( 2006.01 )                      (31) 201921102472.2 (32) 15.07.19 (33) CN                      (45) 03.10.2019                      (72) MAO, Chungeng; JIN, Chaobo; ZHANG, Qiaoling; SHEN, Chao                      (74) Baxter Patent Attorneys Pty Ltd</p>	<p>(71) China University of Mining and Technology, Beijing                      (11) AU-A-2019100964                      (21) 2019100964 (22) 29.08.2019                      (54) AUTOMATIC COAL DRAWING CONTROL SYSTEM AND METHOD BASED ON RFID                      (51) Int. Cl.                      E21D 23/12 ( 2006.01 )                      E21C 41/16 ( 2006.01 )                      (31) 201910514227.0 (32) 14.06.19 (33) CN                      (45) 03.10.2019                      (72) PAN, Weidong; LI, Xinyuan; ZHAO, Wang; LI, Zhen; WU, Pengfei                      (74) Burns IP &amp; Commercial Pty Ltd</p>
<p>(71) A &amp; J AUSTRALIA PTY LTD                      (11) AU-A-2019100980                      (21) 2019100980 (22) 30.08.2019                      (54) ANTI-GLUG FUNNEL                      (51) Int. Cl.                      B67C 11/02 ( 2006.01 )                      B65D 47/06 ( 2006.01 )                      (45) 03.10.2019                      (72) YU, Andrew; SHELLIS, Chris                      (74) Baxter Patent Attorneys Pty Ltd</p>	<p>(71) Burton, C.; Robey, C.                      (11) AU-A-2019100965                      (21) 2019100965 (22) 29.08.2019                      (54) Hazard warning apparatus, system and method                      (51) Int. Cl.                      G08B 21/02 ( 2006.01 )                      B60R 22/48 ( 2006.01 )                      G08B 21/00 ( 2006.01 )                      (45) 03.10.2019                      (62) 2019201502                      (72) Burton, Carolyn; Robey, Christine                      (74) LEGALVISION ILP PTY. LTD.</p>	<p>(71) China University of Mining and Technology, Beijing                      (11) AU-A-2019100966                      (21) 2019100966 (22) 29.08.2019                      (54) AUTOMATIC COAL DRAWING CONTROL SYSTEM AND METHOD                      (51) Int. Cl.                      E21D 23/12 ( 2006.01 )                      E21C 41/16 ( 2006.01 )                      (31) 201910225624.6 (32) 25.03.19 (33) CN                      (45) 03.10.2019                      (72) PAN, Weidong; LI, Xinyuan; ZHANG, Jinwang; ZHAO, Wang                      (74) Burns IP &amp; Commercial Pty Ltd</p>
<p>(71) Australian Food and Pharmaceutical Industries                      (11) AU-A-2019100951                      (21) 2019100951 (22) 25.08.2019                      (54) ANTI MICROBIAL/PROBIOTICS/FUNCTIONAL/MEDICINAL CHEWING GUM WITH PLANT BASED GUM BASE                      (51) Int. Cl.                      A23G 4/08 ( 2006.01 )                      A61K 8/92 ( 2006.01 )                      A61K 9/08 ( 2006.01 )                      A61K 9/68 ( 2006.01 )                      A61K 9/70 ( 2006.01 )                      A61K 31/01 ( 2006.01 )                      A61K 31/75 ( 2006.01 )                      A61K 35/741 ( 2015.01 )                      A61K 47/26 ( 2006.01 )                      A61P 3/06 ( 2006.01 )                      A61P 13/12 ( 2006.01 )                      A61P 31/04 ( 2006.01 )                      A61P 31/12 ( 2006.01 )</p>	<p>(71) Cerezo Diaz, M.                      (11) AU-A-2019100952                      (21) 2019100952 (22) 25.08.2019                      (54) Rotative fin plug set for surfboards.                      (51) Int. Cl.                      B63B 35/79 ( 2006.01 )                      (45) 03.10.2019                      (72) Cerezo Diaz, Miguel Angel                      (74) Miguel Angel Cerezo Diaz</p>	<p>(71) croft infrastructure design pty ltd                      (11) AU-A-2019100917                      (21) 2019100917 (22) 16.08.2019                      (54) Connecting the NEL to Eastern Freeway                      (51) Int. Cl.                      E01C 1/00 ( 2006.01 )                      (31) 2018903014 (32) 16.08.18 (33) AU                      (45) 03.10.2019                      (72) Croft, Terry Fortescue                      (74) Terry Fortescue Croft</p>
<p>(71) Australian Food and Pharmaceutical Industries                      (11) AU-A-2019100954                      (21) 2019100954 (22) 26.08.2019                      (54) A SYSTEM FOR GENERATING AND SUPPLYING HYDROGEN GAS TO AN INTERNAL COMBUSTION ENGINE                      (51) Int. Cl.                      F02M 25/12 ( 2006.01 )                      G01F 23/02 ( 2006.01 )</p>	<p>(71) Chalitaporn, S.                      (11) AU-A-2019100954                      (21) 2019100954 (22) 26.08.2019                      (54) A SYSTEM FOR GENERATING AND SUPPLYING HYDROGEN GAS TO AN INTERNAL COMBUSTION ENGINE                      (51) Int. Cl.                      F02M 25/12 ( 2006.01 )                      G01F 23/02 ( 2006.01 )</p>	<p>(71) Croft Infrastructure Designs Pty Ltd                      (11) AU-A-2019100921                      (21) 2019100921 (22) 16.08.2019                      (54) Improved North East Link                      (51) Int. Cl.                      E01C 1/00 ( 2006.01 )                      (31) 2018903013 (32) 16.08.18 (33) AU                      (45) 03.10.2019                      (72) Croft, Terry                      (74) Terry Fortescue Croft</p>

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(71) Elgra Engineering Pty Ltd

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(51) Int. Cl.

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*E21B 19/00* ( 2006.01 )

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*G06F 17/22* ( 2006.01 )

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*G01S 17/00* ( 2006.01 )

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*E03B 9/16* ( 2006.01 )

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*E04B 1/343* ( 2006.01 )

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*E21C 35/22* ( 2006.01 )

*B08B 5/04* ( 2006.01 )

*B60P 3/42* ( 2006.01 )

*E02F 9/24* ( 2006.01 )

*E21D 9/12* ( 2006.01 )

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*A47G 25/06* ( 2006.01 )

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*G08B 21/02* ( 2006.01 )  
*B60R 21/01* ( 2006.01 )  
*G01R 31/382* ( 2019.01 )  
*G08B 21/22* ( 2006.01 )  
*G08C 17/02* ( 2006.01 )  
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LV, Y. see DONG, J.

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*G06Q 20/38* ( 2012.01 )  
*H04W 12/06* ( 2009.01 )  
 (31) 62/063,321 (32) 13.10.14 (33) US  
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 (74) FPA Patent Attorneys Pty Ltd

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ganic oil fragrances for different scents to repel the insects, spiders and many more including Vanilla Watermelon & Wild Apple Coconut & Kaffir Limit Lavender Peppermint & Tea Tree Sweet Rose Lemon Myrtle Frangipani Aloe Vera Pina Colada Spearmint Citonella

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*A47J 44/00* ( 2006.01 )  
*B01F 7/16* ( 2006.01 )  
 (31) 2013903722 (32) 26.09.13 (33) AU

- (45) 03.10.2019  
 (72) O'LOUGHLIN, Nick; GUYATT, Maxim; TOFAILI, Alex; SUE, Justin; WHITCOMBE, Mark; CHAN, Andrew  
 (74) FPA Patent Attorneys Pty Ltd

- (71) Taylor, M.  
 (11) AU-A-2017101860  
 (21) 2017101860 (22) 30.05.2017  
 (54) Insulation production and installation methods and assemblies  
 (51) Int. Cl.  
*F16L 59/02* ( 2006.01 )  
*F16L 59/08* ( 2006.01 )  
*F16L 59/10* ( 2006.01 )  
*F16L 59/14* ( 2006.01 )  
*F16L 59/18* ( 2006.01 )  
*F16L 59/22* ( 2006.01 )  
 (31) 2017900582 (32) 22.02.17 (33) AU  
 (45) 03.10.2019  
 (72) Taylor, Mark Illingworth; Hovels, Pieter  
 (74) Adams Pluck

- (71) TERLICK, G.  
 (11) AU-A-2019100960  
 (21) 2019100960 (22) 27.08.2019  
 (54) A Tugboat is a marine vessel used for towing or berthing much larger vessels (ships), working in very close proximity. Depending on weather and vessel shape, the Tugboat Skipper may not always have full view of the closest point of his Tugboat to the ship (this may be above the bridge and out of site). Collisions of tugboat infrastructure with the ship can and do occur. This invention will assist in minimising the risk of collision by providing the Tugboat Skipper with warning of the ship's distance from the Tugboat's closest point of contact. This invention excludes the Tugboat bow.

- (51) Int. Cl.  
*B63B 45/08* ( 2006.01 )  
*B63B 35/66* ( 2006.01 )  
*G01S 13/93* ( 2006.01 )  
 (45) 03.10.2019  
 (72) TERLICK, GLEN  
 (74) GLEN TERLICK

- (71) Tjandra, S.  
 (11) AU-A-2019100956  
 (21) 2019100956 (22) 26.08.2019  
 (54) Method of fitting an electrical switch module into a switch panel  
 (51) Int. Cl.  
*H01R 13/514* ( 2006.01 )  
*H01R 4/28* ( 2006.01 )  
*H01R 13/42* ( 2006.01 )

- (45) 03.10.2019  
 (72) Tjandra, Silvester; Tham, Beng Yiem  
 (74) Foshan Lumos Lighting Co., Ltd

- (71) UNIPHARM HEALTHY MANUFACTURING CO. LIMITED  
 (11) AU-A-2019100970  
 (21) 2019100970 (22) 29.08.2019

## Innovation Patents Open to Public Inspection - Name Index cont'd

(54) Composition containing lactoferrin and sialic acid, preparation method and use thereof

(51) Int. Cl.

**A23L 33/19** ( 2016.01 )

**A23L 29/231** ( 2016.01 )

**A23L 29/238** ( 2016.01 )

**A23L 29/244** ( 2016.01 )

**A23L 29/256** ( 2016.01 )

**A23L 29/269** ( 2016.01 )

**A23L 29/30** ( 2016.01 )

**A23L 33/00** ( 2016.01 )

**A23L 33/10** ( 2016.01 )

(45) 03.10.2019

(72) Yang, Yanyu; Zhou, Zhenglai

(74) Ethan Martin

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(71) UNIPHARM HEALTHY MANUFACTURING CO. LIMITED

(11) AU-A-2019100971

(21) 2019100971 (22) 29.08.2019

(54) Lactoferrin and sialic acid-modulated milk powder and preparation method thereof

(51) Int. Cl.

**A23C 9/152** ( 2006.01 )

**A23C 9/154** ( 2006.01 )

**A23C 9/158** ( 2006.01 )

**A23L 33/00** ( 2016.01 )

(45) 03.10.2019

(72) Yang, Yanyu; Zhou, Zhenglai

(74) Ethan Martin

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**WANG, Z. see DONG, J.**

(21) 2019100969

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(71) ZHOU, S.; JIANG, F.; JIN, H.

(11) AU-A-2019100967

(21) 2019100967 (22) 29.08.2019

(54) An environment perception system for unmanned driving vehicles based on deep learning

(51) Int. Cl.

**G06K 9/66** ( 2006.01 )

**G05D 1/02** ( 2006.01 )

(45) 03.10.2019

(72) ZHOU, SHIWEN; JIANG, FUMING; JIN, HUIFENG

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<b>2019100921</b>	Croft Infrastructure Designs Pty Ltd
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<b>2019100956</b>	Tjandra, S.
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<b>2019100960</b>	TERLICK, G.
<b>2019100961</b>	reichman, j.
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<b>2019100973</b>	Maxtrax Australia Pty Ltd
<b>2019100974</b>	J & J Vac Pty Ltd
<b>2019100975</b>	Glidestore Freetrack Pty Ltd
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<b>2019100979</b>	Lawson, C.
<b>2019100980</b>	A & J AUSTRALIA PTY LTD

IPC Index

<b><u>A01N 65 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>B65D 25 /-</u></b>	<b><u>E21D 23 /-</u></b>	<b><u>G06N 3 /-</u></b>
2019100944	2019100951	2019100923	2019100964	2019100969
<b><u>A23C 9 /-</u></b>	<b><u>A61P 33 /-</u></b>	<b><u>B65D 47 /-</u></b>	2019100966	<b><u>G06Q 10 /-</u></b>
2019100971	2019100951	2019100980	<b><u>E21D 9 /-</u></b>	2019100962
<b><u>A23G 4 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B67C 11 /-</u></b>	2019100974	<b><u>G06Q 20 /-</u></b>
2019100951	2019100951	2019100980	<b><u>E21F 5 /-</u></b>	2015101967
<b><u>A23L 29 /-</u></b>	<b><u>A61Q 11 /-</u></b>	<b><u>C07C 269 /-</u></b>	2019100974	<b><u>G06Q 90 /-</u></b>
2019100970	2019100951	2018102140	<b><u>F02M 25 /-</u></b>	2019100978
<b><u>A23L 33 /-</u></b>	<b><u>A61Q 5 /-</u></b>	<b><u>C07C 271 /-</u></b>	2019100954	<b><u>G08B 21 /-</u></b>
2019100970	2019100951	2018102140	<b><u>F16B 13 /-</u></b>	2019100958
2019100971	<b><u>A62C 35 /-</u></b>	<b><u>C07D 487 /-</u></b>	2017101859	2019100965
<b><u>A47G 25 /-</u></b>	2019100928	2018102141	<b><u>F16B 37 /-</u></b>	<b><u>G08C 17 /-</u></b>
2019100979	<b><u>A62C 5 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2017101859	2019100958
<b><u>A47G 9 /-</u></b>	2019100950	2019100972	<b><u>F16B 39 /-</u></b>	<b><u>G09B 5 /-</u></b>
2019100963	<b><u>A62D 1 /-</u></b>	<b><u>D06F 53 /-</u></b>	2017101859	2018102139
<b><u>A47J 43 /-</u></b>	2019100950	2019100979	<b><u>F16L 59 /-</u></b>	<b><u>H01R 13 /-</u></b>
2014101657	<b><u>B01F 7 /-</u></b>	<b><u>D06F 57 /-</u></b>	2017101860	2019100956
<b><u>A47J 44 /-</u></b>	2014101657	2019100955	<b><u>G01F 23 /-</u></b>	<b><u>H01R 4 /-</u></b>
2014101657	<b><u>B08B 5 /-</u></b>	<b><u>E01C 1 /-</u></b>	2019100954	2019100956
<b><u>A47K 10 /-</u></b>	2019100974	2019100917	<b><u>G01R 31 /-</u></b>	<b><u>H02J 7 /-</u></b>
2019100963	<b><u>B60B 39 /-</u></b>	2019100921	2019100958	2019100958
2019100979	2019100973	<b><u>E02F 9 /-</u></b>	<b><u>G01S 13 /-</u></b>	<b><u>H04W 12 /-</u></b>
<b><u>A61K 31 /-</u></b>	<b><u>B60H 3 /-</u></b>	2019100974	2019100960	2015101967
2019100951	2019100944	<b><u>E03B 9 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>H04W 4 /-</u></b>
<b><u>A61K 35 /-</u></b>	<b><u>B60P 3 /-</u></b>	2019100928	2019100975	2019100961
2019100951	2019100974	<b><u>E04B 1 /-</u></b>	<b><u>G01S 7 /-</u></b>	<b><u>No IPC Mark</u></b>
<b><u>A61K 47 /-</u></b>	<b><u>B60R 21 /-</u></b>	2019100959	2019100975	
2019100951	2019100958	<b><u>E04H 1 /-</u></b>	<b><u>G05D 1 /-</u></b>	
<b><u>A61K 8 /-</u></b>	<b><u>B60R 22 /-</u></b>	2019100959	2019100967	
2019100951	2019100965	<b><u>E04H 17 /-</u></b>	<b><u>G06F 16 /-</u></b>	
<b><u>A61K 9 /-</u></b>	<b><u>B63B 35 /-</u></b>	2019100957	2019100978	
2019100951	2019100952	<b><u>E21B 19 /-</u></b>	<b><u>G06F 17 /-</u></b>	
<b><u>A61P 13 /-</u></b>	2019100960	2019100957	2019100978	
2019100951	<b><u>B63B 45 /-</u></b>	<b><u>E21C 35 /-</u></b>	<b><u>G06K 9 /-</u></b>	
<b><u>A61P 3 /-</u></b>	2019100960	2019100974	2019100967	
2019100951	<b><u>B65D 1 /-</u></b>	<b><u>E21C 41 /-</u></b>	2019100969	
	2019100923	2019100964		
		2019100966		

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Name Index

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

<p>(71) 1414 Degrees Limited (11) AU-A-2018239960 (21) 2018239960 (22) 23.03.2018 (54) Energy storage and retrieval system (51) Int. Cl. <i>F28D 20/02</i> ( 2006.01 ) <i>C09K 5/06</i> ( 2006.01 ) (87) WO2018/170533 (31) 2017901040 (32) 23.03.17 (33) AU (43) 27.09.2018 (72) Johnson, Matthew; Whalley, Johnson; Levinson, Nathan; Taylor, Chad (74) Madderns Pty Ltd</p>	<p>(31) 62/471,664 (32) 15.03.17 (33) US (43) 20.09.2018 (72) Kimrey Jr., Harold Dail (74) Baldwins Intellectual Property</p>	<p>(54) (+)-alpha dihydrotetrabenazine succinate salt (51) Int. Cl. <i>C07D 455/06</i> ( 2006.01 ) <i>A61K 31/4353</i> ( 2006.01 ) <i>C07D 471/04</i> ( 2006.01 ) (87) WO2018/178251 (31) 1705303.4 (32) 01.04.17 (33) GB (43) 04.10.2018 (72) Duffield, Andrew John; Pandya, Anant (74) AJ Pietras IP Limited</p>
<p>(71) 3278470 Nova Scotia Limited (11) AU-A-2018232037 (21) 2018232037 (22) 07.03.2018 (54) Instant electrode water heater (51) Int. Cl. <i>F24H 1/10</i> ( 2006.01 ) <i>F24H 9/18</i> ( 2006.01 ) <i>F24H 9/20</i> ( 2006.01 ) <i>H05B 3/60</i> ( 2006.01 ) (87) WO2018/161151 (31) 2,960,258 (32) 09.03.17 (33) CA (43) 13.09.2018 (72) Mahoney, Jeff (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Aalto Korkeakoulusäätiö Sr (11) AU-A-2018332333 (21) 2018332333 (22) 11.09.2018 (54) Method and system for deriving a procedure for querying data (51) Int. Cl. <i>G06F 16/245</i> ( 2019.01 ) (87) WO2019/053324 (31) 20175810 (32) 13.09.17 (33) FI (43) 21.03.2019 (72) Rintanen, Jussi (74) Collison &amp; Co</p>	<p>(71) Adepto Pharmaceuticals Limited (11) AU-A-2018242134 (21) 2018242134 (22) 29.03.2018 (54) (+)-alpha-dihydrotetrabenazine for use in the treatment a movement disorder (51) Int. Cl. <i>A61K 31/4747</i> ( 2006.01 ) <i>A61K 31/13</i> ( 2006.01 ) <i>A61K 45/06</i> ( 2006.01 ) <i>A61P 25/14</i> ( 2006.01 ) (87) WO2018/178233 (31) 62/515,937 (32) 06.06.17 (33) US 62/515,928 06.06.17 US 1706816.4 28.04.17 GB 1705301.8 01.04.17 GB (43) 04.10.2018 (72) Duffield, Andrew John; Pandya, Anant (74) AJ Pietras IP Limited</p>
<p>(71) 4DX Limited; Cedars-Sinai Medical Centre (11) AU-A-2018226611 (21) 2018226611 (22) 27.02.2018 (54) Method of scanning and assessing lung and vascular health (51) Int. Cl. <i>A61B 5/00</i> ( 2006.01 ) (87) WO2018/157191 (31) 62/464,540 (32) 28.02.17 (33) US (43) 07.09.2018 (72) Samarage, Chamina Rajeev; Fouras, Andreas; Jones, Heather; Tapson, Victor (74) Smoorenburg Patent and Trade Mark Attorneys</p>	<p>(71) Acura Pharmaceuticals, Inc. (11) AU-A-2018243657 (21) 2018243657 (22) 30.03.2018 (54) Methods and compositions for self-regulated release of active pharmaceutical ingredients (51) Int. Cl. <i>A61K 31/485</i> ( 2006.01 ) <i>A61K 9/00</i> ( 2006.01 ) <i>A61K 9/24</i> ( 2006.01 ) (87) WO2018/183881 (31) 62/479,822 (32) 31.03.17 (33) US 62/587,783 17.11.17 US 62/544,375 11.08.17 US (43) 04.10.2018 (72) Brzeczko, Albert W.; Jones, Robert Barnett (74) Shelston IP Pty Ltd.</p>	<p>(71) AgSoilworks Technology Company, Llc (11) AU-A-2018217823 (21) 2018217823 (22) 09.02.2018 (54) Improved vibrating subsoil tool (51) Int. Cl. <i>A01B 11/00</i> ( 2006.01 ) <i>A01B 13/08</i> ( 2006.01 ) <i>A01B 49/02</i> ( 2006.01 ) <i>A01B 79/00</i> ( 2006.01 ) <i>E02F 5/00</i> ( 2006.01 ) <i>E02F 5/32</i> ( 2006.01 ) (87) WO2018/148599 (31) 62/458,444 (32) 13.02.17 (33) US (43) 16.08.2018 (72) Tomich, Randal (74) Murray Trento &amp; Associates Pty Ltd</p>
<p>(71) 915 Labs, LLC (11) AU-A-2018236340 (21) 2018236340 (22) 15.03.2018 (54) Multi-pass microwave heating system (51) Int. Cl. <i>H05B 6/78</i> ( 2006.01 ) <i>A23L 3/01</i> ( 2006.01 ) <i>A23L 3/02</i> ( 2006.01 ) <i>A23L 3/04</i> ( 2006.01 ) <i>A61L 2/04</i> ( 2006.01 ) <i>A61L 2/12</i> ( 2006.01 ) <i>B65B 55/06</i> ( 2006.01 ) (87) WO2018/170218</p>	<p>(71) Adepto Pharmaceuticals Limited (11) AU-A-2018241945 (21) 2018241945 (22) 29.03.2018</p>	<p>(71) Alcoa USA Corp. (11) AU-A-2018247009 (21) 2018247009 (22) 02.04.2018 (54) Systems and methods of electrolytic production of aluminum (51) Int. Cl. <i>C25C 3/08</i> ( 2006.01 ) <i>C25C 3/06</i> ( 2006.01 ) (87) WO2018/184008 (31) 62/479,905 (32) 31.03.17 (33) US</p>

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 (54) System and method of concentrating niobium ore  
 (51) Int. Cl.  
*B03D 1/00* ( 2006.01 )  
*C22B 3/22* ( 2006.01 )  
*C22B 34/24* ( 2006.01 )  
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 (74) Baldwins Intellectual Property

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 (54) HDAC inhibitors-based antibody drug conjugates (ADCs) and use in therapy  
 (51) Int. Cl.  
*A61K 47/68* ( 2017.01 )  
*A61P 31/18* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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(71) Alibaba Group Holding Limited  
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 (54) Method and apparatus for processing transaction requests  
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 (54) Self-assembling protein nanoparticles with built-in six-helix bundle proteins  
 (51) Int. Cl.  
*C07K 14/005* ( 2006.01 )  
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 (31) 17162540.3 (32) 23.03.17 (33) EP  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Medicinal composition derived from multiple plant sources for Gastrointestinal disorder  
 (51) Int. Cl.  
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 (72) Antony, Benny  
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*C04B 35/524* ( 2006.01 )  
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 (54) Beverage containing lactic acid bacterium powder and high-intensity sweetener, method or producing said beverage, method for improving flavor of said beverage, and flavor improving agent for said beverage  
 (51) Int. Cl.  
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 (74) FB Rice Pty Ltd

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 (54) Sliding door arrangement  
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 (74) Phillips Ormonde Fitzpatrick

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A61B 1/12 ( 2006.01 )

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**(51)** Int. Cl.  
**A61F 5/56** ( 2006.01 )  
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**(54)** Calcium channel inhibitors  
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**C07D 235/14** ( 2006.01 )  
**A61K 31/27** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
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**(51)** Int. Cl.  
**C12R 1/125** ( 2006.01 )  
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**C12N 1/20** ( 2006.01 )  
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**(54)** Process for the simultaneous extraction of lignin and silica from biomass and elastomer reinforced with a mixture of lignin and silica  
**(51)** Int. Cl.  
**C08L 97/02** ( 2006.01 )  
**C08L 1/02** ( 2006.01 )  
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**B01F 13/00** ( 2006.01 )  
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**C12M 1/00** ( 2006.01 )  
**C12M 1/34** ( 2006.01 )  
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C07D 401/14 ( 2006.01 )  
A61K 31/4184 ( 2006.01 )  
A61K 31/4545 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
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B65D 75/00 ( 2006.01 )  
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G06F 15/173 ( 2006.01 )  
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A61M 1/34 ( 2006.01 )  
A61M 1/36 ( 2006.01 )  
B01D 15/00 ( 2006.01 )  
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A01K 1/12 ( 2006.01 )  
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A01K 5/02 ( 2006.01 )  
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A01K 1/12 ( 2006.01 )  
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F03G 6/00 ( 2006.01 )  
F01K 11/02 ( 2006.01 )  
F01K 23/10 ( 2006.01 )  
F01K 27/00 ( 2006.01 )  
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 (54) Proximal femur hook plate  
 (51) Int. Cl.  
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*A61B 17/80* ( 2006.01 )  
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*A61B 17/74* ( 2006.01 )  
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 (51) Int. Cl.  
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*C09J 201/00* ( 2006.01 )
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*C09D 11/023* ( 2014.01 )  
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*B07B 1/15* ( 2006.01 )  
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 (51) Int. Cl.  
*B64C 27/24* ( 2006.01 )  
*B64C 27/22* ( 2006.01 )  
*B64C 27/26* ( 2006.01 )  
*B64C 27/28* ( 2006.01 )  
*B64C 29/00* ( 2006.01 )  
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 (51) Int. Cl.  
*C12P 19/04* ( 2006.01 )  
*C08L 5/00* ( 2006.01 )  
*C12P 19/18* ( 2006.01 )  
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 (51) Int. Cl.  
*B31B 50/73* ( 2017.01 )  
*B65D 5/42* ( 2006.01 )  
*B65D 6/00* ( 2006.01 )  
*B65D 8/00* ( 2006.01 )  
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 (51) Int. Cl.  
**A61M 5/24** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )
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**A61K 31/485** ( 2006.01 )
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 (51) Int. Cl.  
**A61K 31/4709** ( 2006.01 )  
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**B29D 23/00** ( 2006.01 )  
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A61L 15/42 ( 2006.01 )

C08G 18/00 ( 2006.01 )

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*C07D 487/04* (2006.01)  
*C07D 519/00* (2006.01)  
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 (51) Int. Cl.  
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*A61F 2/16* (2006.01)  
*C07D 209/08* (2006.01)  
*C07D 209/12* (2006.01)  
*C07D 307/79* (2006.01)  
*C07D 307/80* (2006.01)  
*C07D 333/54* (2006.01)  
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*C08F 124/00* (2006.01)  
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*C07D 307/80* (2006.01)  
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**C07D 405/04** ( 2006.01 )  
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 B25G 1/10 (2006.01)  
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**E03B 3/03** ( 2006.01 )  
**E03B 11/12** ( 2006.01 )



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	(54) Method and apparatus for preparing an edible food composition			
	(51) Int. Cl.			
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B01D 17/00 (2006.01)  
C02F 1/40 (2006.01)  
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A61K 31/4439 (2006.01)  
A61K 45/00 (2006.01)  
A61P 13/00 (2006.01)  
A61P 25/00 (2006.01)  
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A61B 5/055 (2006.01)  
A61B 8/12 (2006.01)  
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G01N 29/38 (2006.01)  
G01R 33/56 (2006.01)  
G01S 15/89 (2006.01)  
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 F28B 1/06 ( 2006.01 )  
 F28D 5/00 ( 2006.01 )  
 F02C 3/30 ( 2006.01 )  
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PCT applications which have entered the National Phase - Name Index cont'd

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O'Bannon, Walter  
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(21) 2018236183 (22) 13.03.2018  
(54) Optical system for warning light  
(51) Int. Cl.  
B60Q 1/52 ( 2006.01 )  
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(74) Baxter Patent Attorneys Pty Ltd
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- (71) Wolf Steel Ltd.  
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(21) 2018229091 (22) 02.03.2018  
(54) Improved igniter valve  
(51) Int. Cl.  
F24C 3/12 ( 2006.01 )  
A47J 37/07 ( 2006.01 )  
F23Q 3/00 ( 2006.01 )  
F23Q 9/10 ( 2006.01 )  
F24C 3/10 ( 2006.01 )  
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62/466,699 03.03.17 US  
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(72) Gutowski, Jan  
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- (71) Xeda International S.A.  
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(51) Int. Cl.  
A01N 25/18 ( 2006.01 )  
A01N 65/00 ( 2009.01 )  
A23B 7/144 ( 2006.01 )  
A23L 3/34 ( 2006.01 )  
B65D 81/28 ( 2006.01 )  
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(74) Davies Collison Cave Pty Ltd
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- (71) Xeras Medical Technologies, Inc.  
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A61B 5/11 ( 2006.01 )  
A61H 1/02 ( 2006.01 )  
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A63B 23/04 ( 2006.01 )
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(54) Generator module and wind turbine having the same  
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(51) Int. Cl.  
A61K 31/714 ( 2006.01 )  
A61K 31/355 ( 2006.01 )  
A61K 31/375 ( 2006.01 )  
A61K 31/4415 ( 2006.01 )  
A61P 25/28 ( 2006.01 )  
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E04H 15/20 ( 2006.01 )  
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(21) 2018236172 (22) 12.03.2018  
(54) Augmented reality diagnosis guidance  
(51) Int. Cl.  
G06N 3/00 ( 2006.01 )  
A61B 34/00 ( 2016.01 )  
A61B 34/10 ( 2016.01 )  
A61B 34/20 ( 2016.01 )  
A61B 90/00 ( 2016.01 )  
G16H 50/50 ( 2018.01 )  
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(21) 2018239319 (22) 20.03.2018  
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(51) Int. Cl.  
A61M 1/00 ( 2006.01 )  
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- (71) ZTE Corporation  
(11) AU-A-2017398610  
(21) 2017398610 (22) 26.12.2017  
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(51) Int. Cl.  
H04W 76/10 ( 2018.01 )  
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(72) Liu, Yang; Gao, Yin; Huang, He  
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- (71) ZTE Corporation  
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(21) 2018233236 (22) 14.02.2018  
(54) Method and system for managing user information  
(51) Int. Cl.  
H04W 76/10 ( 2018.01 )  
(87) WO2018/166326  
(31) 201710156709.4 (32) 16.03.17 (33) CN  
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(72) Gao, Yin; Huang, He  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Numerical Index

<b>2017397778</b>	Shanghai Benemae Pharmaceutical Corporation	<b>2018222082</b>	Medpot Limited
<b>2017397937</b>	GC Corporation	<b>2018222485</b>	Konecranes Global Corporation
<b>2017398610</b>	ZTE Corporation	<b>2018222521</b>	Nasdaq Technology AB
<b>2017398782</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2018222556</b>	Merck Patent GmbH
<b>2017398921</b>	Outotec (Finland) Oy	<b>2018222562</b>	Merck Patent GmbH
<b>2017399698</b>	Limited Liability Company "FITTING"	<b>2018222646</b>	Idorsia Pharmaceuticals Ltd
<b>2017399710</b>	Qualtrics, LLC	<b>2018222732</b>	Neomedix Corporation
<b>2017399714</b>	Axon Enterprise, Inc.	<b>2018222735</b>	Todaro, G.
<b>2017400773</b>	Maxim Electrical Services (Vic) Pty Ltd	<b>2018222832</b>	Zepelin, S.
<b>2017400886</b>	Bolymedia Holdings Co. Ltd.	<b>2018223108</b>	Cabinplant International A/S
<b>2017401822</b>	PPG Industries Ohio, Inc.	<b>2018223149</b>	Astrazeneca AB
<b>2017401833</b>	Indigo AG, Inc.	<b>2018223231</b>	The University of Adelaide
<b>2017402614</b>	Rosenberg, J.	<b>2018223254</b>	Selectivity SAS
<b>2017403101</b>	SICPA Holding SA	<b>2018223261</b>	Oy ICS Intelligent Control Systems Ltd
<b>2017403651</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	<b>2018223850</b>	Sigknow Biomedical Co., Ltd.
<b>2017403652</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	<b>2018224333</b>	OptaSense Holdings Limited
<b>2017403798</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	<b>2018224367</b>	Pipe Transformations Limited
<b>2017404208</b>	The Yokohama Rubber Co., Ltd.	<b>2018224486</b>	Philogen SpA
<b>2017404422</b>	Colgate-Palmolive Company	<b>2018224505</b>	Human Xtensions Ltd.
<b>2017404517</b>	FMC Technologies, Inc.	<b>2018224534</b>	Praj Industries Limited
<b>2017405723</b>	Huawei Technologies Co., Ltd.	<b>2018225170</b>	HealthTell Inc.
<b>2017405734</b>	Dow Global Technologies LLC	<b>2018225391</b>	Immune System Regulation Holding AB
<b>2017406365</b>	Hepa Wash GmbH	<b>2018225556</b>	Emory University
<b>2017407121</b>	Monros, S.	<b>2018225834</b>	Sunnybrook Research Institute
<b>2017407833</b>	Metrol Technology Ltd	<b>2018225842</b>	Trefimet S.A.
<b>2017408082</b>	Huntsman Advanced Materials Licensing (Switzerland) GmbH	<b>2018225950</b>	The Yokohama Rubber Co., Ltd.
<b>2017408164</b>	Hangzhou DAC Biotech Co., Ltd	<b>2018226315</b>	Betta Pharmaceuticals Co., Ltd.
<b>2017408169</b>	Obshestvo S Ogranichennoi Otvetstvennost'u "Biomic-rogeili"	<b>2018226611</b>	4DX Limited; Cedars-Sinai Medical Centre
<b>2017408813</b>	General Automation Lab Technologies, Inc.	<b>2018226612</b>	Reflex Instruments Asia Pacific Pty Ltd
<b>2017409852</b>	Sandvik Intellectual Property AB	<b>2018226616</b>	Baveas, D.
<b>2017409899</b>	Mitsubishi Electric Corporation	<b>2018226873</b>	Loma Linda University Health
<b>2017410333</b>	Binder + Co AG	<b>2018226922</b>	Beijing Scitech-MQ Pharmaceuticals Limited
<b>2017418080</b>	Huawei Technologies Co., Ltd.	<b>2018227338</b>	Baker Hughes, a GE Company, LLC
<b>2017432809</b>	Google LLC	<b>2018227467</b>	Cohen, A.
<b>2018217441</b>	Nowill, A.	<b>2018227627</b>	Teague, P.; Sloan, R.
<b>2018217488</b>	Bristol-Myers Squibb Company	<b>2018227793</b>	Case Western Reserve University
<b>2018217823</b>	AgSoilworks Technology Company, Llc	<b>2018227805</b>	J. Ray McDermott, S.A.
<b>2018217898</b>	Scout Exchange LLC	<b>2018227891</b>	SMS Group GmbH
<b>2018220172</b>	Cempra Pharmaceuticals, Inc.; Fernandes, P.; Pereira, D.; Wu, S.	<b>2018228288</b>	Bailey Metal Products Limited
<b>2018220260</b>	Kaneko, M.	<b>2018228435</b>	National Research Council of Canada
<b>2018220459</b>	Ting, Y.	<b>2018228787</b>	Kingspan Holdings (IRL) Limited
<b>2018220781</b>	The Janger Limited	<b>2018229090</b>	Maxtech Mosquito Control Inc.
<b>2018220790</b>	Locate Therapeutics Limited	<b>2018229091</b>	Wolf Steel Ltd.
<b>2018220863</b>	Nanobacterie	<b>2018229147</b>	Autolife Limited
<b>2018220885</b>	Mavrik Dental Systems Ltd.	<b>2018229297</b>	Hummingbird Kinetics LLC
<b>2018220892</b>	Creative Impact Inc	<b>2018229892</b>	Chongqing Hanzhui Educational Technology Institute Co., Ltd.
<b>2018220983</b>	Aurora Limited	<b>2018229920</b>	Sunsun (Shanghai) Science & Technology, Co. Ltd.
<b>2018221033</b>	University of Virginia Patent Foundation, d/b/a University of Virginia Licensing and Ventures Group	<b>2018230029</b>	Hot Lime Labs
<b>2018221076</b>	Innate Tumor Immunity, Inc.	<b>2018230209</b>	Ningbo Ouchuang Electric Appliance Technology Co., Ltd
<b>2018221147</b>	The Trustees of Columbia University in the City of New York	<b>2018230229</b>	Università Degli Studi Di Milano - Bicocca; Graftonica S.r.l.
<b>2018221458</b>	GenomSys SA	<b>2018230328</b>	Mediatek Inc.
<b>2018221586</b>	Specifio, Inc.	<b>2018230357</b>	Eco.Logic Brands Inc.
<b>2018221694</b>	Marpaz Technologies Ltd.	<b>2018230455</b>	Brighton-Best International, Inc.
<b>2018221722</b>	Cavion, Inc.	<b>2018230495</b>	BIOHM Health LLC
<b>2018221745</b>	The Regents of The University of California	<b>2018230507</b>	Enable Injections, Inc.
<b>2018221761</b>	Galapagos NV	<b>2018230525</b>	Patco LLC
<b>2018221879</b>	NewSouth Innovations Pty Ltd	<b>2018230611</b>	CareFusion 2200, Inc.
<b>2018221900</b>	Billio Pty Ltd	<b>2018230612</b>	CareFusion 2200, Inc.
<b>2018221901</b>	Tanaskovic, S.	<b>2018230740</b>	The Trustees of the University of Pennsylvania; The Children's Hospital of Philadelphia
		<b>2018230767</b>	Sharp, G.; McGettigan, A.
		<b>2018230901</b>	Biomet Manufacturing, LLC
		<b>2018230952</b>	Nuseed Pty Ltd.; Commonwealth Scientific and Industrial Research Organisation
		<b>2018230973</b>	Veripath, Inc.

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

2018231030	The Trustees of Dartmouth College	2018235446	Sun Pharma Advanced Research Company Limited
2018231068	Scherrer, E.; Scherrer, A.	2018235447	Sun Pharma Advanced Research Company Limited
2018231144	Athenex, Inc.	2018235626	JFE Steel Corporation
2018231173	Joy Global Underground Mining LLC	2018235712	The Children's Hospital of Philadelphia
2018231211	The Regents of the University of Michigan	2018236042	Komatsu Forest AB
2018231218	Southwire Company, LLC	2018236123	Selecta Biosciences, Inc.
2018231588	Equinor Energy AS	2018236150	DePuy Synthes Products, Inc.
2018231608	Universite de Bordeaux; Institut Polytechnique de Bordeaux; Centre National de la Recherche Scientifique (CNRS)	2018236155	DePuy Synthes Products, Inc.
2018231618	Genmab A/S	2018236172	Zimmer, Inc.
2018231623	PreviPharma Consulting GmbH	2018236183	Whelen Engineering Company, Inc.
2018231811	NOWDiagnostics, Inc.	2018236196	Arthrex, Inc.
2018231939	Grieger Investments Pty Ltd	2018236207	I.C. Medical, Inc.
2018232037	3278470 Nova Scotia Limited	2018236242	Sentry Equipment Corporation
2018232195	Inventilate Holding ApS	2018236265	Watershed Holdings, LLC
2018232200	Lmagne Ingeniería Ltda.; Sociedad de Innovación y Transferencia Tecnológica Ltda.; Estudio, Asesorías Y Capacitación Altoya Ltda.	2018236271	Research Institute at Nationwide Children's Hospital
2018232235	Tokuyama Dental Corporation	2018236340	915 Labs, LLC
2018232367	Kyowa Kirin Co., Ltd.	2018236343	Sealed Air Corporation (US)
2018232379	Compagnie Industrielle de la Matière Vegetale - CIMV	2018236352	Novavax, Inc.
2018232485	Epygon	2018236450	The General Hospital Corporation
2018232799	OP2 Drugs; Centre Hospitalier Universitaire de Bordeaux; INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Bordeaux	2018236530	Sumitomo Dainippon Pharma Co., Ltd.
2018232886	Berlin-Chemie AG	2018236959	Lumenion GmbH
2018233087	Tiger Coatings GmbH & Co. KG	2018236966	Sensor (UK) Ltd; Carlow Precast Manufacturing ULC; MWH UK Ltd
2018233115	EULER3D APS	2018237060	MotiveMetrics Inc.
2018233178	Glance Pay Inc.	2018237071	Ganapathy, A.; Burkland, D.; John, M.; Greet, B.; Razavi, M.
2018233216	Huawei Technologies Co., Ltd.	2018237187	Novozymes BioAg A/S
2018233234	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018237196	Drilling Info, Inc.
2018233236	ZTE Corporation	2018237312	Johnson & Johnson Surgical Vision, Inc.
2018233403	Immunwork Inc.	2018237327	DH2I Company
2018233575	Bradley, R.	2018237366	Quadrant Biosciences Inc.; The Research Foundation for The State University of New York; Penn State Research Foundation
2018233582	Canntab Therapeutics, Limited	2018237596	The NOCO Company
2018233732	Research Institute At Nationwide Children's Hospital	2018237678	Rezolute, Inc.
2018233953	Frito-Lay Trading Company GmbH	2018237857	Picote Solutions Oy Ltd
2018233961	Frontmatec Smørum A/S	2018237903	Vectura Delivery Devices Limited
2018233971	Kejako SA	2018237987	Novartis AG
2018234004	Asahi Kasei Kabushiki Kaisha	2018238289	Flex Fuel - Energy Development
2018234089	Sumitomo Dainippon Pharma Co., Ltd.	2018238292	Flex Fuel - Energy Development
2018234099	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.	2018238373	Nuron Limited
2018234244	Prevor International	2018238393	Purac Biochem B.V.
2018234246	Hirondelle Medical	2018238394	Xeda International S.A.
2018234258	CJ Cheiljedang Corporation	2018238422	Michalakis, S.; Biel, M.
2018234278	Nodthera Limited	2018238441	Telefonaktiebolaget LM Ericsson (publ)
2018234376	KCM Engineers CC	2018238522	Alpha-O Peptides Ag
2018234397	Smith & Nephew, Inc.	2018238718	Kejako SA
2018234446	Lallemand Hungary Liquidity Management LLC	2018239126	Boston Scientific Neuromodulation Corporation
2018234505	GCP Applied Technologies Inc.	2018239260	Hong Kong Beida Jade Bird Display Limited
2018234552	Metomotion Ltd.	2018239319	Zimmer, Inc.
2018234572	Murphy, S.	2018239339	Quadrant Biosciences Inc.; The Research Foundation for The State University of New York; Penn State Research Foundation
2018234632	Baylor College of Medicine	2018239346	Penumbra, Inc.
2018234640	Juno Therapeutics, Inc.; Church, S.; Gunther, J.; Pollock, K.	2018239354	MicroDose Therapeutx, Inc.
2018234644	Ovid Therapeutics Inc.	2018239359	Magic Leap, Inc.
2018234806	Crinetics Pharmaceuticals, Inc.	2018239402	Euroteknika
2018234822	The Boeing Company; Toray Industries, Inc.	2018239426	Memorial Sloan-Kettering Cancer Center
2018234837	Schlumberger Technology B.V.	2018239431	Microdose Therapeutx, Inc.
2018234842	Juarez, I.	2018239436	Unchained Labs
2018234911	Elysium Therapeutics, Inc.	2018239437	The Board of Trustees of The Leland Stanford Junior University
2018234933	Bio Time, Inc.	2018239445	Dzyne Technologies, Inc.
2018234953	Chr. Hansen A/S	2018239660	The Trustees of Columbia University in the City of New York
2018235015	Naval Group	2018239863	Telefonaktiebolaget LM Ericsson (Publ)
2018235056	Technip France	2018239935	FMC Corporation
2018235063	Polyneurion Pharmaceuticals AG	2018239940	FMC Corporation
2018235123	Kerquest	2018239960	1414 Degrees Limited
2018235140	Pharma Mar, S.A.	2018240017	Sunbeam Products, Inc.
2018235206	De Miranda Carvalho, M.	2018240334	DSM IP Assets B.V.
2018235358	SALTEK s.r.o.		

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

<b>2018240396</b>	The Research Foundation for the State University of New York	<b>2018248060</b>	Sasinapas Co., Ltd.
<b>2018240416</b>	Ettablissement Francais du Sang; INSERM (Institut National de la Santé et de la Recherche Médicale); Université Paris-Sud 11; Centre National de la Recherche Scientifique; Institut de Radioprotection et de Sécurité Nucléaire; Sorbonne Université	<b>2018248130</b>	Attenti Electronic Monitoring Ltd.
<b>2018240427</b>	Bayer Aktiengesellschaft	<b>2018248184</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
<b>2018240462</b>	Graybug Vision, Inc.	<b>2018248345</b>	GE Global Sourcing LLC
<b>2018240467</b>	Trucode Gene Repair, Inc.	<b>2018248482</b>	Huntsman P&A Uerdingen GmbH
<b>2018240473</b>	Quadrant Biosciences Inc.; The Research Foundation for The State University of New York; Penn State Research Foundation	<b>2018248979</b>	Attenti Electronic Monitoring Ltd.
<b>2018241252</b>	The University Of Queensland	<b>2018249158</b>	DIC Corporation
<b>2018241298</b>	Universidad de Castilla la Mancha	<b>2018249444</b>	The Board of Trustees of The Leland Stanford Junior University
<b>2018241624</b>	F. Hoffmann-La Roche AG	<b>2018249566</b>	Evoqua Water Technologies LLC
<b>2018241657</b>	Guangzhou Sinogen Pharmaceutical Co., Ltd	<b>2018249695</b>	Givaudan SA
<b>2018241840</b>	Alfasigma S.p.A.	<b>2018249716</b>	Picote Solutions Oy Ltd
<b>2018241859</b>	Etex Services NV; Comptoir du Batiment NV	<b>2018250147</b>	President and Fellows of Harvard College; Eisai R&D Management Co., Ltd.
<b>2018241897</b>	Klüber Lubrication München SE & Co. KG	<b>2018250205</b>	Becton, Dickinson and Company
<b>2018241907</b>	British American Tobacco (Investments) Limited	<b>2018250875</b>	F. Hoffmann-La Roche AG
<b>2018241908</b>	British American Tobacco (Investments) Limited	<b>2018251187</b>	Dana-Farber Cancer Institute, Inc.
<b>2018241940</b>	Adeptio Pharmaceuticals Limited	<b>2018251886</b>	Boston Scientific Scimed, Inc.
<b>2018241945</b>	Adeptio Pharmaceuticals Limited	<b>2018251942</b>	Universität Rostock Zentrale Universitätsverwaltung Referat 1.1 Recht
<b>2018242134</b>	Adeptio Pharmaceuticals Limited	<b>2018252007</b>	Ingram Micro Inc.
<b>2018242148</b>	PPG Europe B.V.	<b>2018252099</b>	Sunshine Lake Pharma Co., Ltd.; North & South Brother Pharmacy Investment Company Limited
<b>2018242535</b>	Novartis AG	<b>2018252160</b>	Limacorporate S.p.A.
<b>2018242539</b>	Antony, B.	<b>2018252827</b>	Takahashi, K.
<b>2018243336</b>	Mitsui Chemicals Agro, Inc.	<b>2018253025</b>	Fresenius Medical Care Holdings, Inc.
<b>2018243360</b>	Cornell University	<b>2018253069</b>	Phenex-FXR GmbH
<b>2018243536</b>	The Board of Trustees of the Leland Stanford Junior University	<b>2018253115</b>	Magenta Therapeutics, Inc.
<b>2018243625</b>	Alibaba Group Holding Limited	<b>2018253265</b>	Qualcomm Incorporated
<b>2018243657</b>	Acura Pharmaceuticals, Inc.	<b>2018253384</b>	Societe Des Produits Nestle S.A.
<b>2018243705</b>	UOP LLC	<b>2018253806</b>	Giesecke+Devrient Currency Technology GmbH
<b>2018243709</b>	Depuy Ireland Unlimited Company	<b>2018253864</b>	Vifor (International) AG
<b>2018243724</b>	F. Hoffmann-La Roche AG	<b>2018253881</b>	Subsea 7 Norway AS
<b>2018243733</b>	Cujo LLC	<b>2018253883</b>	Subsea 7 Norway AS
<b>2018243850</b>	Creatv MicroTech, Inc.	<b>2018254254</b>	Dip Tech Ltd.
<b>2018244015</b>	Integra Lifesciences Switzerland Sàrl	<b>2018254614</b>	Ideal Industries, Inc.
<b>2018244082</b>	Praj Industries Limited	<b>2018254636</b>	Epiroc Holdings South Africa (Pty) Ltd
<b>2018244214</b>	Patagonia Pharmaceuticals, LLC	<b>2018255621</b>	Shanghai Fochon Pharmaceutical Co., Ltd.; Fochon Pharmaceuticals, Ltd.
<b>2018244312</b>	Xeras Medical Technologies, Inc.	<b>2018256414</b>	Qualcomm Incorporated
<b>2018244318</b>	Auris Health, Inc.	<b>2018256422</b>	Watson & Chalin Manufacturing, Inc.
<b>2018244460</b>	Johnson & Johnson Consumer Inc.	<b>2018257495</b>	Rinovum Subsidiary 2, LLC
<b>2018244578</b>	Crown Equipment Corporation	<b>2018257611</b>	Las Navas Garcia, J.
<b>2018244592</b>	Cell Design Labs, Inc.	<b>2018258960</b>	Assa Abloy Entrance Systems AB
<b>2018244762</b>	The Gillette Company LLC	<b>2018261506</b>	Eli Lilly and Company
<b>2018244765</b>	The Gillette Company LLC	<b>2018263520</b>	Delaval Holding AB
<b>2018244767</b>	The Gillette Company LLC	<b>2018263545</b>	Doppstadt Familienholding GmbH
<b>2018244768</b>	The Gillette Company LLC	<b>2018263770</b>	Societe des Produits Nestle S.A.
<b>2018245143</b>	IHI Corporation	<b>2018265148</b>	RTI International
<b>2018245749</b>	National University of Singapore	<b>2018265195</b>	Societe Des Produits Nestle S.A.
<b>2018246006</b>	NCH Corporation	<b>2018265196</b>	Societe Des Produits Nestle S.A.
<b>2018246007</b>	Cytosorbents Corporation	<b>2018265615</b>	Mavalon Therapeutics Limited
<b>2018246126</b>	Boston Scientific Scimed, Inc.	<b>2018271957</b>	Hendrickson USA, L.L.C.
<b>2018246334</b>	Promat Australia Pty. Ltd; Etex Building Performance GmbH	<b>2018272823</b>	E. I. du Pont de Nemours and Company
<b>2018246335</b>	Promat Australia Pty. Ltd; Etex Building Performance GmbH	<b>2018273793</b>	Ryan, P.; Wang, Y.
<b>2018246660</b>	Baoshan Iron & Steel Co., Ltd.	<b>2018274053</b>	Liang, P.
<b>2018246874</b>	Equinor Energy AS	<b>2018279599</b>	Delaval Holding AB
<b>2018247009</b>	Alcoa USA Corp.	<b>2018279605</b>	Delaval Holding AB
<b>2018247010</b>	Integra Lifesciences Corporation	<b>2018281860</b>	Societe des Produits Nestle S.A.
<b>2018247012</b>	Integra Lifesciences Corporation	<b>2018291827</b>	Societe des Produits Nestle S.A.
<b>2018247516</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	<b>2018292732</b>	Philip Morris Products S.A.
<b>2018247578</b>	Aley Corporation	<b>2018300872</b>	Hitachi Construction Machinery Co., Ltd.
<b>2018247768</b>	BASF SE	<b>2018316332</b>	Komatsu Ltd.; National University Corporation Yokohama National University
<b>2018247919</b>	Cryovac, LLC	<b>2018332333</b>	Aalto Korkeakoulusäätiö Sr
<b>2018247925</b>	Silence Therapeutics GmbH	<b>2018334390</b>	Komatsu Ltd.
<b>2018247984</b>	Laboratoires Vivacy	<b>2018353937</b>	North China University of Technology
		<b>2018353938</b>	North China University of Technology
		<b>2018374074</b>	Xinjiang Goldwind Science & Technology Co., Ltd.
		<b>2018382575</b>	Societe des Produits Nestle S.A.
		<b>2018382579</b>	Societe des Produits Nestle S.A.

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

**2018393128** Shenzhen Lanbei Technology Co., Ltd.  
**2018403275** Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
**2018405436** GREE Electric Appliances, Inc. of Zhuhai; GREE Electric Appliances (Wuhan) Co., Ltd  
**2018408152** BOE Technology Group Co., Ltd.  
**2019215048** Illumina, Inc.  
**2019216458** Societe des Produits Nestle S.A.  
**2019217244** Vita Inclinata Technologies, Inc

IPC Index

<b><u>A01B 11 /-</u></b>	<b><u>A01M 13 /-</u></b>	<b><u>A23C 11 /-</u></b>	<b><u>A23L 9 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61C 3 /-</u></b>
2018217823	2018243336	2018281860 2018291827	2018291827	2018223254 2018230611 2018230612 2018230740 2018231030 2018234246 2018234397 2018236150 2018236155 2018236196 2018239346 2018243709 2018247010 2018251886	2018231030
<b><u>A01B 13 /-</u></b>	<b><u>A01M 7 /-</u></b>	<b><u>A23C 19 /-</u></b>	<b><u>A23P 10 /-</u></b>		<b><u>A61C 7 /-</u></b>
2018217823	2018243336	2018247919	2018224534 2018244082 2018281860		2018240396
<b><u>A01B 49 /-</u></b>	<b><u>A01N 1 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A23P 30 /-</u></b>		<b><u>A61C 8 /-</u></b>
2018217823	2018234640	2018291827	2018281860		2018239402
<b><u>A01B 63 /-</u></b>	<b><u>A01N 25 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A24F 47 /-</u></b>		<b><u>A61C 9 /-</u></b>
2018273793	2018230229 2018238394 2018243336	2018281860 2018291827	2018241907 2018241908		2018239402
<b><u>A01B 79 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A23G 1 /-</u></b>		<b><u>A61B 18 /-</u></b>	<b><u>A61D 19 /-</u></b>
2018217823	2018236271 2018243336	2018253384 2018281860 2018291827 2018382575 2018382579 2019216458		2018236207	2018223254
<b><u>A01C 5 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A23G 3 /-</u></b>	<b><u>A41D 19 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61F 13 /-</u></b>
2018273793	2018220172 2018239935 2018240427 2018247768	2018265195 2018265196	2018230455	2018239359	2018244460 2018247012 2018257495
<b><u>A01C 7 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A41D 27 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61F 2 /-</u></b>
2018273793	2017401833 2018237187	2018249695	2018230455	2018224505 2018230901 2018234572 2018236172 2018239126	2018222556 2018222562 2018232485 2018233971 2018234572 2018236196 2018237312 2018238718 2018246126 2018252160
<b><u>A01D 46 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A46B 9 /-</u></b>	<b><u>A61B 46 /-</u></b>	
2018234552	2018238394	2018224534 2018234953	2017404422 2018244762 2018244765 2018244767 2018244767 2018244768	2018220885	
<b><u>A01G 3 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A46D 1 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61F 5 /-</u></b>
2018234552	2018239940 2018240427	2018234446	2018244762 2018244765 2018244767 2018244768	2018221033 2018223850 2018225834 2018226611 2018229147 2018230901 2018231030 2018237071 2018244015 2018244312 2018247010	2018226616 2018227793 2018244015
<b><u>A01H 17 /-</u></b>	<b><u>A01P 15 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A47D 11 /-</u></b>		<b><u>A61F 9 /-</u></b>
2017401833	2018230229	2018234099 2018281860	2018226616		2018222562 2018222732 2018233971 2018238718
<b><u>A01K 1 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A23L 23 /-</u></b>	<b><u>A47G 25 /-</u></b>		
2018263520 2018279605	2018237187 2018243336	2018281860	2018220781		
<b><u>A01K 15 /-</u></b>	<b><u>A21D 8 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47G 9 /-</u></b>	<b><u>A61B 6 /-</u></b>	<b><u>A61H 1 /-</u></b>
2018220260 2018263520 2018279605	2018234446	2018249695	2018226616	2018230901	2018230740 2018244312
<b><u>A01K 25 /-</u></b>	<b><u>A22B 5 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61B 8 /-</u></b>	<b><u>A61J 17 /-</u></b>
2018220260	2018233961	2018281860	2018229091	2018225834	2018221901
<b><u>A01K 3 /-</u></b>	<b><u>A22B 7 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61B 90 /-</u></b>	<b><u>A61J 7 /-</u></b>
2018231939	2018233961	2018236340 2018238394	2018240017	2018234572 2018236172 2018251886	2018222082
<b><u>A01K 5 /-</u></b>	<b><u>A22C 17 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61C 1 /-</u></b>	<b><u>A61K 31 /-</u></b>
2018279599	2018223108	2018224534 2018234446 2018244082 2018281860	2018224505 2018230611 2018230612 2018244318	2018231030	2018217488 2018220172 2018221076 2018221722 2018221761
<b><u>A01K 63 /-</u></b>	<b><u>A23B 7 /-</u></b>		<b><u>A61B 10 /-</u></b>		
2018227467	2018238394		2018231811		
<b><u>A01M 1 /-</u></b>					
2018229090 2018243336					



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

2018222646	2018235712	<b><u>A61L 15 /-</u></b>	<b><u>A61P 1 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01D 15 /-</u></b>
2018223231	2018236123				
2018225391	2018236271	2018226873	2018226922	2018221076	2018243705
2018225556	2018237678		2018263770	2018221745	2018246007
2018226315	2018241657	<b><u>A61L 2 /-</u></b>		2018221761	
2018226922	2018243536		<b><u>A61P 11 /-</u></b>	2018223149	<b><u>B01D 17 /-</u></b>
2018229920	2018244592	2018236340		2018224486	
2018231144		<b><u>A61L 27 /-</u></b>	2018226922	2018226315	2018253881
2018232367	<b><u>A61K 39 /-</u></b>		<b><u>A61P 13 /-</u></b>	2018226922	<b><u>B01D 25 /-</u></b>
2018232799		2018220790		2018228435	
2018232886	2017397778	2018239660	2018232367	2018232886	2017398921
2018233582	2018217441		2018234089	2018234278	
2018234089	2018224486	<b><u>A61L 31 /-</u></b>	2018236530	2018234806	<b><u>B01D 29 /-</u></b>
2018234278	2018232886			2018235140	
2018234644	2018233403	2018247012	<b><u>A61P 17 /-</u></b>	2018241657	2017398921
2018234806	2018236352			2018241840	
2018234911	2018236450	<b><u>A61M 1 /-</u></b>	2018226922	2018245749	<b><u>B01D 53 /-</u></b>
2018235140	2018238522		2018231144	2018250147	
2018236530	2018241624	2018221033	<b><u>A61P 19 /-</u></b>	2018250875	2018230029
2018237987	2018250875	2018239319		2018255621	2018243705
2018240462		2018240473	2018226922	<b><u>A61P 37 /-</u></b>	2018245143
2018240467	<b><u>A61K 41 /-</u></b>	2018244015			<b><u>B01D 61 /-</u></b>
2018241940		2018246007	<b><u>A61P 25 /-</u></b>	2018217441	
2018241945	2018220863			2018221076	2018246007
2018242134	<b><u>A61K 45 /-</u></b>	<b><u>A61M 11 /-</u></b>	2018229920	2018221761	<b><u>B01F 13 /-</u></b>
2018242535		2018237903	2018233582	2018225391	
2018243657	2018221761	2018239354	2018234089	2018235063	2018243360
2018243724	2018234089	2018239431	2018234644		
2018244214	2018236123	<b><u>A61M 15 /-</u></b>	2018234806	<b><u>A61P 39 /-</u></b>	<b><u>B01J 19 /-</u></b>
2018247925	2018236530		2018236530		
2018247984	2018241940	2018237903	2018241940	2018232799	2018230029
2018250147	2018242134	2018239354	2018242134	<b><u>A61P 41 /-</u></b>	<b><u>B01J 20 /-</u></b>
2018252099		2018239354	2018242535		
2018253864	<b><u>A61K 47 /-</u></b>	2018239431	2018244214	2018223231	2018230029
2018255621		<b><u>A61M 16 /-</u></b>	2018265148		
2018265148	2018220172		2018265615	<b><u>A61P 43 /-</u></b>	<b><u>B01J 27 /-</u></b>
2018265615	2018223149	2018239354	<b><u>A61P 27 /-</u></b>	2018221761	
2018292732	2018224486	2018239431		2018224486	2018234258
<b><u>A61K 33 /-</u></b>	2018232886		2018226922	2018234089	<b><u>B01J 8 /-</u></b>
2017406365	2018233582	<b><u>A61M 25 /-</u></b>	2018234806		
<b><u>A61K 35 /-</u></b>	2018235063		2018234933	<b><u>A61P 7 /-</u></b>	2018243705
	2018237678	2018247010	2018237987		
	2018241840	<b><u>A61M 37 /-</u></b>	2018240462	2017397778	<b><u>B01L 3 /-</u></b>
	2018250875		<b><u>A61P 29 /-</u></b>	2018232367	
2018221745	<b><u>A61K 48 /-</u></b>	2018234397		<b><u>A61P 9 /-</u></b>	2018239436
2018224534			2018217488		2018243360
2018230495	2018232367	<b><u>A61M 39 /-</u></b>	2018221761	2018226922	2019215048
2018234640	2018238422		2018226922	2018232367	<b><u>B02C 17 /-</u></b>
2018234933	2018241657	2018247010	2018234089	2018252099	
2018234953	<b><u>A61K 49 /-</u></b>	<b><u>A61M 5 /-</u></b>	2018236123		2018232200
2018239426			2018236530	<b><u>A62C 2 /-</u></b>	
2018241624	2018235712	2018221033	2018244214		<b><u>B03D 1 /-</u></b>
2018241657	2018247012	2018230507	<b><u>A61P 3 /-</u></b>	2018246334	
2018244082		2018234397		2018246335	2018247578
2018245749	<b><u>A61K 6 /-</u></b>	2018244015	2018234644	<b><u>A63B 23 /-</u></b>	<b><u>B05B 17 /-</u></b>
2018253115		2018247984	<b><u>A61P 31 /-</u></b>		
2018263770	2018232235	2018250205		2018244312	2018237903
<b><u>A61K 36 /-</u></b>	<b><u>A61K 9 /-</u></b>	2018261506	2017397778	<b><u>A63F 9 /-</u></b>	<b><u>B05C 1 /-</u></b>
		<b><u>A61N 1 /-</u></b>	2017408164		
2018233582	2018221147		2018217441	2018220892	2018237857
2018242539	2018224534	2018220863	2018222646		
<b><u>A61K 38 /-</u></b>	2018233582	2018239126	2018225391	<b><u>A63H 33 /-</u></b>	<b><u>B05C 17 /-</u></b>
	2018234632	2018247010	2018235063		
2018221147	2018235712	<b><u>A61N 2 /-</u></b>	2018241252	2018220892	2018237857
2018223231	2018243657		2018241840		
2018224486	2018244082	2018220863	2018243724	<b><u>B01D 1 /-</u></b>	<b><u>B07B 1 /-</u></b>
2018225391	2018247984		2018245749		
2018228435	2018292732			2017400773	2018263545
2018231623					
2018234632					

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

<b><u>B22D 1 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>B62D 55 /-</u></b>	2018238394	<b><u>C04B 16 /-</u></b>	<b><u>C07D 213 /-</u></b>
2018252827	2018233115	2018236042	<b><u>B65D 90 /-</u></b>	2018241859	2018234278
<b><u>B22D 11 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>B63B 27 /-</u></b>	2018236966	<b><u>C04B 18 /-</u></b>	2018235447
2018231218	2018234822	2018227805	<b><u>B65G 15 /-</u></b>	2018220459	<b><u>C07D 215 /-</u></b>
2018252827	<b><u>B29D 23 /-</u></b>	<b><u>B63B 35 /-</u></b>	2017404208	<b><u>C04B 20 /-</u></b>	2018235446
<b><u>B22D 27 /-</u></b>	2018228787	2018231588	2018225950	2017410333	<b><u>C07D 231 /-</u></b>
2018231218	<b><u>B29K 67 /-</u></b>	<b><u>B64C 27 /-</u></b>	2018234376	<b><u>C04B 24 /-</u></b>	2018234278
2018252827	2018228787	2018239445	<b><u>B65G 17 /-</u></b>	2018234505	2018252099
<b><u>B23K 35 /-</u></b>	<b><u>B29L 23 /-</u></b>	<b><u>B64C 29 /-</u></b>	2018231173	<b><u>C04B 28 /-</u></b>	<b><u>C07D 233 /-</u></b>
2018225842	2018228787	2018239445	2018234376	2018220459	2018234278
<b><u>B23K 7 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B65B 53 /-</u></b>	<b><u>B65G 23 /-</u></b>	2018241859	2018265148
2018225842	2018234822	2018236343	<b><u>B65G 27 /-</u></b>	<b><u>C04B 35 /-</u></b>	<b><u>C07D 235 /-</u></b>
<b><u>B23P 15 /-</u></b>	<b><u>B31B 50 /-</u></b>	<b><u>B65B 55 /-</u></b>	2018223108	2018234004	2018221722
2018246660	2018230357	2018236340	<b><u>B65G 47 /-</u></b>	<b><u>C04B 38 /-</u></b>	2018234089
<b><u>B25B 1 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B65C 1 /-</u></b>	2018223108	2018234004	2018236530
2018224367	2018249158	2018236343	<b><u>B65G 63 /-</u></b>	<b><u>C04B 7 /-</u></b>	<b><u>C07D 237 /-</u></b>
<b><u>B25G 1 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B65D 13 /-</u></b>	2018222485	2018234505	2018234278
2018237857	2018233115	2018230357	<b><u>B65H 75 /-</u></b>	<b><u>C05F 11 /-</u></b>	2018240467
<b><u>B25J 13 /-</u></b>	<b><u>B33Y 30 /-</u></b>	<b><u>B65D 21 /-</u></b>	2018249716	2017401833	<b><u>C07D 241 /-</u></b>
2018224505	2018233115	2018220892	<b><u>B66C 13 /-</u></b>	<b><u>C07C 13 /-</u></b>	2018240462
<b><u>B25J 3 /-</u></b>	<b><u>B33Y 50 /-</u></b>	<b><u>B65D 23 /-</u></b>	2018227805	2018234278	<b><u>C07D 245 /-</u></b>
2018224505	2018233115	2018221694	2019217244	<b><u>C07C 25 /-</u></b>	2018243724
<b><u>B26B 19 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>B66C 23 /-</u></b>	2018241298	<b><u>C07D 261 /-</u></b>
2018229147	2018253806	2017408082	2018227805	<b><u>C07C 275 /-</u></b>	2018234278
<b><u>B26D 1 /-</u></b>	<b><u>B60B 27 /-</u></b>	<b><u>B65D 47 /-</u></b>	2019217244	2018265148	2018237987
2018233953	2018256422	2017397937	<b><u>B67D 7 /-</u></b>	2018265148	<b><u>C07D 271 /-</u></b>
<b><u>B26D 3 /-</u></b>	2018271957	<b><u>B65D 5 /-</u></b>	2018233575	<b><u>C07C 311 /-</u></b>	2018234278
2018233953	<b><u>B60B 35 /-</u></b>	2018230357	<b><u>C01B 32 /-</u></b>	2018253069	2018247768
<b><u>B26D 7 /-</u></b>	2018256422	<b><u>B65D 6 /-</u></b>	2018230029	<b><u>C07C 323 /-</u></b>	<b><u>C07D 307 /-</u></b>
2018233953	<b><u>B60G 9 /-</u></b>	2018230357	2018234004	2018241897	2018222556
<b><u>B27B 33 /-</u></b>	2018256422	<b><u>B65D 75 /-</u></b>	<b><u>C01D 15 /-</u></b>	<b><u>C07C 67 /-</u></b>	2018222562
2018231173	<b><u>B60H 1 /-</u></b>	2018230357	2018227891	2018231608	2018253069
<b><u>B29C 33 /-</u></b>	2018232195	2018247919	<b><u>C02F 1 /-</u></b>	2018234258	<b><u>C07D 311 /-</u></b>
2018221900	<b><u>B60M 5 /-</u></b>	<b><u>B65D 77 /-</u></b>	2017400773	<b><u>C07C 69 /-</u></b>	2018222556
<b><u>B29C 35 /-</u></b>	2018235358	2018221694	2018234505	2018231608	2018222562
2018221900	<b><u>B60P 3 /-</u></b>	<b><u>B65D 8 /-</u></b>	2018253881	2018241897	2018253069
<b><u>B29C 44 /-</u></b>	2018233575	2018230357	<b><u>C02F 3 /-</u></b>	<b><u>C07D 207 /-</u></b>	<b><u>C07D 335 /-</u></b>
2018228787	<b><u>B60Q 1 /-</u></b>	<b><u>B65D 81 /-</u></b>	2018246006	2018239935	2018222556
	2018236183	2018221694	2018249566	<b><u>C07D 209 /-</u></b>	
			2018254254	2018222556	
				2018222562	

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

<b><u>C07D 401 /-</u></b>	<b><u>C07F 9 /-</u></b>	<b><u>C08F 128 /-</u></b>		2018239426	<b><u>C25B 1 /-</u></b>
2018234089	2018217488	2018222556	<b><u>C09J 175 /-</u></b>	2018239660	2018227891
2018234806	2018231608		2018249158	2018240416	
2018252099		<b><u>C08F 236 /-</u></b>		2018245749	<b><u>C25C 1 /-</u></b>
	<b><u>C07H 15 /-</u></b>	2018225950	<b><u>C09J 201 /-</u></b>	2018249444	2018353938
<b><u>C07D 405 /-</u></b>	2018235063		2018249158	2018253115	
2018222562		<b><u>C08G 18 /-</u></b>		<b><u>C12N 9 /-</u></b>	<b><u>C25C 3 /-</u></b>
2018234089	<b><u>C07H 21 /-</u></b>	2018226873	<b><u>C09K 11 /-</u></b>	2018230495	2018247009
2018236530	2018222735		2018253806	2018231623	
2018253069	2018240473	<b><u>C08G 69 /-</u></b>		2018234446	<b><u>C25C 7 /-</u></b>
		2018223149	<b><u>C09K 5 /-</u></b>	2018238393	2018353938
<b><u>C07D 407 /-</u></b>	<b><u>C07K 1 /-</u></b>		2018239960	2018248060	
2018235140	2018222735	<b><u>C08G 73 /-</u></b>		<b><u>C12P 17 /-</u></b>	<b><u>C40B 30 /-</u></b>
2018253069	2018231623	2018234505	<b><u>C10L 3 /-</u></b>	2018238393	2018225170
			2018243705		
<b><u>C07D 409 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08G 83 /-</u></b>	<b><u>C10M 105 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>C40B 40 /-</u></b>
2018222562	2018222735	2018223149	2018241897	2018272823	2018225170
2018232799	2018224486				
2018253069	2018225170	<b><u>C08J 9 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C12P 21 /-</u></b>	<b><u>D01F 1 /-</u></b>
	2018228435	2018226873	2017408169	2018228435	2018247012
<b><u>C07D 413 /-</u></b>	2018236271		2018234244	2018233403	
2018232799	2018236450	<b><u>C08K 3 /-</u></b>		<b><u>C12Q 1 /-</u></b>	<b><u>D04H 1 /-</u></b>
2018237987	2018237678	2017404208	<b><u>C11D 17 /-</u></b>	2018230952	2018247012
2018253864	2018238393		2018234244	2018231211	<b><u>D06B 15 /-</u></b>
	2018238522	<b><u>C08K 9 /-</u></b>		2018237366	
<b><u>C07D 417 /-</u></b>	2018240467	2018248482	<b><u>C11D 3 /-</u></b>	2018239339	2018237857
2017408164	2018241252		2018234244	2018239437	
2018232799	2018241624	<b><u>C08L 1 /-</u></b>		2018249444	<b><u>D06F 45 /-</u></b>
2018253864	2018243536	2018232379	<b><u>C12M 1 /-</u></b>	2018251187	2018237857
	2018244592		2018243360	2018251942	
<b><u>C07D 455 /-</u></b>	2018250875	<b><u>C08L 5 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>E02D 27 /-</u></b>
2018241945		2018272823	2018239436	2018234953	2018236966
	2017397778			<b><u>C21D 1 /-</u></b>	<b><u>E02D 31 /-</u></b>
<b><u>C07D 471 /-</u></b>	2018222735	<b><u>C08L 9 /-</u></b>	<b><u>C12N 1 /-</u></b>	2018235626	2018236966
2018217488	2018224486	2017404208	2017401833	<b><u>C21D 9 /-</u></b>	<b><u>E02F 5 /-</u></b>
2018221076	2018228435	2018225950	2018234446	2018235626	2018217823
2018226315	2018231211		2018234953	<b><u>C22B 1 /-</u></b>	<b><u>E02F 9 /-</u></b>
2018241945	2018231618	<b><u>C08L 97 /-</u></b>	2018238393	2018227891	2018300872
2018253115	2018232886	2018232379	2018246006	2018227891	2018334390
2018255621	2018233403			<b><u>C22B 26 /-</u></b>	
	2018236450	<b><u>C09C 1 /-</u></b>	<b><u>C12N 15 /-</u></b>	2017405734	<b><u>E03B 11 /-</u></b>
<b><u>C07D 473 /-</u></b>	2018241624	2018248482	2017397778	2018227891	2018236966
2018240467	2018250875		2018228435		
		<b><u>C09C 3 /-</u></b>	2018231211	<b><u>C22B 3 /-</u></b>	<b><u>E03B 3 /-</u></b>
<b><u>C07D 487 /-</u></b>	<b><u>C07K 17 /-</u></b>	2018232379	2018232367	2018227891	2018236966
2018237987	2018222735		2018233732		
2018253115		<b><u>C09D 11 /-</u></b>	2018234446	<b><u>C22B 34 /-</u></b>	<b><u>E03F 11 /-</u></b>
2018265615	<b><u>C07K 19 /-</u></b>	2018254254	2018237366	2018247578	2018236966
	2018228435		2018238422		
<b><u>C07D 491 /-</u></b>	2018236450	<b><u>C09D 5 /-</u></b>	2018239339	<b><u>C22C 38 /-</u></b>	2018229297
2018226922	2018241252	2017401822	2018239437	2018235626	2018231068
			2018245749		2018236966
<b><u>C07D 493 /-</u></b>	<b><u>C07K 9 /-</u></b>	<b><u>C09D 7 /-</u></b>	2018247925		
2018250147	2018225170	2018242148		<b><u>E04B 1 /-</u></b>	
			<b><u>C12N 5 /-</u></b>		
<b><u>C07D 519 /-</u></b>	<b><u>C08F 124 /-</u></b>	<b><u>C09D 9 /-</u></b>	2018221745		
2018222646	2018222556	2018234244	2018223254		
2018226315			2018228435		
2018253115	<b><u>C08F 126 /-</u></b>		2018234632		
2018265615	2018222556				

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

<b><u>E04C 5 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F02C 7 /-</u></b>	<b><u>F16L 41 /-</u></b>	<b><u>F28D 5 /-</u></b>	2018230952 2018237366 2018239339 2018239426 2018239660 2018243536 2018243850 2018249444 2018253025
2018236966	2017407833	2018245143	2018224367	2018235056	
<b><u>E04F 11 /-</u></b>	<b><u>E21C 25 /-</u></b>	<b><u>F02D 31 /-</u></b>	<b><u>F16L 5 /-</u></b>	<b><u>F41C 33 /-</u></b>	
2018231939	2017409852	2018248345	2018246334 2018246335	2017399714	
<b><u>E04F 13 /-</u></b>	<b><u>E21C 27 /-</u></b>	<b><u>F02D 41 /-</u></b>	<b><u>F16L 55 /-</u></b>	<b><u>F41H 1 /-</u></b>	
2018228288	2017409852	2018248345	2018237857 2018249716	2018240334	<b><u>G01N 35 /-</u></b>
<b><u>E04F 19 /-</u></b>	<b><u>E21C 35 /-</u></b>	<b><u>F02P 3 /-</u></b>	<b><u>F16L 59 /-</u></b>	<b><u>F41H 5 /-</u></b>	2017408813
2018228288	2017409852	2017407121	2018228787	2018240334	<b><u>G01N 5 /-</u></b>
<b><u>E04H 15 /-</u></b>	<b><u>E21D 20 /-</u></b>	<b><u>F02P 9 /-</u></b>	<b><u>F21V 23 /-</u></b>	<b><u>G01B 11 /-</u></b>	2018257611
2018222832	2018254636	2017407121	2018220983	2017399698	<b><u>G01R 31 /-</u></b>
<b><u>E04H 17 /-</u></b>	<b><u>E21D 21 /-</u></b>	<b><u>F03D 9 /-</u></b>	<b><u>F23Q 3 /-</u></b>	<b><u>G01F 1 /-</u></b>	2018224333 2018353937
2018231939	2018254636	2018374074	2018229091	2018224367	<b><u>G01R 33 /-</u></b>
<b><u>E04H 7 /-</u></b>	<b><u>E21D 9 /-</u></b>	<b><u>F03G 6 /-</u></b>	<b><u>F23Q 9 /-</u></b>	<b><u>G01F 23 /-</u></b>	2018225834
2018236966	2017409852	2018235206	2018229091	2018244015	<b><u>G01S 15 /-</u></b>
<b><u>E05D 15 /-</u></b>	<b><u>E21F 15 /-</u></b>	<b><u>F04C 2 /-</u></b>	<b><u>F24C 3 /-</u></b>	<b><u>G01L 1 /-</u></b>	2018225834
2018258960	2018220459	2018224367	2018229091	2018224333	<b><u>G01S 19 /-</u></b>
<b><u>E05F 15 /-</u></b>	<b><u>F01D 25 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G01L 7 /-</u></b>	2018248130
2018258960	2018245143	2018224367	2018405436	2018238373	<b><u>G01V 5 /-</u></b>
<b><u>E05F 3 /-</u></b>	<b><u>F01D 5 /-</u></b>	<b><u>F16C 27 /-</u></b>	<b><u>F24H 1 /-</u></b>	<b><u>G01L 9 /-</u></b>	2018227627
2018274053	2018245143	2018263545	2018232037	2018238373	<b><u>G02B 1 /-</u></b>
<b><u>E21B 10 /-</u></b>	<b><u>F01D 9 /-</u></b>	<b><u>F16F 9 /-</u></b>	<b><u>F24H 9 /-</u></b>	<b><u>G01M 11 /-</u></b>	2018222562
2018226612	2018245143	2018229297	2018232037	2018237312	<b><u>G02B 27 /-</u></b>
<b><u>E21B 23 /-</u></b>	<b><u>F01K 11 /-</u></b>	<b><u>F16G 13 /-</u></b>	<b><u>F25B 11 /-</u></b>	<b><u>G01M 3 /-</u></b>	2018230767 2018239359
2017404517 2018227338	2018235206	2018231173	2018235056	2018236966	<b><u>G01N 1 /-</u></b>
<b><u>E21B 29 /-</u></b>	<b><u>F01K 23 /-</u></b>	<b><u>F16G 5 /-</u></b>	<b><u>F25C 1 /-</u></b>	2018236242	<b><u>G02B 6 /-</u></b>
2018227338	2018235206	2018231173	2017409899	2018237312	2018239359
<b><u>E21B 33 /-</u></b>	<b><u>F01K 27 /-</u></b>	<b><u>F16J 15 /-</u></b>	<b><u>F25C 5 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G02C 7 /-</u></b>
2017404517 2017407833 2018246874	2018235206	2017398921	2017409899	2018231211 2018253025	2018237312
<b><u>E21B 34 /-</u></b>	<b><u>F01K 3 /-</u></b>	<b><u>F16K 1 /-</u></b>	<b><u>F25J 1 /-</u></b>	<b><u>G01N 25 /-</u></b>	<b><u>G03B 17 /-</u></b>
2018234837	2018236959	2018224367	2018235056	2018257611	2018230767
<b><u>E21B 41 /-</u></b>	<b><u>F01N 1 /-</u></b>	<b><u>F16K 15 /-</u></b>	<b><u>F25J 5 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G03B 33 /-</u></b>
2017404517 2018246874	2017402614	2017408082 2018226612	2018235056	2018230952	2018230767
<b><u>E21B 43 /-</u></b>	<b><u>F02B 77 /-</u></b>	<b><u>F16K 27 /-</u></b>	<b><u>F28B 1 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G03G 9 /-</u></b>
2018234837 2018253881 2018253883	2018238289 2018238292	2018224367 2018226612	2018235056	2018225834	2018233087
	<b><u>F02C 3 /-</u></b>	<b><u>F16K 3 /-</u></b>	<b><u>F28D 20 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G05D 1 /-</u></b>
	2018235056 2018245143	2018224367	2018239960	2018230952	2018316332 2018334390
				<b><u>G01N 33 /-</u></b>	
				2018225170	

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

<b><u>G05F 1 /-</u></b>	2018237060	<b><u>H01B 17 /-</u></b>	<b><u>H02H 7 /-</u></b>	<b><u>H04W 16 /-</u></b>
2018254614	<b><u>G06Q 50 /-</u></b>	2018231939	2018235015	2018239863
<b><u>G06F 1 /-</u></b>	2018221586	<b><u>H01F 13 /-</u></b>	<b><u>H02J 1 /-</u></b>	<b><u>H04W 24 /-</u></b>
2018254614	<b><u>G06T 15 /-</u></b>	2018250205	2018235015	2018248184
<b><u>G06F 11 /-</u></b>	2018233971	<b><u>H01J 49 /-</u></b>	<b><u>H02J 13 /-</u></b>	<b><u>H04W 36 /-</u></b>
2018237327	<b><u>G06T 17 /-</u></b>	2018230952	2018231588	2017398782
<b><u>G06F 15 /-</u></b>	2018233971	<b><u>H01L 27 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04W 4 /-</u></b>
2018243733	<b><u>G06T 5 /-</u></b>	2017432809	2018234842	2017405723
<b><u>G06F 16 /-</u></b>	2018225834	2018221879	<b><u>H02J 4 /-</u></b>	2018235123
2018332333	<b><u>G06T 7 /-</u></b>	2018408152	2018231588	<b><u>H04W 48 /-</u></b>
<b><u>G06F 17 /-</u></b>	2018230901	<b><u>H01L 31 /-</u></b>	<b><u>H02J 7 /-</u></b>	2017398782
2017399710	<b><u>G07D 7 /-</u></b>	2017400886	2018235015	2018233216
2018221586	2018253806	2018221879	2018237596	2018238441
2018230525	<b><u>G08B 21 /-</u></b>	2018223261	<b><u>H02J 9 /-</u></b>	<b><u>H04W 52 /-</u></b>
2018237196	2018248979	2018236265	2018231588	2018403275
<b><u>G06F 3 /-</u></b>	<b><u>G08B 25 /-</u></b>	<b><u>H01L 33 /-</u></b>	<b><u>H02S 20 /-</u></b>	<b><u>H04W 72 /-</u></b>
2018229892	2018248130	2018239260	2018236265	2017403651
2018237327	<b><u>G08G 1 /-</u></b>	<b><u>H01L 39 /-</u></b>	2017400886	2017403798
<b><u>G06F 7 /-</u></b>	2018222485	2017432809	<b><u>H02S 40 /-</u></b>	2018233234
2018221458	<b><u>G09B 1 /-</u></b>	<b><u>H01L 41 /-</u></b>	<b><u>H03F 19 /-</u></b>	2018247516
<b><u>G06F 8 /-</u></b>	2018229892	2018240396	2018221879	2018253265
2018252007	<b><u>G09B 23 /-</u></b>	<b><u>H01L 51 /-</u></b>	<b><u>H03M 13 /-</u></b>	<b><u>H04W 76 /-</u></b>
<b><u>G06F 9 /-</u></b>	2018233971	<b><u>H01R 13 /-</u></b>	<b><u>H04J 3 /-</u></b>	2017398610
2018222521	<b><u>G09G 3 /-</u></b>	2018221879	2017403652	2018233236
2018237327	2018239260	<b><u>H01R 24 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H05B 3 /-</u></b>
2018252007	<b><u>G10K 11 /-</u></b>	2018220983	<b><u>H04L 27 /-</u></b>	<b><u>H05B 33 /-</u></b>
<b><u>G06K 9 /-</u></b>	2017402614	<b><u>H01R 25 /-</u></b>	2018222521	2018220983
2018237196	<b><u>G10L 13 /-</u></b>	2018254614	2018237327	<b><u>H05B 6 /-</u></b>
<b><u>G06N 3 /-</u></b>	2017399710	<b><u>H01R 33 /-</u></b>	2018239863	2018241907
2018236172	<b><u>G10L 19 /-</u></b>	2018220983	2018247516	2018241908
<b><u>G06N 99 /-</u></b>	2018256414	<b><u>H01S 5 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H05H 1 /-</u></b>
2017432809	<b><u>G10L 21 /-</u></b>	2018221879	2018230973	2017407121
<b><u>G06Q 10 /-</u></b>	2017402614	<b><u>H01T 13 /-</u></b>	2018235123	
2018217898	2018256414	2017407121	<b><u>H04N 19 /-</u></b>	
2018221586	<b><u>G10L 25 /-</u></b>	<b><u>H01T 15 /-</u></b>	2018230328	
2018237060	2017402614	2017407121	<b><u>H04R 1 /-</u></b>	
2018244578	<b><u>G16H 50 /-</u></b>	<b><u>H02G 9 /-</u></b>	2017402614	
<b><u>G06Q 20 /-</u></b>	2018233971	2018224333	<b><u>H04W 12 /-</u></b>	
2017403101	2018236172		2018230973	
2018233178			2018235123	
2018243625				
2018393128				
<b><u>G06Q 30 /-</u></b>				
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**G01N 33/50** ( 2006.01 )
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*C07H 17/02* ( 2006.01 )  
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*H01G 9/20* ( 2006.01 )  
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*A01P 21/00* ( 2006.01 )  
*C05G 3/00* ( 2006.01 )  
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Toyoaki; Fu, Yu; Taoka, Naoaki  
(74) Griffith Hack

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ing, and electric-arc protective clothing

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Ohzeki, Tatsuro; Mio, Wataru; Tanaka,  
Yasunori; Utsunomiya, Yuto; Matsushi-  
ma, Tomoya  
(74) Phillips Ormonde Fitzpatrick

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K.U.Leuven R&D; VIB vzw  
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ance to high alcohol levels  
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Maria; Swinnen, Steve; Martins Pais,  
Thiago  
(74) Davies Collison Cave Pty Ltd

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Schaeede, Johannes  
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and alarm mechanism  
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Evan; Wu, Kenneth; Coxum, Anthony  
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Johns Hopkins University**  
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(71) Kimberly-Clark Worldwide, Inc.  
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blood coagulation factor VII with high  
yield  
(51) Int. Cl.  
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*A61K 38/36* ( 2006.01 )  
*A61P 7/04* ( 2006.01 )  
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Nozomi  
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Hammer, Alexander; Beier, Alexander  
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method for same  
(51) Int. Cl.  
*E02F 9/28* ( 2006.01 )  
*B22F 7/00* ( 2006.01 )  
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*B25D 17/02* ( 2006.01 )  
*C22C 38/00* ( 2006.01 )  
*C22C 38/12* ( 2006.01 )  
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Tanaka, Yoshikiyo  
(74) Shelston IP Pty Ltd.

(71) KONE CORPORATION  
(11) AU-B-2015202967  
(21) 2015202967 (22) 01.06.2015  
(54) AN ELEVATOR  
(51) Int. Cl.  
*B66B 5/24* ( 2006.01 )  
(31) 14170894.1 (32) 03.06.14 (33) EP  
(43) 17.12.2015  
(44) 03.10.2019  
(72) Valjus, Petteri  
(74) Collison & Co

(71) Koninklijke Douwe Egberts B.V.  
(11) AU-B-2015367616  
(21) 2015367616 (22) 15.12.2015  
(54) System for preparing beverage con-  
sumptions  
(51) Int. Cl.  
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(31) 2013987 (32) 15.12.14 (33) NL  
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(72) Standaar, Koen; Dees, Hendrik Johan;  
Rutten, Mathias Antonius Fransiscus;  
Klabbers, Bram  
(74) Davies Collison Cave Pty Ltd

(71) Koninklijke Philips N.V.  
(11) AU-B-2018226522  
(21) 2018226522 (22) 10.09.2018  
(54) Juice extractor  
(51) Int. Cl.

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**(72)** RAMUSCH, Adolf; SCHLUG, Thomas  
**(74)** FB Rice Pty Ltd

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**(71)** Korea Institute of Science and Technology; Daegu-Gyeongbuk Medical Innovation Foundation  
**(11)** AU-B-2017221707  
**(21)** 2017221707 **(22)** 16.02.2017  
**(54)** Novel 2,3,5-substituted thiophene compound as protein kinase inhibitor  
**(51)** Int. Cl.  
**C07D 333/10** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61K 31/4436** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )  
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**(31)** 10-2016-0017991 **(32)** 16.02.16 **(33)** KR  
**(43)** 24.08.2017  
**(44)** 03.10.2019  
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**(74)** James & Wells Intellectual Property

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**Koszniowski, U. see Thirion, C.**  
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**(21)** 2017349542

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**(71)** Krystal Biotech, Inc.  
**(11)** AU-B-2016401692  
**(21)** 2016401692 **(22)** 28.12.2016  
**(54)** Compositions and methods for the treatment of wounds, disorders, and diseases of the skin  
**(51)** Int. Cl.  
**C12N 15/869** ( 2006.01 )  
**A61K 38/39** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C07K 14/78** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 9/02** ( 2006.01 )  
**(87)** WO2017/176336  
**(31)** 62/320,316 **(32)** 08.04.16 **(33)** US  
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**(44)** 03.10.2019  
**(72)** Krishnan, Suma; Agarwal, Pooja  
**(74)** Griffith Hack

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**(71)** KT Corporation  
**(11)** AU-B-2018202366  
**(21)** 2018202366 **(22)** 04.04.2018

**(54)** Method and apparatus for encoding image and method and apparatus for decoding image  
**(51)** Int. Cl.  
**H04N 19/00** ( 2014.01 )  
**H04N 19/117** ( 2014.01 )  
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**H04N 19/503** ( 2014.01 )  
**(43)** 10.05.2018  
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**(62)** 2016201932  
**(72)** Lee, Bae Keun; Kwon, Jae Cheol; Kim, Joo Young  
**(74)** FB Rice Pty Ltd

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**(71)** Kureha Corporation  
**(11)** AU-B-2017359100  
**(21)** 2017359100 **(22)** 18.10.2017  
**(54)** Heat shrinkable multilayer film  
**(51)** Int. Cl.  
**B32B 27/34** ( 2006.01 )  
**B32B 7/02** ( 2006.01 )  
**B32B 27/28** ( 2006.01 )  
**B65D 65/40** ( 2006.01 )  
**(87)** WO2018/088152  
**(31)** 2016-218714 **(32)** 09.11.16 **(33)** JP  
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**(44)** 03.10.2019  
**(72)** Nambu, Shota; Kitada, Ichiro; Itoh, Tadayoshi  
**(74)** Madderns Pty Ltd

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**(71)** Kyushu University, National University Corporation; Sumitomo Metal Mining Co., Ltd.  
**(11)** AU-B-2017365413  
**(21)** 2017365413 **(22)** 13.11.2017  
**(54)** Method for removing manganese from wastewater  
**(51)** Int. Cl.  
**C02F 3/34** ( 2006.01 )  
**C02F 3/00** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C22B 3/18** ( 2006.01 )  
**C22B 47/00** ( 2006.01 )  
**(87)** WO2018/096962  
**(31)** 2016-226541 **(32)** 22.11.16 **(33)** JP  
 2017-101302 23.05.17 JP  
**(43)** 31.05.2018  
**(44)** 03.10.2019  
**(72)** Okibe, Naoko; Takeda, Kenji; Kaji, Nobuyuki; Takenouchi, Hiroshi; Asano, Satoshi  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Landsteiner Genmed, S.L.  
**(11)** AU-B-2015314292  
**(21)** 2015314292 **(22)** 08.09.2015  
**(54)** Dipeptidyl ketoamide compounds and their use for the treatment and/or prevention of fat accumulation  
**(51)** Int. Cl.  
**C07K 5/06** ( 2006.01 )  
**A61K 38/05** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**(87)** WO2016/038040  
**(31)** 14382332.6 **(32)** 08.09.14 **(33)** EP  
**(43)** 17.03.2016

**(44)** 03.10.2019  
**(72)** Llenas Calvo, Jesus; Royo Exposito, Miriam; Carceller Gonzalez, Elena; Elezcano Donaire, Unai; Rodriguez Escrich, Sergio; Vazquez Tatay, Enrique  
**(74)** Collison & Co

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**(11)** AU-B-2014353729  
**(21)** 2014353729 **(22)** 19.11.2014  
**(54)** Mobile electric leakage detection device and method  
**(51)** Int. Cl.  
**G01R 31/02** ( 2006.01 )  
**(87)** WO2015/076555  
**(31)** 10-2014-0125371 **(32)** 21.09.14 **(33)** KR  
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**(43)** 28.05.2015  
**(44)** 03.10.2019  
**(72)** Lee, Hyun Chang  
**(74)** Baldwins Intellectual Property

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**(71)** Levo AG Wohlen  
**(11)** AU-B-2015226781  
**(21)** 2015226781 **(22)** 04.03.2015  
**(54)** Stand-up wheelchair  
**(51)** Int. Cl.  
**A61G 5/14** ( 2006.01 )  
**A61G 5/10** ( 2006.01 )  
**A61G 5/12** ( 2006.01 )  
**(87)** WO2015/131296  
**(31)** 313/14 **(32)** 04.03.14 **(33)** CH  
**(43)** 11.09.2015  
**(44)** 03.10.2019  
**(72)** Frei, Thomas  
**(74)** Griffith Hack

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**(71)** LG Electronics Inc.  
**(11)** AU-B-2016303866  
**(21)** 2016303866 **(22)** 02.08.2016  
**(54)** Vacuum adiabatic body and refrigerator  
**(51)** Int. Cl.  
**F25D 23/06** ( 2006.01 )  
**F16L 59/065** ( 2006.01 )  
**F25D 19/00** ( 2006.01 )  
**F25D 23/02** ( 2006.01 )  
**(87)** WO2017/023095  
**(31)** 10-2015-0109623 **(32)** 03.08.15 **(33)** KR  
**(43)** 09.02.2017  
**(44)** 03.10.2019  
**(72)** Jung, Wonyeong; Youn, Deokhyun; Kim, Daewoong  
**(74)** Watermark Intellectual Property Pty Ltd

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**(71)** LG Electronics Inc.  
**(11)** AU-B-2016312798  
**(21)** 2016312798 **(22)** 25.08.2016  
**(54)** Refrigerator  
**(51)** Int. Cl.  
**F25D 29/00** ( 2006.01 )  
**F25D 23/02** ( 2006.01 )  
**F25D 27/00** ( 2006.01 )  
**(87)** WO2017/034332  
**(31)** 10-2015-0119526 **(32)** 25.08.15 **(33)** KR  
**(43)** 02.03.2017



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 (72) Kim, Sangoh  
 (74) Watermark Intellectual Property Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2017203834  
 (21) 2017203834 (22) 07.06.2017  
 (54) Laundry treatment apparatus and method of controlling the same  
 (51) Int. Cl.  
*D06F 39/02* ( 2006.01 )  
 (31) 10-2016-0071300 (32) 08.06.16 (33) KR  
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 10-2016-0071302 08.06.16 KR  
 62/420,575 11.11.16 US  
 (43) 04.01.2018  
 (44) 03.10.2019  
 (72) Choi, Kihoon; Lee, Junho; Jang, Seongmin; Lee, Jonghwan; Won, Woonghui; Jung, Jongseok; Lee, Sangwook  
 (74) Davies Collison Cave Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2017261050  
 (21) 2017261050 (22) 28.04.2017  
 (54) Charging device  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
 (87) WO2017/191959  
 (31) 10-2016-0054914 (32) 03.05.16 (33) KR  
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 (43) 09.11.2017  
 (44) 03.10.2019  
 (72) Jung, Geunyoung; Park, Seongho; Park, Sejong; Seo, Jonghyun; Lee, Jinwoo  
 (74) Davies Collison Cave Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2017278547  
 (21) 2017278547 (22) 09.01.2017  
 (54) Dishwasher  
 (51) Int. Cl.  
*A47L 15/42* ( 2006.01 )  
*A47L 15/22* ( 2006.01 )  
 (87) WO2017/213322  
 (31) 10-2016-0072197 (32) 10.06.16 (33) KR  
 (43) 14.12.2017  
 (44) 03.10.2019  
 (72) Choi, Kyuhyung; Pyo, Joonho; Hong, Wook  
 (74) FB Rice Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2017314588  
 (21) 2017314588 (22) 31.05.2017  
 (54) Vacuum  
 (51) Int. Cl.  
*A47L 5/24* ( 2006.01 )  
*A47L 9/02* ( 2006.01 )  
*A47L 9/16* ( 2006.01 )  
*A47L 9/22* ( 2006.01 )  
*A47L 9/32* ( 2006.01 )  
 (87) WO2018/038360  
 (31) 10-2016-0108316 (32) 25.08.16 (33) KR  
 (43) 01.03.2018

(44) 03.10.2019  
 (72) Hwang, Philjae; Hwang, Mantae; Hwang, Jungbae; Sung, Eunji; Lee, Taekgi  
 (74) Davies Collison Cave Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2017314625  
 (21) 2017314625 (22) 18.08.2017  
 (54) Vacuum  
 (51) Int. Cl.  
*A47L 5/24* ( 2006.01 )  
*A47L 9/12* ( 2006.01 )  
*A47L 9/16* ( 2006.01 )  
*A47L 9/18* ( 2006.01 )  
*A47L 9/32* ( 2006.01 )  
 (87) WO2018/038473  
 (31) 10-2017-0046657 (32) 11.04.17 (33) KR  
 10-2016-0108314 25.08.16 KR  
 (43) 01.03.2018  
 (44) 03.10.2019  
 (72) Hwang, Philjae; Hwang, Mantae; Hwang, Jungbae; Sung, Eunji; Lee, Taekgi  
 (74) Davies Collison Cave Pty Ltd

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(71) LG Electronics Inc.  
 (11) AU-B-2017330127  
 (21) 2017330127 (22) 22.09.2017  
 (54) Apparatus for processing laundry  
 (51) Int. Cl.  
*D06F 37/10* ( 2006.01 )  
*D06F 37/28* ( 2006.01 )  
*D06F 37/42* ( 2006.01 )  
*D06F 39/14* ( 2006.01 )  
 (87) WO2018/056740  
 (31) 10-2016-0122245 (32) 23.09.16 (33) KR  
 (43) 29.03.2018  
 (44) 03.10.2019  
 (72) Bae, Sanghun; Lee, Youngjoo; Cho, Hongjun  
 (74) Dentons New Zealand Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2017330139  
 (21) 2017330139 (22) 22.09.2017  
 (54) Garment processing device  
 (51) Int. Cl.  
*D06F 37/10* ( 2006.01 )  
*D06F 37/28* ( 2006.01 )  
*D06F 37/42* ( 2006.01 )  
*D06F 39/14* ( 2006.01 )  
 (87) WO2018/056753  
 (31) 10-2016-0122038 (32) 23.09.16 (33) KR  
 (43) 29.03.2018  
 (44) 03.10.2019  
 (72) Lee, Youngjoo; Bae, Sanghun; Cho, Hongjun  
 (74) Dentons New Zealand Limited

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(71) Lifecell Corporation  
 (11) AU-B-2014376197  
 (21) 2014376197 (22) 19.12.2014  
 (54) Vacuum platen tissue planing apparatus  
 (51) Int. Cl.  
*A61B 17/00* ( 2006.01 )  
*A61B 17/322* ( 2006.01 )

*A61B 17/30* ( 2006.01 )  
*A61B 17/3203* ( 2006.01 )  
*G01N 1/06* ( 2006.01 )  
 (87) WO2015/105669  
 (31) 61/925,884 (32) 10.01.14 (33) US  
 (43) 16.07.2015  
 (44) 03.10.2019  
 (72) Fry, Michael Alan; Howe-Smith, Jeremy  
 (74) Shelston IP Pty Ltd.

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(71) Lin, Y.  
 (11) AU-B-2018359124  
 (21) 2018359124 (22) 11.09.2018  
 (54) Printer having front-end paper feeding and front-end paper outputting and being capable of changing paper discharge path  
 (51) Int. Cl.  
*B65H 29/20* ( 2006.01 )  
*B65H 29/52* ( 2006.01 )  
*B41J 13/00* ( 2006.01 )  
*B65H 31/02* ( 2006.01 )  
 (87) WO2019/085647  
 (31) 201810639488.0 (32) 20.06.18 (33) CN  
 (43) 09.05.2019  
 (44) 03.10.2019  
 (72) Lin, Yi  
 (74) Madderns Pty Ltd

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(71) Linak A/S  
 (11) AU-B-2015345611  
 (21) 2015345611 (22) 12.11.2015  
 (54) Linear actuator system  
 (51) Int. Cl.  
*H02K 7/06* ( 2006.01 )  
*F16H 25/20* ( 2006.01 )  
*H02K 5/22* ( 2006.01 )  
*H02K 11/00* ( 2006.01 )  
 (87) WO2016/074679  
 (31) PA 2014 00658 (32) 12.11.14 (33) DK  
 (43) 19.05.2016  
 (44) 03.10.2019  
 (72) Jorgensen, Rolf  
 (74) Spruson & Ferguson

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(71) Linde Aktiengesellschaft  
 (11) AU-B-2015299290  
 (21) 2015299290 (22) 21.07.2015  
 (54) Lever actuated cylinder valve assembly  
 (51) Int. Cl.  
*F16K 1/30* ( 2006.01 )  
*F16K 31/60* ( 2006.01 )  
*F16K 35/02* ( 2006.01 )  
*F17C 13/04* ( 2006.01 )  
 (87) WO2016/020186  
 (31) 1413813.5 (32) 05.08.14 (33) GB  
 (43) 11.02.2016  
 (44) 03.10.2019  
 (72) Ho, Lewis  
 (74) Shelston IP Pty Ltd.

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(71) LMK Technologies, LLC  
 (11) AU-B-2017268545  
 (21) 2017268545 (22) 28.11.2017  
 (54) Apparatus and method for repairing pipes and pipe junctions  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**F16L 55/18** ( 2006.01 )  
**(43)** 21.12.2017  
**(44)** 03.10.2019  
**(62)** 2016202977  
**(72)** Kiest Jr., Larry W.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** LTT Bio-Pharma Co., Ltd.  
**(11)** AU-B-2016227080  
**(21)** 2016227080 **(22)** 25.02.2016  
**(54)** Quinuclidine derivative  
**(51)** Int. Cl.  
**C07D 453/02** ( 2006.01 )  
**A61K 31/439** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2016/140136  
**(31)** 2015-040321 **(32)** 02.03.15 **(33)** JP  
**(43)** 09.09.2016  
**(44)** 03.10.2019  
**(72)** Mizushima, Tohru; Yamashita, Yasunobu; Yamakawa, Naoki  
**(74)** Phillips Ormonde Fitzpatrick

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**Ludwig Institute for Cancer Research Ltd. see Acceleron Pharma, Inc.**  
**(21)** 2018200237

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**(71)** Lyckeby Starch AB  
**(11)** AU-B-2016220533  
**(21)** 2016220533 **(22)** 15.02.2016  
**(54)** Method for preparing inhibited starch with improved warehouse storage stability  
**(51)** Int. Cl.  
**C08B 31/00** ( 2006.01 )  
**A23L 29/219** ( 2016.01 )  
**C08B 30/12** ( 2006.01 )  
**(87)** WO2016/133447  
**(31)** 1550169-5 **(32)** 16.02.15 **(33)** SE  
**(43)** 25.08.2016  
**(44)** 03.10.2019  
**(72)** Brynolf, Mikael; Samuelsson, Mathias; Stahl, Ake  
**(74)** WRAYS PTY LTD

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**(71)** MacroGenics, Inc.  
**(11)** AU-B-2016298227  
**(21)** 2016298227 **(22)** 28.07.2016  
**(54)** PD-1-binding molecules and methods of use thereof  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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**C07D 405/12** ( 2006.01 )  
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**C10G 3/00** ( 2006.01 )  
**B01J 31/02** ( 2006.01 )  
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**C07C 5/48** ( 2006.01 )  
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**C08L 79/04** ( 2006.01 )  
**B32B 15/08** ( 2006.01 )  
**B32B 15/092** ( 2006.01 )  
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**C08L 35/06** ( 2006.01 )  
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**A63F 13/60** ( 2014.01 )  
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**(54)** Container manufacturing apparatus  
**(51)** Int. Cl.  
**B29C 49/70** ( 2006.01 )  
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**B29C 49/42** ( 2006.01 )  
**B29C 49/62** ( 2006.01 )  
**B29C 49/64** ( 2006.01 )  
**B65D 1/02** ( 2006.01 )  
**B29L 31/00** ( 2006.01 )  
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**(31)** 10-2016-0060472 **(32)** 17.05.16 **(33)** KR  
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**(72)** Byun, Woo Hong  
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**(21)** 2017232476 **(22)** 14.03.2017  
**(54)** Method for producing phenoxyethanol derivative  
**(51)** Int. Cl.  
**C07C 41/26** ( 2006.01 )  
**A61K 31/085** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07C 43/23** ( 2006.01 )  
**(87)** WO2017/159669  
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**(54)** Methods of treating antibody-mediated rejection in organ transplant patients with C1-esterase inhibitor  
**(51)** Int. Cl.  
**A61K 38/55** ( 2006.01 )  
**A61K 35/16** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2015/077543  
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**(72)** Broom, Colin; Uknis, Marc E.  
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**(51)** Int. Cl.  
**E21B 17/07** ( 2006.01 )  
**(87)** WO2016/009068  
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 (74) Allens Patent & Trade Mark Attorneys
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 (21) 2017329432 (22) 21.08.2017  
 (54) Method for production of propanol, propionaldehyde and/or propionic acid from carbon dioxide, water and electrical energy  
 (51) Int. Cl.  
*C25B 1/00* ( 2006.01 )  
*C07C 29/16* ( 2006.01 )  
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*C25B 1/10* ( 2006.01 )  
*C25B 3/04* ( 2006.01 )  
*C25B 15/08* ( 2006.01 )  
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**G08B 17/11** ( 2006.01 )  
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**A61L 2/10** ( 2006.01 )  
**F21V 7/00** ( 2006.01 )  
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**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**A61K 31/519** ( 2006.01 )  
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**C07C 43/29** ( 2006.01 )  
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**C07D 213/81** ( 2006.01 )  
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**C07D 239/34** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
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<b>2012395641</b>	SBI Biotech Co., Ltd.	<b>2015203653</b>	Raizer Campers Pty Ltd
<b>2013337951</b>	The Center for Aquaculture Technologies, Inc.; Recombinetics, Inc.	<b>2015203837</b>	Caterpillar Inc.
<b>2014202062</b>	CADFEM GmbH	<b>2015207358</b>	De La Rue International Limited
<b>2014202578</b>	The Boeing Company	<b>2015207464</b>	UCB Biopharma SPRL; EVEON
<b>2014203372</b>	Rinnai Corporation	<b>2015208697</b>	Maori S.C. LTD.
<b>2014206502</b>	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)	<b>2015209133</b>	AI Therapeutics, Inc.
<b>2014209998</b>	Topspinpro Ltd	<b>2015214400</b>	ICU Medical, Inc.
<b>2014212834</b>	Honeywell International Inc.	<b>2015218864</b>	DEKA Products Limited Partnership
<b>2014213614</b>	Wix.com Ltd.	<b>2015221523</b>	Strata Safety Products, LLC
<b>2014221336</b>	Honeywell International Inc.	<b>2015222912</b>	Graphic Packaging International, LLC
<b>2014236140</b>	Sarepta Therapeutics, Inc.	<b>2015225569</b>	ESS Tech, Inc
<b>2014246723</b>	Uniwersytet Warszawski	<b>2015225859</b>	Highlife SAS
<b>2014253050</b>	Cardlab ApS	<b>2015226781</b>	Levo AG Wohlen
<b>2014253051</b>	Cardlab ApS	<b>2015228755</b>	Fresenius Medical Care Deutschland GmbH
<b>2014255759</b>	Katholieke Universiteit Leuven, K.U.Leuven R&D; VIB vzw	<b>2015231170</b>	Bristol-Myers Squibb Company
<b>2014259719</b>	AnaptysBio, Inc.	<b>2015235782</b>	Unicharm Corporation
<b>2014261497</b>	Sanofi	<b>2015238929</b>	Obex Protection Ltd
<b>2014265275</b>	Marquette University	<b>2015241107</b>	Boehringer Ingelheim Animal Health USA Inc.
<b>2014266812</b>	Balusu, R.B.; Mitchanagatla, K.; Pilli, R.; Vellanki, S.R.P.; Mylan Laboratories Ltd	<b>2015243186</b>	REG Life Sciences, LLC
<b>2014273471</b>	Morphochem Aktiengesellschaft fur Kombinatorische Chemie	<b>2015243877</b>	BitSpray Corporation
<b>2014274890</b>	FibroGen, Inc.	<b>2015244399</b>	Aradigm Corporation
<b>2014277262</b>	Merck Patent GmbH	<b>2015245530</b>	ASIT biotech S.A.
<b>2014278835</b>	N.V. Nutricia	<b>2015246577</b>	Shanghai Hengrui Pharmaceutical Co., Ltd.; Jiangsu Hengrui Medicine Co., Ltd.
<b>2014280235</b>	Anabio Technologies Limited	<b>2015250120</b>	Becton, Dickinson and Company
<b>2014283619</b>	Evonik Fibres GmbH	<b>2015252164</b>	Philip Morris Products S.A.
<b>2014284304</b>	Cortice Biosciences, Inc.	<b>2015252166</b>	Philip Morris Products S.A.
<b>2014290367</b>	The United States of America, as Represented by the Secretary, Department of Health and Human Services; Baylor College of Medicine	<b>2015252654</b>	Zhejiang DTRM Biopharma Co., Ltd.
<b>2014302560</b>	Novartis Animal Health US. Inc.; McGill University	<b>2015254843</b>	Windcare India Pvt Ltd
<b>2014306758</b>	Cerner Innovation, Inc.	<b>2015257964</b>	Electrolux Appliances Aktiebolag
<b>2014309394</b>	Deere & Company	<b>2015259608</b>	Summit Mining International Inc.
<b>2014314265</b>	Akzo Nobel Chemicals International B.V.	<b>2015263906</b>	Sparr, J.
<b>2014315443</b>	Facebook, Inc.	<b>2015265849</b>	Trelleborg Industrie SAS
<b>2014318540</b>	OrthoSensor, Inc.	<b>2015266818</b>	The United States of America, as represented by The Secretary, Department of Health and Human Services
<b>2014321129</b>	Straxcorp Pty Ltd	<b>2015267334</b>	Ab Initio Technology LLC
<b>2014327346</b>	BP Corporation North America Inc.	<b>2015268995</b>	Jetkids AS
<b>2014330977</b>	Inventiva	<b>2015271302</b>	kocher-plastik Maschinenbau GmbH
<b>2014332214</b>	The Board of Trustees of the University of Illinois	<b>2015273578</b>	Allocty Pharmaceuticals AG
<b>2014344789</b>	Pitney Pharmaceuticals Pty Limited	<b>2015275031</b>	McNeely, M.
<b>2014346306</b>	Bank of Canada	<b>2015276312</b>	DSM IP Assets B.V.
<b>2014349155</b>	Chuter, T.	<b>2015279105</b>	Institut De Recerca Contra La Leucemia Josep Carreras
<b>2014351802</b>	United Kingdom Research and Innovation	<b>2015283320</b>	2cureX ApS
<b>2014352015</b>	Espci Paristech; Platod	<b>2015283822</b>	CSLBehring Lengnau AG
<b>2014352846</b>	Shire ViroPharma Incorporated	<b>2015289036</b>	Siceno S.a.r.l.
<b>2014353050</b>	Brigham and Women's Hospital, Inc.	<b>2015289763</b>	Dometic Sweden AB; Beckett Gas, Inc.
<b>2014353729</b>	Lee, H.	<b>2015291781</b>	Davies, K.; Davies, A.
<b>2014357450</b>	Welt Bio-Molecular Pharmaceutical, LLC	<b>2015293638</b>	SABMiller Limited
<b>2014358675</b>	Epitomee Medical Ltd	<b>2015294419</b>	Qualcomm Incorporated
<b>2014363243</b>	SEB S.A.	<b>2015295376</b>	Bayer Pharma Aktiengesellschaft
<b>2014365821</b>	Crossroads Extremity Systems, LLC	<b>2015298741</b>	Centurion Medical Products Corporation
<b>2014366257</b>	SunPower Corporation	<b>2015299180</b>	Dutch Domotics B.V.
<b>2014372690</b>	BCN Peptides, S.A.	<b>2015299290</b>	Linde Aktiengesellschaft
<b>2014376197</b>	Lifecell Corporation	<b>2015300988</b>	ENVERA LIC, LLC
<b>2014377106</b>	Shanghai Hengrui Pharmaceutical Co., Ltd.; Jiangsu Hengrui Medicine Co., Ltd.	<b>2015303845</b>	CommScope Technologies LLC
<b>2014378631</b>	Société des Produits Nestlé S.A.	<b>2015304087</b>	Statoil Petroleum AS
<b>2014403783</b>	Metamako Technology LP	<b>2015305032</b>	Smart Respiratory Products Limited
<b>2014411038</b>	Shengyi Technology Co., Ltd.	<b>2015305322</b>	Miller, Philip Glen
<b>2015200011</b>	ContiTech USA, Inc.	<b>2015308424</b>	Norton (Waterford) Limited
<b>2015202227</b>	Reid, J.	<b>2015312008</b>	Ab Initio Technology LLC
<b>2015202967</b>	KONE CORPORATION	<b>2015312010</b>	Ab Initio Technology LLC.
		<b>2015312303</b>	Qualcomm Incorporated
		<b>2015312310</b>	Hyde Tools, Inc.; Magnani, M.
		<b>2015314292</b>	Landsteiner Genmed, S.L.
		<b>2015315039</b>	CPG Technologies, LLC.
		<b>2015315140</b>	CPG Technologies, LLC
		<b>2015317532</b>	lantech, Inc.

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2015317715	Bayer CropScience LP	2016285195	TechInvent 2 AS
2015318702	Temasek Life Sciences Laboratory Limited	2016295943	Neodrill AS
2015320378	Tensyn Medical, Inc.	2016296261	Qualcomm Incorporated
2015321376	RR Sequences Inc.	2016298227	MacroGenics, Inc.
2015323511	Sofradim Production	2016301113	Monash University
2015323562	AQUAPAK POLYMERS LIMITED	2016303866	LG Electronics Inc.
2015324033	Cordis Corporation	2016304879	ViaSat, Inc.
2015324083	Trinity Bay Equipment Holdings, LLC	2016312798	LG Electronics Inc.
2015324292	Kimberly-Clark Worldwide, Inc.	2016313439	Pfizer Inc.
2015327029	Société des Produits Nestlé S.A.	2016321314	Qualcomm Incorporated
2015332613	Creo Medical Limited	2016327857	Zhejiang Bossan Pharmaceutical Co. Ltd.
2015332779	MyLaps B.V.	2016333221	Huawei Technologies Co., Ltd.
2015332972	Steps Holding B.V.	2016333955	Merial, Inc.; Vetagro-Sup; Institut Pasteur
2015335367	National Oilwell Varco Denmark I/S	2016334448	NEC Lighting, Ltd.
2015335783	Bristol-Myers Squibb Company	2016336235	Janssen Vaccines & Prevention B.V.
2015338159	Yuyama Mfg. Co., Ltd.	2016339129	Akzo Nobel Chemicals International B.V.
2015339355	Avent, Inc.	2016339367	Seoul National University R&DB Foundation
2015341563	Hawker Siddeley Switchgear Limited	2016340470	The Regents of the University of California; Mitsubishi Chemical Corporation
2015341596	Centre National de la Recherche Scientifique; Université de Picardie Jules Verne	2016343855	The Johns Hopkins University; Kennedy Krieger Institute, Inc.
2015342790	Case Western Reserve University	2016346797	ExxonMobil Upstream Research Company
2015343491	Caterpillar Inc.	2016348816	Outotec (Finland) Oy
2015343492	Caterpillar Inc.	2016355266	Google LLC
2015343949	Samsung Electronics Co., Ltd.	2016355627	TTI (Macao Commercial Offshore) Limited
2015345611	Linak A/S	2016357211	Stowe Woodward Licensco, LLC
2015345613	National Oilwell Varco Denmark I/S	2016358285	BLANCTEC Co., Ltd.
2015349936	Compagnie Generale des Etablissements Michelin; Michelin Recherche et Technique S.A.	2016358286	BLANCTEC Co., Ltd.
2015355076	Facebook, Inc.	2016363764	Inventio AG
2015355187	PolarityTE, Inc.	2016366191	Nexus Spine, L.L.C.
2015355612	Cennerv Pharma (S) Pte. Ltd.	2016366239	JFE Steel Corporation
2015357525	Extrude to Fill, LLC	2016367166	Illinois Tool Works Inc.
2015358448	Astrolink International LLC; Dominion Energy Technologies, Inc.	2016372755	Baoshan Iron & Steel Co., Ltd.
2015366444	Société des Produits Nestlé S.A.	2016374702	Inventio AG
2015366447	Société des Produits Nestlé S.A.	2016376176	Inventio AG
2015367616	Koninklijke Douwe Egberts B.V.	2016378291	Inventio AG
2015382316	Digital Barriers Services Ltd	2016382945	Amazon Technologies, Inc.
2015384982	Unicharm Corporation	2016385211	International Frontier Technology Laboratory, Inc.
2015394401	CHOIROCK CONTENTS FACTORY CO., LTD.	2016391017	Huawei Technologies Co., Ltd.
2016202698	Gambro Lundia AB	2016394560	Nippon Steel Corporation; Vallourec Oil and Gas France
2016206933	Gencor Industries, Inc.	2016401692	Krystal Biotech, Inc.
2016208495	Gebroeder Jacob GbR	2016402132	Beijing 7invensun Technology Co., Ltd.
2016217116	Kaneka Corporation	2016403450	W. L. Gore & Associates, Inc.
2016217617	Hovione Scientia Limited	2016403463	Mitsubishi Electric Corporation
2016217824	Delta of Sweden AB	2016406376	Outotec (Finland) Oy
2016218269	Scandium International Mining Corporation	2016407391	Motorola Solutions, Inc.
2016220533	Lyckeby Starch AB	2016416435	Colgate-Palmolive Company
2016221435	Intrator, N.	2016428671	Taiyuan University of Technology
2016227080	LTT Bio-Pharma Co., Ltd.	2017200426	Intuit Inc.
2016228004	Danish Wood Technology A/S	2017200966	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2016231185	Vorwerk & Co. Interholding GmbH	2017203343	McPharlin, J.B.; McPharlin, P.J.
2016232510	Hammelmann GmbH	2017203501	Vaxine Pty Ltd
2016233842	Qualcomm Incorporated	2017203627	Precision Planting LLC
2016239625	Syngenta Participations AG	2017203661	Howmedica Osteonics Corp.
2016244827	Cubic Corporation	2017203834	LG Electronics Inc.
2016246359	AFT Pharmaceuticals Limited	2017204032	Zyngenia, Inc.
2016247472	Association pour les transferts de Technologies du Mans; Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)	2017204434	Smith & Nephew plc
2016248559	Schlenk Metallic Pigments GmbH	2017204774	Thirion, C.; Koszinowski, U.; Mohr, C.; Ruzsics, Z.
2016249732	In, S.	2017205470	The Procter & Gamble Company
2016250371	United States Gypsum Company	2017206353	HD4U Smart Home Co., Ltd.
2016256812	GOLD RYTHMN PTY LTD	2017208922	Unitec S.p.A.
2016257632	Enbala Power Networks Inc.	2017214133	Jinan Shengquan Group Share-Holding Co., Ltd
2016261924	Ecolab USA Inc.	2017216403	Warstone Innovations, LLC
2016262092	Nevis Industries LLC	2017216533	Eumedaris Pharmaceuticals, Inc.
2016268130	Cayenne Medical, Inc.	2017216546	Sanofi Biotechnology
2016269758	Faiveley Transport Amiens	2017216597	Thru Tubing Solutions, Inc.
2016274617	Qualcomm Incorporated	2017217654	AMDT Holdings, Inc.
2016282790	Neurocrine Biosciences, Inc.	2017218300	Asahi Kasei Kabushiki Kaisha
2016284878	Shinwoo Costec Co., Ltd	2017221707	Korea Institute of Science and Technology; Dae-gu-Gyeongbuk Medical Innovation Foundation

Applications Accepted - Numerical Index cont'd

<b>2017221796</b>	The Johns Hopkins University; Cardioxyl Pharmaceuticals, Inc.	<b>2017312553</b>	Intercontinental Great Brands LLC
<b>2017226209</b>	Kaneka Corporation	<b>2017314588</b>	LG Electronics Inc.
<b>2017227323</b>	Japan Agency for Marine-Earth Science and Technology	<b>2017314625</b>	LG Electronics Inc.
<b>2017228427</b>	Xenex Disinfection Services, LLC.	<b>2017315219</b>	Nicoventures Holdings Limited
<b>2017232145</b>	Joy Global Underground Mining LLC	<b>2017315776</b>	Vista Outdoor Operations LLC
<b>2017232176</b>	Magic Leap, Inc.	<b>2017322741</b>	Vermeer Manufacturing Company
<b>2017232179</b>	Magic Leap, Inc.	<b>2017327625</b>	Nippon Steel Corporation; Vallourec Oil and Gas France
<b>2017232181</b>	Magic Leap, Inc.	<b>2017329432</b>	Siemens Aktiengesellschaft
<b>2017232476</b>	Shionogi & Co., Ltd.	<b>2017330127</b>	LG Electronics Inc.
<b>2017235983</b>	Pacific Holdings (Aust) Pty Ltd	<b>2017330139</b>	LG Electronics Inc.
<b>2017236043</b>	Global Esprit Inc.	<b>2017333829</b>	BOE Technology Group Co., Ltd.
<b>2017236576</b>	De La Rue International Limited	<b>2017347309</b>	AME2 Pte Ltd
<b>2017239506</b>	Google LLC	<b>2017349539</b>	Nippon Telegraph and Telephone Corporation; Toray Industries, Inc.
<b>2017239890</b>	Suntory Holdings Limited	<b>2017349542</b>	Nippon Steel Corporation; Krosakiharima Corporation
<b>2017241865</b>	Suntory Holdings Limited	<b>2017353265</b>	VANDEWIELE NV
<b>2017248459</b>	Bourgault Industries Ltd.	<b>2017357352</b>	Foshan Linzhi Polymer Materials Science And Technology Co., Ltd.
<b>2017248486</b>	Amgen Inc.	<b>2017358559</b>	Tada Medical AB
<b>2017249694</b>	PHILOGEN S.p.A.	<b>2017358570</b>	British American Tobacco (Investments) Limited
<b>2017251794</b>	GIANT MANUFACTURING CO., LTD.	<b>2017359100</b>	Kureha Corporation
<b>2017251837</b>	Repros Therapeutics Inc.	<b>2017365413</b>	Kyushu University, National University Corporation; Sumitomo Metal Mining Co., Ltd.
<b>2017254871</b>	Sunovion Pharmaceuticals Inc.; Campbell, J.E.; Campbell, U.; Hanania, T.G.; Shao, L.	<b>2017372694</b>	MED-EL Elektromedizinische Geraete GmbH
<b>2017255549</b>	Beijing SMTP Technology Co., Ltd.	<b>2017372699</b>	MED-EL Elektromedizinische Geraete GmbH
<b>2017257393</b>	Rbon Holdings Pty Ltd	<b>2017373404</b>	Siemens Aktiengesellschaft
<b>2017257882</b>	Motz Enterprises, Inc.	<b>2017381677</b>	KM Biologics Co., Ltd.
<b>2017258880</b>	Emerald Kalama Chemical, LLC	<b>2017383372</b>	Heat and Control, Inc.
<b>2017261050</b>	LG Electronics Inc.	<b>2017384696</b>	Shenzhen Chuangwei-RGB Electronic Co., Ltd.
<b>2017261146</b>	Roadtec, Inc.	<b>2017390166</b>	Illumina, Inc.
<b>2017261474</b>	Forced Physics LLC	<b>2017396650</b>	Sumitomo Osaka Cement Co., Ltd.
<b>2017261537</b>	Apple Inc.	<b>2017409830</b>	Ping An Technology (Shenzhen) Co., Ltd.
<b>2017261541</b>	Genzyme Corporation	<b>2017414139</b>	Taiyuan University of Technology
<b>2017261581</b>	Janssen Pharmaceutica NV	<b>2018200107</b>	Janssen Pharmaceutica NV
<b>2017263785</b>	Anacor Pharmaceuticals, Inc.	<b>2018200222</b>	The Board of Trustees of the University of Illinois
<b>2017264328</b>	Telefonaktiebolaget LM Ericsson (publ)	<b>2018200237</b>	Acceleron Pharma, Inc.; Ludwig Institute for Cancer Research Ltd.
<b>2017265025</b>	Nyxoah SA	<b>2018200351</b>	Aristocrat Technologies Australia Pty Limited
<b>2017265100</b>	Agios Pharmaceuticals, Inc.	<b>2018200405</b>	Xenex Disinfection Services LLC
<b>2017266359</b>	Nippon Steel Corporation	<b>2018200502</b>	Calder Biosciences Inc.
<b>2017267771</b>	Komatsu Ltd.	<b>2018200603</b>	Newlenoir Limited
<b>2017268534</b>	Academisch Ziekenhuis Leiden; BioMarin Technologies B.V.	<b>2018200662</b>	Gelliner Limited
<b>2017268545</b>	LMK Technologies, LLC	<b>2018200776</b>	Gilead Sciences, Inc.
<b>2017269110</b>	Intuit Inc.	<b>2018200815</b>	KCI Licensing Inc.
<b>2017269248</b>	Volta 24 LLC	<b>2018201335</b>	Implantica Patent Ltd
<b>2017269595</b>	Intuit Inc.	<b>2018201475</b>	ATI Properties LLC
<b>2017269805</b>	Rite-Hite Holding Corporation	<b>2018201826</b>	Wilson Wolf Manufacturing Corporation
<b>2017269985</b>	Shell Internationale Research Maatschappij B.V.	<b>2018201847</b>	CLIFTON DEVELOPMENT AND DESIGNS PTY LTD
<b>2017271083</b>	Bobst Mex SA	<b>2018201948</b>	Gilead Pharmasset LLC
<b>2017271297</b>	Electrical Subsea & Drilling AS	<b>2018201970</b>	New Market Pharmaceuticals
<b>2017272198</b>	3M Innovative Properties Company	<b>2018202103</b>	Tata Consultancy Services Limited
<b>2017272330</b>	Variation Biotechnologies, Inc.	<b>2018202241</b>	Wix.com Ltd.
<b>2017272507</b>	Borealis AG	<b>2018202351</b>	Philip Morris Products S.A.
<b>2017273560</b>	Manufacturing Resources International, Inc.	<b>2018202366</b>	KT Corporation
<b>2017275209</b>	Taiho Pharmaceutical Co., Ltd.	<b>2018202389</b>	CJ Cheiljedang Corporation
<b>2017276220</b>	Thru Tubing Solutions, Inc.	<b>2018202411</b>	Apple Inc.
<b>2017276258</b>	Northwestern University; The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Kansas	<b>2018202428</b>	Canon Kabushiki Kaisha
<b>2017276457</b>	Jacobio Pharmaceuticals Co., Ltd.	<b>2018202453</b>	Canon Kabushiki Kaisha
<b>2017278547</b>	LG Electronics Inc.	<b>2018203171</b>	Vaz, G.
<b>2017279700</b>	Huawei Technologies Co., Ltd.	<b>2018203196</b>	Avery Dennison Corporation
<b>2017279780</b>	Centogene IP GmbH	<b>2018203322</b>	Halliburton Energy Services, Inc.
<b>2017280200</b>	Colgate-Palmolive Company	<b>2018203802</b>	Glasspoint Solar, Inc.
<b>2017281628</b>	eBay Inc.	<b>2018204072</b>	Seven Marine, LLC
<b>2017285446</b>	Teh Yor Co., Ltd.	<b>2018204328</b>	Samsung Electronics Co., Ltd.
<b>2017287187</b>	Wuhan TTium Motor Technology Co., Ltd.	<b>2018204346</b>	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
<b>2017297989</b>	Osteros Biomedica Ltd	<b>2018205139</b>	Ghosh, K.
<b>2017299334</b>	Glory Ltd.	<b>2018206774</b>	Apple Inc.
<b>2017304583</b>	Shell Internationale Research Maatschappij B.V.	<b>2018208727</b>	Corning Optical Communications LLC
<b>2017305190</b>	Vinventions USA, LLC	<b>2018211231</b>	Globetek 2000 Pty Ltd; The Federal State Autonomous Educational Institution of The Higher Professional Edu-
<b>2017305901</b>	Nisshin Steel Co., Ltd.		

## Applications Accepted - Numerical Index cont'd

cation "National University of Science and Technology  
"MISIS"  
**2018214474** Harrison Legacy 301, LLC  
**2018217926** ADC Therapeutics SA; MedImmune Limited  
**2018218354** Opterion Health AG  
**2018220008** Symbol Technologies, LLC  
**2018226522** Koninklijke Philips N.V.  
**2018229514** Wright Medical Technology, Inc.  
**2018229541** Stichting IMEC Nederland  
**2018236738** Kambouris, A.  
**2018236820** Boston Scientific Neuromodulation Corporation  
**2018236903** Pierotti, E.  
**2018237814** SoftBank Corp.  
**2018241105** Oracle International Corporation  
**2018241181** Xinjiang Goldwind Science & Technology Co., Ltd.  
**2018264650** KBA-Notasys SA  
**2018267535** Monsanto Technology, LLC  
**2018267562** Prism Surgical Designs Pty Ltd  
**2018267585** AGCO Corporation  
**2018282336** Ono Pharmaceutical Co., Ltd.  
**2018282367** Mancone, G.; Mancone, D.  
**2018284723** Xinjiang Goldwind Science & Technology Co., Ltd.  
**2018330959** China University of Mining and Technology; Xuzhou  
Zhirun Mining Equipment Science and Technology  
Co.,Ltd  
**2018347008** Holden, E.  
**2018358934** Tionesta, LLC  
**2018359124** Lin, Y.  
**2018378010** CJ Cheiljedang Corporation  
**2019200623** Presbyopia Therapies, LLC  
**2019200760** Colgate-Palmolive Company  
**2019200762** Colgate-Palmolive Company  
**2019201691** Aihol Corporation  
**2019202294** Covidien LP  
**2019202347** Biosense Webster (Israel) Ltd.  
**2019202591** Solarlytics, Inc.  
**2019213398** Nextleaf Solutions Ltd.  
**2019226143** Dropbox, Inc.



IPC Index

<b>A01B 13 /-</b>	<b>A01N 47 /-</b>	<b>A23L 2 /-</b>	2018226522	2017349539	2014284304
2017203627	2015317715	2017239890	<b>A47J 27 /-</b>	2018202103	2014290367
<b>A01B 3 /-</b>	<b>A01N 55 /-</b>	2017241865	2014363243	2018229541	2014330977
2017248459	2015317715	<b>A23L 23 /-</b>	<b>A47J 31 /-</b>	2018236820	2014332214
<b>A01B 63 /-</b>	<b>A01N 57 /-</b>	2015366444	2015367616	2019202347	2014344789
2017203627	2015317715	2015366447	2016231185	<b>A61B 50 /-</b>	2014351802
<b>A01C 1 /-</b>	<b>A01N 61 /-</b>	<b>A23L 27 /-</b>	<b>A47J 43 /-</b>	2018205139	2014372690
2018267535	2014206502	2017239890	2016231185	<b>A61B 8 /-</b>	2015209133
<b>A01C 5 /-</b>	<b>A01N 63 /-</b>	2017241865	<b>A47L 13 /-</b>	2015252654	2015246577
2017203627	2015300988	<b>A23L 29 /-</b>	2015312310	2015273578	2015342790
<b>A01C 7 /-</b>	2015317715	2015366447	<b>A47L 15 /-</b>	2015279105	2015295376
2017203627	2018267535	2016220533	2017278547	2015335783	2015342790
<b>A01D 34 /-</b>	<b>A01P 1 /-</b>	<b>A23L 3 /-</b>	<b>A47L 5 /-</b>	<b>A61C 19 /-</b>	2015355612
2017200966	2014206502	2016358285	2017314588	2017205470	2016227080
<b>A01F 15 /-</b>	2018267535	2016358286	2017314625	<b>A61D 1 /-</b>	2016282790
2018267585	<b>A01P 21 /-</b>	<b>A23L 33 /-</b>	<b>A47L 9 /-</b>	2016256812	2016301113
<b>A01H 3 /-</b>	2014206502	2015327029	2017314588	<b>A61F 13 /-</b>	2016313439
2014206502	2015317715	<b>A24B 15 /-</b>	2017314625	2015235782	2016327857
<b>A01H 5 /-</b>	2016239625	2017358570	<b>A61B 1 /-</b>	2015324292	2017216533
2018267535	2018267535	<b>A24B 3 /-</b>	2015332613	2017218300	2017221707
<b>A01K 1 /-</b>	<b>A01P 3 /-</b>	2017358570	2019202347	2018229541	2017221796
2015384982	2014206502	<b>A24D 3 /-</b>	2014318540	<b>A61F 2 /-</b>	2017232476
<b>A01K 13 /-</b>	2015317715	2017358570	2014365821	2014318540	2017248486
2016256812	2016239625	<b>A24F 47 /-</b>	2014376197	2014349155	2017251837
<b>A01K 23 /-</b>	2018267535	2015252164	2015320378	2015225859	2017263785
2015384982	2016358285	2015252166	2016268130	2016268130	2017265100
<b>A01K 61 /-</b>	2016358286	2017315219	2016366191	2016366191	2017272198
2017347309	<b>A23F 3 /-</b>	2017358570	<b>A61B 17 /-</b>	2016403450	2017275209
<b>A01N 25 /-</b>	2015332972	<b>A41B 11 /-</b>	2018201335	2017203661	2017276457
2017241865	2017239890	2015332972	2018211231	2017279780	2017297989
<b>A01N 37 /-</b>	2017241865	<b>A43B 17 /-</b>	2018229514	2018201948	2018201948
2015317715	<b>A23G 9 /-</b>	2015332972	2019202294	2018218354	2018218354
<b>A01N 41 /-</b>	2014378631	<b>A45C 9 /-</b>	2014318540	2018282336	2018282336
2016217116	<b>A23K 20 /-</b>	2015268995	2014365821	2019200623	2019200623
<b>A01N 43 /-</b>	2018236903	<b>A47C 17 /-</b>	2014376197	2019201691	2019201691
2015317715	<b>A23K 50 /-</b>	2015268995	2015320378	<b>A61K 33 /-</b>	2018236903
2016217116	2018236903	<b>A47D 7 /-</b>	2016268130	<b>A61F 9 /-</b>	2018236903
<b>A01N 43 /-</b>	<b>A23L 11 /-</b>	2015268995	2016366191	2015317532	<b>A61K 35 /-</b>
2015317715	2015366444	<b>A47J 19 /-</b>	2017203661	<b>A61G 5 /-</b>	2014278835
2016239625			2017217654	2015263906	2014352015
			2017255549	2016339367	2014352846
			2018201335	<b>A61J 1 /-</b>	2016336235
			2018211231	2015271302	2017204774
			2018229514	<b>A61J 3 /-</b>	<b>A61K 38 /-</b>
			2019202294	2015338159	2014278835
			<b>A61B 18 /-</b>	<b>A61K 31 /-</b>	2014352846
			2015332613	2012395641	2014377106
			<b>A61B 34 /-</b>	2014236140	2015231170
			2014202062	2014265275	2015266818
			<b>A61B 5 /-</b>	2014266812	2015283822
			2014318540	2014273471	2015314292
			2015299180	2014274890	2016301113
			2015305032	2014277262	2016401692
			2015321376	2014278835	2017216533
			2015323511	2014280235	2017248486
			2016221435		2017249694
			2016339367		2017381677
			2017265025		

## Applications Accepted - IPC Index cont'd

<b><u>A61K 39/-</u></b>	<b><u>A61L 15/-</u></b>	2014290367	2014265275	<b><u>A61Q 11/-</u></b>	2016348816
2014259719	2014265275	2015246577	2014266812	2017280200	<b><u>B01D 53/-</u></b>
2014261497	2017218300	2015252654	2014273471	2019200760	2016346797
2014352846		2016227080	2014277262	2019200762	
2014357450	<b><u>A61L 2/-</u></b>	2016301113	2014278835		<b><u>B01D 61/-</u></b>
2014377106		2018282336	2014332214	<b><u>A61Q 13/-</u></b>	2015275031
2015241107	2018200405		2015246577	2015208697	
2015245530		<b><u>A61P 13/-</u></b>	2017204774		<b><u>B01D 63/-</u></b>
2016298227	<b><u>A61L 27/-</u></b>	2015246577	2018201948	<b><u>A61Q 15/-</u></b>	2016202698
2016333955		2015355612	2018236903	2015208697	
2017203501	2016268130	2016301113			<b><u>B01D 67/-</u></b>
2017204774		2018282336	<b><u>A61P 33/-</u></b>	2015208697	2014283619
2017216546	<b><u>A61M 1/-</u></b>		2017263785		<b><u>B01D 69/-</u></b>
2017249694		<b><u>A61P 15/-</u></b>	2018236903	<b><u>A61Q 17/-</u></b>	
2017261541	2015323511	2014277262	2018282336	2014314265	
2017272330	2016202698			2016416435	<b><u>B01D 69/-</u></b>
2018200502	2017204434	<b><u>A61P 17/-</u></b>		2017280200	
	2018200815	2014277262	<b><u>A61P 35/-</u></b>		
	2018218354		2014277262	<b><u>A61Q 19/-</u></b>	2014283619
<b><u>A61K 45/-</u></b>	<b><u>A61M 11/-</u></b>	2015246577	2014344789	2016416435	<b><u>B01D 71/-</u></b>
2014277262		2015252654	2014377106		2014283619
2017248486	2016246359	2016301113	2015246577	<b><u>A63B 21/-</u></b>	2016202698
2017279780	2017315219	2016401692	2015252654		<b><u>B01J 31/-</u></b>
2018282336		2018204346	2015279105	2018214474	
	<b><u>A61M 15/-</u></b>	2018282336	2016327857		<b><u>B01J 8/-</u></b>
			2017248486	<b><u>A63B 23/-</u></b>	2017269985
<b><u>A61K 47/-</u></b>	2015308424	<b><u>A61P 19/-</u></b>	2017265100	2018214474	
2015245530	2016246359	2014277262	2017275209		<b><u>B01J 8/-</u></b>
2016336235	2017315219	2015246577	2017276457	<b><u>A63B 33/-</u></b>	2017304583
2016343855		2016301113	2017297989	2017236043	
2017272330	<b><u>A61M 25/-</u></b>	2017276457	2018200237		<b><u>B01L 3/-</u></b>
2017297989		2017297989		<b><u>A63B 39/-</u></b>	2014352015
2018217926	2014349155	<b><u>A61P 21/-</u></b>	2012395641	2018347008	2015283320
2018218354	2015324033	2014236140	2014290367	<b><u>A63B 69/-</u></b>	<b><u>B02C 17/-</u></b>
2019201691		2015252654	2014352846	2014209998	2017396650
	<b><u>A61M 29/-</u></b>	2015355612	2015245530	<b><u>A63F 13/-</u></b>	<b><u>B05B 3/-</u></b>
<b><u>A61K 48/-</u></b>		2017276457	2015252654	2017384696	2016232510
2016401692	2014349155		2015335783	2018200351	<b><u>B05D 3/-</u></b>
	2015324033	<b><u>A61P 25/-</u></b>	2015355612		2017305901
		2014277262	2018200237	<b><u>A63H 1/-</u></b>	<b><u>B05D 7/-</u></b>
<b><u>A61K 49/-</u></b>	<b><u>A61M 3/-</u></b>		2019201691	2018347008	
2016313439		<b><u>A61P 27/-</u></b>		<b><u>A63H 17/-</u></b>	2017305901
2016343855	2015298741	2014277262	<b><u>A61P 43/-</u></b>	2015394401	<b><u>B07C 5/-</u></b>
		2015246577	2014330977		2017208922
<b><u>A61K 51/-</u></b>	<b><u>A61M 39/-</u></b>	2015252654	2016227080	<b><u>A63H 9/-</u></b>	<b><u>B22C 1/-</u></b>
2014357450		2015355612	2017232476	2015394401	2017214133
	2015228755	2016282790	2017275209		<b><u>B07C 5/-</u></b>
<b><u>A61K 8/-</u></b>	2017358559	2016343855	2018282336	<b><u>A63H 9/-</u></b>	2017208922
2014314265		<b><u>A61P 27/-</u></b>		2015394401	<b><u>B22C 1/-</u></b>
2015208697	<b><u>A61M 5/-</u></b>	2014277262	<b><u>A61P 5/-</u></b>		<b><u>B07C 5/-</u></b>
2016416435			2015252654	<b><u>A63H 9/-</u></b>	2017208922
2017280200	2015214400	<b><u>A61P 29/-</u></b>	2017216533	2015394401	<b><u>B22C 1/-</u></b>
2019200760	2015218864	2014277262	2017251837		2017214133
2019200762			<b><u>A61P 7/-</u></b>	<b><u>B01D 11/-</u></b>	<b><u>B22D 17/-</u></b>
	<b><u>A61N 1/-</u></b>	2014277262	2015283822	2016247472	
<b><u>A61K 9/-</u></b>		2015246577	2017381677	2019213398	2016372755
2014274890	2015339355	2015252654			<b><u>B22F 1/-</u></b>
2014280235	2017265025	2015273578	<b><u>A61P 9/-</u></b>	<b><u>B01D 25/-</u></b>	2014246723
2014358675	2017372694	2015335783	2014277262	2016406376	
2015207464	2017372699	2019201691	2015246577		<b><u>B22F 7/-</u></b>
2015244399	2018236820		2015295376	<b><u>B01D 29/-</u></b>	2017267771
2015245530		<b><u>A61P 1/-</u></b>	2016301113	2016348816	
2016336235	<b><u>A61P 1/-</u></b>	2014351802	2017221796		
2017272198		2015252654	2017276457	<b><u>B01D 33/-</u></b>	
2017272330	2015246577	2015314292			
2017297989	2015252654	2017216546			
2018201970	2016301113				
2018218354	2018282336	<b><u>A61P 31/-</u></b>			
	<b><u>A61P 11/-</u></b>				

Applications Accepted - IPC Index cont'd

<b>B25D 17 /-</b>			2015238929	2014372690	2018282336
2017267771	<b>B60B 1 /-</b>	<b>B65D 5 /-</b>		2015246577	
	2017251794	2015222912	<b>B65H 5 /-</b>	<b>C07C 237 /-</b>	<b>C07D 215 /-</b>
<b>B25F 5 /-</b>		2015293638	2017271083		2015252654
2016355627	<b>B60B 27 /-</b>			2016217617	2017221796
	2015349936	<b>B65D 51 /-</b>	<b>B65H 7 /-</b>	2017265100	
<b>B27K 3 /-</b>		2018236738	2017271083	<b>C07C 29 /-</b>	<b>C07D 231 /-</b>
2016228004	<b>B60G 9 /-</b>			2017329432	2015246577
	2015349936	<b>B65D 65 /-</b>	<b>B65H 9 /-</b>		2017221796
<b>B27K 5 /-</b>		2017359100	2017271083	<b>C07C 303 /-</b>	<b>C07D 233 /-</b>
2016228004	<b>B60M 3 /-</b>			2015252654	2015341596
	2015341563	<b>B65D 71 /-</b>	<b>B66B 1 /-</b>		2017221796
<b>B29C 45 /-</b>		2015222912	2016363764	<b>C07C 311 /-</b>	
2015357525	<b>B60T 13 /-</b>			2015252654	<b>C07D 239 /-</b>
	2016269758	<b>B65D 75 /-</b>	<b>B66B 11 /-</b>	2017221796	2015252654
<b>B29C 49 /-</b>		2017312553	2016374702	<b>C07C 317 /-</b>	2016327857
2016284878	<b>B60T 17 /-</b>			2017221796	2017221796
	2016269758	<b>B65D 77 /-</b>	<b>B66B 13 /-</b>		2018282336
<b>B29C 65 /-</b>		2017312553	2016376176	<b>C07C 323 /-</b>	<b>C07D 241 /-</b>
2015238929	<b>B61F 5 /-</b>			2017221796	2017221796
	2016262092	<b>B65G 13 /-</b>	<b>B66B 19 /-</b>		
<b>B29L 31 /-</b>		2017269248	2016363764	<b>C07C 41 /-</b>	<b>C07D 249 /-</b>
2016284878	<b>B62D 33 /-</b>		2016374702		2017221796
	2016208495	<b>B65G 15 /-</b>	<b>B66B 5 /-</b>	2017232476	2017275209
<b>B31B 155 /-</b>		2017322741		<b>C07C 43 /-</b>	<b>C07D 263 /-</b>
2016367166	<b>B62M 11 /-</b>		2015202967		
	2017287187	<b>B65G 17 /-</b>	2016376176	2015252654	2015246577
<b>B31B 70 /-</b>		2017322741	2016378291	2017232476	
2016367166	<b>B62M 6 /-</b>		<b>B66D 5 /-</b>		<b>C07D 271 /-</b>
	2017287187	<b>B65G 23 /-</b>	2016428671	<b>C07C 45 /-</b>	2017275209
<b>B32B 13 /-</b>		2017269248		2015243186	
2016250371	<b>B63H 20 /-</b>		<b>C02F 3 /-</b>	2015252654	<b>C07D 333 /-</b>
	2018204072	<b>B65G 37 /-</b>	2017365413	2017329432	2017221707
<b>B32B 15 /-</b>		2017208922		<b>C07C 49 /-</b>	<b>C07D 401 /-</b>
2014411038	<b>B65B 3 /-</b>		<b>C04B 18 /-</b>	2015252654	
2017305901	2014378631	<b>B65G 39 /-</b>	2017396650		2014277262
		2017269248		<b>C07C 5 /-</b>	2015246577
<b>B32B 27 /-</b>	<b>B65B 39 /-</b>		<b>C04B 28 /-</b>		2015335783
2014411038	2014378631	<b>B65G 45 /-</b>	2017396650	2017304583	2016239625
2017359100		2017383372		<b>C07C 51 /-</b>	2016327857
	<b>B65B 51 /-</b>		<b>C04B 35 /-</b>		2017276457
<b>B32B 7 /-</b>	2015238929	<b>B65G 69 /-</b>	2017349542	2016339129	2018282336
2017359100		2017269805		2017329432	
	<b>B65B 61 /-</b>		<b>C04B 7 /-</b>	<b>C07D 207 /-</b>	<b>C07D 405 /-</b>
<b>B41J 13 /-</b>	2016367166	<b>B65H 18 /-</b>	2017396650		2015246577
2018359124		2017257882		2017221796	2016327857
	<b>B65B 9 /-</b>		<b>C05F 11 /-</b>		2017254871
<b>B42B 2 /-</b>	2016367166	<b>B65H 29 /-</b>	2016217116	<b>C07D 209 /-</b>	<b>C07D 409 /-</b>
2017236576		2018359124		2015246577	
	<b>B65C 9 /-</b>		<b>C05G 3 /-</b>	2015273578	2017221707
<b>B42D 25 /-</b>	2018203196	<b>B65H 3 /-</b>	2016217116	<b>C07D 211 /-</b>	<b>C07D 413 /-</b>
2014346306		2017271083	2018267535		2015246577
2015207358	<b>B65D 1 /-</b>			2015355612	2015335783
2017236576	2016284878	<b>B65H 31 /-</b>	<b>C07C 11 /-</b>	<b>C07D 213 /-</b>	2017275209
2018264650		2018359124	2017304583		
	<b>B65D 39 /-</b>			2015246577	<b>C07D 417 /-</b>
<b>B44C 3 /-</b>	2017305190	<b>B65H 35 /-</b>	<b>C07C 233 /-</b>	2015252654	2015335783
2016217824				2017221796	2017275209

Applications Accepted - IPC Index cont'd

<b>C07D 453 /-</b>	2017261581 2018200107 2018200222 2018200237 2018378010	<b>C08J 5 /-</b>	2018267535	<b>C22B 47 /-</b>	<b>D03D 15 /-</b>
2016227080		2015323562 2016357211	<b>C12N 15 /-</b>	2017365413	2017226209
<b>C07D 471 /-</b>	<b>C07K 16 /-</b>	<b>C08J 9 /-</b>	2012395641 2014236140 2014377106 2015231170 2015342790 2016340470 2016401692 2017204774 2017268534 2018200222 2018202389 2018378010	<b>C22C 1 /-</b>	<b>D05C 15 /-</b>
2015246577 2015295376 2015335783 2017272198 2017276457 2018282336	2014259719 2014261497 2014357450 2016298227 2017204032 2017216546 2017249694 2017261581 2018200107 2018200237 2018204346	2017305190 2017357352		2016218269 2016372755	2017353265
<b>C07D 487 /-</b>		<b>C08L 1 /-</b>		<b>C22C 19 /-</b>	<b>D06F 37 /-</b>
2015252654 2017261581 2017276258 2018200107 2018282336		2016247472		2018201475	2017330127 2017330139
	<b>C07K 19 /-</b>	<b>C08L 23 /-</b>	<b>C12N 5 /-</b>	<b>C22C 23 /-</b>	<b>D06F 39 /-</b>
	2014377106 2016401692 2017204032	2017272507	2013337951 2014352015 2015355187 2018267535	2016372755	2017203834 2017330127 2017330139
<b>C07D 491 /-</b>		<b>C08L 29 /-</b>		<b>C22C 38 /-</b>	<b>D21G 1 /-</b>
2017275209 2017276457 2018201948		2015323562		2017266359 2017267771	2016357211
	<b>C07K 5 /-</b>	<b>C08L 3 /-</b>	<b>C12N 7 /-</b>	<b>C22F 1 /-</b>	<b>E01C 19 /-</b>
	2014411038	2016217824	2015241107 2017204774 2018200502	2018201475	2016206933 2018282367
<b>C07D 498 /-</b>		<b>C08L 35 /-</b>		<b>C23C 28 /-</b>	<b>E01C 23 /-</b>
2017275209 2017276457	2015314292	2014411038		2016366239	2017261146
	<b>C07K 7 /-</b>	<b>C08L 63 /-</b>	<b>C12N 9 /-</b>	<b>C25B 1 /-</b>	<b>E01F 9 /-</b>
	2017216533	2014411038	2016401692 2017204032	2017329432 2017373404	2018282367
<b>C07D 519 /-</b>		<b>C08L 71 /-</b>		<b>C25B 11 /-</b>	<b>E02D 31 /-</b>
2015252654	<b>C08B 11 /-</b>	2014411038	<b>C12P 11 /-</b>	2017373404	2017216403
	2017218300		2016340470	<b>C25B 15 /-</b>	<b>E02D 5 /-</b>
<b>C07F 5 /-</b>	<b>C08B 30 /-</b>	<b>C08L 75 /-</b>	<b>C12P 13 /-</b>	2017329432 2017373404	2017216403
2015252654 2017263785	2016220533	2016357211	2018202389	<b>C25B 3 /-</b>	<b>E02F 9 /-</b>
	<b>C08B 31 /-</b>	<b>C08L 79 /-</b>	<b>C12P 17 /-</b>	2017329432	2015343491 2015343492 2017267771
<b>C07F 9 /-</b>		2014411038	2015243186	<b>C25B 9 /-</b>	<b>E04B 1 /-</b>
2014266812 2014351802 2018200776	2016220533	<b>C09C 1 /-</b>	<b>C12P 19 /-</b>	2017373404	2015305322 2017216403 2017257393
	<b>C08C 4 /-</b>	2016248559	2018378010	<b>C25D 11 /-</b>	<b>E04C 3 /-</b>
<b>C07H 17 /-</b>		<b>C09D 11 /-</b>	<b>C12P 21 /-</b>	2016366239	2017216403
2014332214 2015342790	2017272507	2017258880	2014357450	<b>C25D 21 /-</b>	<b>E04D 3 /-</b>
	<b>C08F 2 /-</b>	<b>C09K 8 /-</b>	<b>C12P 7 /-</b>	2016366239	2018201847
<b>C07H 19 /-</b>		2016261924	2015243186 2016340470	<b>C25D 5 /-</b>	<b>E04F 13 /-</b>
2018200776	2017272507	<b>C10G 1 /-</b>	<b>C12Q 1 /-</b>	2016366239	2015305322 2017216403
	<b>C08F 210 /-</b>	2017269985	2014302560 2014353050	<b>C25F 3 /-</b>	<b>E04H 15 /-</b>
<b>C07J 41 /-</b>		<b>C10G 3 /-</b>	<b>C21D 9 /-</b>	2016366239	2017203343
2017251837	<b>C08G 101 /-</b>	2017269985	2017266359	<b>D01F 6 /-</b>	<b>E04H 7 /-</b>
	2017357352	<b>C12M 3 /-</b>	<b>C22B 3 /-</b>	2017226209	2015203653
<b>C07K 1 /-</b>	<b>C08G 18 /-</b>	2018201826			
2017381677	2017357352	<b>C12M 1 /-</b>			
	<b>C08J 11 /-</b>	2014255759 2016340470 2017365413 2018202389			
<b>C07K 14 /-</b>					
2015231170 2015241107 2015266818 2015283822 2015342790 2016401692 2017248486 2017249694	2015323562				
	<b>C08J 3 /-</b>				
	2016261924				

Applications Accepted - IPC Index cont'd

<b><u>E05F 11 /-</u></b>	<b><u>F03D 1 /-</u></b>	<b><u>F16L 55 /-</u></b>	<b><u>F25D 19 /-</u></b>	2018330959	2018202241
2017235983	2015254843	2017268545	2016303866	<b><u>G01N 33 /-</u></b>	2019226143
<b><u>E06B 5 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>F16L 58 /-</u></b>	<b><u>F25D 23 /-</u></b>	2015279105	<b><u>G06F 21 /-</u></b>
2015202227	2018203171	2015345613	2016303866	2015283320	2016407391
<b><u>E06B 9 /-</u></b>	<b><u>F03D 7 /-</u></b>	<b><u>F16L 59 /-</u></b>	2016312798	2018204346	2017273560
2017206353	2018241181	2015265849	<b><u>F25D 27 /-</u></b>	<b><u>G01R 31 /-</u></b>	2017281628
2017285446	<b><u>F16D 51 /-</u></b>	2016303866	2016312798	2014353729	<b><u>G06F 3 /-</u></b>
<b><u>E21B 17 /-</u></b>	<b><u>F16D 55 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>F25D 29 /-</u></b>	<b><u>G01R 33 /-</u></b>	2014221336
2015289036	2015349936	2015299290	2016312798	2015221523	2014306758
2015324083	<b><u>F16D 65 /-</u></b>	<b><u>F21S 2 /-</u></b>	<b><u>F25D 3 /-</u></b>	<b><u>G01S 5 /-</u></b>	2014315443
2016295943	2016269758	2016334448	2016358285	2016363764	2016402132
2018203322	<b><u>F16D 19 /-</u></b>	<b><u>F21V 21 /-</u></b>	2016358286	<b><u>G01V 1 /-</u></b>	2018200351
<b><u>E21B 19 /-</u></b>	2015349936	<b><u>F21V 23 /-</u></b>	<b><u>F27D 1 /-</u></b>	<b><u>G02B 23 /-</u></b>	<b><u>G06F 7 /-</u></b>
2016249732	<b><u>F16H 25 /-</u></b>	2016334448	2017349542	2014327346	2017281628
2016295943	2015345611	<b><u>F21V 7 /-</u></b>	<b><u>F28D 1 /-</u></b>	<b><u>G02B 26 /-</u></b>	<b><u>G06F 9 /-</u></b>
<b><u>E21B 33 /-</u></b>	2017271297	2018200405	2015289763	2016244827	2015267334
2015304087	<b><u>F16J 15 /-</u></b>	<b><u>F21W 111 /-</u></b>	<b><u>F28D 7 /-</u></b>	<b><u>G02B 6 /-</u></b>	2015312008
2017276220	2016232510	2016334448	2015289763	<b><u>G02B 19 /-</u></b>	2015312010
<b><u>E21B 34 /-</u></b>	<b><u>F16K 1 /-</u></b>	<b><u>F22B 1 /-</u></b>	<b><u>F41A 9 /-</u></b>	<b><u>G02B 26 /-</u></b>	2016382945
2016285195	2015299290	2018200405	2017315776	2014346306	2017200426
2017271297	<b><u>F16K 31 /-</u></b>	<b><u>F22B 3 /-</u></b>	<b><u>F41G 1 /-</u></b>	<b><u>G02B 6 /-</u></b>	2017269110
<b><u>E21B 41 /-</u></b>	2015299290	2018203802	<b><u>F41G 11 /-</u></b>	<b><u>G02B 6 /-</u></b>	2017409830
2016295943	2016285195	<b><u>F22B 14 /-</u></b>	2016244827	<b><u>G02B 6 /-</u></b>	<b><u>G06K 19 /-</u></b>
<b><u>E21B 43 /-</u></b>	2017271297	<b><u>F22B 3 /-</u></b>	<b><u>F41G 11 /-</u></b>	2018208727	2014253050
2015304087	<b><u>F16K 35 /-</u></b>	2018203802	2016244827	<b><u>G02F 1 /-</u></b>	2014253051
2017216597	2015299290	<b><u>F23D 14 /-</u></b>	<b><u>F41G 3 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06K 9 /-</u></b>
2017276220	<b><u>F16K 47 /-</u></b>	2014203372	2016244827	2014346306	<b><u>G06K 9 /-</u></b>
<b><u>E21B 44 /-</u></b>	2016285195	<b><u>F24C 15 /-</u></b>	<b><u>F41H 5 /-</u></b>	<b><u>G03G 21 /-</u></b>	2015318702
2015203837	<b><u>F16L 11 /-</u></b>	2015257964	2015276312	2018202428	2016402132
<b><u>E21B 47 /-</u></b>	2015200011	<b><u>F24F 11 /-</u></b>	<b><u>G01B 11 /-</u></b>	2018202453	<b><u>G06Q 10 /-</u></b>
2016285195	2015345613	2016403463	2018220008	<b><u>G05B 19 /-</u></b>	2017227323
<b><u>E21B 7 /-</u></b>	<b><u>F16L 15 /-</u></b>	<b><u>F24F 3 /-</u></b>	<b><u>G01B 21 /-</u></b>	2016363764	2018202411
2016249732	2016394560	2018204328	2018284723	<b><u>G05D 7 /-</u></b>	<b><u>G06Q 20 /-</u></b>
2016295943	2017327625	<b><u>F24F 6 /-</u></b>	<b><u>G01B 7 /-</u></b>	2016285195	2018200662
<b><u>E21C 35 /-</u></b>	<b><u>F16L 21 /-</u></b>	2018204328	<b><u>G01B 11 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06T 1 /-</u></b>
2017232145	2015324083	<b><u>F24S 10 /-</u></b>	2014202578	2014202578	2014321129
<b><u>E21F 16 /-</u></b>	<b><u>F16L 27 /-</u></b>	2018204328	<b><u>G06F 13 /-</u></b>	<b><u>G06F 13 /-</u></b>	<b><u>G06T 17 /-</u></b>
2017414139	<b><u>F16L 27 /-</u></b>	<b><u>F25C 1 /-</u></b>	2014212834	2016363764	2014202062
<b><u>F01B 9 /-</u></b>	2016232510	2018203802	2014403783	<b><u>G06F 15 /-</u></b>	<b><u>G06T 7 /-</u></b>
2018200603	<b><u>F16L 37 /-</u></b>	2016358285	2014403783	2016285195	2018200662
<b><u>F02B 61 /-</u></b>	2017358559	2016358286	<b><u>G01N 1 /-</u></b>	<b><u>G06F 15 /-</u></b>	2018200662
2018204072	<b><u>F16L 53 /-</u></b>	2016358286	2014376197	2014213614	2017273560
	2015335367		<b><u>G01N 21 /-</u></b>	2014403783	2018220008
			<b><u>G01N 27 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G07D 7 /-</u></b>
				2016407391	2017299334
				<b><u>G06F 17 /-</u></b>	<b><u>G07F 17 /-</u></b>
				2014309394	2017409830
				2017200426	
				2017281628	

Applications Accepted - IPC Index cont'd

<b><u>G08B 1 /-</u></b>		2014403783	<b><u>H04W 4 /-</u></b>
2015221523	<b><u>H01Q 1 /-</u></b>	2017239506	2015312303
<b><u>G08B 17 /-</u></b>	2015315039	<b><u>H04L 25 /-</u></b>	2015343949
2017228427	2015315140	2016304879	2018358934
<b><u>G08B 21 /-</u></b>	<b><u>H02H 3 /-</u></b>	<b><u>H04L 27 /-</u></b>	<b><u>H04W 40 /-</u></b>
2015299180	2015341563	2016304879	2017239506
<b><u>G09F 3 /-</u></b>	<b><u>H02J 13 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 48 /-</u></b>
2018203196	2016257632	2015303845	2016321314
<b><u>G09F 9 /-</u></b>	<b><u>H02J 3 /-</u></b>	2016382945	<b><u>H04W 64 /-</u></b>
2017333829	2015291781	2017239506	2015355076
	2016257632	2017281628	<b><u>H04W 72 /-</u></b>
	2019202591	2018358934	2015312303
<b><u>G09G 5 /-</u></b>	<b><u>H02J 5 /-</u></b>	<b><u>H04L 5 /-</u></b>	2015332779
2017232176	2015291781	2016296261	2015355076
2017232179		2016304879	2016233842
2017232181	<b><u>H02J 50 /-</u></b>	2016391017	<b><u>H04W 76 /-</u></b>
<b><u>G11B 15 /-</u></b>	2015315039	2017264328	2016355266
2018241105	<b><u>H02J 7 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H04W 84 /-</u></b>
<b><u>G12B 13 /-</u></b>	2015291781	2015243877	2018237814
2018220008	2017261050	<b><u>H04N 1 /-</u></b>	<b><u>H04W 88 /-</u></b>
	2019202591	2017261537	2015343949
<b><u>H01G 9 /-</u></b>	<b><u>H02K 1 /-</u></b>	<b><u>H04N 19 /-</u></b>	2015355076
2015341596	2017269248	2016274617	2017279700
2016385211	<b><u>H02K 11 /-</u></b>	2016333221	<b><u>H05B 37 /-</u></b>
<b><u>H01H 33 /-</u></b>	2015345611	2018202366	2016334448
2015341563	<b><u>H02K 5 /-</u></b>	<b><u>H04N 21 /-</u></b>	<b><u>H05K 1 /-</u></b>
<b><u>H01J 61 /-</u></b>	2015345611	2015382316	2014411038
2018200405	<b><u>H02K 7 /-</u></b>	<b><u>H04N 5 /-</u></b>	
<b><u>H01L 23 /-</u></b>	2015345611	2017261537	
2017261474	<b><u>H02S 40 /-</u></b>	<b><u>H04N 7 /-</u></b>	
<b><u>H01L 31 /-</u></b>	2019202591	2015382316	
2014366257	<b><u>H04B 1 /-</u></b>	<b><u>H04R 1 /-</u></b>	
2019202591	2015332779	2018206774	
<b><u>H01L 51 /-</u></b>	<b><u>H04B 3 /-</u></b>	<b><u>H04R 25 /-</u></b>	
2015341596	2015358448	2018206774	
<b><u>H01M 8 /-</u></b>	<b><u>H04B 5 /-</u></b>	<b><u>H04W 12 /-</u></b>	
2015225569	2015315039	2016321314	
<b><u>H01P 1 /-</u></b>	2015315140	2017273560	
2015332613	<b><u>H04B 7 /-</u></b>	<b><u>H04W 16 /-</u></b>	
<b><u>H01P 3 /-</u></b>	2015355076	2015355076	
2015315039	2016304879	2016321314	
2015315140	2017279700	2018237814	
<b><u>H01P 5 /-</u></b>	2018237814	<b><u>H04W 24 /-</u></b>	
2015315140	<b><u>H04L 12 /-</u></b>	2015294419	

**Certified Innovation Patents**

**Name Index**

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

- 
- (71) Apple Inc.  
 (11) AU-B-2019100752  
 (21) 2019100752 (22) 11.07.2019  
 (54) Wearable computer with fitness machine connectivity for improved activity monitoring using caloric expenditure models  
 (51) Int. Cl.  
*A61B 5/02* ( 2006.01 )  
*A61B 5/0205* ( 2006.01 )  
*A61B 5/11* ( 2006.01 )  
*A63B 24/00* ( 2006.01 )  
*G16H 20/00* ( 2018.01 )  
 (31) 62/697,386 (32) 12.07.18 (33) US  
 16/129,664 12.09.18 US  
 (45) 03.10.2019  
 (72) RAO, Bharath Narasimha; STRASSER, Jennifer; SRINIVAS, Umamahesh; SHERIDAN, Kevin; OCHS, James; MAJJIGI, Vinay R.; RAGHURAM, Karthik Jayaraman; HUMBLET, Olivier; BLAHNIK, Jay  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) BUK (AUST) Pty Ltd  
 (11) AU-B-2019100670  
 (21) 2019100670 (22) 20.06.2019  
 (54) Shower Diverter Assembly  
 (51) Int. Cl.  
*E03C 1/02* ( 2006.01 )  
*A47K 3/28* ( 2006.01 )  
*F16K 11/00* ( 2006.01 )  
*F16K 11/07* ( 2006.01 )  
 (45) 03.10.2019  
 (72) Liu, Michael  
 (74) MEYER WEST IP PTY LTD
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- (71) JUSAND NOMINEES PTY LTD  
 (11) AU-B-2019100556  
 (21) 2019100556 (22) 24.05.2019  
 (54) SAFETY SYSTEM AND METHOD FOR PROTECTING AGAINST A HAZARD OF DRILL ROD FAILURE IN A DRILLED ROCK BORE  
 (51) Int. Cl.  
*E21B 23/01* ( 2006.01 )  
*E21B 11/00* ( 2006.01 )  
*E21B 12/00* ( 2006.01 )  
 (45) 03.10.2019  
 (62) 2015255248  
 (72) Noonan, Gerry  
 (74) ASTRAL IP PTY LIMITED
- 
- (71) Kilmallock (ACT) Pty Ltd  
 (11) AU-B-2018102074  
 (21) 2018102074 (22) 17.12.2018  
 (54) Curtain Blind  
 (51) Int. Cl.  
*A47H 13/00* ( 2006.01 )  
*A47H 15/00* ( 2006.01 )
- 
- A47H 23/04* ( 2006.01 )  
*E06B 9/36* ( 2006.01 )  
 (45) 03.10.2019  
 (62) 2015101931  
 (72) Kim, Sung Chul  
 (74) MEYER WEST IP PTY LTD
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- (71) Kilmallock (ACT) Pty Ltd  
 (11) AU-B-2018102075  
 (21) 2018102075 (22) 17.12.2018  
 (54) Blind-type Curtain  
 (51) Int. Cl.  
*A47H 13/00* ( 2006.01 )  
*A47H 15/00* ( 2006.01 )  
*A47H 23/04* ( 2006.01 )  
*E06B 9/36* ( 2006.01 )  
 (45) 03.10.2019  
 (62) 2015101931  
 (72) Kim, Sung Chul  
 (74) MEYER WEST IP PTY LTD
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- (71) Tidd Ross Todd Limited  
 (11) AU-B-2018102100  
 (21) 2018102100 (22) 20.12.2018  
 (54) A STEERING SYSTEM FOR OVERDIMENSION TRAILERS  
 (51) Int. Cl.  
*B62D 13/04* ( 2006.01 )  
*B60D 1/58* ( 2006.01 )  
*B62D 13/02* ( 2006.01 )  
 (45) 03.10.2019  
 (72) Barnes, Jason Ross; Carden, Bruce David  
 (74) James & Wells Intellectual Property
- 
- (71) Titan Ag Pty Ltd  
 (11) AU-B-2019100546  
 (21) 2019100546 (22) 22.05.2019  
 (54) AGRICULTURAL CHEMICAL COMPOSITION  
 (51) Int. Cl.  
*A01N 43/90* ( 2006.01 )  
*A01N 25/02* ( 2006.01 )  
*A01N 25/22* ( 2006.01 )  
*A01N 25/32* ( 2006.01 )  
 (31) 2018904866 (32) 20.12.18 (33) AU  
 (45) 03.10.2019  
 (72) Vaughan, Peter  
 (74) Phillips Ormonde Fitzpatrick

**Numerical Index**

**2018102074** Kilmallock (ACT) Pty Ltd  
**2018102075** Kilmallock (ACT) Pty Ltd  
**2018102100** Tidd Ross Todd Limited  
**2019100546** Titan Ag Pty Ltd  
**2019100556** JUSAND NOMINEES PTY LTD  
**2019100670** BUK (AUST) Pty Ltd  
**2019100752** Apple Inc.



**IPC Index**

**A01N 25 /-**

2019100546

**A01N 43 /-**

2019100546

**A47H 13 /-**

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**A47H 15 /-**

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**A47H 23 /-**

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**A47K 3 /-**

2019100670

**A61B 5 /-**

2019100752

**A63B 24 /-**

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**B60D 1 /-**

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**B62D 13 /-**

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**E03C 1 /-**

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**E06B 9 /-**

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**E21B 11 /-**

2019100556

**E21B 12 /-**

2019100556

**E21B 23 /-**

2019100556

**F16K 11 /-**

2019100670

**G16H 20 /-**

2019100752

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2016244241 **The Broad Institute, Inc.; President and Fellows of Harvard College; Massachusetts Institute of Technology** ( JH Corporate Services Pty Ltd )
- 2016265876 **Motion Metrics International Corp** ( CQMS Pty Ltd )

**Patents Granted**

**Standard Patents**

2011320038	2012391923	2012395918	2013260734
20133293116	2013302701	2013308377	2013317894
2013326932	2013331977	2013332380	2013340443
2013350330	2013366088	2013399469	2013408730
2014215988	2014221192	2014227491	2014228116
2014228778	2014229726	2014230084	2014231341
2014244601	2014246671	2014249328	2014253115
2014253978	2014254052	2014254053	2014254056
2014254058	2014254059	2014257207	2014258068
2014259528	2014262453	2014262923	2014264761
2014268531	2014270597	2014275404	2014280925
2014283452	2014284654	2014292483	2014306863
2014306879	2014310932	2014331537	2014335892
2014348840	2014349158	2014364218	2014367039
2014372696	2014374603	2014381593	2014388291
2014389741	2014411121	2014415910	2015200058
2015203601	2015204552	2015204580	2015204761
2015205345	2015209065	2015209310	2015210742
2015213345	2015214502	2015217802	2015219311
2015219525	2015220889	2015220916	2015222306
2015227137	2015237282	2015240421	2015242236
2015242405	2015247646	2015256526	2015256770
2015261476	2015261875	2015265819	2015266445
2015266832	2015269370	2015270203	2015275057
2015280768	2015284283	2015284560	2015285725
2015289669	2015290015	2015293608	2015294331
2015294473	2015294869	2015295064	2015297053
2015300325	2015302214	2015303888	2015307014
2015309342	2015312327	2015312625	2015313920
2015314165	2015316795	2015318364	2015321522
2015326543	2015332493	2015335289	2015336300
2015336869	2015337065	2015342937	2015346197
2015346245	2015349814	2015353785	2015355369
2015361317	2015362707	2015367977	2015369628
2015370269	2015374229	2015374424	2015379291
2015381427	2015387284	2015397501	2015419256
2016200185	2016211820	2016212229	2016213482
2016216677	2016220438	2016228857	2016238290
2016238736	2016246629	2016248388	2016254153
2016258594	2016260760	2016264750	2016266065
2016267549	2016268944	2016269145	2016271694
2016273638	2016276446	2016277986	2016282134
2016283973	2016284767	2016286192	2016287581
2016290738	2016291544	2016291894	2016297308
2016299576	2016302499	2016303994	2016318161
2016327048	2016328072	2016332616	2016333997
2016335832	2016335996	2016344138	2016344434
2016349784	2016351383	2016351569	2016359060
2016365191	2016368616	2016369269	2016370459
2016370950	2016381178	2016385263	2016388305
2016388940	2016392853	2016410550	2016419240
2017200637	2017201995	2017202040	2017202530
2017202625	2017202652	2017202670	2017202841
2017202874	2017202957	2017203890	2017203926
2017203984	2017204233	2017204251	2017204515
2017204645	2017204851	2017204856	2017204861

**Patents Granted**

**Standard Patents**

2017206264	2017206283	2017208383	2017210623
2017210978	2017211672	2017211683	2017213475
2017213583	2017213807	2017215684	2017218982
2017219081	2017219106	2017220404	2017221146
2017225042	2017225155	2017228545	2017228689
2017232106	2017232117	2017232119	2017232227
2017236020	2017236411	2017239514	2017242181
2017242867	2017244288	2017245418	2017245470
2017248417	2017248578	2017249925	2017251749
2017251750	2017251774	2017254872	2017254943
2017258928	2017260021	2017261453	2017261497
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2017273245	2017279722	2017279732	2017290667
2017293646	2017308819	2017335251	2017338192
2017368927	2017379159	2017396649	2017399742
2017405410	2017411816	2018200017	2018200028
2018200051	2018200192	2018200332	2018200547
2018200771	2018200886	2018200962	2018201233
2018201427	2018201524	2018201767	2018202695
2018202970	2018203321	2018203393	2018203520
2018203522	2018203855	2018203912	2018206713
2018223038	2018229476	2018236809	2018241102
2018260945	2018260947	2018274900	2018282350
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2019202218			

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2014101657	2015101967	2017101859	2017101860
2018102139	2018102140	2018102141	2019100917
2019100921	2019100923	2019100928	2019100944
2019100950	2019100951	2019100952	2019100954
2019100955	2019100956	2019100957	2019100958
2019100959	2019100960	2019100961	2019100962
2019100963	2019100964	2019100965	2019100966
2019100967	2019100969	2019100970	2019100971
2019100972	2019100973	2019100974	2019100975
2019100978	2019100979	2019100980	

**Assignments Registered**

- 2004201936 Sistema Plastics Australia Limited The patent has been assigned to **Sistema Plastics Limited**
- 2004225409 Sisvel International S.A. The patent has been assigned to **AEGIS 11 S.A.**
- 2004240053 Sisvel International S.A. The patent has been assigned to **AEGIS 11 S.A.**
- 2005317315 Sistema Plastics Australia Limited The patent has been assigned to **Sistema Plastics Limited**
- 2006219140 Sistema Plastics Australia Limited The patent has been assigned to **Sistema Plastics Limited**
- 2007250560 Acturum Real Estate AB The patent has been assigned to **Acturum Life AB**
- 2007264252 LTB Lasertechnik Berlin GmbH The patent has been assigned to **Magnosco GmbH**
- 2008256636 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2008270034 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2008278300 Calera Corporation The patent has been assigned to **ARELAC, INC.**

**Assignments Registered**

- 2008278301 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009201907 Sistema Plastics Australia Limited The patent has been assigned to **Sistema Plastics Limited**
- 2009240866 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009260036 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009270879 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009271304 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009287462 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009287463 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009287464 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009287466 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009290159 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2009290161 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2010200355 Sistema Plastics Australia Limited The patent has been assigned to **Sistema Plastics Limited**
- 2010201006 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2010201374 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2010241343 Fung, Nathan; Fung, Richard The patent has been assigned to **Ullrich Aluminium Pty Ltd**
- 2010337357 Calera Corporation The patent has been assigned to **ARELAC, INC.**
- 2011253861 Sistema Plastics Australia Limited The patent has been assigned to **Sistema Plastics Limited**
- 2012221792 Sistema Plastics Australia Limited The patent has been assigned to **Sistema Plastics Limited**
- 2013243271 Kosivana Holdings Limited The patent has been assigned to **Wave Neuroscience, Inc.**
- 2014222454 Sustainable Agro Solutions, SA The patent has been assigned to **Kamad Knowledge Solutions SL**
- 2018101680 Bared Pty Ltd The patent has been assigned to **Bared Trading Pty Ltd**

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

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

- 2001021761 Sandvik Mining and Construction Oy ( Sandvik Mining and Construction Australia Pty Ltd )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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

2009267401 **Sanofi Pasteur**

The earliest first regulatory approval date provided by the patentee 20 Jul 2017

For the goods DENG VAXIA dengue tetravalent vaccine

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

2011338200 **The Trustees of the University of Pennsylvania**

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

For the goods T-Cells - Tisagelecleucel cryopreserved - T - Kymriah

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

**Extensions granted**

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

2012202916 **Wyeth Holdings Corporation**

The earliest first regulatory approval date provided by the patentee 14 Aug 2013

For the goods BEXSERO multi-component meningococcal B vaccine ; TRUMENBA Meningococcal group B vaccine

Extension of Term of patent pursuant to Section 77 expires on 11 Oct 2027

**Corrigenda**

In Vol 32 , No 43 , Page(s) 6001 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ripurup Company S.A., Application No. 2017231766, under INID (71) add co-applicant Josef Schucker

In Vol 32 , No 43 , Page(s) 6001 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ripurup Company S.A., Application No. 2017231766, Under INID (72) add co-inventor Bissen, Monique

In Vol 33 , No 30 , Page(s) 4361 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name CinRx Pharma, LLC, Application No. 2018231044, under INID (54) correct the title to read Pharmaceutical formulations of phloroglucinol and trimethylphloroglucinol

In Vol 33 , No 30 , Page(s) 4372 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name LG Electronics Inc., Application No. 2018244982, under INID (31) insert 62/501,776; under INID (32) insert the date 05.05.17; under INID (33) insert US

In Vol 33 , No 35 , Page(s) 5018 under the heading **Applications Accepted - Name Index** Under the name Ripurup Company S.A., Application No. 2017231766, under INID (71) add co-applicant Josef Schucker

**Corrigenda**

In Vol 33 , No 35 , Page(s) 5018 under the heading **Applications Accepted - Name Index** Under the name Riprup Company S.A., Application No. 2017231766, Under INID (72) add co-inventor Bissen, Monique

**Specifications Republished**

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

2012396787	<b>Turnstone Limited Partnership</b>
2015263771	<b>Annsca Energy Pty Ltd</b>
2015312326	<b>Belanger, Inc.</b>
2016426570	<b>GenomSys SA</b>
2017204506	<b>BASF Corporation</b>
2017210643	<b>Angel.com</b>
2017219079	<b>Regeneron Pharmaceuticals, Inc.</b>
2017279707	<b>Conventus Orthopaedics, Inc.</b>