



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	392
Amendments Made .....	393
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	395

#### Applications Accepted

Name Index .....	476
Numerical Index .....	506
IPC Index .....	509

Applications with amended filing dates Reg 3.5(A). .....	383
--	-----

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	384
---	-----

#### Applications Open to Public Inspection

Name Index .....	398
Numerical Index .....	420
IPC Index .....	423

Assignments before Grant, Section 113 .....	387
---	-----

Assignments Registered .....	517
------------------------------	-----

#### Certified Innovation Patents

Name Index .....	514
Numerical Index .....	515
IPC Index .....	516

#### Complete Applications Filed

Name Index .....	372
Numerical Index .....	379

Corrigenda .....	528
------------------	-----

<b>Extensions of Term of Standard Patents .....</b>	<b>528</b>
<b>Extensions of Time, Section 223 .....</b>	<b>392</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	381
Numerical Index .....	383
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	426
Numerical Index .....	439
IPC Index .....	441
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	443
Numerical Index .....	468
IPC Index .....	471
<b>Patents Granted .....</b>	<b>517</b>
<b>Licences Registered .....</b>	<b>528</b>
<b>Mortgages Registered .....</b>	<b>528</b>
<b>Provisional Applications Filed</b>	
Name Index .....	368
Numerical Index .....	371
<b>Specifications Republished .....</b>	<b>529</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) 23 January 2020**  
**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***AL-KO International Pty Ltd v Cruisemaster Australia Pty Ltd [2020] APO 1***

Patent Application: 2006207859

Title: A coupling assembly

Patent Applicant: Cruisemaster Australia Pty Ltd

Opponent: AL-KO International Pty Ltd

Hearing Officer: Dr S.D. Barker – Deputy Commissioner of Patents

Decision Date: 9 January 2020

Hearing Date: Written submissions filed on 28 October 2019, 11 November 2019 and 18 November 2019

Catchwords: **PATENTS** – allowability of amendment after grant – none of the grounds of opposition are made out – costs awarded

Representation: Patent attorney for the applicant: Michael Buck IP  
Patent attorney for the opponent: Phillips Ormonde Fitzpatrick

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 7 Jan 2020 .

(71) Australian Electric Car Manufacturing Pty Ltd (21) 2020900069 (22) 10.01.2020 (54) Floating evaporation control device	(71) Circulatory Support Technologies Pty Ltd (21) 2020900070 (22) 10.01.2020 (54) TOTAL ARTIFICIAL HEART DEVICE AND SYSTEM	(71) Gratton-Wilson, L. (21) 2020900025 (22) 07.01.2020 (54) A method for embedding information of provenance on individual shellfish
(71) Baraja Pty Ltd (21) 2020900029 (22) 07.01.2020 (54) Adaptive spatial estimation system	(71) CLARKE, P. (21) 2020900063 (22) 09.01.2020 (54) Radiator fan heater	(71) Gumley, T. (21) 2020900068 (22) 10.01.2020 (54) Methods and compositions for treatment of xenoantigens.
(71) BFRE Pty Ltd (21) 2020900052 (22) 08.01.2020 (54) Steel column Assembly	(71) Clean Powr Pty Ltd (21) 2020900019 (22) 06.01.2020 (54) Modular Energy Apparatus	(71) International Scientific Pty Ltd (21) 2020900021 (22) 06.01.2020 (54) Method for Enhanced Delivery of Hair-care Agents
(71) Blueprint Acoustics Pty Ltd (21) 2020900017 (22) 06.01.2020 (54) Vehicle External Sound System	(71) ConveyorTech Pty Ltd (21) 2020900018 (22) 06.01.2020 (54) Conveyor Belt Cleaning Apparatus	(71) International Scientific Pty Ltd (21) 2020900024 (22) 06.01.2020 (54) Method for Enhanced Delivery of Liquids to Surfaces
(71) Blueprint Acoustics Pty Ltd (21) 2020900057 (22) 09.01.2020 (54) Vehicle External Sound System	(71) Craig, R. (21) 2020900013 (22) 05.01.2020 (54) ARTICLE AND DRESSING FOR IMPROVED HEALING AND METHODS OF USE	(71) International Scientific Pty Ltd (21) 2020900022 (22) 06.01.2020 (54) Method for Enhanced Delivery of Membrane Active Agents
(71) Canning, J. (21) 2020900009 (22) 04.01.2020 (54) Remote power delivery to sensors in the building sector and infrastructure via fibre. This overcomes the need for at sensor energy harvesting and energy harvesting or conventional power can be sent to the sensors remotely. This enables hybrid wireless fibre technologies to optimise sensor networks. See attached paper as example study.	(71) enLighten Australia Pty Ltd (21) 2020900066 (22) 10.01.2020 (54) Emergency Exit System Component Failure of Maintenance	(71) Khamal, L. (21) 2020900015 (22) 05.01.2020 (54) Magnetic Power Unit
(71) CIRCULAR PRODUCTS PTY LTD (21) 2020900026 (22) 07.01.2020 (54) RECYCLABLE VESSEL FOR A FLOWABLE SUBSTANCE AND USES THEREOF	(71) Ferman, M. (21) 2020900065 (22) 10.01.2020 (54) A Method and Apparatus for Constructing a Building Structure	<b>Kohodo Hydrogen Energy Pty Ltd see NewSouth Innovations Pty Limited</b> (21) 2020900067
(71) Gardner, A. (21) 2020900054 (22) 09.01.2020 (54) Plastic water bottle.	(71) Gram Engineering Pty Ltd (21) 2020900030 (22) 07.01.2020 (54) Improvements relating to picket fences	(71) LAN CORP SECURITY AUSTRALIA PTY LTD (21) 2020900012 (22) 05.01.2020 (54) Smart-i. A software app for Desktop and mobile platform using face detection technology to identify authorised user by matching face thru device connected camera. app scrambles & protects/mask the screen and keyboard activities when authorised users face

Provisional Applications Filed - Name Index cont'd

<p>not found in the frame or it it find 2 or more faces in the frame of the the connected camera device</p> <hr/> <p>(71) Lee, A. (21) 2020900027 (22) 07.01.2020 (54) Semi reusable dust mask that can be used by men with beards</p> <hr/> <p>(71) Lewis, M.L. (21) 2020900014 (22) 05.01.2020 (54) SAFETY CORRIDOR ARRANGEMENT</p> <hr/> <p>(71) load and move pty ltd (21) 2020900053 (22) 09.01.2020 (54) Improved lid locking system and lid removal device</p> <hr/> <p>(71) LOWREY, I. (21) 2020900055 (22) 09.01.2020 (54) Building Construction</p> <hr/> <p>(71) Matthews, N. (21) 2020900036 (22) 06.01.2020 (54) An improved Wheel</p> <hr/> <p>(71) Matthews, N. (21) 2020900038 (22) 06.01.2020 (54) Basketball Netball Goal Ring, New Game.</p> <hr/> <p>(71) Matthews, N. (21) 2020900039 (22) 06.01.2020 (54) Basketball, &amp; Netball Games&amp;, Goal Rings</p> <hr/> <p>(71) Matthews, N. (21) 2020900043 (22) 06.01.2020 (54) Marine Craft. 1,000.</p> <hr/> <p>(71) Mercer, I. (21) 2020900051 (22) 08.01.2020 (54) Compact Surfboard</p> <hr/> <p>(71) Mesinja Pty Ltd (21) 2020900064 (22) 10.01.2020 (54) Systems and computer-implemented methods for generating pseudo random numbers</p> <hr/> <p>(71) NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd (21) 2020900067 (22) 10.01.2020 (54) Catalyst</p> <hr/> <p>(71) Norman, M. (21) 2020900037 (22) 06.01.2020 (54) Motor Vehicles. 11</p>	<hr/> <p>(71) Norman, M. (21) 2020900040 (22) 06.01.2020 (54) Motor Vehicles</p> <hr/> <p>(71) Norman, M. (21) 2020900042 (22) 06.01.2020 (54) Motor Vehicles</p> <hr/> <p>(71) Orora Packaging Australia Pty Ltd (21) 2020900056 (22) 09.01.2020 (54) A sack</p> <hr/> <p>(71) Ozwall Manufacturing Australia Pty Ltd (21) 2020900028 (22) 07.01.2020 (54) Formwork to reinforcement connector and formwork systems using same</p> <hr/> <p>(71) Parker, D. (21) 2020900050 (22) 08.01.2020 (54) The Foldable Meat Tray</p> <hr/> <p>(71) Pinnock, D. (21) 2020900060 (22) 09.01.2020 (54) Ectoparasite control</p> <hr/> <p>(71) Player, B. (21) 2020900010 (22) 05.01.2020 (54) SEMI-MONOCOQUE SURFING DEVICE PATENT.</p> <hr/> <p>(71) Protective Innovations Pty Ltd (21) 2020900049 (22) 08.01.2020 (54) Anomalous neutral electrical protection apparatus</p> <hr/> <p>(71) R... And Everything Else, Inc. (21) 2020900023 (22) 06.01.2020 (54) A Sandal</p> <hr/> <p>(71) R &amp; L JONES ENGINEERING PTY LTD (21) 2020900020 (22) 06.01.2020 (54) DRIVE ASSEMBLY</p> <hr/> <p>(71) SG Ventures Pty Limited (21) 2020900061 (22) 09.01.2020 (54) TRANSDERMAL PATCH HAVING ABSORBENT MATRIX LOADED WITH CERAMIC PARTICLES ENCAPSULATING RELEASABLE DOPANT</p> <hr/> <p>(71) S J DISPLAY GROUP PTY LTD (21) 2020900059 (22) 09.01.2020 (54) LOCK-ON MEDIA HOLDER This invention has been devised in order to provide a Lock-on Media Holder of simple, effective, strong construction and whereby the it can be easily attached and removed, remains very firm</p>	<p>and stable when mounted and does not interfere directly with the ticketing strip. The Lock-on Media Holder in accordance with this invention comprises of a mounting body to which display media can be attached and a sliding lock.</p> <hr/> <p>(71) Smith, A. (21) 2020900034 (22) 08.01.2020 (54) The Sulexi Carbonising Oven</p> <hr/> <p>(71) Smith, A. (21) 2020900035 (22) 08.01.2020 (54) The Sulexi Heat Distribution Chamber for the Sulexi Carbonising Oven</p> <hr/> <p>(71) Smith, A. (21) 2020900041 (22) 08.01.2020 (54) The Sulexi Smoke Particle Elimination Process</p> <hr/> <p>(71) Smith, A. (21) 2020900044 (22) 08.01.2020 (54) The Sulexi Air Purification Process</p> <hr/> <p>(71) Smith, A. (21) 2020900046 (22) 08.01.2020 (54) The Sulexi Super Steam Process</p> <hr/> <p>(71) Smith, A. (21) 2020900047 (22) 08.01.2020 (54) The Sulexi Carbon to Graphene Process</p> <hr/> <p>(71) Smith, A. (21) 2020900048 (22) 08.01.2020 (54) The Sulexi Waste Regeneration Process</p> <hr/> <p>(71) STEVEN TRAJKOVSKI (21) 2020900011 (22) 05.01.2020 (54) consumption salt water (sodium chloride) Na Cl &amp; H2O for treatment and cure of diabetes, concentration of 0.1%-20% sodium chloride. A concentration level as high as 20% Na Cl to 80% H2O would never be required. A concentration of 1.0% - 5.0% (Na Cl) sodium chloride to 99.0% - 95.0% water H2O is the most effective at lower blood sugar level in diabetics.</p> <hr/> <p>(71) Strati, R. (21) 2020900032 (22) 08.01.2020 (54) MOBILE SPRAYING ASSEMBLY</p> <hr/> <p>(71) Tax Core Pty Ltd (21) 2020900033 (22) 08.01.2020 (54) SYSTEM AND METHOD OF ARRANGING ENGAGEMENT BETWEEN</p>
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## Provisional Applications Filed - Name Index cont'd

CONSULTANTS AND CONSUMERS  
AND FACILITATING TRANSACTIONS

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**(71)** THE FLYING SQUID BROTHERS PTY.  
LIMITED

**(21)** 2020900031           **(22)** 07.01.2020

**(54)** Vinospresso DEVICE FOR EXTRACT-  
ING A LIQUID CONTAINED IN A  
CARTRIDGE OR CAPSULE, AND  
CARTRIDGE OR CAPSULE FOR THE  
DEVICE

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**(71)** The trustee for the loftus family trust

**(21)** 2020900045           **(22)** 08.01.2020

**(54)** SAFE Cap

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**(71)** The University of Queensland

**(21)** 2020900058           **(22)** 09.01.2020

**(54)** Self-assembling, self-adjuvanting sys-  
tem for delivery of vaccines

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**(71)** Zheludkov, K.

**(21)** 2020900062           **(22)** 09.01.2020

**(54)** Microwave Silent Start Button

Numerical Index

2020900009	Canning, J.
2020900010	Player, B.
2020900011	STEVEN TRAJKOVSKI
2020900012	LAN CORP SECURITY AUSTRALIA PTY LTD
2020900013	Craig, R.
2020900014	Lewis, M.L.
2020900015	Khamal, L.
2020900017	Blueprint Acoustics Pty Ltd
2020900018	ConveyorTech Pty Ltd
2020900019	Clean Powr Pty Ltd
2020900020	R & L JONES ENGINEERING PTY LTD
2020900021	International Scientific Pty Ltd
2020900022	International Scientific Pty Ltd
2020900023	R... And Everything Else, Inc.
2020900024	International Scientific Pty Ltd
2020900025	Gratton-Wilson, L.
2020900026	CIRCULAR PRODUCTS PTY LTD
2020900027	Lee, A.
2020900028	Ozwall Manufacturing Australia Pty Ltd
2020900029	Baraja Pty Ltd
2020900030	Gram Engineering Pty Ltd
2020900031	THE FLYING SQUID BROTHERS PTY. LIMITED
2020900032	Strati, R.
2020900033	Tax Core Pty Ltd
2020900034	Smith, A.
2020900035	Smith, A.
2020900036	Matthews, N.
2020900037	Norman, M.
2020900038	Matthews, N.
2020900039	Matthews, N.
2020900040	Norman, M.
2020900041	Smith, A.
2020900042	Norman, M.
2020900043	Matthews, N.
2020900044	Smith, A.
2020900045	The trustee for the loftus family trust
2020900046	Smith, A.
2020900047	Smith, A.
2020900048	Smith, A.
2020900049	Protective Innovations Pty Ltd
2020900050	Parker, D.
2020900051	Mercer, I.
2020900052	BFRE Pty Ltd
2020900053	load and move Pty Ltd
2020900054	Gardner, A.
2020900055	LOWREY, I.
2020900056	Orora Packaging Australia Pty Ltd
2020900057	Blueprint Acoustics Pty Ltd
2020900058	The University of Queensland
2020900059	S J DISPLAY GROUP PTY LTD
2020900060	Pinnock, D.
2020900061	SG Ventures Pty Limited
2020900062	Zheludkov, K.
2020900063	CLARKE, P.
2020900064	Mesinja Pty Ltd
2020900065	Ferman, M.
2020900066	enLighten Australia Pty Ltd
2020900067	NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd
2020900068	Gumley, T.
2020900069	Australian Electric Car Manufacturing Pty Ltd
2020900070	Circulatory Support Technologies Pty Ltd

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 7 Jan 2020 .

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

<hr/> <p>(71) Advanced Bariatric Technology, LLC (21) 2020200090 (22) 07.01.2020 (54) Bariatric clamp with suture portions, magnetic inserts and curvature (62) 2015306617</p> <hr/> <p>(71) Align Technology, Inc. (21) 2019284039 (22) 23.12.2019 (54) AUTOMATIC SELECTION AND LOCKING OF INTRAORAL IMAGES (62) 2019200225</p> <hr/> <p>(71) AMDT Holdings, Inc. (21) 2020200044 (22) 03.01.2020 (54) External bone fixation systems (62) 2017217654</p> <hr/> <p>(71) Apple Inc. (21) 2019284040 (22) 23.12.2019 (54) An earphone having an acoustic tuning mechanism (62) 2018206774</p> <hr/> <p>(71) Apple Inc. (21) 2019284083 (22) 24.12.2019 (54) Electronic display with hybrid in-pixel and external compensation (31) 62/791,522 (32) 11.01.19 (33) US 16/716,911 17.12.19 US</p> <hr/> <p>(71) Apple Inc. (21) 2020200028 (22) 03.01.2020 (54) Coordination of message alert presentations across devices based on device modes (62) 2018203708</p> <hr/> <p>(71) Apple Inc. (21) 2020200103 (22) 07.01.2020 (54) Intelligent assistant for home automation (62) 2018201834</p> <hr/> <p>(71) Apple Inc. (21) 2020200105 (22) 07.01.2020 (54) Device, method, and graphical user interface for providing navigation and search functionalities (62) 2017258815</p> <hr/>	<p>(71) Applied Signals Intelligence, Inc. (21) 2019284099 (22) 24.12.2019 (54) Electrically small, range and angle-of-arrival RF sensor and estimation system (62) 2015324516</p> <hr/> <p>(71) Arbutus Biopharma Corporation (21) 2020200082 (22) 06.01.2020 (54) TARGETING LIPIDS (62) 2018203830</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020200036 (22) 03.01.2020 (54) A GAMING MACHINE INTERFACE FOR A MULTI-GAME GAMING MACHINE (62) 2018200351</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020200038 (22) 03.01.2020 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2017251858</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020200097 (22) 07.01.2020 (54) A GAMING SYSTEM, A GAME CONTROLLER AND A METHOD OF GAMING (62) 2018200269</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020200100 (22) 07.01.2020 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2017276252</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2020200107 (22) 07.01.2020 (54) GAMING MACHINE SECURITY DEVICES AND METHODS (31) 16/415,654 (32) 17.05.19 (33) US 62/795,951 23.01.19 US</p> <hr/> <p>(71) Ascent Products, LLC (21) 2020200089 (22) 07.01.2020</p>	<p>(54) Ventilation fan trim ring mounting assembly (31) 16/243,666 (32) 09.01.19 (33) US 16/403,164 03.05.19 US</p> <hr/> <p>(71) Australian Adjuvants Pty Ltd (21) 2020200088 (22) 06.01.2020 (54) Gibberellic acid composition for enhancing plant growth (31) 2019900153 (32) 18.01.19 (33) AU</p> <hr/> <p>(71) Avaz Surgical, LLC (21) 2020200104 (22) 07.01.2020 (54) Identifying anatomical structures (62) 2017229480</p> <hr/> <p>(71) Avery Dennison Corporation (21) 2020200013 (22) 02.01.2020 (54) ADHESIVE ACRYLATE-OLEFIN COPOLYMERS, METHODS FOR PRODUCING SAME AND COMPOSITIONS UTILIZING SAME (62) 2018203196</p> <hr/> <p>(71) Bartco Traffic Equipment Pty Ltd (21) 2020200111 (22) 07.01.2020 (54) System and method for communicating with a display (62) 2014202134</p> <hr/> <p>(71) Baxalta GmbH; Baxalta Incorporated (21) 2020200026 (22) 02.01.2020 (54) Treatment of Coagulation Disease by Administration of Recombinant VWF (62) 2017206235</p> <hr/> <p><b>Baxalta Incorporated see Baxalta GmbH</b> (21) 2020200026</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2019284141 (22) 30.12.2019 (54) Cannula with light-emitting optical fiber (62) 2017240484</p> <hr/> <p>(71) Behr Process Corporation (21) 2019284091 (22) 24.12.2019 (54) Decorative coating compositions (62) 2016202493</p> <hr/> <p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (21) 2019284155 (22) 31.12.2019</p>
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Complete Applications Filed - Name Index cont'd

<p>(54) Configuration method and system of indication device for driver-passenger matching (31) 201910216131.6 (32) 20.03.19 (33) CN</p>	<p>(71) Caroma Industries Limited; micas AG (21) 2019284072 (22) 24.12.2019 (54) Water management system and method (62) 2015318802</p>	<p>(71) Covidien LP (21) 2019284079 (22) 24.12.2019 (54) Localization systems and methods of use (31) 62/789,604 (32) 08.01.19 (33) US 16/715,072 16.12.19 US 62/800,665 04.02.19 US</p>
<p>(71) Big Belly Solar, Inc. (21) 2020200002 (22) 02.01.2020 (54) ELECTRICALLY-POWERED WASTE ENCLOSURE (62) 2015259145</p>	<p>(71) Caterpillar Inc. (21) 2020200064 (22) 03.01.2020 (54) OPTIMIZING LOADING OF A PAYLOAD CARRIER OF A MACHINE (31) US 16/245,829 (32) 11.01.19 (33) US</p>	<p>(71) Covidien LP (21) 2019284082 (22) 24.12.2019 (54) Seals for surgical access assemblies (31) 16/272,068 (32) 11.02.19 (33) US</p>
<p>(71) Biosense Webster (Israel) Ltd. (21) 2020200032 (22) 03.01.2020 (54) Breast implant with multiple saline and/or silicone fillable compartments (31) 16/248,412 (32) 15.01.19 (33) US</p>	<p>(71) Cerner Innovation, Inc. (21) 2020200020 (22) 02.01.2020 (54) DYNAMICALLY DETERMINING RISK OF CLINICAL CONDITION (62) 2014306758</p>	<p>(71) Covidien LP (21) 2019284089 (22) 24.12.2019 (54) Access assembly including flexible cannula (31) 16/282,375 (32) 22.02.19 (33) US</p>
<p>(71) Biosense Webster (Israel) Ltd. (21) 2020200098 (22) 07.01.2020 (54) Ablation catheter with dedicated fluid paths and needle centering insert (62) 2015201670</p>	<p>(71) CFPH, LLC (21) 2020200039 (22) 03.01.2020 (54) APPARATUS, ARTICLE OF MANUFACTURE AND METHODS FOR PURCHASING ARBITRAGE (62) 2014228330</p>	<p>(71) Covidien LP (21) 2019284114 (22) 27.12.2019 (54) Double fire stapling (62) 2016200167</p>
<p>(71) BISSELL Inc. (21) 2020200108 (22) 07.01.2020 (54) Surface cleaning apparatus (31) 62/789,661 (32) 08.01.19 (33) US</p>	<p>(71) Children's Medical Center Corporation (21) 2019284074 (22) 24.12.2019 (54) SAPOSIN-A DERIVED PEPTIDES AND USES THEREOF (62) 2017236019</p>	<p>(71) Covidien LP (21) 2019284115 (22) 27.12.2019 (54) Apparatuses for stent delivery and positioning to cover an access site (31) 16/242,602 (32) 08.01.19 (33) US</p>
<p>(71) Blue Belt Technologies, Inc. (21) 2020200069 (22) 06.01.2020 (54) Computer-aided prosthesis alignment (62) 2015227303</p>	<p>(71) CODAN Holding GmbH (21) 2020200043 (22) 03.01.2020 (54) Nondisconnectable, securable connector or having a capping sleeve</p>	<p>(71) Covidien LP (21) 2019284116 (22) 27.12.2019 (54) Methods for stent delivery and positioning to cover an access site (31) 16/242,596 (32) 08.01.19 (33) US</p>
<p>(71) Bolton, L. (21) 2019284086 (22) 24.12.2019 (54) IMPROVED PLUMBING FITTING AND ATTACHMENT</p>	<p>(71) ConocoPhillips Company (21) 2020200040 (22) 03.01.2020 (54) SEISMIC STREAMER SHAPE CORRECTION USING DERIVED COMPENSATED MAGNETIC FIELDS (62) 2015214530</p>	<p>(71) Covidien LP (21) 2019284117 (22) 27.12.2019 (54) Expandable stent delivery apparatus to cover an access site (31) 16/242,609 (32) 08.01.19 (33) US</p>
<p>(71) Brady, G. (21) 2019284098 (22) 24.12.2019 (54) A Scalable and Sustainable Cryptocurrency / Crypto-asset (31) 2018904952 (32) 24.12.18 (33) AU</p>	<p>(71) Conventus Orthopaedics, Inc. (21) 2020200094 (22) 07.01.2020 (54) Tissue displacement tools and methods (62) 2014362251</p>	<p>(71) Covidien LP (21) 2019284118 (22) 27.12.2019 (54) Rotatable stent delivery apparatus to cover access site (31) 16/242,618 (32) 08.01.19 (33) US</p>
<p>(71) Brilliant Light Power, Inc. (21) 2020200099 (22) 07.01.2020 (54) Photovoltaic power generation systems and methods regarding same (62) 2014385284</p>	<p>(71) Copper Trading Pty Ltd (21) 2019284126 (22) 29.12.2019 (54) IMPROVED ISOLATION ASSEMBLY (31) 2019903541 (32) 23.09.19 (33) AU</p>	<p>(71) Covidien LP (21) 2019284153 (22) 31.12.2019 (54) Dynamic 3D lung map view for tool navigation inside the lung (62) 2019204469</p>
<p>(71) Calithera Biosciences, Inc. (21) 2019284149 (22) 31.12.2019 (54) Crystal forms of glutaminase inhibitors (62) 2015300825</p>	<p>(71) Covidien LP (21) 2019284078 (22) 24.12.2019 (54) Localization systems and methods of use (31) 62/800,665 (32) 04.02.19 (33) US 62/789,604 08.01.19 US 16/715,086 16.12.19 US</p>	<p>(71) CYLUS CYBER SECURITY LTD. (21) 2019284070 (22) 24.12.2019 (54) CYBER SECURITY ANONYMIZER (62) 2018423506</p>
<p>(71) Caniel Industries A. T. G. Ltd. (21) 2019284154 (22) 31.12.2019 (54) A can and an urging member therefor (31) 269046 (32) 30.12.18 (33) IL 264029 30.12.18 IL</p>		

Complete Applications Filed - Name Index cont'd

(71) Daniell, J.  
(21) 2020200001 (22) 01.01.2020  
(54) MudBuds.....eco-friendly cotton buds soaked in a medicated mud with added exfoliant of Salicylic acid, to clean the ear canal perfectly!  
(31) 2019900397 (32) 07.02.19 (33) AU

(71) Dometic Sweden AB  
(21) 2019284128 (22) 30.12.2019  
(54) Mobile cooling box with user interface module  
(31) 102019200063.0 (32) 04.01.19 (33) DE

(71) Dometic Sweden AB  
(21) 2019284129 (22) 30.12.2019  
(54) Mobile cooking box with handle module  
(31) 102019200065.7 (32) 04.01.19 (33) DE

(71) Dometic Sweden AB  
(21) 2019284130 (22) 30.12.2019  
(54) Mobile cooling box with air vents  
(31) 102019200068.1 (32) 04.01.19 (33) DE

(71) Dometic Sweden AB  
(21) 2019284131 (22) 30.12.2019  
(54) Mobile cooling box with hinge module  
(31) 102019200070.3 (32) 04.01.19 (33) DE

(71) Dometic Sweden AB  
(21) 2019284133 (22) 30.12.2019  
(54) Mobile cooling box with ice maker  
(31) 102019200067.3 (32) 04.01.19 (33) DE

(71) Dometic Sweden AB  
(21) 2019284134 (22) 30.12.2019  
(54) Mobile cooling box with latch handle opening  
(31) 102019200064.9 (32) 04.01.19 (33) DE

(71) ExThera Medical Corporation  
(21) 2020200029 (22) 03.01.2020  
(54) Method for removing bacteria from blood using high flow rate  
(62) 2015250107

(71) Focused Technology Solutions, Inc.  
(21) 2020200080 (22) 06.01.2020  
(54) Railroad spike remover  
(31) 16/734,125 (32) 03.01.20 (33) US  
62/788,925 06.01.19 US

(71) Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung E.V.  
(21) 2020200106 (22) 07.01.2020  
(54) DRY PRODUCT CONSISTING OF FRUIT AND/OR VEGETABLES AND A METHOD FOR PRODUCING SAME  
(62) 2016278808

(71) Fresenius Medical Care Holdings, Inc.  
(21) 2019284087 (22) 24.12.2019  
(54) Method of detecting a leak in a heat exchanger of a hemodialysis device  
(62) 2018209967

(71) FUJIFILM Corporation  
(21) 2020200063 (22) 03.01.2020  
(54) Method for fabricating mold having recessed pattern and method for producing patterned sheet  
(62) 2017262083

(71) Fusion Holdings Limited  
(21) 2020200078 (22) 06.01.2020  
(54) Systems and methods for authorizing user access to restricted content  
(31) 1901296.2 (32) 30.01.19 (33) GB

(71) Genentech, Inc.  
(21) 2020200101 (22) 07.01.2020  
(54) Anti-CD3 antibodies and methods of use  
(62) 2014364805

(71) Gen-Probe Incorporated  
(21) 2019284088 (22) 24.12.2019  
(54) Method of isolating nucleic acid from specimens in liquid-based cytology preservatives containing formaldehyde  
(62) 2018201823

(71) Gharat, T.V.; Kamavarapu, S.M.  
(21) 2019284152 (22) 31.12.2019  
(54) Systems and methods for machine learning in patient placement  
(31) 62/786,781 (32) 31.12.18 (33) US

(71) Goldsworthy, R.  
(21) 2020200049 (22) 03.01.2020  
(54) Mycotoxin removal from the built environment

(71) govino, LLC  
(21) 2020200057 (22) 03.01.2020  
(54) COMBINED WINE GLASS AND WINE BOTTLE PACKAGE  
(62) 2018200805

(71) Guardhat, Inc.  
(21) 2020200113 (22) 07.01.2020  
(54) Condition Responsive Indication Assembly and Method  
(62) 2015334100

(71) HAEMATEX RESEARCH PTY LIMITED  
(21) 2019284125 (22) 28.12.2019  
(54) Method for delivery of trace compounds

(71) Hayward Industries, Inc.  
(21) 2020200076 (22) 06.01.2020

(54) Swimming pool cleaner and associated components  
(62) 2018250536

(71) Heraeus Medical GmbH  
(21) 2019284147 (22) 30.12.2019  
(54) Femoral hip joint spacer with irrigation device  
(31) 10 2019 101 081.0 (32) 16.01.19 (33) DE

(71) Hiltec Designs Ltd  
(21) 2020200050 (22) 03.01.2020  
(54) COUPLER WITH POWER CONNECTION SYSTEM  
(31) 1900235.1 (32) 08.01.19 (33) GB

(71) Hitchcock, T.J.  
(21) 2019284157 (22) 31.12.2019  
(54) Cinematographic Method and Methods for Presentation and Distribution of Cinematographic Works

(71) Howmedica Osteonics Corp.  
(21) 2020200014 (22) 02.01.2020  
(54) ADJUSTABLE DISTRACTION CAGE WITH LINKED LOCKING MECHANISMS  
(62) 2017203661

(71) Howmedica Osteonics Corp.  
(21) 2020200077 (22) 06.01.2020  
(54) SUPPORT FRAME  
(31) 62/789,152 (32) 07.01.19 (33) US

(71) Howmedica Osteonics Corp.  
(21) 2020200079 (22) 06.01.2020  
(54) BINDER JET SHELL  
(31) 62/789,168 (32) 07.01.19 (33) US

(71) Huawei Technologies Co., Ltd.  
(21) 2020200074 (22) 06.01.2020  
(54) VERIFICATION CODE OBTAINING METHOD AND APPARATUS, AND TERMINAL  
(62) 2015418875

(71) Humanscale Corporation  
(21) 2020200012 (22) 02.01.2020  
(54) Computer docking station  
(62) 2016318199

(71) lantech, Inc.  
(21) 2020200023 (22) 02.01.2020  
(54) DEVICES AND METHODS FOR THE REMOVAL OF LENTICULAR TISSUE  
(62) 2015317532

(71) Immatics Biotechnologies GmbH  
(21) 2020200066 (22) 04.01.2020  
(54) NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS OF THE BLOOD,

Complete Applications Filed - Name Index cont'd

- SUCH AS ACUTE MYELOID LEUKEMIA (AML)  
**(62)** 2015257652
- 
- (71)** Impax Laboratories, Inc.  
**(21)** 2019284060 **(22)** 23.12.2019  
**(54)** Muco-adhesive, controlled release formulations of levodopa and/or esters of levodopa and uses thereof  
**(62)** 2014332024
- 
- (71)** Implantica Patent Ltd  
**(21)** 2020200055 **(22)** 03.01.2020  
**(54)** Device and Method For Bond Adjustment  
**(62)** 2018201335
- 
- (71)** INSTITUT DE RECERCA CONTRA LA LEUCEMIA JOSEP CARRERAS  
**(21)** 2020200010 **(22)** 02.01.2020  
**(54)** METHODS FOR TREATING, DIAGNOSING AND PROGNOSING A HAEMATOLOGICAL MALIGNANCY  
**(62)** 2015279105
- 
- (71)** InterDigital Patent Holdings, Inc.  
**(21)** 2019284144 **(22)** 30.12.2019  
**(54)** Methods and procedures for channel measurements and reporting mechanisms for long term evolution (LTE) operation in an unlicensed band  
**(62)** 2015346177
- 
- (71)** Intex Holdings Pty Ltd  
**(21)** 2019284136 **(22)** 30.12.2019  
**(54)** Improved Component of a Modular Building  
**(31)** 2019903136 **(32)** 27.08.19 **(33)** AU
- 
- (71)** Intrator, N.  
**(21)** 2019284075 **(22)** 24.12.2019  
**(54)** SYSTEMS AND METHODS FOR BRAIN ACTIVITY INTERPRETATION  
**(62)** 2016221435
- 
- (71)** Intuit, Inc.  
**(21)** 2020200073 **(22)** 06.01.2020  
**(54)** Method and apparatus for multi-tenancy secrets management  
**(62)** 2015253103
- 
- (71)** Intuit Inc.  
**(21)** 2020200058 **(22)** 03.01.2020  
**(54)** Image quality assessment and improvement for performing optical character recognition  
**(62)** 2016427827
- 
- (71)** Intuit Inc.  
**(21)** 2020200059 **(22)** 03.01.2020
- (54)** METHOD AND SYSTEM FOR PROVIDING A SECURE SECRETS PROXY  
**(62)** 2014334842
- 
- (71)** Ionis Pharmaceuticals, Inc.  
**(21)** 2019284142 **(22)** 30.12.2019  
**(54)** Modulation of Huntingtin expression  
**(62)** 2017276286
- 
- (71)** Janssen Pharmaceutica NV  
**(21)** 2019284059 **(22)** 23.12.2019  
**(54)** Antibodies to risperidone haptens and use thereof  
**(62)** 2018200107
- 
- (71)** JG & AM SMITH INVESTMENTS PTY LTD  
**(21)** 2020200095 **(22)** 07.01.2020  
**(54)** PORTABLE SUN-SHADE ASSEMBLY  
**(31)** 2019900116 **(32)** 15.01.19 **(33)** AU
- 
- (71)** Joy Global Surface Mining Inc  
**(21)** 2019284103 **(22)** 24.12.2019  
**(54)** Conduit support structure for an industrial machine  
**(62)** 2017239598
- 
- (71)** Juniper Networks, Inc.  
**(21)** 2019284151 **(22)** 31.12.2019  
**(54)** Wireless signals for location determination  
**(31)** 16/676,812 **(32)** 07.11.19 **(33)** US  
 62/827,959 02.04.19 US
- 
- Kamavarapu, S.M. see Gharat, T.V.**  
**(21)** 2019284152
- 
- (71)** KCI Licensing, Inc.  
**(21)** 2019284037 **(22)** 23.12.2019  
**(54)** Controlled negative pressure apparatus and alarm mechanism  
**(62)** 2018200815
- 
- (71)** Kerkhoff, S.  
**(21)** 2019284110 **(22)** 24.12.2019  
**(54)** Hard hat light that uses the accessory slots built into hard hats
- 
- (71)** Kinshofer GmbH  
**(21)** 2019284100 **(22)** 24.12.2019  
**(54)** Quick-hitch for construction vehicle tools  
**(31)** DE 20 2019 101 **(32)** 27.03.19 **(33)** DE  
 747.3
- 
- (71)** L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
**(21)** 2020200018 **(22)** 02.01.2020
- (54)** SYSTEM AND METHOD FOR RECYCLING CONDENSED WATER PRODUCED IN AIR COMPRESSOR COOLER  
**(31)** 201811623848.4 **(32)** 28.12.18 **(33)** CN
- 
- (71)** LEMMEN, J.A.J.; VAN DOREMAELE, M.G.M.  
**(21)** 2019284106 **(22)** 24.12.2019  
**(54)** SYSTEM FOR GROWING MUSHROOMS  
**(31)** 2022318 **(32)** 27.12.18 **(33)** NL  
 2024381 04.12.19 NL  
 2023167 20.05.19 NL
- 
- (71)** Lennox Industries Inc.  
**(21)** 2020200109 **(22)** 07.01.2020  
**(54)** COMPRESSOR OPERATION MANAGEMENT IN AIR CONDITIONERS  
**(62)** 2015202465
- 
- (71)** Level35 Pty Ltd  
**(21)** 2019284064 **(22)** 23.12.2019  
**(54)** System and method for using natural language processing in data analytics  
**(31)** 2018904945 **(32)** 24.12.18 **(33)** AU
- 
- Levy, K. see Levy, F.**  
**(21)** 2020200035
- 
- (71)** Levy, F.; Levy, K.  
**(21)** 2020200035 **(22)** 03.01.2020  
**(54)** System for Controlled Delivery of Medical Fluids  
**(62)** 2018203358
- 
- (71)** LG Electronics Inc.  
**(21)** 2019284085 **(22)** 24.12.2019  
**(54)** Vacuum  
**(62)** 2017314599
- 
- (71)** LG Electronics Inc.  
**(21)** 2020200011 **(22)** 02.01.2020  
**(54)** Laundry treatment apparatus and method of controlling the same  
**(62)** 2017203834
- 
- (71)** LG Electronics Inc.  
**(21)** 2020200030 **(22)** 03.01.2020  
**(54)** Vacuum adiabatic body and refrigerator  
**(62)** 2016303866
- 
- (71)** LG Electronics Inc.  
**(21)** 2020200048 **(22)** 03.01.2020  
**(54)** Refrigerator  
**(62)** 2016312798
- 
- (71)** MacroGenics, Inc.  
**(21)** 2020200054 **(22)** 03.01.2020

Complete Applications Filed - Name Index cont'd

(54) PD-1-binding molecules and methods of use thereof  
(62) 2018214151

(71) Madrigal Pharmaceuticals, Inc.  
(21) 2019284066 (22) 23.12.2019  
(54) TARGETED THERAPEUTICS  
(62) 2014318826

(71) MAKO Surgical Corp.  
(21) 2019284090 (22) 24.12.2019  
(54) Systems and methods for generating customized haptic boundaries  
(62) 2014374130

(71) Mallinckrodt Hospital Products IP Limited  
(21) 2020200087 (22) 06.01.2020  
(54) Cannula for Minimizing Dilution of Dosing During Nitric Oxide Delivery  
(62) 2017265042

(71) Mandometer AB  
(21) 2020200062 (22) 03.01.2020  
(54) A FOLDABLE SCALE  
(62) 2015219541

(71) MasterCard International Incorporated  
(21) 2019284120 (22) 27.12.2019  
(54) Systems and methods for tracking data using user provided data tags  
(62) 2016298089

(71) Max-Delbrück-Centrum für molekulare Medizin (MDC) Berlin-Buch  
(21) 2020200092 (22) 07.01.2020  
(54) TUMOR SPECIFIC T-CELL RECEPTORS  
(62) 2018203663

(71) Medtronic Minimed, Inc.  
(21) 2019284140 (22) 30.12.2019  
(54) Infusion pumps  
(62) 2018202573

(71) Megadyne Medical Products, Inc.  
(21) 2019284084 (22) 24.12.2019  
(54) Universal self-limiting electrosurgical return electrode  
(62) 2019200508

(71) MEMARI, A.  
(21) 2020200060 (22) 03.01.2020  
(54) POST HARVEST TREATMENT OF PADDY, TO RETAIN NUTRIENTS AND OBTAIN RICE WITH LOW GLYCEMIC INDEX  
(62) 2014233654

**micas AG see Caroma Industries Limited**  
(21) 2019284072

(71) Mickelbobs BBC Patents Pty Ltd  
(21) 2019284108 (22) 24.12.2019  
(54) HELMET TESTING  
(62) PCT/AU2018/051257

(71) NANTOH. CO., LTD  
(21) 2020200112 (22) 07.01.2020  
(54) Biological tissue rootage face, implant, method for forming biological tissue rootage face, and method for producing implant  
(62) 2017356025

(71) NEC Corporation of America  
(21) 2020200045 (22) 03.01.2020  
(54) Facial recognition system  
(62) 2016287726

(71) Nevis Industries LLC  
(21) 2020200046 (22) 03.01.2020  
(54) Railcar truck roller bearing adapter pad systems  
(62) 2016262092

(71) NewMarket Pharmaceuticals LLC  
(21) 2020200019 (22) 02.01.2020  
(54) Pharmaceutical compositions for direct systemic introduction  
(62) 2018201970

(71) Nichol, L.  
(21) 2020200081 (22) 06.01.2020  
(54) Intke  
(31) 2019904716 (32) 17.12.19 (33) AU

(71) NIKE Innovate C.V.  
(21) 2020200110 (22) 07.01.2020  
(54) Waistband for article of apparel  
(62) 2017229967

(71) NISCO CO., LTD  
(21) 2020200031 (22) 03.01.2020  
(54) Adjustable bed system having fans  
(31) 62/790,583 (32) 10.01.19 (33) US

(71) Nordex Energy Spain, S.A.U.  
(21) 2019284124 (22) 28.12.2019  
(54) Wind Farm Control System and Associated Method, Wind Turbine Control System and Associated Method  
(31) 18383010.8 (32) 31.12.18 (33) EP

(71) Norton (Waterford) Limited  
(21) 2020200005 (22) 30.12.2019  
(54) Compliance-assisting module for an inhaler  
(62) 2015308424

(71) NOWWWW.US PTY LTD  
(21) 2020200067 (22) 05.01.2020  
(54) A Method and System for Reporting, Securing and Controlling Mobile Phones Which are Lost (Misplaced/Stolen)  
(62) 2014203056

(71) NTT DOCOMO, INC.  
(21) 2019284148 (22) 31.12.2019  
(54) Dynamic image predictive encoding and decoding device, method, and program  
(62) 2018206830

(71) NTT DOCOMO, INC.  
(21) 2019284150 (22) 31.12.2019  
(54) Dynamic image predictive encoding and decoding device, method, and program  
(62) 2018206831

(71) O'Meara, A.  
(21) 2020200068 (22) 06.01.2020  
(54) Swiss Cheese Plectrum

(71) Oleynik, M.  
(21) 2020200017 (22) 02.01.2020  
(54) Methods and systems for food preparation in a robotic cooking kitchen  
(62) 2015220546

(71) Orora Limited  
(21) 2019284077 (22) 24.12.2019  
(54) Machine for erecting a carton from a blank  
(62) 2018201227

(71) Patent Investment & Licensing Company  
(21) 2020200056 (22) 03.01.2020  
(54) Method and Apparatus for Selectively Indicating Win Probability  
(62) 2017248414

(71) Patent Investment & Licensing Company  
(21) 2020200061 (22) 03.01.2020  
(54) Delayed Bonus Win Determination  
(62) 2017248488

(71) PayPal, Inc.  
(21) 2020200071 (22) 06.01.2020  
(54) Hosted sensitive data form fields for compliance with security standards  
(62) 2017265004

(71) Perfect Day, Inc.  
(21) 2019284081 (22) 24.12.2019  
(54) Compositions comprising a casein and methods of producing the same  
(62) 2015305271

Complete Applications Filed - Name Index cont'd

<p>(71) Performance Lab Technologies Limited (21) 2019284143 (22) 30.12.2019 (54) Automated prescription of activity based on physical activity data (62) 2014347366</p>	<p>DISTRIBUTED-INPUT DISTRIBUTED-OUTPUT WIRELESS SYSTEMS (62) 2017210619</p>	<p>between the value of their new dwelling and the value of the old dwelling, without investing their private money in the improvement operation development and/or building and/or entrepreneur process. It is necessary to raise the consent of most dwelling's owners and/or landlords in the building and/or in house and/or in units. (61) UNKNOWN</p>
<p>(71) Pillay, P. (21) 2019284112 (22) 27.12.2019 (54) SYSTEM AND METHOD FOR ARRANGING MONEY DELIVERY AMONGST PARTIES THROUGH USE OF MOBILE DEVICES.</p>	<p>(71) Recombinetics, Inc (21) 2019284065 (22) 23.12.2019 (54) HORNLESS LIVESTOCK (62) 2014205134</p>	<p>(61) UNKNOWN</p>
<p>(71) Precision Planting LLC (21) 2019284076 (22) 24.12.2019 (54) Apparatus, systems and methods for row unit downforce control (62) 2017203627</p>	<p>(71) Regeneron Pharmaceuticals, Inc. (21) 2020200052 (22) 03.01.2020 (54) SERUM-FREE CELL CULTURE MEDIUM (62) 2014227804</p>	<p>(71) Selecta Biosciences, Inc. (21) 2020200065 (22) 04.01.2020 (54) TOLEROGENIC SYNTHETIC NANOCARRIERS AND THERAPEUTIC MACROMOLECULES FOR REDUCED OR ENHANCED PHARMACODYNAMIC EFFECTS (62) 2014262155</p>
<p>(71) Prime Forming &amp; Construction Supplies, Inc., dba Fitzgerald Formliners (21) 2020200084 (22) 06.01.2020 (54) Formliner and method of use (62) 2018204052</p>	<p>(71) Repros Therapeutics Inc. (21) 2020200027 (22) 02.01.2020 (54) Compositions and Methods for Non-Toxic Delivery of Antiprogestins (62) 2017251837</p>	<p>(71) Shire ViroPharma Incorporated (21) 2020200015 (22) 02.01.2020 (54) METHODS OF TREATING ANTI-BODY-MEDIATED REJECTION IN ORGAN TRANSPLANT PATIENTS WITH C1-ESTERASE INHIBITOR (62) 2014352846</p>
<p>(71) ProstaGene, LLC (21) 2020200083 (22) 06.01.2020 (54) Using modulators of CCR5 for treating cancer (62) 2018201516</p>	<p>(71) RYW HOLDINGS PTY LTD (21) 2019284145 (22) 30.12.2019 (54) WASTE MANAGEMENT AND PROCESSING SYSTEM (31) 2019903072 (32) 22.08.19 (33) AU</p>	<p>(61) Smith, C. (21) 2020200021 (22) 02.01.2020 (54) LEAN-TO-STEER MECHANISMS WITH LINEAR OR NON-LINEAR STEERING RESPONSES (62) 2017279611</p>
<p>(71) PXiSE Energy Solutions, LLC (21) 2020200003 (22) 30.12.2019 (54) Real-time deviation detection of power system electrical characteristics using time-synchronized measurements (31) 16/237,261 (32) 31.12.18 (33) US</p>	<p>(71) S.A. LHOIST RECHERCHE ET DEVELOPPEMENT (21) 2019284111 (22) 24.12.2019 (54) Method for manufacturing briquettes containing a calcium-magnesium compound and an iron-based compound, and briquettes obtained thereby (62) 2017294107</p>	<p>(71) Snap-on Incorporated (21) 2019284067 (22) 23.12.2019 (54) Caster wheel (62) 2018203057</p>
<p>(71) Qualcomm Incorporated (21) 2020200053 (22) 03.01.2020 (54) PUCCH FOR MTC DEVICES (62) 2015343429</p>	<p>(71) Schattdecor Sp. z.o.o. (21) 2020200102 (22) 07.01.2020 (54) Method of producing three-dimensional structural surfaces (62) 2015331049</p>	<p>(71) Sofradim Production (21) 2020200006 (22) 30.12.2019 (54) System and method for early detection of post-surgery infection (62) 2015323511</p>
<p>(71) Radio Flyer Inc. (21) 2020200042 (22) 03.01.2020 (54) Foldable wagon (62) 2016293544</p>	<p>(71) Schneider Electric (Australia) Pty Limited (21) 2020200096 (22) 07.01.2020 (54) IMPROVEMENTS IN WALL MOUNTED ELECTRICAL OUTLETS AND SWITCH PLATES (31) 2018904909 (32) 21.12.18 (33) AU</p>	<p>(71) Sony Corporation (21) 2020200093 (22) 07.01.2020 (54) Image processing device and method (62) 2017251760</p>
<p>(71) Reactive Technologies Limited (21) 2019284127 (22) 30.12.2019 (54) System for determining electric parameters of an electric power grid (31) 19182247.7 (32) 25.06.19 (33) EP</p>	<p>Segev, S. see SEGEV ACCOUNTING PTY. LTD. (21) 2019284113</p>	<p>(71) SPD Swiss Precision Diagnostics GmbH (21) 2019284096 (22) 24.12.2019 (54) Improved pregnancy test device and method (62) 2014330913</p>
<p>(71) Rearden, LLC (21) 2020200070 (22) 06.01.2020 (54) SYSTEM AND METHODS FOR COPING WITH DOPPLER EFFECTS IN</p>	<p>(71) SEGEV ACCOUNTING PTY. LTD.; Segev, S. (21) 2019284113 (22) 27.12.2019 (54) Development proposal and/or construction project and/or building project PROCESS. As a result of such a process - The old dwelling's owner and/or landlord earn (on paper) the difference</p>	<p>(71) Standard Bariatrics, Inc (21) 2019284068 (22) 24.12.2019 (54) End effectors, surgical stapling devices, and methods of using same (62) 2015241193</p>

Complete Applications Filed - Name Index cont'd

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(71) Standard Bariatrics, Inc.  
 (21) 2019284071 (22) 24.12.2019  
 (54) End effectors, surgical stapling devices, and methods of using same  
 (62) 2015241193

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(71) Staples, J.  
 (21) 2020200047 (22) 03.01.2020  
 (54) A perspex wall planner with removable and reusable clear stickers to allow the owner to design their board to suit their needs at the time.

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(71) Suntory Holdings Limited  
 (21) 2019284092 (22) 24.12.2019  
 (54) Stevia-containing beverage  
 (62) 2017239890

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(71) Suntory Holdings Limited  
 (21) 2019284101 (22) 24.12.2019  
 (54) Stevia-containing beverage  
 (62) 2017241865

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(71) The Boeing Company  
 (21) 2020200004 (22) 02.01.2020  
 (54) Apparatus and method to tailor fiber distortion in composite parts  
 (31) 16/269,614 (32) 07.02.19 (33) US

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(71) The Boeing Company  
 (21) 2020200009 (22) 02.01.2020  
 (54) Automated fiber-placement systems and methods and articles produced therefrom  
 (31) 16/363,691 (32) 25.03.19 (33) US

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(71) The General Hospital Corporation  
 (21) 2020200114 (22) 07.01.2020  
 (54) METHODS AND ASSAYS RELATING TO CIRCULATING TUMOR CELLS  
 (62) 2014364520

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(71) The Regents of the University of California  
 (21) 2020200022 (22) 02.01.2020  
 (54) BAMBAM: PARALLEL COMPARATIVE ANALYSIS OF HIGH-THROUGHPUT SEQUENCING DATA  
 (62) 2016210784

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(71) The Regents of the University of California  
 (21) 2020200034 (22) 03.01.2020  
 (54) In vitro production of medial ganglionic eminence precursor cells  
 (62) 2014236150

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(71) The United States of America, as Represented by The Secretary, Department of Health and Human Services  
 (21) 2019284080 (22) 24.12.2019  
 (54) Methods of producing enriched populations of tumor reactive T cells from peripheral blood  
 (62) 2018204458

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(71) The Yokohama Rubber Co., Ltd.  
 (21) 2020200025 (22) 02.01.2020  
 (54) Pneumatic tire  
 (62) 2017216717

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(71) Transdev Group  
 (21) 2020200033 (22) 03.01.2020  
 (54) Electronic device and method for monitoring a scene around a motor vehicle, related motor vehicle, transport system and computer program  
 (31) 19 00064 (32) 04.01.19 (33) FR

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(71) TRANSELL CO., LTD  
 (21) 2019284105 (22) 24.12.2019  
 (54) Blood component separating device  
 (62) 2016387808

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(71) Trespa International B.V.  
 (21) 2020200000 (22) 01.01.2020  
 (54) A method of fabricating a décor  
 (31) 2022381 (32) 11.01.19 (33) NL

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(71) Trinity Bay Equipment Holdings, LLC  
 (21) 2020200051 (22) 03.01.2020  
 (54) Connector for pipes  
 (62) 2015324083

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(71) United States Postal Service  
 (21) 2020200075 (22) 06.01.2020  
 (54) A system and method of control of electronic parcel lockers  
 (62) 2018204409

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(71) University of Florida Research Foundation, Inc.  
 (21) 2020200041 (22) 03.01.2020  
 (54) Capsid-modified, rAAV3 vector compositions and uses in gene therapy of human liver cancer  
 (62) 2014274457

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**VAN DOREMAELE, M.G.M. see LEMMEN, J.A.J.**  
 (21) 2019284106

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(71) Verseon Corporation  
 (21) 2020200016 (22) 02.01.2020  
 (54) SUBSTITUTED PYRAZOLE COMPOUNDS AS SERINE PROTEASE INHIBITORS  
 (62) 2016224974

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(71) Visa U.S.A. Inc  
 (21) 2019284069 (22) 24.12.2019  
 (54) APPLICATION CURRENCY CODE FOR DYNAMIC CURRENCY CONVERSION TRANSACTIONS WITH CONTACTLESS CONSUMER TRANSACTION PAYMENT DEVICE  
 (62) 2017206203

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(71) Water Pik, Inc.  
 (21) 2019283847 (22) 18.12.2019  
 (54) WIRELESSLY CONTROLLED ORAL IRRIGATOR  
 (62) 2018204488

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(71) Waymo LLC  
 (21) 2019284146 (22) 30.12.2019  
 (54) Testing predictions for autonomous vehicles  
 (62) 2017291708

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(71) Wilson Wolf Manufacturing Corporation  
 (21) 2020200037 (22) 03.01.2020  
 (54) Improved methods of cell culture for adaptive cell therapy  
 (62) 2018201826

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(71) Wix.com Ltd.  
 (21) 2019284073 (22) 24.12.2019  
 (54) A system and method for dialog customization  
 (62) 2018202241

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(71) Xenex Disinfection Services LLC  
 (21) 2019284102 (22) 24.12.2019  
 (54) Ultraviolet Discharge Lamp Apparatuses With One Or More Reflectors And Systems Which Determine Operating Parameters And Disinfection Schedules For Germicidal Devices  
 (62) 2018200405

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(71) Xyleco, Inc.  
 (21) 2020200091 (22) 07.01.2020  
 (54) Processing Biomass  
 (62) 2018200353

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(71) Yale University  
 (21) 2020200008 (22) 02.01.2020  
 (54) Polymeric bile acid nanocompositions targeting the pancreas and colon  
 (62) 2016316119

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Numerical Index

2019283847	Water Pik, Inc.	2019284141	Becton, Dickinson and Company
2019284037	KCI Licensing, Inc.	2019284142	Ionis Pharmaceuticals, Inc.
2019284039	Align Technology, Inc.	2019284143	Performance Lab Technologies Limited
2019284040	Apple Inc.	2019284144	InterDigital Patent Holdings, Inc.
2019284059	Janssen Pharmaceutica NV	2019284145	RYW HOLDINGS PTY LTD
2019284060	Impax Laboratories, Inc.	2019284146	Waymo LLC
2019284064	Level35 Pty Ltd	2019284147	Heraeus Medical GmbH
2019284065	Recombinetics, Inc	2019284148	NTT DOCOMO, INC.
2019284066	Madrigal Pharmaceuticals, Inc.	2019284149	Calithera Biosciences, Inc.
2019284067	Snap-on Incorporated	2019284150	NTT DOCOMO, INC.
2019284068	Standard Bariatrics, Inc	2019284151	Juniper Networks, Inc.
2019284069	Visa U.S.A. Inc	2019284152	Gharat, T.V.; Kamavarapu, S.M.
2019284070	CYLUS CYBER SECURITY LTD.	2019284153	Covidien LP
2019284071	Standard Bariatrics, Inc.	2019284154	Caniel Industries A. T. G. Ltd.
2019284072	Caroma Industries Limited; micas AG	2019284155	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2019284073	Wix.com Ltd.		
2019284074	Children's Medical Center Corporation	2019284157	Hitchcock, T.J.
2019284075	Intrator, N.	2020200000	Trespa International B.V.
2019284076	Precision Planting LLC	2020200001	Daniell, J.
2019284077	Orora Limited	2020200002	Big Belly Solar, Inc.
2019284078	Covidien LP	2020200003	PXiSE Energy Solutions, LLC
2019284079	Covidien LP	2020200004	The Boeing Company
2019284080	The United States of America, as Represented by The Secretary, Department of Health and Human Services	2020200005	Norton (Waterford) Limited
		2020200006	Sofradim Production
2019284081	Perfect Day, Inc.	2020200008	Yale University
2019284082	Covidien LP	2020200009	The Boeing Company
2019284083	Apple Inc.	2020200010	INSTITUT DE RECERCA CONTRA LA LEUCEMIA JOSEP CARRERAS
2019284084	Megadyne Medical Products, Inc.		
2019284085	LG Electronics Inc.	2020200011	LG Electronics Inc.
2019284086	Bolton, L.	2020200012	Humanscale Corporation
2019284087	Fresenius Medical Care Holdings, Inc.	2020200013	Avery Dennison Corporation
2019284088	Gen-Probe Incorporated	2020200014	Howmedica Osteonics Corp.
2019284089	Covidien LP	2020200015	Shire ViroPharma Incorporated
2019284090	MAKO Surgical Corp.	2020200016	Verseon Corporation
2019284091	Behr Process Corporation	2020200017	Oleynik, M.
2019284092	Suntory Holdings Limited	2020200018	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2019284096	SPD Swiss Precision Diagnostics GmbH		
2019284098	Brady, G.	2020200019	NewMarket Pharmaceuticals LLC
2019284099	Applied Signals Intelligence, Inc.	2020200020	Cerner Innovation, Inc.
2019284100	Kinshofer GmbH	2020200021	Smith, C.
2019284101	Suntory Holdings Limited	2020200022	The Regents of the University of California
2019284102	Xenex Disinfection Services LLC	2020200023	Iantech, Inc.
2019284103	Joy Global Surface Mining Inc	2020200025	The Yokohama Rubber Co., Ltd.
2019284105	TRANSELL CO., LTD	2020200026	Baxalta GmbH; Baxalta Incorporated
2019284106	LEMMEN, J.A.J.; VAN DOREMAELE, M.G.M.	2020200027	Repros Therapeutics Inc.
2019284108	Mickelbobs BBC Patents Pty Ltd	2020200028	Apple Inc.
2019284110	Kerkhoff, S.	2020200029	ExThera Medical Corporation
2019284111	S.A. LHOIST RECHERCHE ET DEVELOPPEMENT	2020200030	LG Electronics Inc.
2019284112	Pillay, P.	2020200031	NISCO CO., LTD
2019284113	SEGEV ACCOUNTING PTY. LTD.; Segev, S.	2020200032	Biosense Webster (Israel) Ltd.
2019284114	Covidien LP	2020200033	Transdev Group
2019284115	Covidien LP	2020200034	The Regents of the University of California
2019284116	Covidien LP	2020200035	Levy, F.; Levy, K.
2019284117	Covidien LP	2020200036	Aristocrat Technologies Australia Pty Limited
2019284118	Covidien LP	2020200037	Wilson Wolf Manufacturing Corporation
2019284120	MasterCard International Incorporated	2020200038	Aristocrat Technologies Australia Pty Limited
2019284124	Nordex Energy Spain, S.A.U.	2020200039	CFPH, LLC
2019284125	HAEMATEX RESEARCH PTY LIMITED	2020200040	ConocoPhillips Company
2019284126	Copper Trading Pty Ltd	2020200041	University of Florida Research Foundation, Inc.
2019284127	Reactive Technologies Limited	2020200042	Radio Flyer Inc.
2019284128	Dometic Sweden AB	2020200043	CODAN Holding GmbH
2019284129	Dometic Sweden AB	2020200044	AMDT Holdings, Inc.
2019284130	Dometic Sweden AB	2020200045	NEC Corporation of America
2019284131	Dometic Sweden AB	2020200046	Nevis Industries LLC
2019284133	Dometic Sweden AB	2020200047	Staples, J.
2019284134	Dometic Sweden AB	2020200048	LG Electronics Inc.
2019284136	Intex Holdings Pty Ltd	2020200049	Goldsworthy, R.
2019284140	Medtronic Minimed, Inc.	2020200050	Hiltec Designs Ltd

## Complete Applications Filed - Numerical Index cont'd

2020200051	Trinity Bay Equipment Holdings, LLC
2020200052	Regeneron Pharmaceuticals, Inc.
2020200053	Qualcomm Incorporated
2020200054	MacroGenics, Inc.
2020200055	Implantica Patent Ltd
2020200056	Patent Investment & Licensing Company
2020200057	govino, LLC
2020200058	Intuit Inc.
2020200059	Intuit Inc.
2020200060	MEMARI, A.
2020200061	Patent Investment & Licensing Company
2020200062	Mandometer AB
2020200063	FUJIFILM Corporation
2020200064	Caterpillar Inc.
2020200065	Selecta Biosciences, Inc.
2020200066	Immatics Biotechnologies GmbH
2020200067	NOWWW.US PTY LTD
2020200068	O'Meara, A.
2020200069	Blue Belt Technologies, Inc.
2020200070	Rearden, LLC
2020200071	PayPal, Inc.
2020200073	Intuit, Inc.
2020200074	Huawei Technologies Co., Ltd.
2020200075	United States Postal Service
2020200076	Hayward Industries, Inc.
2020200077	Howmedica Osteonics Corp.
2020200078	Fusion Holdings Limited
2020200079	Howmedica Osteonics Corp.
2020200080	Focused Technology Solutions, Inc.
2020200081	Nichol, L.
2020200082	Arbutus Biopharma Corporation
2020200083	ProstaGene, LLC
2020200084	Prime Forming & Construction Supplies, Inc., dba Fitzgerald Formliners
2020200087	Mallinckrodt Hospital Products IP Limited
2020200088	Australian Adjuvants Pty Ltd
2020200089	Ascent Products, LLC
2020200090	Advanced Bariatric Technology, LLC
2020200091	Xyleco, Inc.
2020200092	Max-Delbrück-Centrum für molekulare Medizin (MDC) Berlin-Buch
2020200093	Sony Corporation
2020200094	Conventus Orthopaedics, Inc.
2020200095	JG & AM SMITH INVESTMENTS PTY LTD
2020200096	Schneider Electric (Australia) Pty Limited
2020200097	Aristocrat Technologies Australia Pty Limited
2020200098	Biosense Webster (Israel) Ltd.
2020200099	Brilliant Light Power, Inc.
2020200100	Aristocrat Technologies Australia Pty Limited
2020200101	Genentech, Inc.
2020200102	Schattdecor Sp. z.o.o.
2020200103	Apple Inc.
2020200104	Avaz Surgical, LLC
2020200105	Apple Inc.
2020200106	Fraunhofer-Gesellschaft zur Förderung der Ange- wandten Forschung E.V.
2020200107	Aristocrat Technologies Australia Pty Limited
2020200108	BISSELL Inc.
2020200109	Lennox Industries Inc.
2020200110	NIKE Innovate C.V.
2020200111	Bartco Traffic Equipment Pty Ltd
2020200112	NANTOH. CO., LTD
2020200113	Guardhat, Inc.
2020200114	The General Hospital Corporation



**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 7 Jan 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Advanced Substructures Ltd (21) 2020100004 (22) 02.01.2020 (54) A Method Of Constructing A Column, A Subterranean Structure, And A Structure Made From The Method (62) 2016102394</p> <hr/> <p>(71) Agrawal, S. (21) 2020100010 (22) 03.01.2020 (54) Solar Powered Portable Hydro-oxy stove</p> <hr/> <p>(71) Anhui University of Science and Technology (21) 2019101696 (22) 24.12.2019 (54) A Circulating Layered Injection Device</p> <hr/> <p>(71) Apple Inc. (21) 2020100003 (22) 02.01.2020 (54) Electronic devices having displays with compensation for oxide transistor threshold voltage (31) 201910079924.8 (32) 28.01.19 (33) CN 16/283,481 22.02.19 US</p> <hr/> <p>(71) BISSELL Inc. (21) 2020100009 (22) 03.01.2020 (54) Surface cleaning apparatus having a fluid distributor (31) 62/789,038 (32) 07.01.19 (33) US</p> <hr/> <p>(71) Camm, A. (21) 2019101716 (22) 30.12.2019 (54) WEARABLE SAFETY ITEM</p> <hr/> <p><b>Chen, Z. see Xie, X.</b> (21) 2019101703</p> <hr/> <p>(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING (21) 2020100000 (22) 01.01.2020 (54) EXPERIMENTAL PLATFORM FOR SIMULATING SURFACE MOVEMENT AND DEFORMATION (31) 201910004503.9 (32) 03.01.19 (33) CN</p> <hr/> <p>(71) Copper Trading Pty Ltd (21) 2019101713 (22) 29.12.2019 (54) IMPROVED ISOLATION ASSEMBLY (31) 2019903541 (32) 23.09.19 (33) AU</p> <hr/> <p><b>Coyle, P. see Coyle, A.</b></p>	<p>(21) 2020100002</p> <hr/> <p>(71) Coyle, A.; Coyle, P. (21) 2020100002 (22) 02.01.2020 (54) A CONFECTIONARY DECORATING KIT (62) PCT/EP2019/052535</p> <hr/> <p>(71) First Affiliated Hospital, School of Medicine, Shihezi University (21) 2019101709 (22) 27.12.2019 (54) TILIANIN LOADED OXIDATION RESPONSE NANO-MICELLE AND PREPARATION METHOD THEREFOR</p> <hr/> <p>(71) Foshan University (21) 2019101700 (22) 24.12.2019 (54) A Method For Measuring Closed-Pore Porosity Of A Nanoporous Film</p> <hr/> <p>(71) GIBGIB HOLDINGS PTY LTD (21) 2020100006 (22) 03.01.2020 (54) Emoji graphic &amp;/ or word vehicle display advisory message system for side, rear or front window or surface of a vehicle to temporarily or permanently communicate to the immediate vehicles/ road users nearby by use of a blinker like stalk controller or buttons at the driver position. The display is set safely using a mobile phone APP or loading files to an SD card or USB &amp; intended as a DIY install retrofit, but could be implemented into new cars. One of the targets for this invention is Rideshare or Taxi drivers &amp; its users. It can display ID information as confirmation to passengers.</p> <hr/> <p>(71) Henan Polytechnic University (21) 2019101695 (22) 24.12.2019 (54) An Optical Fiber Grating Arch Bridge Pressure Sensor</p> <hr/> <p>(71) HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY; INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES; UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA (21) 2019101698 (22) 24.12.2019 (54) Adaptive Bandwidth Transmitting Mechanism Suitable For Ultra High-Speed Wireless Local Area Network</p> <hr/> <p>(71) HIDLE PTY LTD (21) 2019101714 (22) 29.12.2019</p>	<p>(54) Application Program Interface (API) or Widget Developed &amp; Coded For Insurance Quotation &amp; Insurance Provision Purposes Through An Outside Or Third Party Insurance Underwriter That Takes The Consumer Both Business &amp; Private To A Third Party Site Or References A Third Party Site Or Processes The Insurance Quotation Or Provision Through Any Kind Of Online Platform Australia Wide To Provide Consumer Asset Owners Listing Their Assets on an Online Platform Of Any Kind Australia Wide Or Consumer Asset Hirers Hiring Items From An Online Platform Of Any Kind Australia Wide.</p> <hr/> <p>(71) Huang, Z. (21) 2019101704 (22) 24.12.2019 (54) A Smart Waste-sorting-and-recycling Device</p> <hr/> <p><b>INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES see HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY</b> (21) 2019101698</p> <hr/> <p>(71) INSTITUTE OF GEOLOGY AND GEOPHYSICS, CHINESE ACADEMY OF SCIENCES (21) 2019101707 (22) 26.12.2019 (54) DESIGN AND CONSTRUCTION METHOD FOR USING MODIFIED PHOSPHOGYPSUM IN ROADBED AND SLOPE (31) 201910118172.1 (32) 15.02.19 (33) CN</p> <hr/> <p>(71) James, M. (21) 2019101718 (22) 31.12.2019 (54) DISPLAY DOOR APPARATUS</p> <hr/> <p><b>Jiangsu Institute of Poultry Science see YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.</b> (21) 2019101693</p> <hr/> <p><b>Jiangsu Institute of Poultry Science see YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.</b> (21) 2019101694</p> <hr/> <p><b>Jiangsu Institute of Poultry Science see YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.</b> (21) 2019101701</p>
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Innovation Patent Applications Filed - Name Index cont'd

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**KARAMOOZIAN, A. see WU, D.**  
**(21)** 2020100001

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**(71)** KUNSHAN KERSEN SCIENCE & TECHNOLOGY CO., LTD  
**(21)** 2020100007 **(22)** 03.01.2020  
**(54)** POSITIONING ROTATION SHAFT FOR NOTEBOOK COMPUTER  
**(62)** PCT/CN2017/099230

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**(71)** KUNSHAN KERSEN SCIENCE & TECHNOLOGY CO., LTD  
**(21)** 2020100008 **(22)** 03.01.2020  
**(54)** ROTATING SHAFT MECHANISM FOR LAPTOP  
**(62)** PCT/CN2018/077832

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**(71)** Lin, H.  
**(21)** 2019101705 **(22)** 24.12.2019  
**(54)** A Warning Seat Belt

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**(71)** Luafataalii-Taimaiono, H.  
**(21)** 2019101712 **(22)** 28.12.2019  
**(54)** Grey Water Bin - relating to collecting, filtering and recycling greywater (household wastewater) from washing machines, baths, basins or showers, thus falling under the "manual bucketting" system for watering restrictions. This recycled water must be used within 24hrs of collection to avoid the risk of spills and bad odours.

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**(71)** MANN + HUMMEL GmbH  
**(21)** 2019101702 **(22)** 24.12.2019  
**(54)** OIL SEPARATOR  
**(62)** 2019100804

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**(71)** MAPTABS ENTERPRISES PTY LTD  
**(21)** 2019101706 **(22)** 26.12.2019  
**(54)** Smartphone with multiple operating systems under one phone. Ability to switch operating systems and view of phone to show and sync connected devices such as tablet and PC.

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**(71)** McBow, G.  
**(21)** 2020100005 **(22)** 02.01.2020  
**(54)** LINE TRIMMER ASSEMBLY

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**(71)** Moffatt, G.  
**(21)** 2019101715 **(22)** 30.12.2019  
**(54)** BEVERAGE PROTECTION ARTICLE

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**Nie, H. see Xie, X.**  
**(21)** 2019101703

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**(71)** Sanlian Pump Industry Co., Ltd.  
**(21)** 2019101710 **(22)** 27.12.2019

**(54)** AIR-LIQUID MIXED TYPE SELF-PRIMING CENTRIFUGAL PUMP  
**(31)** 201910002086.4 **(32)** 02.01.19 **(33)** CN

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**(71)** Site Sentry  
**(21)** 2019101717 **(22)** 31.12.2019  
**(54)** Boslterbase: The invention is a full-length temporary fence base that allows a standard Australian temporary fence panel 2200-2400mm to be inserted into it and secured. The invention is a moulded plastic design that is filled with a liquid or a material such as sand to increase the weight. The design has a filling point at the top of the design and a drain point at the base of the design.

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**(71)** Southwest University  
**(21)** 2019101711 **(22)** 28.12.2019  
**(54)** An Effective Primal-Dual Stochastic Distributed Strategy for Large-Scale Machine Learning

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**(71)** Taiyuan City Vocational College  
**(21)** 2019101697 **(22)** 24.12.2019  
**(54)** Method for Cultivating a Miniature Bonsai in a Vehicle

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**(71)** Taiyuan City Vocational College  
**(21)** 2019101699 **(22)** 24.12.2019  
**(54)** Vacuum Repair Method For Tree Holes Or Tree Pits

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**(71)** Techtronic Cordless GP  
**(21)** 2019101688 **(22)** 24.12.2019  
**(54)** Trimmer head assembly for a trimmer  
**(31)** 62/704,044 **(32)** 03.01.19 **(33)** US

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**UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA see HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**(21)** 2019101698

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**(71)** WU, D.; KARAMOOZIAN, A.  
**(21)** 2020100001 **(22)** 01.01.2020  
**(54)** A DEVELOPED FAILURE MODE AND EFFECTIVE ANALYSIS APPROACH FOR RISK PRIORITIZATION IN CONSTRUCTION PROJECTS

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**(71)** Xie, X.; Chen, Z.; Zhou, Y.; Nie, H.  
**(21)** 2019101703 **(22)** 24.12.2019  
**(54)** Waste Collection Device in Water

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**(71)** YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.; Jiangsu Institute of Poultry Science  
**(21)** 2019101693 **(22)** 24.12.2019  
**(54)** A Primer for Identification of Shaobo Chicken and Its Application and A

Method for Rapid Identification of Shaobo Chicken

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**(71)** YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.; Jiangsu Institute of Poultry Science  
**(21)** 2019101694 **(22)** 24.12.2019  
**(54)** A Method for Breeding a New Strain of Dwarf Green Shank Recessive White Feather Broilers for Breed Production of High Quality Broilers

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**(71)** YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.; Jiangsu Institute of Poultry Science  
**(21)** 2019101701 **(22)** 24.12.2019  
**(54)** A Method for Breed Production of Slaughtering Yellow Feather Broilers

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**(71)** Zhang, H.  
**(21)** 2019101708 **(22)** 26.12.2019  
**(54)** A Posture Corrector Electronic Ring

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**Zhou, Y. see Xie, X.**  
**(21)** 2019101703

**Numerical Index**

<b>2019101688</b>	Techtronic Cordless GP	<b>2019101708</b>	Zhang, H.
<b>2019101693</b>	YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.; Jiangsu Institute of Poultry Science	<b>2019101709</b>	First Affiliated Hospital, School of Medicine, Shihezi University
<b>2019101694</b>	YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.; Jiangsu Institute of Poultry Science	<b>2019101710</b>	Sanlian Pump Industry Co., Ltd.
<b>2019101695</b>	Henan Polytechnic University	<b>2019101711</b>	Southwest University
<b>2019101696</b>	Anhui University of Science and Technology	<b>2019101712</b>	Luafataalii-Taimaiono, H.
<b>2019101697</b>	Taiyuan City Vocational College	<b>2019101713</b>	Copper Trading Pty Ltd
<b>2019101698</b>	HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY; INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES; UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA	<b>2019101714</b>	HIDLE PTY LTD
<b>2019101699</b>	Taiyuan City Vocational College	<b>2019101715</b>	Moffatt, G.
<b>2019101700</b>	Foshan University	<b>2019101716</b>	Camm, A.
<b>2019101701</b>	YANGZHOU XIANGLONG POULTRY INDUSTRY DEVELOPMENT CO., LTD.; Jiangsu Institute of Poultry Science	<b>2019101717</b>	Site Sentry
<b>2019101702</b>	MANN + HUMMEL GmbH	<b>2019101718</b>	James, M.
<b>2019101703</b>	Xie, X.; Chen, Z.; Zhou, Y.; Nie, H.	<b>2020100000</b>	CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING
<b>2019101704</b>	Huang, Z.	<b>2020100001</b>	WU, D.; KARAMOOZIAN, A.
<b>2019101705</b>	Lin, H.	<b>2020100002</b>	Coyle, A.; Coyle, P.
<b>2019101706</b>	MAPTABS ENTERPRISES PTY LTD	<b>2020100003</b>	Apple Inc.
<b>2019101707</b>	INSTITUTE OF GEOLOGY AND GEOPHYSICS, CHINESE ACADEMY OF SCIENCES	<b>2020100004</b>	Advanced Substructures Ltd
		<b>2020100005</b>	McBow, G.
		<b>2020100006</b>	GIBGIB HOLDINGS PTY LTD
		<b>2020100007</b>	KUNSHAN KERSEN SCIENCE & TECHNOLOGY CO., LTD
		<b>2020100008</b>	KUNSHAN KERSEN SCIENCE & TECHNOLOGY CO., LTD
		<b>2020100009</b>	BISSELL Inc.
		<b>2020100010</b>	Agrawal, S.

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

2019100987 **Love, D.** The filing date has been amended to 11.11.2019  
 2019257462 **CIVIL ASSIST PTY. LTD.; Handley, R.** The filing date has been amended to 06.01.2020

**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

**1995**

1995015127 ( 14 )

**1999**

1999065346 ( 14 )    1999065354 ( 14 )    1999065358 ( 14 )  
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 2000022707 ( 14 )    2000022780 ( 14 )    2000022869 ( 14 )  
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**2003**

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**2004**

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2004251481 ( 14 )	2004251868 ( 14 )	2004252114 ( 14 )	2009259862 ( 14 )	2009259901 ( 14 )	2009259906 ( 14 )
2004252599 ( 14 )	2004253118 ( 14 )	2004253467 ( 14 )	2009260153 ( 14 )	2009260228 ( 14 )	2009260834 ( 14 )
2004253527 ( 14 )	2004253788 ( 14 )	2004253833 ( 14 )	2009261210 ( 14 )	2009261211 ( 14 )	2009261230 ( 14 )
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2005333039 ( 14 )	2005333140 ( 14 )	2005333356 ( 14 )
2005333449 ( 14 )		

**2006**

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2006262603 ( 14 )	2006264057 ( 14 )	2006264519 ( 14 )
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**2007**

2007200462 ( 14 )	2007202706 ( 14 )	2007202762 ( 14 )
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2007258938 ( 14 )	2007259122 ( 14 )	2007259485 ( 14 )
2007260028 ( 14 )	2007260592 ( 14 )	2007261011 ( 14 )
2007261070 ( 14 )	2007261464 ( 14 )	2007262666 ( 14 )
2007263351 ( 14 )	2007263627 ( 14 )	2007264393 ( 14 )
2007265652 ( 14 )	2007273210 ( 14 )	2007275955 ( 14 )
2007354506 ( 14 )	2007354717 ( 14 )	2007354904 ( 14 )
2007355782 ( 14 )		

**2008**

2008200152 ( 14 )	2008200636 ( 14 )	2008201913 ( 14 )
2008202471 ( 14 )	2008202639 ( 14 )	2008202726 ( 14 )
2008202727 ( 14 )	2008202828 ( 14 )	2008255121 ( 14 )
2008259499 ( 14 )	2008261619 ( 14 )	2008261668 ( 14 )
2008263397 ( 14 )	2008263569 ( 14 )	2008263907 ( 14 )
2008265110 ( 14 )	2008265231 ( 14 )	2008265749 ( 14 )
2008265962 ( 14 )	2008265969 ( 14 )	2008266120 ( 14 )
2008266746 ( 14 )	2008266797 ( 14 )	2008266813 ( 14 )
2008266868 ( 14 )	2008266971 ( 14 )	2008267220 ( 14 )
2008267464 ( 14 )	2008268226 ( 14 )	2008268537 ( 14 )
2008273495 ( 14 )	2008279550 ( 14 )	2008280538 ( 14 )
2008280604 ( 14 )	2008353317 ( 14 )	2008353520 ( 14 )
2008357911 ( 14 )	2008358066 ( 14 )	

**2009**

2009201911 ( 14 )	2009202426 ( 14 )	2009202647 ( 14 )
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**2010**

2010200102 ( 14 )	2010202426 ( 14 )	2010202476 ( 14 )
2010202524 ( 14 )	2010202558 ( 14 )	2010202568 ( 14 )
2010202590 ( 14 )	2010202594 ( 14 )	2010224373 ( 14 )
2010258067 ( 14 )	2010258088 ( 14 )	2010258092 ( 14 )
2010258334 ( 14 )	2010258351 ( 14 )	2010258352 ( 14 )
2010258354 ( 14 )	2010258355 ( 14 )	2010258356 ( 14 )
2010258358 ( 14 )	2010258679 ( 14 )	2010258713 ( 14 )
2010258714 ( 14 )	2010258799 ( 14 )	2010259207 ( 14 )
2010259914 ( 14 )	2010259925 ( 14 )	2010259927 ( 14 )
2010259934 ( 14 )	2010259935 ( 14 )	2010259937 ( 14 )
2010260151 ( 14 )	2010260528 ( 14 )	2010260585 ( 14 )
2010260847 ( 14 )	2010261658 ( 14 )	2010261751 ( 14 )
2010261809 ( 14 )	2010261855 ( 14 )	2010262292 ( 14 )
2010262696 ( 14 )	2010263084 ( 14 )	2010263261 ( 14 )
2010263357 ( 14 )	2010263419 ( 14 )	2010263914 ( 14 )
2010264099 ( 14 )	2010264325 ( 14 )	2010265087 ( 14 )
2010265144 ( 14 )	2010265792 ( 14 )	2010265832 ( 14 )
2010268134 ( 14 )	2010268870 ( 14 )	2010269085 ( 14 )
2010270951 ( 14 )	2010280469 ( 14 )	2010283058 ( 14 )
2010285194 ( 14 )	2010285928 ( 14 )	2010286192 ( 14 )
2010287903 ( 14 )	2010312263 ( 14 )	2010355229 ( 14 )
2010355523 ( 14 )		

**2011**

2011101658 ( 22 )	2011101671 ( 22 )	2011101672 ( 22 )
2011101683 ( 22 )	2011101688 ( 22 )	2011101691 ( 22 )
2011101694 ( 22 )	2011101699 ( 22 )	2011101705 ( 22 )
2011101735 ( 22 )	2011101739 ( 22 )	2011200833 ( 14 )
2011201039 ( 14 )	2011202713 ( 14 )	2011202714 ( 14 )
2011202780 ( 14 )	2011202874 ( 14 )	2011202931 ( 14 )
2011202951 ( 14 )	2011203087 ( 14 )	2011204848 ( 14 )
2011204851 ( 14 )	2011204852 ( 14 )	2011263785 ( 14 )
2011264119 ( 14 )	2011264858 ( 14 )	2011264882 ( 14 )
2011264975 ( 14 )	2011265184 ( 14 )	2011265222 ( 14 )
2011265259 ( 14 )	2011266735 ( 14 )	2011266792 ( 14 )
2011266808 ( 14 )	2011267007 ( 14 )	2011267415 ( 14 )
2011267872 ( 14 )	2011268185 ( 14 )	2011268480 ( 14 )
2011268707 ( 14 )	2011268754 ( 14 )	2011268876 ( 14 )
2011268922 ( 14 )	2011269071 ( 14 )	2011269098 ( 14 )
2011269932 ( 14 )	2011270548 ( 14 )	2011270754 ( 14 )
2011270871 ( 14 )	2011271175 ( 14 )	2011271278 ( 14 )
2011273218 ( 14 )	2011273219 ( 14 )	2011273689 ( 14 )
2011276724 ( 14 )	2011282056 ( 14 )	2011307575 ( 14 )
2011319319 ( 14 )	2011325849 ( 14 )	2011365175 ( 14 )
2011370979 ( 14 )	2011371008 ( 14 )	

**2012**

2012100010 ( 22 )	2012100011 ( 22 )	2012100850 ( 22E )
2012100854 ( 22E )	2012100871 ( 22E )	2012100880 ( 22E )
2012100932 ( 22E )	2012101943 ( 22E )	2012201073 ( 14 )
2012201889 ( 14 )	2012203530 ( 14 )	2012203555 ( 14 )
2012203561 ( 14 )	2012203585 ( 14 )	2012245171 ( 14 )
2012245175 ( 14 )	2012266004 ( 14 )	2012266245 ( 14 )
2012266314 ( 14 )	2012266369 ( 14 )	2012267214 ( 14 )
2012267489 ( 14 )	2012267528 ( 14 )	2012267533 ( 14 )
2012267622 ( 14 )	2012267789 ( 14 )	2012267925 ( 14 )

2012269060 ( 14 )	2012269075 ( 14 )	2012269112 ( 14 )	2015201128 ( 14 )	2015201129 ( 14 )	2015201131 ( 14 )
2012269390 ( 14 )	2012270014 ( 14 )	2012270472 ( 14 )	2015201132 ( 14 )	2015201445 ( 5C )	2015201618 ( 5C )
2012270473 ( 14 )	2012271293 ( 14 )	2012271413 ( 14 )	2015201653 ( 5C )	2015202664 ( 14 )	2015202725 ( 14 )
2012271586 ( 14 )	2012271631 ( 14 )	2012271661 ( 14 )	2015202825 ( 14 )	2015203025 ( 4B )	2015203043 ( 4B )
2012271834 ( 14 )	2012271841 ( 14 )	2012271844 ( 14 )	2015203059 ( 4A )	2015203101 ( 14 )	2015203112 ( 4A )
2012271846 ( 14 )	2012271848 ( 14 )	2012272129 ( 14 )	2015203142 ( 14 )	2015203188 ( 5C )	2015203190 ( 5C )
2012272512 ( 14 )	2012272641 ( 14 )	2012272655 ( 14 )	2015203193 ( 4C )	2015203229 ( 4B )	2015203311 ( 14 )
2012272763 ( 14 )	2012273039 ( 14 )	2012273121 ( 14 )	2015203326 ( 14 )	2015203329 ( 4C )	2015203333 ( 14 )
2012273161 ( 14 )	2012273323 ( 14 )	2012274046 ( 14 )	2015203334 ( 4C )	2015203338 ( 5C )	2015203367 ( 4B )
2012274904 ( 14 )	2012274943 ( 14 )	2012275843 ( 14 )	2015203450 ( 14 )	2015203451 ( 14 )	2015203470 ( 14 )
2012276359 ( 14 )	2012280021 ( 14 )	2012284483 ( 14 )	2015203481 ( 5C )	2015205009 ( 5C )	2015207843 ( 1B )
2012302250 ( 14 )	2012333208 ( 14 )	2012363114 ( 14 )	2015208891 ( 5C )	2015212468 ( 5C )	2015212559 ( 5C )
2012382008 ( 14 )	2012382756 ( 14 )		2015212820 ( 5C )	2015218322 ( 5C )	2015219188 ( 5C )
			2015226391 ( 5C )	2015227516 ( 14 )	2015228667 ( 5C )
<b>2013</b>			2015234237 ( 5C )	2015234244 ( 25D )	2015236203 ( 5C )
2013100815 ( 22E )	2013100831 ( 22E )	2013100839 ( 22E )	2015236205 ( 5C )	2015237140 ( 5C )	2015237947 ( 5C )
2013100977 ( 22 )	2013100996 ( 22G )	2013101023 ( 22 )	2015241065 ( 5C )	2015245260 ( 5C )	2015246615 ( 5C )
2013101764 ( 22E )	2013203192 ( 14 )	2013204813 ( 14 )	2015249142 ( 14 )	2015249143 ( 5C )	2015249210 ( 4C )
2013205527 ( 14 )	2013205911 ( 14 )	2013206255 ( 14 )	2015250064 ( 5C )	2015257462 ( 25D )	2015259393 ( 5C )
2013206262 ( 14 )	2013206294 ( 14 )	2013206418 ( 14 )	2015263203 ( 5C )	2015266624 ( 5C )	2015267116 ( 25D )
2013206433 ( 14 )	2013206440 ( 14 )	2013206450 ( 5C )	2015269054 ( 4C )	2015269193 ( 5C )	2015272127 ( 4C )
2013206451 ( 5C )	2013206505 ( 14 )	2013206507 ( 5C )	2015272142 ( 4C )	2015273122 ( 4C )	2015273240 ( 4C )
2013270672 ( 14 )	2013271375 ( 14 )	2013271413 ( 14 )	2015273434 ( 14 )	2015273435 ( 14 )	2015273903 ( 4C )
2013271495 ( 14 )	2013273489 ( 14 )	2013274333 ( 14 )	2015274379 ( 4C )	2015274551 ( 4C )	2015274626 ( 14 )
2013274604 ( 14 )	2013274972 ( 14 )	2013275031 ( 14 )	2015274628 ( 14 )	2015274635 ( 14 )	2015274637 ( 14 )
2013275211 ( 14 )	2013276138 ( 14 )	2013276205 ( 14 )	2015274696 ( 14 )	2015274895 ( 4C )	2015274908 ( 4C )
2013276307 ( 14 )	2013276309 ( 14 )	2013277488 ( 14 )	2015275695 ( 5C )	2015275730 ( 5C )	2015275761 ( 4C )
2013277894 ( 14 )	2013277910 ( 14 )	2013277932 ( 14 )	2015275960 ( 14 )	2015276415 ( 5C )	2015276777 ( 4C )
2013278008 ( 14 )	2013278296 ( 14 )	2013278302 ( 14 )	2015276857 ( 14 )	2015277014 ( 14 )	2015277015 ( 14 )
2013279337 ( 14 )	2013279489 ( 14 )	2013279815 ( 14 )	2015277016 ( 14 )	2015277050 ( 4C )	2015277272 ( 4C )
2013279856 ( 14 )	2013280697 ( 14 )	2013280828 ( 14 )	2015277443 ( 4C )	2015277555 ( 4C )	2015278242 ( 5C )
2013280850 ( 14 )	2013280860 ( 14 )	2013280906 ( 14 )	2015278669 ( 4C )	2015278862 ( 4C )	2015278981 ( 5C )
2013280980 ( 14 )	2013283543 ( 14 )	2013283932 ( 14 )	2015279229 ( 4C )	2015279423 ( 4C )	2015279424 ( 5C )
2013289490 ( 14 )	2013350831 ( 5C )	2013350839 ( 5C )	2015279428 ( 14 )	2015279978 ( 14 )	2015280138 ( 14 )
2013364372 ( 14 )	2013381362 ( 5C )	2013392958 ( 14 )	2015280245 ( 4C )	2015281359 ( 14 )	2015281782 ( 4C )
2013392974 ( 14 )			2015281792 ( 5C )	2015283151 ( 14 )	2015283158 ( 5C )
			2015283166 ( 4C )	2015284198 ( 5C )	2015284713 ( 5C )
			2015285000 ( 14 )	2015285988 ( 4C )	2015286205 ( 4C )
<b>2014</b>			2015294244 ( 4B )	2015297858 ( 4B )	2015298714 ( 5C )
2014100684 ( 22E )	2014100704 ( 22 )	2014100708 ( 22E )	2015307186 ( 4B )	2015307266 ( 25D )	2015323708 ( 25D )
2014100709 ( 22E )	2014200563 ( 5C )	2014200936 ( 5C )	2015323900 ( 5C )	2015327027 ( 5C )	2015332456 ( 5C )
2014201672 ( 14 )	2014201752 ( 5C )	2014202230 ( 5C )	2015332918 ( 5C )	2015342842 ( 5C )	2015343214 ( 5C )
2014202912 ( 14 )	2014203014 ( 5C )	2014203144 ( 5C )	2015370442 ( 4C )	2015373024 ( 4C )	2015397814 ( 5C )
2014203170 ( 14 )	2014203179 ( 14 )	2014203636 ( 14 )	2015398956 ( 5C )	2015402757 ( 5C )	
2014204435 ( 14 )	2014213496 ( 4C )	2014214032 ( 5C )			
2014214968 ( 5C )	2014225553 ( 5C )	2014226195 ( 5C )	<b>2016</b>		
2014226454 ( 5C )	2014228879 ( 5C )	2014236602 ( 5C )	2016100084 ( 22 )	2016100846 ( 22E )	2016100848 ( 22E )
2014242885 ( 5C )	2014244234 ( 5C )	2014252699 ( 5C )	2016100856 ( 22E )	2016100879 ( 22E )	2016100889 ( 22E )
2014275534 ( 5C )	2014277952 ( 4C )	2014278005 ( 14 )	2016100897 ( 22E )	2016100913 ( 22E )	2016100918 ( 22G )
2014278160 ( 4C )	2014278387 ( 14 )	2014278391 ( 14 )	2016101118 ( 22 )	2016102350 ( 22E )	2016102358 ( 22 )
2014278843 ( 4C )	2014279084 ( 14 )	2014279655 ( 5C )	2016102394 ( 21F )	2016200239 ( 1B )	2016200269 ( 1B )
2014279672 ( 4C )	2014280045 ( 14 )	2014280055 ( 4C )	2016200281 ( 1B )	2016200294 ( 1B )	2016200466 ( 1B )
2014280116 ( 14 )	2014280133 ( 14 )	2014280167 ( 14 )	2016200627 ( 14 )	2016201681 ( 14 )	2016202230 ( 25D )
2014280799 ( 14 )	2014281032 ( 14 )	2014281290 ( 4C )	2016202413 ( 12C )	2016202564 ( 12C )	2016203014 ( 1B )
2014281338 ( 5C )	2014281406 ( 4C )	2014281472 ( 4C )	2016203018 ( 1B )	2016203174 ( 14 )	2016203853 ( 1B )
2014281511 ( 5C )	2014281524 ( 14 )	2014281601 ( 14 )	2016203859 ( 1B )	2016203962 ( 1B )	2016204141 ( 1B )
2014281789 ( 4C )	2014282173 ( 14 )	2014282858 ( 14 )	2016204195 ( 1B )	2016204254 ( 12C )	2016204351 ( 12C )
2014283150 ( 14 )	2014283361 ( 14 )	2014283483 ( 14 )	2016204353 ( 12C )	2016204355 ( 12C )	2016204583 ( 1B )
2014284107 ( 4C )	2014286035 ( 14 )	2014290766 ( 14 )	2016204876 ( 1B )	2016205188 ( 1B )	2016205677 ( 1B )
2014290767 ( 5C )	2014299553 ( 4C )	2014299916 ( 5C )	2016205988 ( 1B )	2016206322 ( 1B )	2016206323 ( 1B )
2014301250 ( 14 )	2014301698 ( 14 )	2014302678 ( 14 )	2016206324 ( 1B )	2016206356 ( 1B )	2016206357 ( 1B )
2014303009 ( 14 )	2014303037 ( 5C )	2014304481 ( 5C )	2016206358 ( 1B )	2016206361 ( 1B )	2016206363 ( 1B )
2014307080 ( 14 )	2014331044 ( 5C )	2014343007 ( 14 )	2016206364 ( 1B )	2016206491 ( 1B )	2016206593 ( 1B )
2014351066 ( 14 )	2014365038 ( 25D )	2014370031 ( 5C )	2016206945 ( 1B )	2016207872 ( 1B )	2016208314 ( 12C )
2014375298 ( 5C )	2014376250 ( 5C )	2014396896 ( 14 )	2016208397 ( 1B )	2016208458 ( 1B )	2016208602 ( 1B )
2014396897 ( 14 )	2014397128 ( 5C )	2014397458 ( 5C )	2016209027 ( 1B )	2016209217 ( 1B )	2016209275 ( 1B )
2014398122 ( 14 )	2014398253 ( 5C )		2016209337 ( 1B )	2016209521 ( 1B )	2016209940 ( 1B )
			2016210244 ( 1B )	2016210245 ( 1B )	2016210644 ( 12C )
<b>2015</b>			2016211634 ( 1B )	2016211635 ( 1B )	2016211924 ( 1B )
2015100543 ( 22E )	2015100789 ( 22G )	2015100795 ( 22E )	2016212154 ( 1B )	2016212161 ( 1B )	2016213914 ( 1B )
2015100806 ( 22E )	2015100820 ( 22G )	2015100835 ( 22E )	2016215421 ( 1B )	2016247179 ( 1B )	2016251049 ( 5C )
2015101776 ( 22E )	2015101899 ( 22E )	2015101900 ( 22E )	2016256763 ( 1B )	2016259303 ( 1B )	2016269393 ( 5C )
2015101926 ( 22E )	2015101955 ( 22E )	2015200856 ( 5C )			

2016270383 ( 1B ) 2016270514 ( 1B ) 2016272561 ( 1B )  
 2016274520 ( 1B ) 2016276332 ( 1B ) 2016276475 ( 1B )  
 2016276774 ( 1B ) 2016276854 ( 1B ) 2016277471 ( 1B )  
 2016277577 ( 14 ) 2016279465 ( 1B ) 2016279985 ( 1B )  
 2016280255 ( 1B ) 2016280276 ( 1B ) 2016280697 ( 1B )  
 2016280832 ( 1B ) 2016280873 ( 1B ) 2016280892 ( 1B )  
 2016281182 ( 1B ) 2016281897 ( 1B ) 2016282682 ( 1B )  
 2016282724 ( 1B ) 2016285084 ( 5C ) 2016285478 ( 1B )  
 2016285730 ( 1B ) 2016286499 ( 1B ) 2016288602 ( 1B )  
 2016289344 ( 1B ) 2016290094 ( 1B ) 2016294836 ( 1B )  
 2016295092 ( 1B ) 2016295904 ( 1B ) 2016296232 ( 1B )  
 2016296855 ( 1B ) 2016298441 ( 1B ) 2016299866 ( 1B )  
 2016299891 ( 1B ) 2016300216 ( 1B ) 2016301119 ( 1B )  
 2016303577 ( 1B ) 2016303623 ( 1B ) 2016305308 ( 1B )  
 2016305486 ( 1B ) 2016308466 ( 1B ) 2016312916 ( 5C )  
 2016318193 ( 5C ) 2016322237 ( 5C ) 2016324386 ( 5C )  
 2016330250 ( 1B ) 2016331923 ( 1B ) 2016332352 ( 1B )  
 2016332964 ( 1B ) 2016333498 ( 1B ) 2016333505 ( 1B )  
 2016333508 ( 1B ) 2016334062 ( 1B ) 2016335266 ( 1B )  
 2016336349 ( 1B ) 2016339162 ( 1B ) 2016340131 ( 1B )  
 2016340357 ( 1B ) 2016341259 ( 25D ) 2016342082 ( 1B )  
 2016342208 ( 1B ) 2016342515 ( 1B ) 2016342540 ( 25D )  
 2016344131 ( 1B ) 2016344520 ( 1B ) 2016346201 ( 1B )  
 2016346202 ( 1B ) 2016348118 ( 25D ) 2016348469 ( 1B )  
 2016349370 ( 5C ) 2016349679 ( 1B ) 2016349886 ( 1B )  
 2016349946 ( 1B ) 2016350628 ( 25D ) 2016350642 ( 5C )  
 2016355079 ( 1B ) 2016356854 ( 1B ) 2016356920 ( 1B )  
 2016357573 ( 1B ) 2016361419 ( 5C ) 2016365314 ( 5C )  
 2016368930 ( 5C ) 2016368964 ( 25D ) 2016390356 ( 5C )  
 2016408326 ( 5C )

**2017**

2017100562 ( 22E ) 2017100677 ( 22E ) 2017100679 ( 22E )  
 2017100680 ( 22G ) 2017100685 ( 22E ) 2017100687 ( 22E )  
 2017100688 ( 22E ) 2017100690 ( 22E ) 2017100691 ( 22E )  
 2017100692 ( 22E ) 2017100696 ( 22E ) 2017100698 ( 22E )  
 2017100699 ( 22E ) 2017100708 ( 22E ) 2017100709 ( 22E )  
 2017100712 ( 22E ) 2017100713 ( 22E ) 2017100714 ( 22E )  
 2017100715 ( 22E ) 2017100717 ( 22E ) 2017100720 ( 22E )  
 2017100721 ( 22E ) 2017100722 ( 22E ) 2017100723 ( 22E )  
 2017100724 ( 22E ) 2017100725 ( 22E ) 2017100726 ( 22E )  
 2017100727 ( 22E ) 2017100728 ( 22E ) 2017100729 ( 22E )  
 2017100730 ( 22E ) 2017100731 ( 22E ) 2017100732 ( 22E )  
 2017100733 ( 22E ) 2017100734 ( 22E ) 2017100735 ( 22E )  
 2017100736 ( 22E ) 2017100737 ( 22E ) 2017100738 ( 22E )  
 2017100739 ( 22E ) 2017100740 ( 22E ) 2017100742 ( 22E )  
 2017100743 ( 22E ) 2017100744 ( 22E ) 2017100745 ( 22E )  
 2017100746 ( 22E ) 2017100747 ( 22E ) 2017100748 ( 22E )  
 2017100749 ( 22E ) 2017100750 ( 22E ) 2017100751 ( 22E )  
 2017100752 ( 22E ) 2017100753 ( 22E ) 2017100754 ( 22E )  
 2017100755 ( 22E ) 2017100756 ( 22E ) 2017100762 ( 22E )  
 2017100763 ( 22E ) 2017100764 ( 22E ) 2017100765 ( 22E )  
 2017100766 ( 22E ) 2017100767 ( 22E ) 2017100768 ( 22E )  
 2017100769 ( 22E ) 2017100770 ( 22E ) 2017100771 ( 22E )  
 2017100772 ( 22E ) 2017100773 ( 22E ) 2017100774 ( 22E )  
 2017100775 ( 22E ) 2017100776 ( 22E ) 2017100777 ( 22E )  
 2017100778 ( 22E ) 2017100779 ( 22E ) 2017100780 ( 22E )  
 2017100781 ( 22E ) 2017100782 ( 22E ) 2017100783 ( 22E )  
 2017100784 ( 22E ) 2017100785 ( 22E ) 2017100786 ( 22E )  
 2017100787 ( 22E ) 2017100788 ( 22E ) 2017100792 ( 22E )  
 2017100795 ( 22E ) 2017100796 ( 22E ) 2017100797 ( 22E )  
 2017100798 ( 22E ) 2017100799 ( 22E ) 2017100800 ( 22E )  
 2017100801 ( 22E ) 2017100806 ( 22E ) 2017100807 ( 22E )  
 2017100808 ( 22E ) 2017100809 ( 22E ) 2017100810 ( 22E )  
 2017100811 ( 22E ) 2017100812 ( 22E ) 2017100813 ( 22E )  
 2017100814 ( 22E ) 2017100815 ( 22E ) 2017100816 ( 22E )  
 2017100817 ( 22E ) 2017100818 ( 22E ) 2017100819 ( 22E )  
 2017100821 ( 22E ) 2017100822 ( 22E ) 2017100823 ( 22E )  
 2017100824 ( 22E ) 2017100827 ( 22E ) 2017100828 ( 22E )  
 2017100829 ( 22E ) 2017100830 ( 22E ) 2017100831 ( 22E )  
 2017100832 ( 22E ) 2017100833 ( 22E ) 2017101065 ( 22E )  
 2017101077 ( 22E ) 2017101082 ( 22E ) 2017200433 ( 14 )

2017201381 ( 5C ) 2017203094 ( 14 ) 2017203864 ( 14 )  
 2017203914 ( 14 ) 2017206696 ( 5C ) 2017207419 ( 25D )  
 2017207935 ( 25D ) 2017210489 ( 25D ) 2017210591 ( 14 )  
 2017210638 ( 5C ) 2017210759 ( 5C ) 2017213690 ( 5C )  
 2017213774 ( 5C ) 2017215697 ( 5C ) 2017218939 ( 5C )  
 2017219015 ( 4C ) 2017219128 ( 5C ) 2017221311 ( 5C )  
 2017228646 ( 5C ) 2017230340 ( 5C ) 2017232115 ( 5C )  
 2017233348 ( 5C ) 2017236677 ( 5C ) 2017238341 ( 5C )  
 2017239515 ( 5C ) 2017240441 ( 5C ) 2017241993 ( 5C )  
 2017245383 ( 5C ) 2017245392 ( 5C ) 2017245421 ( 5C )  
 2017245458 ( 5C ) 2017246781 ( 25D ) 2017247558 ( 5C )  
 2017248535 ( 5C ) 2017248573 ( 5C ) 2017251713 ( 5C )  
 2017251732 ( 5C ) 2017251820 ( 5C ) 2017251833 ( 5C )  
 2017251847 ( 5C ) 2017251866 ( 5C ) 2017252329 ( 5C )  
 2017253210 ( 5C ) 2017254903 ( 5C ) 2017254975 ( 5C )  
 2017256851 ( 5C ) 2017258858 ( 5C ) 2017258978 ( 5C )  
 2017261548 ( 4C ) 2017261580 ( 5C ) 2017261588 ( 5C )  
 2017264990 ( 5C ) 2017264991 ( 5C ) 2017265132 ( 4C )  
 2017268495 ( 5C ) 2017268503 ( 5C ) 2017268529 ( 5C )  
 2017268531 ( 5C ) 2017268671 ( 5C ) 2017272187 ( 5C )  
 2017272220 ( 5C ) 2017273462 ( 5C ) 2017274144 ( 5C )  
 2017276180 ( 5C ) 2017276234 ( 5C ) 2017276276 ( 5C )  
 2017279771 ( 5C ) 2017279777 ( 5C ) 2017298994 ( 25D )  
 2017305006 ( 5C )

**2018**

2018100467 ( 21F ) 2018100999 ( 21F ) 2018200008 ( 5C )  
 2018200029 ( 5C ) 2018200056 ( 5C ) 2018200077 ( 5C )  
 2018200099 ( 5C ) 2018200345 ( 5C ) 2018200822 ( 12A )  
 2018200859 ( 25D ) 2018200976 ( 5C ) 2018200988 ( 4C )  
 2018201101 ( 5C ) 2018201121 ( 5C ) 2018201389 ( 5C )  
 2018201425 ( 5C ) 2018201464 ( 5C ) 2018201480 ( 4C )  
 2018201495 ( 4C ) 2018201500 ( 5C ) 2018201673 ( 5C )  
 2018201723 ( 5C ) 2018201906 ( 5C ) 2018202249 ( 5C )  
 2018202289 ( 4C ) 2018202291 ( 4C ) 2018202336 ( 5C )  
 2018202404 ( 5C ) 2018202503 ( 4C ) 2018202730 ( 5C )  
 2018203005 ( 5C ) 2018203075 ( 5C ) 2018203238 ( 5C )  
 2018203322 ( 12D ) 2018203331 ( 5C ) 2018203363 ( 5C )  
 2018203435 ( 5C ) 2018203505 ( 5C ) 2018203724 ( 5C )  
 2018203737 ( 5C ) 2018203819 ( 4C ) 2018203833 ( 5C )  
 2018204068 ( 4C ) 2018204310 ( 5C ) 2018204312 ( 5C )  
 2018204323 ( 5C ) 2018204436 ( 4C ) 2018204475 ( 5C )  
 2018204520 ( 5C ) 2018204539 ( 5C ) 2018204586 ( 5C )  
 2018204695 ( 5C ) 2018204840 ( 5C ) 2018204928 ( 5C )  
 2018204941 ( 5CN ) 2018205140 ( 5C ) 2018205156 ( 5C )  
 2018206723 ( 5C ) 2018208717 ( 4C ) 2018211239 ( 5C )  
 2018241192 ( 5C ) 2018247332 ( 4C ) 2018256560 ( 5C )  
 2018267541 ( 5C )

**2019**

2019100302 ( 21F ) 2019100410 ( 21F ) 2019100484 ( 21F )  
 2019202000 ( 4C ) 2019219708 ( 12C ) 2019219778 ( 12C )  
 2019240678 ( 1B ) 2019240695 ( 1B ) 2019240705 ( 1B )  
 2019240709 ( 1B ) 2019240719 ( 1B ) 2019246761 ( 1B )  
 2019246858 ( 1B ) 2019246866 ( 1B ) 2019246871 ( 1B )  
 2019250206 ( 1B ) 2019250226 ( 1B ) 2019250238 ( 1B )  
 2019900230 ( 12AN ) 2019900328 ( 12AN ) 2019904208 ( 12AN )

**Assignments before Grant, Section 113**

**2014**

2014296278 PhaseRx, Inc. The application has been assigned to **GENEVANT SCIENCES GMBH**

2014332442 MabVax Therapeutics, Inc. The application has been assigned to **BioNTech Research and Development, Inc.**

**Assignments before Grant, Section 113**

**2015**

- 2015240862 INO Therapeutics LLC The application has been assigned to **Mallinckrodt Hospital Products IP Limited**
- 2015246148 Beyers, Leonard The application has been assigned to **Clarke, Bronwyn**
- 2015256600 Alcon Pharmaceuticals Ltd. The application has been assigned to **Alcon Inc.**
- 2015266532 Kasahara, Junzo; Japan Oil, Gas and Metals National Corporation The application has been assigned to **Japan Oil, Gas and Metals National Corporation**
- 2015271685 MabVax Therapeutics, Inc. The application has been assigned to **BioNTech Research and Development, Inc.**
- 2015273623 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015289649 Alcon Pharmaceuticals, Ltd. The application has been assigned to **Alcon Inc.**
- 2015301396 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015307041 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015321797 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015336978 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015337767 VitalSines International Inc. The application has been assigned to **Vital Sines International Inc.**
- 2015338891 Tear Film Innovations, Inc. The application has been assigned to **Alcon Inc.**
- 2015339738 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015339892 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015343588 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015350422 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015352440 New Pharma Licence Holdings Limited The application has been assigned to **Spero Therapeutics, Inc.**
- 2015361227 Novartis AG The application has been assigned to **Alcon Inc.**

**Assignments before Grant, Section 113**

- 2015362963 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015362964 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015374450 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015380341 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015381803 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015383131 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015384792 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015385771 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015405457 WaveLight GmbH The application has been assigned to **Alcon Inc.**
- 2015411713 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015411714 Novartis AG The application has been assigned to **Alcon Inc.**
- 2015411911 Novartis AG The application has been assigned to **Alcon Inc.**
- 2016**
- 2016212526 JN Therapeutics The application has been assigned to **Shanghai Fudan-Zhangjiang Bio-Pharmaceutical Co., Ltd**
- 2016220402 Novartis AG The application has been assigned to **Alcon Inc.**
- 2016238428 Novartis AG The application has been assigned to **Alcon Inc.**
- 2016247673 Novartis AG The application has been assigned to **Alcon Inc.**
- 2016247866 Novartis AG The application has been assigned to **Alcon Inc.**
- 2016248638 Novartis AG The application has been assigned to **Alcon Inc.**
- 2016255948 Novartis AG The application has been assigned to **Alcon Inc.**



**Assignments before Grant, Section 113**

2016257205 Novartis AG The application has been assigned to **Alcon Inc.**

2016258913 Indigo Agriculture, Inc. The application has been assigned to **Indigo AG, Inc.**

2016260929 Novartis AG The application has been assigned to **Alcon Inc.**

2016263038 Novartis AG The application has been assigned to **Alcon Inc.**

2016264976 WaveLight GmbH The application has been assigned to **Alcon Inc.**

2016278755 Novartis AG The application has been assigned to **Alcon Inc.**

2016284930 Wavelight GmbH The application has been assigned to **Alcon Inc.**

2016291858 Novartis AG The application has been assigned to **Alcon Inc.**

2016294570 Novartis AG The application has been assigned to **Alcon Inc.**

2016305308 Novartis AG The application has been assigned to **Alcon Inc.**

2016308698 Novartis AG The application has been assigned to **Alcon Inc.**

2016313370 Novartis AG The application has been assigned to **Alcon Inc.**

2016315904 Novartis AG The application has been assigned to **Alcon Inc.**

2016322710 Novartis AG The application has been assigned to **Alcon Inc.**

2016322711 Novartis AG The application has been assigned to **Alcon Inc.**

2016322712 Novartis AG The application has been assigned to **Alcon Inc.**

2016325077 Novartis AG The application has been assigned to **Alcon Inc.**

2016329032 Novartis AG The application has been assigned to **Alcon Inc.**

2016329033 Novartis AG The application has been assigned to **Alcon Inc.**

2016337413 Novartis AG The application has been assigned to **Alcon Inc.**

**Assignments before Grant, Section 113**

2016337416 Novartis AG The application has been assigned to **Alcon Inc.**

2016347267 Novartis AG The application has been assigned to **Alcon Inc.**

2016347268 Novartis AG The application has been assigned to **Alcon Inc.**

2016347282 Novartis AG The application has been assigned to **Alcon Inc.**

2016348479 Alere San Diego, Inc.; Alere Switzerland GmbH The application has been assigned to **Abbott Rapid Diagnostics International Unlimited Company; Alere San Diego, Inc.**

2016349126 Novartis AG The application has been assigned to **Alcon Inc.**

2016354237 Novartis AG The application has been assigned to **Alcon Inc.**

2016355240 Novartis AG The application has been assigned to **Alcon Inc.**

2016357278 Novartis AG The application has been assigned to **Alcon Inc.**

2016362115 Novartis AG The application has been assigned to **Alcon Inc.**

2016362664 Novartis AG The application has been assigned to **Alcon Inc.**

2016367430 Novartis AG The application has been assigned to **Alcon Inc.**

2016370686 Novartis AG The application has been assigned to **Alcon Inc.**

2016370711 Novartis AG The application has been assigned to **Alcon Inc.**

2016371381 Novartis AG The application has been assigned to **Alcon Inc.**

2016372797 Novartis AG The application has been assigned to **Alcon Inc.**

2016372805 Novartis AG The application has been assigned to **Alcon Inc.**

2016372821 Novartis AG The application has been assigned to **Alcon Inc.**

2016372824 Novartis AG The application has been assigned to **Alcon Inc.**

**Assignments before Grant, Section 113**

2016373538	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016373543	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016373545	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016376026	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016376032	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016381394	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016386964	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016401884	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016405855	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016405856	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016407538	Truong, Van Dan	The application has been assigned to <b>SON HA GREEN ENVIRONMENT TECHNOLOGY SCIENCE JOINT STOCK COMPANY (SON HA GREEN., JSC)</b>
2016415948	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016426605	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016426606	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016428098	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016428798	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2016432713	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
<b>2017</b>		
2017212692	VDV Lubricants	The application has been assigned to <b>FUCHS LUBRICANTS (UK) PLC</b>
2017215895	Nitto Denko Corporation	The application has been assigned to <b>PassPort Technologies, Inc.</b>

**Assignments before Grant, Section 113**

2017222472	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017225591	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017225592	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017231898	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017234659	Yacyshyn, Mary; Yacyshyn, Bruce	The application has been assigned to <b>Musidora Biotechnology LLC</b>
2017236690	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017243802	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017256167	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017256924	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017260847	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017262651	Bayer Healthcare LLC	The application has been assigned to <b>Beiersdorf AG</b>
2017265219	Zhejiang Yukon Pharma Co., Ltd.	The application has been assigned to <b>SUZHOU SINOVENT PHARMACEUTICALS CO., LTD.</b>
2017265457	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017282178	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017283237	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017285371	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017294677	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017296153	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>
2017305686	Novartis AG	The application has been assigned to <b>Alcon Inc.</b>

**Assignments before Grant, Section 113**

2017306764 Novartis AG The application has been assigned to **Alcon Inc.**

2017307363 Novartis AG The application has been assigned to **Alcon Inc.**

2017309371 Novartis AG The application has been assigned to **Alcon Inc.**

2017311654 Novartis AG The application has been assigned to **Alcon Inc.**

2017315286 Novartis AG The application has been assigned to **Alcon Inc.**

2017316760 Novartis AG The application has been assigned to **Alcon Inc.**

2017319410 Novartis AG The application has been assigned to **Alcon Inc.**

2017319613 Novartis AG The application has been assigned to **Alcon Inc.**

2017328121 Novartis AG The application has been assigned to **Alcon Inc.**

2017331556 Novartis AG The application has been assigned to **Alcon Inc.**

2017343042 Novartis AG The application has been assigned to **Alcon Inc.**

2017344425 Novartis AG The application has been assigned to **Alcon Inc.**

2017344432 Novartis AG The application has been assigned to **Alcon Inc.**

2017357857 Revision Military S.a.r.l The application has been assigned to **Revision Military Ltd.**

2017360764 Novartis AG The application has been assigned to **Alcon Inc.**

2017367254 Novartis AG The application has been assigned to **Alcon Inc.**

2017367268 Novartis AG The application has been assigned to **Alcon Inc.**

2017369976 Novartis AG The application has been assigned to **Alcon Inc.**

2017374938 Novartis AG The application has been assigned to **Alcon Inc.**

2017376763 Novartis AG The application has been assigned to **Alcon Inc.**

**Assignments before Grant, Section 113**

2017379873 Drum Workshop, Inc. The application has been assigned to **GEWA music GmbH**

2017383451 Novartis AG The application has been assigned to **Alcon Inc.**

2017394134 Novartis AG The application has been assigned to **Alcon Inc.**

2017394135 Novartis AG The application has been assigned to **Alcon Inc.**

2017394136 Novartis AG The application has been assigned to **Alcon Inc.**

2017395165 Novartis AG The application has been assigned to **Alcon Inc.**

2017397834 Novartis AG The application has been assigned to **Alcon Inc.**

2017397835 Novartis AG The application has been assigned to **Alcon Inc.**

2017414765 ConocoPhillips Company; Mosher, Charles; Li, Chengbo; Williams, Laurence; Janiszewski, Frank The application has been assigned to **ConocoPhillips Company**

**2018**

2018201158 Alcon Pharmaceuticals, Ltd. The application has been assigned to **Alcon Inc.**

2018201560 Novartis AG The application has been assigned to **Alcon Inc.**

2018201875 Highline Manufacturing Ltd. The application has been assigned to **Bourgault Industries Ltd.**

2018206876 Novartis AG The application has been assigned to **Alcon Inc.**

2018207986 Novartis AG The application has been assigned to **Alcon Inc.**

2018208843 Novartis AG The application has been assigned to **Alcon Inc.**

2018208874 Novartis AG The application has been assigned to **Alcon Inc.**

2018209401 Novartis AG The application has been assigned to **Alcon Inc.**

2018211563 Novartis AG The application has been assigned to **Alcon Inc.**

2018211566 Novartis AG The application has been assigned to **Alcon Inc.**

**Assignments before Grant, Section 113**

2018212779 Novartis AG The application has been assigned to **Alcon Inc.**

2018220108 EnVivo Pharmaceuticals, Inc. The application has been assigned to **Axovant Sciences GmbH**

2018223317 Novartis AG The application has been assigned to **Alcon Inc.**

2018224401 Novartis AG The application has been assigned to **Alcon Inc.**

2018227077 Novartis AG The application has been assigned to **Alcon Inc.**

2018227078 Novartis AG The application has been assigned to **Alcon Inc.**

2018229455 Novartis AG The application has been assigned to **Alcon Inc.**

2018235246 WaveLight GmbH The application has been assigned to **Alcon Inc.**

2018238297 Novartis AG The application has been assigned to **Alcon Inc.**

2018252275 Novartis AG The application has been assigned to **Alcon Inc.**

2018263839 Soroco India Private Limited; Soroco Americas Private Limited; Murty, Rohan; Jain, Nishant; Gupta, Harsh; Nychis, George; Kim, Yoongu; Soroco Private Limited The application has been assigned to **Soroco Private Limited**

2018268799 Eden Innovations LLC The application has been assigned to **Eden Innovations LTD**

2018273352 Jones, Eric; The University of Liverpool; Howmedica Osteonics Corp. The application has been assigned to **Howmedica Osteonics Corp.; The University of Liverpool**

2018275266 Bart, Gary; Constantine, Dean The application has been assigned to **Alarm.com Incorporated**

2018275668 Correnti, Matthew The application has been assigned to **Alarm.com Incorporated**

2018279856 Roberts, Aaron; Alpert, Charles; Correnti, Matthew The application has been assigned to **Alarm.com Incorporated**

2018282366 Indigo Agriculture, Inc.; Indigo AG, Inc. The application has been assigned to **Indigo AG, Inc.**

2018284307 Novartis AG The application has been assigned to **Alcon Inc.**

**Assignments before Grant, Section 113**

**2019**

2019201617 Alcon Research, Ltd. The application has been assigned to **Alcon Inc.**

2019201938 Novartis AG The application has been assigned to **Alcon Inc.**

2019216663 Highline Manufacturing Ltd. The application has been assigned to **Bourgault Industries Ltd.**

2019246832 Indigo Agriculture, Inc. The application has been assigned to **Indigo AG, Inc.**

2019903197 Roberts, David The application has been assigned to **PROJECT ENGINEERING (WA) PTY LTD**

2019903821 Curtin University The application has been assigned to **Ecotechnol Pty Ltd**

2019903980 Itera Global Pty Ltd The application has been assigned to **Pexan Pty Ltd; Avtru Pty Ltd**

**Extensions of Time, Section 223**

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

**2012**

2012207519 **Aevoe Corp.** The time in which to pay a renewal fee has been extended to 17 Oct 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

**2015**

2015210999 **Otsuka Pharmaceutical Co., Ltd.** The time in which to pay a continuation fee has been extended to 29 Aug 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016100592 **The Trustee for Gourlay Innovations Family Trust** The team in which to pay a renewal fee has been extended to 17 Jun 2019 . Address for service - The Trustee for Gourlay Innovations Family Trust PO Box 132 Braidwood NSW 2622 AU

2016204104 **The University Of Utah Research Foundation** The time in which to pay the renewal fee has been extended to 03 Aug 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

**Amendments**

**Applications for Amendment**

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

**Amendments**

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

**2010**

2010340049 Azeotrope-like compositions of cis-1,1,1,4,4,4-hexafluoro-2-butene **Honeywell International Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2014**

2014229331 Device, system, and method of website building by utilizing data lists **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 07 Jan 2020 . Address for service - Cotlers Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

**2016**

2016218390 Channel identification in a MIMO telecommunication system **CommScope Technologies LLC** The nature of the amendment is as shown in the statement(s) filed 07 Jan 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016269444 Label, printing paper top layer formation material, information-bearing medium, wristband clip, and carbon dioxide reduction method using same **Sato Holdings Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2017**

2017247687 Paper and paperboard products **Fiberlean Technologies Limited** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017354503 CO2 recovery device and method for recovering CO2 **Mitsubishi Heavy Industries Engineering, Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017364787 Wrinkle ameliorating agent **Pola Chemical Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2019 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

**2018**

2018201981 Wearable automatic injection device **AbbVie Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2019 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2018202241 A system and method for dialog customization **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2019 . Address for service - Cotlers Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

**Amendments Made**

**Amendments**

**2004**

2004223515 **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2019

**2010**

2010201665 **Meridian Medical Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Jul 2018

**2012**

2012283858 **Zepton, Incorporated** The nature of the amendment is as shown in the statement filed 08 Feb 2019

**2013**

2013205251 **CQMS Pty Ltd** The nature of the amendment is as shown in the statement filed 05 Sep 2019

**2014**

2014208310 **iCeutica Pty Ltd** The nature of the amendment is as shown in the statements filed 05 Aug 2019 and 05 Sep 2019

2014232501 **Xencor, Inc.** The nature of the amendment is as shown in the statement filed 08 Aug 2019

2014403897 **Obshchestvo S Ogranichenoy Otvetstvennostyu "Nanobiotekh"** The nature of the amendment is: Amend the invention title to read Antiseptic formulation and its use

2014413345 **Mineral Resources (Equipment) Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2014101661

2014413346 **Mineral Resources (Equipment) Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2014101662

**2015**

2015200410 **Thilagarajah, R.** The nature of the amendment is: Amend the name of the inventor to read Thilagarajah, Ranjan

2015229377 **Exactech, Inc.** The nature of the amendment is: Amend the invention title to read PROSTHESIS COMPONENT WITH OFFSET ADJUSTABILITY

2015252654 **Zhejiang DTRM Biopharma Co., Ltd.** The nature of the amendment is as shown in the statement filed 14 Oct 2019

**2016**

2016289932 **Koch-Glitsch, LP** The nature of the amendment is as shown in the statement filed 14 Oct 2019

2016361975 **Outotec (Finland) Oy** The nature of the amendment is as shown in the statement filed 17 Sep 2019

2016364858 **The Lubrizol Corporation** The nature of the amendment is: Amend the priority details to read 62/262,100 02 Dec 2015 US

2016369326 **Janssen Vaccines & Prevention B.V.** The nature of the amendment is: Amend the name of the inventor to read Langedijk,

**Amendments**

Johannes Petrus Maria; CALLENDRET, Benoit Christophe Stephan; VAN MANEN, Danielle; KRARUP, Anders; STITZ, Jörn; WEGMANN, Frank and VELLINGA, Jort

2016383387 **Pegbio Co., Ltd.** The nature of the amendment is as shown in the statement filed 14 Oct 2019

**2017**

2017211771 **Dow AgroSciences LLC** The nature of the amendment is as shown in the statement filed 09 Oct 2019

2017224015 **USound GmbH** The nature of the amendment is: Amend the name of the inventor to read Rusconi Clerici Beltrami, Andrea; Bottoni, Ferruccio; Sontacchi, Alois and Pomberger, Hannes

2017236046 **GENENTECH, INC.** The nature of the amendment is as shown in the statement filed 15 Oct 2019

2017267497 **NCH Corporation** The nature of the amendment is as shown in the statement filed 26 Sep 2019

2017275209 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 10 Oct 2019

2017283407 **Suzhou Yabao Pharmaceutical R&D Co., Ltd.; LifeArc** The nature of the amendment is: Amend the name of the inventor to read Xia, Yan; Mciver, Edward Giles; Song, Yang; Xu, Yuanyuan; Zhu, Lin; Chu, Chunjun; Wu, Ling; Liu, Miao and Bryans, Justin Stephen

2017348598 **AstraZeneca AB** The nature of the amendment is: Amend the invention title to read Crystalline form of (1R,2R)-2-[4-(3-methyl-1H-pyrazol-5-yl)benzoyl]-N-(4-oxo-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-3-yl)cyclohexanecarboxamide

2017374947 **Università degli Studi di Padova; Fondazione Città della Speranza - Onlus** The nature of the amendment is: Amend the invention title to read New anti-angiogenic extracellular vesicles

2017391186 **Machado, P.** The nature of the amendment is: Amend the name of the inventor to read MACHADO, PAULA CAROLINA DIAS; CIAMPOLINI, ANDRÉ OSBORN; CIAMPOLINI, RENATA BAYMA; CIAMPOLINI, RENATO and CIAMPOLINI, MARGARET ROSE OSBORN

2017403379 **Ping An Technology (Shenzhen) Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2017101875

2017407987 **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAYES, Graham M.; TEUSCHER, Scott and MARCIANO, Edward Lawrence

2017409195 **QuimiKao, S.A. De C.V.** The nature of the amendment is: Amend the name of the inventor to read GUTIÉRREZ MUÑIZ, Álvaro; TERÁN OROZCO, Raúl; ORTIZ CARDENAS, Luis Felipe and RAMIREZ SOTO, Luis Enrique

2017417809 **NTT Docomo, Inc.** The nature of the amendment is: Amend the invention title to read User terminal and radio communication method

**Amendments**

2017419917 **NTT Docomo, Inc.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2017423376 **Guangzhou Aoweila Luggage Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2017101874

2017425569 **Winbo-Dongjian Automotive Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Roof Luggage Rack, Roof Luggage Rack Assembly and Vehicle Having Roof Luggage Rack

**2018**

2018202438 **The Regents of the University of California; Mitokinin LLC** The nature of the amendment is: Amend the name of the inventor to read Shokat, Kevan M.; Hertz, Nicholas T. and DeVita, Robert

2018202438 **The Regents of the University of California; Mitokinin LLC** The nature of the amendment is: Amend the invention title to read COMPOSITIONS AND METHODS FOR TREATING NEURODEGENERATIVE DISEASES AND CARDIOMYOPATHY

2018204264 **Gilead Calistoga LLC** The nature of the amendment is as shown in the statement filed 04 Oct 2019

2018205112 **Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.** The nature of the amendment is as shown in the statement filed 15 Oct 2019

2018237814 **SoftBank Corp.** The nature of the amendment is as shown in the statement filed 24 Sep 2019

2018269000 **Ouster, Inc.** The nature of the amendment is as shown in the statement filed 12 Dec 2019

2018278327 **CytomX Therapeutics, Inc.** The nature of the amendment is: Amend the invention title to read ACTIVATABLE ANTI-PDL1 ANTIBODIES AND METHODS OF USE THEREOF

2018282896 **The Coca-Cola Company** The nature of the amendment is: Amend the name of the inventor to read Kingston, Benjamin John; Karibandi, Akhil; Polavaram, Chetan; Stubbs, Thomas; Roberts, Jevawn; Harrison, Scott; Kaplita, Stan; Dennis, Christopher; Carpenter, Gregg; Sshwarber, Joshua Casey and Peng, Tao

2018283369 **NantOmics, LLC** The nature of the amendment is: Amend the invention title to read Prognostic indicators of poor outcomes in pregnant metastatic breast cancer cohort

2018283724 **Indivior UK Limited** The nature of the amendment is as shown in the statement filed 17 Dec 2019

2018284726 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR SENDING BUFFER STATUS REPORT AND USER EQUIPMENT

2018286289 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND COMMUNICATIONS APPARATUS

**Amendments**

2018286304 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION PROCESSING METHOD AND COMMUNICATIONS APPARATUS

2018287701 **Produits Dentaires Pierre Rolland** The nature of the amendment is: Amend the invention title to read A dental adhesive

2018294134 **Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Vertical Roller Mill and Method of Operating the Same

2018295781 **Terumo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read RESIN-MADE SYRINGE, PREFILLED SYRINGE, AND METHOD FOR PRODUCING RESIN-MADE SYRINGE

2018297846 **Plasma Giken Co., Ltd.** The nature of the amendment is: Amend the invention title to read COLD SPRAY GUN AND COLD SPRAY APPARATUS EQUIPPED WITH THE SAME

2018298623 **Tokuyama Corporation** The nature of the amendment is: Amend the invention title to read CHROMENE COMPOUND, CURABLE COMPOSITION COMPRISING THE COMPOUND, AND OPTICAL ARTICLE INCLUDING A CURED BODY OF THE CURABLE COMPOSITION

**2019**

2019201101 **Apple Inc.** The nature of the amendment is as shown in the statement filed 06 Sep 2019

2019203548 **Kura Oncology, Inc.** The nature of the amendment is as shown in the statement filed 11 Oct 2019

2019257412 **The Regents of the University of Colorado, a Body Corporate; Konkuk University** The nature of the amendment is: Amend the name of the inventor to read DINARELLO, Charles A. and KIM, Soohyum

2019904851 **Scott Technology Limited** The nature of the amendment is: Amend the invention title to read FORCE DEFLECTIVE TOOL CARRIER

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

**2002**

2002300441 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2002301504 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**2005**

2005201691 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2005243498 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**Amendments**

**2006**

2006200209 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2006200255 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2006243204 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2006256876 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**2007**

2007217172 Barclays Services Limited The name of the patentee has been altered to **Barclays Execution Services Limited**

**2008**

2008259580 Teledyne E2V (UK) Limited The name of the patentee has been altered to **Teledyne UK Limited**

2008292178 Evonik Degussa GmbH; Salzgitter Mannesmann Line Pipe GmbH The name of the patentee has been altered to **Salzgitter Mannesmann Line Pipe GmbH; Evonik Operations GmbH**

**2009**

2009215217 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2009291162 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2009304193 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2009308105 Hemispherx Biopharma, Inc. The name of the patentee has been altered to **AIM ImmunoTech Inc.**

2009328453 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**2010**

2010241185 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2010245079 Akzo Nobel Chemicals International B.V.; MSD Consumer Care, Inc. The name of the patentee has been altered to **Akzo Nobel Chemicals International B.V.; Bayer Consumer Care Holdings LLC**

2010300168 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2010327002 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2010335313 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**Amendments**

**2011**

2011234658 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2011328098 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2011359126 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**2012**

2012203905 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2012311624 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2012339015 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2012367110 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**2013**

2013213592 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2013258363 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

2013309027 Tangible Science, LLC The name of the patentee has been altered to **Tangible Science, Inc.**

2013343772 Evonik Degussa GmbH The name of the patentee has been altered to **Evonik Operations GmbH**

**2014**

2014242683 Thunderhead Limited The name of the applicant has been altered to **SmartComms SC Limited**

2014255499 Flight Refuelling Ltd The name of the patentee has been altered to **Cobham Mission Systems Wimborne Limited**

2014307684 Teleflex Life Sciences The name of the patentee has been altered to **Teleflex Life Sciences Unlimited Company**

2014330888 Teleflex Life Sciences The name of the patentee has been altered to **Teleflex Life Sciences Unlimited Company**

2014348502 Tangible Science, LLC The name of the patentee has been altered to **Tangible Science, Inc.**

**2015**

2015201690 Barclays Services Limited The name of the applicant has been altered to **Barclays Execution Services Limited**

**Amendments**

2015276256 Universite de Lille 2 Droit et Sante The name of the patentee has been altered to **Université de Lille; Centre Hospitalier Regional et Universitaire de Lille (CHRU)**

2015359425 Ruag Ammotec AG The name of the applicant has been altered to **RUAG Ammotec AG**

2015360637 Tangible Science LLC The name of the patentee has been altered to **Tangible Science, Inc.**

2015371725 Ernst-Moritz-Arndt-Universität Greifswald The name of the applicant has been altered to **Universität Greifswald**

**2016**

2016200444 NIITEK, INC. The name of the patentee has been altered to **Chemring Sensors and Electronic Systems, Inc**

2016266238 Nippon Steel & Sumikin Engineering Co., Ltd. The name of the patentee has been altered to **Nippon Steel Engineering Co., Ltd.**

2016328645 TriLink BioTechnologies, Inc. The name of the applicant has been altered to **Trilink BioTechnologies, LLC**

**2017**

2017200483 NIITEK, INC. The name of the patentee has been altered to **Chemring Sensors and Electronic Systems, Inc**

2017213545 Evonik Degussa GmbH The name of the applicant has been altered to **Evonik Operations GmbH**

2017225004 NIITEK, INC. The name of the patentee has been altered to **Chemring Sensors and Electronic Systems, Inc**

2017232160 Dyax Corporation The name of the applicant has been altered to **Dyax Corp.**

2017396363 Ravensburger Spieleverlag GmbH The name of the applicant has been altered to **Ravensburger Verlag GmbH**

2017418178 Sewoncellontec Co., Ltd. The name of the applicant has been altered to **Sewoncellontech Co., Ltd**

**2018**

2018217290 NIITEK, INC. The name of the applicant has been altered to **Chemring Sensors and Electronic Systems, Inc**

2018250864 Vitaflo International Ltd; UCL Business plc. The name of the applicant has been altered to **Vitaflo International Ltd; UCL Business LTD**

2018261888 Fusion Pharmaceuticals Inc.; Eric Steven Burak The name of the applicant has been altered to **Fusion Pharmaceuticals Inc.**

2018261890 Fusion Pharmaceuticals Inc.; Eric Steven Burak The name of the applicant has been altered to **Fusion Pharmaceuticals Inc.**



**Amendments**

2018280465 Qingdao Haier Joint Stock Co., Ltd The name of the applicant has been altered to **Haier Smart Home Co., Ltd.**

2018280466 Qingdao Haier Joint Stock Co., Ltd The name of the applicant has been altered to **Haier Smart Home Co., Ltd.**

2018280473 Qingdao Haier Joint Stock Co., Ltd The name of the applicant has been altered to **Haier Smart Home Co., Ltd.**

2018280476 Qingdao Haier Joint Stock Co., Ltd The name of the applicant has been altered to **Haier Smart Home Co., Ltd.**

2018285352 Bluemarine Offshore Yard Services B.V. The name of the applicant has been altered to **Bluemarine Offshore Yard Service B.V.**

**2019**

2019201174 Teleflex Life Sciences The name of the applicant has been altered to **Teleflex Life Sciences Unlimited Company**

2019236638 Barclays Services Limited The name of the applicant has been altered to **Barclays Execution Services Limited**

2019257412 The Regents of the University of Colorado, a Body Corporate; Omni Pharmaceutical, Inc; Konkuk University The name of the applicant has been altered to **The Regents of the University of Colorado, a Body Corporate; Konkuk University**

2019261788 NIITEK, Inc. The name of the applicant has been altered to **Chemring Sensors and Electronic Systems, Inc**

2019283939 ZETCOVALVES PTY LTD The name of the applicant has been altered to **ZETCO VALVES PTY LTD**

2019283943 ZETCOVALVES PTY LTD The name of the applicant has been altered to **ZETCO VALVES PTY LTD**

2019284052 Snoozeal Limited The name of the applicant has been altered to **Signifier Medical Technologies Limited**

2019900178 Origin Fin Systems Pty Ltd The name of the applicant has been altered to **DYNAMIK PTY LIMITED**

2019904605 : Cryogenics Holdings Pty Ltd The name of the applicant has been altered to **Cryogenics Holdings Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) Ab Initio Technology LLC  
 (11) AU-A-2019283853  
 (21) 2019283853 (22) 18.12.2019  
 (54) WORKLOAD AUTOMATION AND DATA LINEAGE ANALYSIS  
 (51) Int. Cl.  
**G06F 9/50** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2015267334  
 (72) Wolfson, Harry Michael; Gould, Joel; Yeracaris, Anthony; Wakeling, Tim  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Academisch Ziekenhuis Leiden; Bio-Marin Technologies B.V.  
 (11) AU-A-2019283969  
 (21) 2019283969 (22) 20.12.2019  
 (54) Method for efficient exon (44) skipping in Duchenne Muscular Dystrophy and associated means  
 (51) Int. Cl.  
**A61K 31/7088** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/86** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017268534  
 (72) PLATENBURG, Gerardus Johannes; DE KIMPE, Josephus Johannes; VAN DEUTEKOM, Judith Christina Theodora; VAN OMMEN, Garrit-Jan Boudewijn  
 (74) Griffith Hack

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019204000  
 (21) 2019204000 (22) 07.06.2019  
 (54) MITIGATING ASSET DAMAGE VIA ASSET DATA ANALYSIS AND PROCESSING  
 (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06F 17/00** ( 2019.01 )  
 (31) 16/028,138 (32) 05.07.18 (33) US  
 (43) 23.01.2020  
 (72) CHALUMURI, Harsha Vardhan; MISHRA, Rabinarayan; VEGESNA, Ramaa Gopal Varma; SHIVARAM, Santhosh Kumar; PAWAR, Sheetal  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2019204674  
 (21) 2019204674 (22) 29.06.2019  
 (54) CODE ASSESSMENT PLATFORM  
 (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
 (31) 201841025149 (32) 05.07.18 (33) IN

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(43) 23.01.2020  
 (72) SHARMA, Abhishek  
 (74) Murray Trento & Associates Pty Ltd

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(71) Acoustic Knowledge, LLC  
 (11) AU-A-2019279990  
 (21) 2019279990 (22) 11.12.2019  
 (54) DIGITAL CAMERA WITH AUDIO, VISUAL AND MOTION ANALYSIS  
 (51) Int. Cl.  
**G06F 3/01** ( 2006.01 )  
**G06F 3/0481** ( 2013.01 )  
 (43) 23.01.2020  
 (62) 2017273462  
 (72) Boyle, Charles A.G.; Madsen, Caleb  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Adeka Corporation  
 (11) AU-A-2019284093  
 (21) 2019284093 (22) 28.01.2019  
 (54) Particulate nucleating agent, resin composition, molded product, and production method thereof  
 (51) Int. Cl.  
**C08F 10/06** ( 2006.01 )  
 (31) 2018-127626 (32) 04.07.18 (33) JP  
 (43) 23.01.2020  
 (72) Fukuda, Takuya; Yokota, Yuri  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Advanced Inhalation Therapies (AIT) Ltd.  
 (11) AU-A-2019283967  
 (21) 2019283967 (22) 20.12.2019  
 (54) Nitric oxide inhalation therapy for infants with bronchiolitis  
 (51) Int. Cl.  
**A61P 9/00** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2016320638  
 (72) Av-Gay, Yossef; Greenberg, David; Tal, Asher  
 (74) FPA Patent Attorneys Pty Ltd

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(71) AFL Telecommunications LLC  
 (11) AU-A-2019200065  
 (21) 2019200065 (22) 07.01.2019  
 (54) Network interface devices  
 (51) Int. Cl.  
**H05K 7/10** ( 2006.01 )  
 (31) 16/026,871 (32) 03.07.18 (33) US  
 (43) 23.01.2020  
 (72) Stout, Cecilia L.; Lane, David J.; Ball, Shirley; Miller, William; Cignarale, Joseph  
 (74) FB Rice Pty Ltd

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(71) Agios Pharmaceuticals, Inc.  
 (11) AU-A-2019283951  
 (21) 2019283951 (22) 19.12.2019  
 (54) THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE  
 (51) Int. Cl.  
**C07C 237/22** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 31/38** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/41** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017265100  
 (72) Lemieux, Rene M.; Popovici-Muller, Janeta; Travins, Jeremy; Cai, Zhenwei; Cui, Dawei; Zhou, Ding  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Alibaba Group Holding Limited  
 (11) AU-A-2018327217  
 (21) 2018327217 (22) 29.06.2018  
 (54) Managing services associated with URL-based two-dimensional codes  
 (51) Int. Cl.  
**H04L 29/00** ( 2006.01 )  
 (43) 23.01.2020  
 (72) Zheng, Ji; Lu, Tianshun; Sun, Xi; Pan, Yong; Zheng, Qiaojian; Feng, Jiaqi  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Align Technology, Inc.  
 (11) AU-A-2019284039  
 (21) 2019284039 (22) 23.12.2019  
 (54) AUTOMATIC SELECTION AND LOCKING OF INTRAORAL IMAGES  
 (51) Int. Cl.  
**G06T 1/00** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2019200225  
 (72) Kopelman, Avi; Sabina, Michael  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Align Technology, Inc.  
 (11) AU-A-2019284043  
 (21) 2019284043 (22) 23.12.2019  
 (54) IDENTIFICATION OF AREAS OF INTEREST DURING INTRAORAL SCANS  
 (51) Int. Cl.  
**G06T 7/00** ( 2006.01 )  
**G06T 5/50** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 23.01.2020  
 (62) 2018200411  
 (72) Kopelman, Avi; Sabina, Michael; Minchenkov, Mikhail; Anufrienko, Maria; Levin, Adi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Allergan, Inc.  
 (11) AU-A-2019283891  
 (21) 2019283891 (22) 18.12.2019  
 (54) Pharmaceutical compositions comprising 4-[1-(2,3-dimethylphenyl)ethyl]-3H-imidazole derivatives for treating retinal diseases

(51) Int. Cl.  
**A61K 31/4174** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )

(43) 23.01.2020  
 (62) 2017276253  
 (72) Dibas, Mohammed I.; Donello, John E.; Gil, Daniel W.  
 (74) Davies Collison Cave Pty Ltd

(71) Alspec Trading Limited  
 (11) AU-A-2019204683  
 (21) 2019204683 (22) 01.07.2019  
 (54) A STRUCTURAL INSERT AND A MODULAR KIT FOR CONSTRUCTION  
 (51) Int. Cl.  
**E04C 3/04** ( 2006.01 )  
 (31) 2018902464 (32) 06.07.18 (33) AU  
 (43) 23.01.2020  
 (72) Piez, Robert Maxwell  
 (74) Michael Buck IP

(71) ALSTOM Transport Technologies  
 (11) AU-A-2019204476  
 (21) 2019204476 (22) 25.06.2019  
 (54) Sand dispenser for a rail vehicle  
 (51) Int. Cl.  
**B61C 15/10** ( 2006.01 )  
**B60B 39/08** ( 2006.01 )  
 (31) 201841024414 (32) 29.06.18 (33) IN  
 (43) 23.01.2020  
 (72) Farooqui, Asghar Ali  
 (74) Davies Collison Cave Pty Ltd

(71) ALSTOM Transport Technologies; University of Cincinnati  
 (11) AU-A-2019204678  
 (21) 2019204678 (22) 01.07.2019  
 (54) Method and system for monitoring a point system of a railway network, and point system of a railway network  
 (51) Int. Cl.  
**B61L 1/20** ( 2006.01 )  
**B61L 1/02** ( 2006.01 )  
**B61L 5/06** ( 2006.01 )  
 (31) 16/028,743 (32) 06.07.18 (33) US  
 (43) 23.01.2020  
 (72) Alessi, Allegra; Lamoureux, Benjamin; Dersin, Pierre; Lee, Jay; Ardakani, Hossein Davari; Shi, Zhe; Jin, Wenjing; La-Cascia, Piero; Pugnaroni, Michele  
 (74) Davies Collison Cave Pty Ltd

(71) AME2 Pte Ltd  
 (11) AU-A-2019283874  
 (21) 2019283874 (22) 18.12.2019  
 (54) SYSTEM AND METHOD FOR OFF-SHORE AND IN-SHORE AQUACULTURE USING FLOATING CLOSED CONTAINMENT FARMING AND AMALGAMATED FACILITY  
 (51) Int. Cl.  
**A01K 61/60** ( 2017.01 )  
 (43) 23.01.2020  
 (62) 2017347309  
 (72) Leow, Ban Tat  
 (74) Phillips Ormonde Fitzpatrick

**Ansaldo STS Australia Pty Ltd see Technological Resources Pty. Limited**  
 (21) 2019283858

(71) Apple Inc.  
 (11) AU-A-2019283863  
 (21) 2019283863 (22) 18.12.2019  
 (54) Applying acknowledgement options in a graphical messaging user interface  
 (51) Int. Cl.  
**H04L 12/58** ( 2006.01 )  
**G06F 3/0488** ( 2013.01 )  
**H04M 1/725** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017266930  
 (72) CHAUDHRI, Imran A.; ANZURES, Freddy A.; DELLINGER, Richard R.; GRIFFIN, Bradley W.; JON, Tiffany S.; KARUNAMUNI, Chanaka G.; KING, Nicholas V.; MOHSENI, Daamun; PHAM, Hoan; TYLER, William M.; WAN, Wan Si; YERKES, Giancarlo; CONOLLY, Bethany B.; ADLER, Darin B.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019283870  
 (21) 2019283870 (22) 18.12.2019  
 (54) Systems and methods for multitasking on an electronic device with a touch-sensitive display  
 (51) Int. Cl.  
**G06F 3/0482** ( 2013.01 )  
**G06F 3/0488** ( 2013.01 )  
 (43) 23.01.2020  
 (62) 2018203847  
 (72) CHAUDHRI, Imran A.; KHOE, May-Li; ZAMBETTI, Nicholas; YANG, Lawrence Y.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019283935  
 (21) 2019283935 (22) 19.12.2019  
 (54) Motion-based configuration of a multi-user device  
 (51) Int. Cl.  
**G06F 3/048** ( 2006.01 )

(43) 23.01.2020  
 (62) 2017223176  
 (72) ZHAO, Lu  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019283968  
 (21) 2019283968 (22) 20.12.2019  
 (54) Maintaining context information between user interactions with a voice assistant  
 (51) Int. Cl.  
**G06Q 10/00** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2018202411  
 (72) CHEYER, Adam John; GUZZONI, Didier Rene; GRUBER, Thomas Robert; BRIGHAM, Christopher Dean; KITTLAUS, Dag  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019283970  
 (21) 2019283970 (22) 20.12.2019  
 (54) Unlocking a device by performing gestures on an unlock image  
 (51) Int. Cl.  
**G06F 3/048** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2018260823  
 (72) ANZURES, Freddy A.; CHAUDHRI, Imran; CHRISTIE, Greg; FORSTALL, Scott; LEMAY, Stephen O.; ORDING, Bas; VAN OS, Marcel  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019284040  
 (21) 2019284040 (22) 23.12.2019  
 (54) An earphone having an acoustic tuning mechanism  
 (51) Int. Cl.  
**H04R 1/10** ( 2006.01 )  
**H04R 25/00** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2018206774  
 (72) Howes, Michael B.; Azmi, Yacine; Porter, Scott P.; Aase, Jonathan S.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation  
 (11) AU-A-2019283949  
 (21) 2019283949 (22) 19.12.2019  
 (54) Advanced first entry model for surgical simulation  
 (51) Int. Cl.  
**G09B 23/28** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2015229068  
 (72) WACHLI, Serene; HOFSTETTER, Gregory K.; BLACK, Katie; POULSEN, Nikolai; HOLMES, Heidi; FELSINGER, Natasha; BRESLIN, Tracy; PRAVONGVIENKHAM, Ken-nii; PRAVONG, Boun; BOLANOS,

Applications Open to Public Inspection - Name Index cont'd

Eduardo; FALKENSTEIN, Zoran; HART, Charles C.; TALWAR, Tina  
**(74)** Griffith Hack

**(71)** Applied Signals Intelligence, Inc.  
**(11)** AU-A-2019284099  
**(21)** 2019284099 **(22)** 24.12.2019  
**(54)** Electrically small, range and angle-of-arrival RF sensor and estimation system  
**(51)** Int. Cl.  
*G01S 5/04* ( 2006.01 )  
*G01S 3/46* ( 2006.01 )  
*G01S 5/06* ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2015324516  
**(72)** McCorkle, John W.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Aqseptence Group Pty Ltd  
**(11)** AU-A-2019202143  
**(21)** 2019202143 **(22)** 28.03.2019  
**(54)** A centrifuge basket  
**(51)** Int. Cl.  
*B04B 7/16* ( 2006.01 )  
**(31)** 2018902445 **(32)** 05.07.18 **(33)** AU  
**(43)** 23.01.2020  
**(72)** Visser, Denys  
**(74)** FB Rice Pty Ltd

**(71)** Ariosa Diagnostics, Inc.  
**(11)** AU-A-2019283856  
**(21)** 2019283856 **(22)** 18.12.2019  
**(54)** Non-invasive fetal sex determination  
**(51)** Int. Cl.  
*C12Q 1/68* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2014226454  
**(72)** Oliphant, Arnold; Struble, Craig; Wang, Eric  
**(74)** FB Rice Pty Ltd

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2019204663  
**(21)** 2019204663 **(22)** 28.06.2019  
**(54)** GAMING MACHINE WITH CURRENT THEORETICAL RETURN-TO-PLAYER DISPLAY AND DYNAMIC ADJUSTMENT OF SAME  
**(51)** Int. Cl.  
*G07F 17/32* ( 2006.01 )  
**(31)** 16/022,616 **(32)** 28.06.18 **(33)** US  
**(43)** 23.01.2020  
**(72)** SANTISI, Steven  
**(74)** Griffith Hack

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2019279993  
**(21)** 2019279993 **(22)** 11.12.2019  
**(54)** A GAMING MACHINE  
**(51)** Int. Cl.  
*G07F 17/32* ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2018204323  
**(72)** MEYER, Jason; SANDERS, Liam; CHAN, Matthew; BATSIOKIS, Amy  
**(74)** Griffith Hack

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2019283877  
**(21)** 2019283877 **(22)** 18.12.2019  
**(54)** A Gaming System and Method of Gaming  
**(51)** Int. Cl.  
*G07F 17/32* ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2017248535  
**(72)** Bramble, Paul Francis Jason  
**(74)** Griffith Hack

**(71)** Armor  
**(11)** AU-A-2019204813  
**(21)** 2019204813 **(22)** 04.07.2019  
**(54)** Grid current collector and associated devices and methods  
**(51)** Int. Cl.  
*H01M 4/66* ( 2006.01 )  
**(31)** 18 56207 **(32)** 05.07.18 **(33)** FR  
**(43)** 23.01.2020  
**(72)** Guichard, Pierre; Berthome, Simon  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ArvinMeritor Technology, LLC  
**(11)** AU-A-2019204547  
**(21)** 2019204547 **(22)** 27.06.2019  
**(54)** Axle assembly including a wheel end and method of manufacture  
**(51)** Int. Cl.  
*F16H 57/04* ( 2010.01 )  
**(31)** 16/028,658 **(32)** 06.07.18 **(33)** US  
**(43)** 23.01.2020  
**(72)** Levinson, James; Kwasniewski, Dale; Holland, Randy; Gant, James; Mann, Timothy  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Azotic Technologies Ltd  
**(11)** AU-A-2019283956  
**(21)** 2019283956 **(22)** 19.12.2019  
**(54)** Plant inoculation method  
**(51)** Int. Cl.  
*A01N 63/20* ( 2020.01 )  
*A01N 25/00* ( 2006.01 )  
*A01N 25/22* ( 2006.01 )  
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 (74) Spruson & Ferguson

(71) Extrude to Fill, Inc.  
 (11) AU-A-2019284022  
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 (54) Nozzle shut off for injection molding system  
 (51) Int. Cl.  
**B29C 45/70** ( 2006.01 )  
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 (62) 2015357525  
 (72) FITZPATRICK, Richard Ernest  
 (74) Spruson & Ferguson

(71) Farmalinx Pty Ltd  
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 (21) 2019204626 (22) 28.06.2019  
 (54) GRANULE COMPOSITION AND PROCESS FOR PREPARATION THEREOF  
 (51) Int. Cl.  
**C05G 3/60** ( 2020.01 )  
**A01N 25/24** ( 2006.01 )  
**A01N 25/26** ( 2006.01 )  
**A01N 51/00** ( 2006.01 )  
**C05B 9/00** ( 2006.01 )  
**C05B 19/00** ( 2006.01 )  
**C05C 1/00** ( 2006.01 )  
**C05D 1/00** ( 2006.01 )  
**C05G 5/30** ( 2020.01 )  
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 (43) 23.01.2020  
 (72) Pentland, Philip Edward; Merchant, Purav; Nematic, Mathew  
 (74) Phillips Ormonde Fitzpatrick

(71) Farmalinx Pty Ltd  
 (11) AU-A-2019204627  
 (21) 2019204627 (22) 28.06.2019  
 (54) METHOD OF PEST CONTROL AND PESTICIDE COMPOSITION  
 (51) Int. Cl.  
**A01N 51/00** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A01P 17/00** ( 2006.01 )  
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 (72) Pentland, Philip Edward; Merchant, Purav; Nematic, Mathew  
 (74) Phillips Ormonde Fitzpatrick

(71) Fastbrick IP Pty Ltd  
 (11) AU-A-2019283895  
 (21) 2019283895 (22) 18.12.2019  
 (54) BOOM FOR MATERIAL TRANSPORT  
 (51) Int. Cl.  
**E04G 21/14** ( 2006.01 )  
**B25J 5/06** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )

**B25J 11/00** ( 2006.01 )  
**B60P 1/36** ( 2006.01 )  
**B65G 13/00** ( 2006.01 )  
**B65G 15/00** ( 2006.01 )  
**B65G 17/26** ( 2006.01 )  
**B65G 21/00** ( 2006.01 )  
**B65G 41/00** ( 2006.01 )  
**B65G 47/52** ( 2006.01 )  
**B65G 67/02** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2019205019  
 (72) PIVAC, Mark  
 (74) Davies Collison Cave Pty Ltd

(71) FiberLean Technologies Limited  
 (11) AU-A-2019284017  
 (21) 2019284017 (22) 20.12.2019  
 (54) Paper and paperboard products  
 (51) Int. Cl.  
**D21H 11/18** ( 2006.01 )  
**D21H 19/52** ( 2006.01 )  
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 (72) SVENDING, Per; PHIPPS, Jonathan Stuart; KRITZINGER, Johannes; LARSON, Tom; SELINA, Tania; SKUSE, David  
 (74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2019283948  
 (21) 2019283948 (22) 19.12.2019  
 (54) HUMIDIFICATION SYSTEM  
 (51) Int. Cl.  
**A61M 16/16** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2014319043  
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 (74) Baldwins Intellectual Property

(71) FOOKS, R.  
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 (21) 2019204839 (22) 04.07.2019  
 (54) Hatch Construction  
 (51) Int. Cl.  
**E04D 13/035** ( 2006.01 )  
**E06B 5/16** ( 2006.01 )  
 (31) 2018902435 (32) 04.07.18 (33) AU  
 (43) 23.01.2020  
 (72) FOOKS, Rodric Lindsay  
 (74) Wallington-Dummer

Foshan Intelgen Pharmaceutical Co. Ltd.  
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 (21) 2019283946

(71) Fresenius Medical Care Holdings, Inc.  
 (11) AU-A-2019284087  
 (21) 2019284087 (22) 24.12.2019  
 (54) Method of detecting a leak in a heat exchanger of a hemodialysis device  
 (51) Int. Cl.  
**A61M 1/16** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2018209967  
 (72) Crnkovich, Martin; Levin, Roland; McCormick, Christopher; Wang, Fei; Wang, Aiyuan  
 (74) Davies Collison Cave Pty Ltd

(71) Fuller Family Holdings Pty Ltd  
 (11) AU-A-2019204920  
 (21) 2019204920 (22) 09.07.2019  
 (54) Display strip  
 (51) Int. Cl.  
**A47F 5/08** ( 2006.01 )  
**G09F 3/02** ( 2006.01 )  
**G09F 3/06** ( 2006.01 )  
 (31) 2018902492 (32) 09.07.18 (33) AU  
 (43) 23.01.2020  
 (72) Fuller, Peter Ronald  
 (74) Intellepro

(71) G9 Holdings, LLC  
 (11) AU-A-2019283920  
 (21) 2019283920 (22) 19.12.2019  
 (54) PROJECTILE WITH ENHANCED BALISTICS  
 (51) Int. Cl.  
**F42B 8/12** ( 2006.01 )  
**F42B 10/00** ( 2006.01 )  
**F42B 12/00** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2015288295  
 (72) Mahnke, Joshua  
 (74) Madderns Pty Ltd

(71) Galmed Research & Development Limited  
 (11) AU-A-2019275638  
 (21) 2019275638 (22) 06.12.2019  
 (54) ARAMCHOL SALTS  
 (51) Int. Cl.  
**C07J 41/00** ( 2006.01 )  
**A61K 31/20** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2014358668  
 (72) BAHARAFF, Allen; ESHKAR-OREN, Idit  
 (74) PIPERS

(71) Geberit International AG  
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 (21) 2019204452 (22) 25.06.2019  
 (54) Actuating unit arrangement  
 (51) Int. Cl.



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**(43)** 23.01.2020  
**(72)** Pfister, Guido; Schwendener, Peter  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Geberit International AG  
**(11)** AU-A-2019204453  
**(21)** 2019204453 **(22)** 25.06.2019  
**(54)** Carrier element for a cleaning element to be introduced into a cistern  
**(51)** Int. Cl.  
**E03D 9/03** ( 2006.01 )  
**E03D 9/02** ( 2006.01 )  
**(31)** 18179719.2 **(32)** 26.06.18 **(33)** EP  
**(43)** 23.01.2020  
**(72)** Furrer, Martin; Brändli, Pascal  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Geberit International AG  
**(11)** AU-A-2019204457  
**(21)** 2019204457 **(22)** 25.06.2019  
**(54)** Bearing plate for toilet cisterns  
**(51)** Int. Cl.  
**E03D 11/13** ( 2006.01 )  
**E03D 1/01** ( 2006.01 )  
**(31)** 18179717.6 **(32)** 26.06.18 **(33)** EP  
**(43)** 23.01.2020  
**(72)** Furrer, Martin; Brändli, Pascal  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Gen9, Inc.  
**(11)** AU-A-2019283944  
**(21)** 2019283944 **(22)** 19.12.2019  
**(54)** Methods for Nucleic Acid Assembly and High Throughput Sequencing  
**(51)** Int. Cl.  
**C40B 50/06** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2017248573  
**(72)** Hudson, Michael; Kung, Li-Yun; Schindler, Daniel; Archer, Stephen; Saaem, Ishtiaq  
**(74)** WRAYS PTY LTD

**(71)** Genmab A/S  
**(11)** AU-A-2019283898  
**(21)** 2019283898 **(22)** 18.12.2019  
**(54)** Heterodimeric antibody FC-containing proteins and methods for production thereof  
**(51)** Int. Cl.  
**C07K 16/10** ( 2006.01 )  
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**C07K 16/46** ( 2006.01 )  
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**(62)** 2018201503  
**(72)** Labrijn, Aran Frank; Meesters, Joyce; Bremer, Ewald van den; Neijssen, Joost J.; Berkel, Patrick van; Goeij, Bart de; Vink, Tom; Van De Winkel, Jan; Schuurman, Janine; Parren, Paul  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Gen-Probe Incorporated  
**(11)** AU-A-2019284088  
**(21)** 2019284088 **(22)** 24.12.2019  
**(54)** Method of isolating nucleic acid from specimens in liquid-based cytology preservatives containing formaldehyde  
**(51)** Int. Cl.  
**C12P 19/34** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2018201823  
**(72)** WILSON, Timothy Joseph; KIRKCONNELL, Brett Wolfe; JENSEN, Deborah Christine  
**(74)** Griffith Hack

**(71)** GEOQUEST SYSTEMS B.V.  
**(11)** AU-A-2019283850  
**(21)** 2019283850 **(22)** 18.12.2019  
**(54)** Method for improved design of hydraulic fracture height in a subterranean laminated rock formation  
**(51)** Int. Cl.  
**E21B 43/26** ( 2006.01 )  
**E21B 43/247** ( 2006.01 )  
**E21B 44/00** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2015269193  
**(72)** CHUPRAKOV, Dimitry; PRIOUL, Romain Charles Andre; WENG, Xiaowei  
**(74)** Griffith Hack

**(71)** Geron Corporation  
**(11)** AU-A-2019283840  
**(21)** 2019283840 **(22)** 18.12.2019  
**(54)** Diagnostic markers for treating cell proliferative disorders with telomerase inhibitors  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/533** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2013352105  
**(72)** Basset, Ekaterina; Burington, Bart; Wang, Hui; Eng, Kevin  
**(74)** FB Rice Pty Ltd

**(71)** Gilbarco Inc.  
**(11)** AU-A-2019284055  
**(21)** 2019284055 **(22)** 23.12.2019  
**(54)** Alphanumeric keypad for fuel dispenser system architecture  
**(51)** Int. Cl.  
**G06Q 20/40** ( 2012.01 )  
**B67D 7/10** ( 2010.01 )  
**(43)** 23.01.2020  
**(62)** 2014233058  
**(72)** Carapelli, Giovanni; Welch, Bruce  
**(74)** FB Rice Pty Ltd

**(71)** Hayward Industries, Inc.  
**(11)** AU-A-2019283929  
**(21)** 2019283929 **(22)** 19.12.2019  
**(54)** Systems and methods for user-installable chlorinators  
**(51)** Int. Cl.  
**C02F 1/00** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2017228646  
**(72)** Chen, Patrick; Sawyer, Douglas; Levin, Alan  
**(74)** Davies Collison Cave Pty Ltd

**(71)** HONEYWELL INTERNATIONAL INC.  
**(11)** AU-A-2019203898  
**(21)** 2019203898 **(22)** 04.06.2019  
**(54)** INTEGRATING FUNCTIONALITY IN A LINE POWERED DEVICE OF A FACILITY  
**(51)** Int. Cl.  
**G05B 23/02** ( 2006.01 )  
**G05B 15/02** ( 2006.01 )  
**H04L 29/02** ( 2006.01 )  
**(31)** 16/026,929 **(32)** 03.07.18 **(33)** US  
**(43)** 23.01.2020  
**(72)** Mahasanen, Arun Vijayakumari; Padmanabhan, Aravind; Fenton, Samuel George  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Hosokawa Yoko Co., Ltd.  
**(11)** AU-A-2019204442  
**(21)** 2019204442 **(22)** 25.06.2019  
**(54)** FILLING APPARATUS  
**(51)** Int. Cl.  
**B67C 3/24** ( 2006.01 )  
**B65B 3/04** ( 2006.01 )  
**(31)** 2018-122254 **(32)** 27.06.18 **(33)** JP  
**(43)** 23.01.2020  
**(72)** Hiramoto, Shinichi; Miyoshi, Hiroyuki  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Huawei Technologies Co., Ltd.  
**(11)** AU-A-2019283991  
**(21)** 2019283991 **(22)** 20.12.2019  
**(54)** DATA SERVICE CONTROL METHOD AND RELATED DEVICE  
**(51)** Int. Cl.  
**H04W 4/24** ( 2009.01 )  
**(43)** 23.01.2020  
**(62)** 2016407652  
**(72)** Chong, Weiwei; Wu, Xiaobo  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** IGT  
**(11)** AU-A-2019204325  
**(21)** 2019204325 **(22)** 20.06.2019  
**(54)** SYSTEM, APPARATUS AND METHOD FOR FACILITATING REMOTE GAMING COMMUNICATIONS IN A VENUE  
**(51)** Int. Cl.  
**H04W 12/06** ( 2009.01 )  
**G06F 21/44** ( 2013.01 )  
**(31)** 16/029,714 **(32)** 09.07.18 **(33)** US  
**(43)** 23.01.2020  
**(72)** Russell, Peter  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Illinois Tool Works Inc.  
**(11)** AU-A-2019283864  
**(21)** 2019283864 **(22)** 18.12.2019  
**(54)** Fastening with load indicator  
**(51)** Int. Cl.

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**F16B 31/02** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2015249143  
**(72)** Barraclough, Andrew Saul  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Illumina, Inc.  
**(11)** AU-A-2019284046  
**(21)** 2019284046 **(22)** 23.12.2019  
**(54)** Biochemically Activated Electronic Device

**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2015289828  
**(72)** Boyanov, Boyan; Mandell, Jeffrey; Bai, Jingwei; Gunderson, Kevin L; Chen, Cheng-Yao; Perbost, Michel  
**(74)** WRAYS PTY LTD

**(71)** Impax Laboratories, Inc.  
**(11)** AU-A-2019284060  
**(21)** 2019284060 **(22)** 23.12.2019  
**(54)** Muco-adhesive, controlled release formulations of levodopa and/or esters of levodopa and uses thereof

**(51)** Int. Cl.  
**A61K 9/54** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2014332024  
**(72)** HSU, Ann; DONG, Liang C.; DING, Amy; GUPTA, Suneel  
**(74)** Spruson & Ferguson

**(71)** Implantica Patent Ltd  
**(11)** AU-A-2019283984  
**(21)** 2019283984 **(22)** 20.12.2019  
**(54)** System and method for embryo control

**(51)** Int. Cl.  
**A61B 17/12** ( 2006.01 )  
**A61B 17/425** ( 2006.01 )  
**A61F 6/22** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2017201759  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** Implantica Patent Ltd  
**(11)** AU-A-2019283987  
**(21)** 2019283987 **(22)** 20.12.2019  
**(54)** Apparatus for controlling flow of intestinal contents in a patient's intestines

**(51)** Int. Cl.  
**A61F 2/04** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2019203462  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** Infosys Limited  
**(11)** AU-A-2019204444  
**(21)** 2019204444 **(22)** 25.06.2019  
**(54)** SYSTEM AND METHOD FOR ENRICHMENT OF OCR-EXTRACTED DATA

**(51)** Int. Cl.  
**G06F 17/27** ( 2006.01 )  
**G06F 7/00** ( 2006.01 )  
**(31)** 201841024115 **(32)** 28.06.18 **(33)** IN  
**(43)** 23.01.2020  
**(72)** Guruprasad, Shreyas Bettadapura; Pisipati, Radha Krishna  
**(74)** Phillips Ormonde Fitzpatrick

**Inner Mongolia University of Technology see China University of Mining and Technology**  
**(21)** 2018422115

**(71)** INO Therapeutics LLC  
**(11)** AU-A-2019283897  
**(21)** 2019283897 **(22)** 18.12.2019  
**(54)** Systems and method for delivery of therapeutic gas to patients in need thereof using enhanced breathing circuit gas (BCG) flow measurement

**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2015240862  
**(72)** ACKER, Jaron M.; TOLMIE, Craig R.  
**(74)** Spruson & Ferguson

**(71)** Intrator, N.  
**(11)** AU-A-2019284075  
**(21)** 2019284075 **(22)** 24.12.2019  
**(54)** SYSTEMS AND METHODS FOR BRAIN ACTIVITY INTERPRETATION

**(51)** Int. Cl.  
**A61B 5/04** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2016221435  
**(72)** Intrator, Nathan  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Ionis Pharmaceuticals, Inc.  
**(11)** AU-A-2019284028  
**(21)** 2019284028 **(22)** 23.12.2019  
**(54)** COMPOSITIONS AND METHODS FOR MODULATING PKK EXPRESSION

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

**(43)** 23.01.2020  
**(62)** 2015252917  
**(72)** Prakash, Thazha P.; Seth, Punit P.; Swayze, Eric E.; Freier, Susan M.; Bui, Huynh-Hoa  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Ionis Pharmaceuticals, Inc.  
**(11)** AU-A-2019284048  
**(21)** 2019284048 **(22)** 23.12.2019  
**(54)** Compositions and methods for modulation of target nucleic acids

**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )

**(43)** 23.01.2020  
**(62)** 2014284152  
**(72)** Prakash, Thazha P.; Lima, Walter F.; Kinberger, Garth A.; Murray, Heather; Swayze, Eric E.; Crooke, Stanley T.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Ishida Co., Ltd.  
**(11)** AU-A-2019204587  
**(21)** 2019204587 **(22)** 28.06.2019  
**(54)** ULTRASONIC SEALING UNIT

**(51)** Int. Cl.  
**B29C 65/08** ( 2006.01 )  
**B65B 51/10** ( 2006.01 )  
**(31)** 2018-127087 **(32)** 03.07.18 **(33)** JP  
**(43)** 23.01.2020  
**(72)** Shimoda, Takafumi  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** J.C. Bamford Excavators Ltd  
**(11)** AU-A-2019204622  
**(21)** 2019204622 **(22)** 28.06.2019  
**(54)** AN ACTUATION MECHANISM FOR A MULTI-PLATE BRAKE

**(51)** Int. Cl.  
**F16D 65/12** ( 2006.01 )  
**F16D 55/36** ( 2006.01 )

**(31)** 1810575.9 **(32)** 28.06.18 **(33)** GB  
**(43)** 23.01.2020  
**(72)** Dhurandhar, Swapnil P.; Malushte, Pratih Prabhakar  
**(74)** Madderns Pty Ltd

**(71)** Janssen Pharmaceutica NV  
**(11)** AU-A-2019284029  
**(21)** 2019284029 **(22)** 23.12.2019  
**(54)** Antibodies to paliperidone haptens and use thereof

**(51)** Int. Cl.  
**C07K 16/44** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2017261585  
**(72)** Hryhorenko, Eric; Sankaran, Banumathi; Decory, Thomas R.; Tubbs, Theresa; Colt, Linda; Vliegen, Maarten; Haspelslagh, Pieter Rik  
**(74)** Shelston IP Pty Ltd.

**(71)** Janssen Pharmaceutica NV  
**(11)** AU-A-2019284031  
**(21)** 2019284031 **(22)** 23.12.2019  
**(54)** Antibodies to aripiprazole and use thereof

**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 16/44** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2018200278  
**(72)** Hryhorenko, Eric; Sankaran, Banumathi; Decory, Thomas R.; Tubbs, Theresa; Colt, Linda; Remmerie, Bart M.; Salter, Rhys; Lin, Ronghui  
**(74)** Shelston IP Pty Ltd.

Applications Open to Public Inspection - Name Index cont'd

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- (71) Janssen Pharmaceutica NV  
 (11) AU-A-2019284059  
 (21) 2019284059 (22) 23.12.2019  
 (54) Antibodies to risperidone haptens and use thereof  
 (51) Int. Cl.  
*C07K 16/44* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
*C07K 14/00* ( 2006.01 )  
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 (62) 2018200107  
 (72) Hryhorenko, Eric; Sankaran, Banumathi; Decory, Thomas R.; Tubbs, Theresa; Colt, Linda; Vliegen, Maarten; Haspelslagh, Pieter Rik  
 (74) Shelston IP Pty Ltd.
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- (71) Jinan University  
 (11) AU-A-2018402494  
 (21) 2018402494 (22) 14.12.2018  
 (54) Privacy-preserving image region duplication detection method  
 (51) Int. Cl.  
*G06F 21/30* ( 2013.01 )  
 (31) 201810634217.6 (32) 20.06.18 (33) CN  
 (43) 23.01.2020  
 (72) Weng, Jian; Feng, Bingwen; Yang, Yaxi; Wei, Kaimin; Liu, Zhiqun; Dong, Caiqin  
 (74) Madderns Pty Ltd
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- (71) Joy Global Surface Mining Inc  
 (11) AU-A-2019284103  
 (21) 2019284103 (22) 24.12.2019  
 (54) Conduit support structure for an industrial machine  
 (51) Int. Cl.  
*E02F 3/52* ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017239598  
 (72) MAKI, Douglas; PEDRETTI, Ethan; AKANDA, Anab; GASKA, Jason; JONES, Christopher; LOEW, Matthew; DRETZKA, Andrew P.; KNUTH, Jason  
 (74) Griffith Hack
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- (71) K.J. Manufacturing Co.  
 (11) AU-A-2019283990  
 (21) 2019283990 (22) 20.12.2019  
 (54) Method and device for coolant recycling  
 (51) Int. Cl.  
*F01P 7/14* ( 2006.01 )  
*F16K 1/14* ( 2006.01 )  
*F16K 15/04* ( 2006.01 )  
*F16K 17/18* ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2018203075  
 (72) BLUNDY, George  
 (74) Griffith Hack
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- (71) KCI Licensing, Inc.  
 (11) AU-A-2019284037  
 (21) 2019284037 (22) 23.12.2019  
 (54) Controlled negative pressure apparatus and alarm mechanism  
 (51) Int. Cl.
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- (71) LG Electronics Inc.  
 (11) AU-A-2019284085  
 (21) 2019284085 (22) 24.12.2019
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- (71) LG Electronics Inc.  
 (11) AU-A-2019283959  
 (21) 2019283959 (22) 20.12.2019  
 (54) SURFACE GRAVITY WAVE GENERATOR AND WAVE POOL  
 (51) Int. Cl.  
*E04H 4/12* ( 2006.01 )  
*A63B 69/00* ( 2006.01 )  
*A63G 31/00* ( 2006.01 )  
*E04H 4/00* ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2018200273  
 (72) Fincham, Adam; Slater, Kelly  
 (74) Phillips Ormonde Fitzpatrick
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- (71) Kotobuki Tsushou Co., Ltd.  
 (11) AU-A-2019283952  
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**State Grid Corporation of China see State Grid Hunan Electric Power Company Limited**  
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**State Grid Hunan Electric Company Limited Disaster Prevention and Reduction Center see State Grid Hunan Electric Power Company Limited**  
**(21)** 2019272058

**(71)** State Grid Hunan Electric Power Company Limited; State Grid Hunan Electric Company Limited Disaster Prevention and Reduction Center; State Grid Corporation of China  
**(11)** AU-A-2019272058  
**(21)** 2019272058 **(22)** 21.06.2019  
**(54)** Fire extinguishing agent and fire extinguishing system  
**(51)** Int. Cl.  
**A62D 1/06** ( 2006.01 )  
**(31)** 201810659753.1 **(32)** 22.06.18 **(33)** CN  
**(43)** 23.01.2020  
**(72)** Lu, Jiazheng; Chen, Baohui; Liang, Ping; Sun, Yicheng; Li, Bo; Wu, Chuanping; Zhou, Tejun  
**(74)** FB Rice Pty Ltd

**(71)** Stinger Brush Holdings, LLC  
**(11)** AU-A-2019204798  
**(21)** 2019204798 **(22)** 03.07.2019  
**(54)** MULTI-LOBATED PAINT BRUSH AND SLEEVE ASSEMBLY  
**(51)** Int. Cl.  
**A46B 9/02** ( 2006.01 )  
**A46B 17/04** ( 2006.01 )  
**(31)** 16/029,533 **(32)** 06.07.18 **(33)** US  
**(43)** 23.01.2020  
**(72)** Peace, Andrew Evan  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-A-2019283904  
**(21)** 2019283904 **(22)** 18.12.2019  
**(54)** Portable cart for collecting medical waste  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2018201723  
**(72)** Henniges, Bruce D.; Huyser, Richard F.; Tyler Sr., Douglas L.; Culp, Jerry S.; Philipp, Chris; Malackowski, Donald W.; Walen, James G.; Stratton, Dennis A.; Welch, Paul A.; Carusillo, Steven J.; Goldenberg, David S.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** SunCoke Technology and Development LLC  
**(11)** AU-A-2019284030  
**(21)** 2019284030 **(22)** 23.12.2019  
**(54)** Horizontal heat recovery coke ovens having monolith crowns  
**(51)** Int. Cl.  
**C10B 29/02** ( 2006.01 )  
**C10B 15/02** ( 2006.01 )

**(43)** 23.01.2020  
**(62)** 2015284198  
**(72)** WEST, Gary Dean; QUANCI, John Francis  
**(74)** Spruson & Ferguson

**(71)** SunPower Corporation; Total Marketing Services  
**(11)** AU-A-2019283886  
**(21)** 2019283886 **(22)** 18.12.2019  
**(54)** Passivation of light-receiving surfaces of solar cells  
**(51)** Int. Cl.  
**H01L 31/0216** ( 2006.01 )  
**H01L 31/0256** ( 2006.01 )  
**H01L 31/04** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2015236203  
**(72)** RIM, Seung Bum; SOLOMON, Genevieve A.; JOHNSON, Michael C.; DAMON-LACOSTE, Jerome; SA-LOMON, Antoine Marie Oliver  
**(74)** Spruson & Ferguson

**(71)** SunPower Corporation  
**(11)** AU-A-2019283942  
**(21)** 2019283942 **(22)** 19.12.2019  
**(54)** Solar cell with trench-free emitter regions  
**(51)** Int. Cl.  
**H01L 31/04** ( 2006.01 )  
**H01L 31/0256** ( 2006.01 )  
**(43)** 23.01.2020  
**(62)** 2015236205  
**(72)** SMITH, David D.  
**(74)** Spruson & Ferguson

**(71)** Suntory Holdings Limited  
**(11)** AU-A-2019284092  
**(21)** 2019284092 **(22)** 24.12.2019  
**(54)** Stevia-containing beverage  
**(51)** Int. Cl.  
**A23L 2/60** ( 2006.01 )  
**A23F 3/16** ( 2006.01 )  
**A23L 2/00** ( 2006.01 )  
**A23L 27/00** ( 2016.01 )  
**(43)** 23.01.2020  
**(62)** 2017239890  
**(72)** Nakajima, Makoto; Kobayashi, Yasuyuki  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Suntory Holdings Limited  
**(11)** AU-A-2019284101  
**(21)** 2019284101 **(22)** 24.12.2019  
**(54)** Stevia-containing beverage  
**(51)** Int. Cl.  
**A23L 2/60** ( 2006.01 )  
**A23F 3/16** ( 2006.01 )  
**A23L 2/00** ( 2006.01 )  
**A23L 27/00** ( 2016.01 )  
**(43)** 23.01.2020  
**(62)** 2017241865  
**(72)** Nakajima, Makoto; Kobayashi, Yasuyuki  
**(74)** Davies Collison Cave Pty Ltd

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(11) AU-A-2019283829  
(21) 2019283829 (22) 17.12.2019  
(54) Sensing or stimulating activity of tissue  
(51) Int. Cl.  
**A61B 5/0478** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
(43) 23.01.2020  
(62) 2017276276  
(72) Oxley, Thomas James  
(74) Watermark Intellectual Property Pty Ltd
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- (71) Synergy Pharmaceuticals, Inc.  
(11) AU-A-2019284019  
(21) 2019284019 (22) 20.12.2019  
(54) Agonists of guanylate cyclase useful for the treatment of opioid induced dysfunctions  
(51) Int. Cl.  
**A61K 31/538** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**A61K 38/12** ( 2006.01 )  
(43) 23.01.2020  
(62) 2014331704  
(72) Shailubhai, Kunwar; Palejwala, Vaseem  
(74) Spruson & Ferguson
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- (71) SYSTEM STORMSEAL PTY LTD  
(11) AU-A-2019283982  
(21) 2019283982 (22) 20.12.2019  
(54) Heat Shrink Covering of Built Structures and Method  
(51) Int. Cl.  
**E04D 5/06** ( 2006.01 )  
**B29C 65/02** ( 2006.01 )  
**E04G 21/28** ( 2006.01 )  
(43) 23.01.2020  
(62) 2016387413  
(72) LENNOX, Matthew; GALLAGHER, Justin; MARKOPOULOS, Andrew  
(74) Wallington-Dummer
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- (71) Tata Consultancy Services Limited  
(11) AU-A-2019200154  
(21) 2019200154 (22) 10.01.2019  
(54) METHOD AND SYSTEM FOR AUTOMATIC CHROMOSOME CLASSIFICATION  
(51) Int. Cl.  
**G16B 20/00** ( 2019.01 )  
**C12Q 1/68** ( 2018.01 )  
(31) 201821025353 (32) 06.07.18 (33) IN  
(43) 23.01.2020  
(72) SHARMA, Monika; VIG, Lovekesh; -, Swati  
(74) James & Wells Intellectual Property
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- (71) Tata Consultancy Services Limited  
(11) AU-A-2019201789  
(21) 2019201789 (22) 15.03.2019  
(54) FAILED AND CENSORED INSTANCES BASED REMAINING USEFUL LIFE (RUL) ESTIMATION OF ENTITIES  
(51) Int. Cl.  
**G06N 3/02** ( 2006.01 )
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- (71) 201821025626 (32) 09.07.18 (33) IN  
(43) 23.01.2020  
(72) MALHOTRA, Pankaj; TV, Vishnu; VIG, Lovekesh; SHROFF, Gautam  
(74) James & Wells Intellectual Property
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- (71) Tata Consultancy Services Limited  
(11) AU-A-2019201857  
(21) 2019201857 (22) 18.03.2019  
(54) Sparse neural network based anomaly detection in multi-dimensional time series  
(51) Int. Cl.  
**G06F 11/07** ( 2006.01 )  
(31) 201821025602 (32) 09.07.18 (33) IN  
(43) 23.01.2020  
(72) MALHOTRA, Pankaj; GUGULOTHU, Narendhar; VIG, Lovekesh; SHROFF, Gautam  
(74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Tata Consultancy Services Limited  
(11) AU-A-2019201881  
(21) 2019201881 (22) 19.03.2019  
(54) SYSTEMS AND METHODS FOR CLASSIFICATION OF MULTI-DIMENSIONAL TIME SERIES OF PARAMETERS  
(51) Int. Cl.  
**G06N 3/08** ( 2006.01 )  
(31) 201821025603 (32) 09.07.18 (33) IN  
(43) 23.01.2020  
(72) MALHOTRA, Pankaj; GUPTA, Priyanka; VIG, Lovekesh; SHROFF, Gautam  
(74) James & Wells Intellectual Property
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- (71) Tata Consultancy Services Limited  
(11) AU-A-2019204878  
(21) 2019204878 (22) 08.07.2019  
(54) METHOD AND SYSTEM FOR AUTOMATIC OBJECT ANNOTATION USING DEEP NETWORK  
(51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06N 3/02** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
(31) 201821025354 (32) 06.07.18 (33) IN  
(43) 23.01.2020  
(72) Singh, Chandan Kumar; Majumder, Anima; Kumar, Swagat; Behera, Laxmidhar  
(74) James & Wells Intellectual Property
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- (71) Tata Consultancy Services Limited  
(11) AU-A-2019204930  
(21) 2019204930 (22) 09.07.2019  
(54) Method and System for Generation of Hybrid Learning Techniques  
(51) Int. Cl.  
**G06N 3/02** ( 2006.01 )  
**A61B 5/042** ( 2006.01 )  
**A61B 5/0476** ( 2006.01 )  
**G06F 16/00** ( 2019.01 )  
**G06N 20/00** ( 2019.01 )  
**G16H 50/00** ( 2018.01 )  
(31) 201821025625 (32) 09.07.18 (33) IN
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- (43) 23.01.2020  
(72) UKIL, Arijit; BANDYOPADHYAY, Soma; MALHOTRA, Pankaj; PAL, Arpan; VIG, Lovekesh; SHROFF, Gautam; BOSE, Tulika; SAHU, Ishan; MUKHERJEE, Ayan  
(74) IP SOLVED (ANZ) PTY. LTD.
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- (71) Technological Resources Pty. Limited; Ansaldo STS Australia Pty Ltd  
(11) AU-A-2019283858  
(21) 2019283858 (22) 18.12.2019  
(54) RAIL TRANSPORT SYSTEM  
(51) Int. Cl.  
**B61L 27/04** ( 2006.01 )  
(43) 23.01.2020  
(62) 2017268531  
(72) HUSSEY, Andrew Patrick; COOK, Philip John; MACDONALD, Anthony John; HUME, Ian Charles; VARNAVIDES, Andrew James; NEWCOMBE, Daniel Kion  
(74) Griffith Hack
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- (71) The Boeing Company  
(11) AU-A-2019204510  
(21) 2019204510 (22) 26.06.2019  
(54) Multi-GBPS wireless data communication system for vehicular systems  
(51) Int. Cl.  
**G01S 13/00** ( 2006.01 )  
**G01S 15/00** ( 2006.01 )  
(31) 16/022,637 (32) 28.06.18 (33) US  
(43) 23.01.2020  
(72) YOUSIF, Aziz; KUMAR, Anil; BUSH, David A.  
(74) Spruson & Ferguson
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- (71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College  
(11) AU-A-2019283878  
(21) 2019283878 (22) 18.12.2019  
(54) Delivery, engineering and optimization of systems, methods and compositions for sequence manipulation and therapeutic applications  
(51) Int. Cl.  
**C12N 15/63** ( 2006.01 )  
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(62) 2013359199  
(72) Zhang, Feng; Heidenreich, Matthias; Ran, Fei; Swiech, Lukasz  
(74) FPA Patent Attorneys Pty Ltd
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- (71) THE CHINESE UNIVERSITY OF HONG KONG  
(11) AU-A-2019283981  
(21) 2019283981 (22) 20.12.2019  
(54) ANALYZING TUMOR DNA IN A CELL-FREE SAMPLE  
(51) Int. Cl.  
**C12Q 1/68** ( 2006.01 )

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 (62) 2017236002  
 (72) LO, Yuk-Ming Dennis; CHIU, Rossa Wai Kwun; CHAN, Kwan Chee; ZEE, Benny Chung Ying; CHONG, Ka Chun  
 (74) Griffith Hack

(71) The ESAB Group Inc.  
 (11) AU-A-2019204512  
 (21) 2019204512 (22) 26.06.2019  
 (54) Push-pull wire feed control system  
 (51) Int. Cl.  
     **B23K 9/12** ( 2006.01 )  
     **B23K 9/133** ( 2006.01 )  
 (31) 16/018,377 (32) 26.06.18 (33) US  
 (43) 23.01.2020  
 (72) ELDRIDGE, Richard Allen  
 (74) Spruson & Ferguson

(71) The Regents of the University of California  
 (11) AU-A-2019284027  
 (21) 2019284027 (22) 21.12.2019  
 (54) BAMBAM: PARALLEL COMPARATIVE ANALYSIS OF HIGH-THROUGHPUT SEQUENCING DATA  
 (51) Int. Cl.  
     **G16B 30/00** ( 2019.01 )  
 (43) 23.01.2020  
 (62) 2016203450  
 (72) Haussler, David; Sanborn, John Zachary  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services  
 (11) AU-A-2019283892  
 (21) 2019283892 (22) 18.12.2019  
 (54) Anti-human papillomavirus 16 E7 T cell receptors  
 (51) Int. Cl.  
     **C07K 14/725** ( 2006.01 )  
     **A61K 38/17** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2015266818  
 (72) Hinrichs, Christian S.; Rosenberg, Steven A.  
 (74) Spruson & Ferguson

(71) The United States of America, as Represented by The Secretary, Department of Health and Human Services  
 (11) AU-A-2019284080  
 (21) 2019284080 (22) 24.12.2019  
 (54) Methods of producing enriched populations of tumor reactive T cells from peripheral blood  
 (51) Int. Cl.  
     **A61K 35/14** ( 2006.01 )  
     **C12N 5/0783** ( 2010.01 )  
     **G01N 33/50** ( 2006.01 )  
     **G01N 33/569** ( 2006.01 )

(43) 23.01.2020  
 (62) 2018204458  
 (72) ROSENBERG, Steven A.; GROS, Alena  
 (74) Spruson & Ferguson

(71) Thursday Pools  
 (11) AU-A-2019210568  
 (21) 2019210568 (22) 31.07.2019  
 (54) Geotextile sheeting stabilized fiberglass swimming pool body  
 (51) Int. Cl.  
     **E04H 4/14** ( 2006.01 )  
     **E04H 4/00** ( 2006.01 )  
     **E04H 4/04** ( 2006.01 )  
 (31) 16/053,030 (32) 02.08.18 (33) US  
 (43) 23.01.2020  
 (62) 2014227495  
 (72) KHAMIS, William; VONDELL, Edward  
 (74) Spruson & Ferguson

(71) Ting, M.  
 (11) AU-A-2019204456  
 (21) 2019204456 (22) 25.06.2019  
 (54) SPIN TYPE MOP CLEANING BUCKET SUITABLE FOR CLEANING FOLDABLE FLAT MOP  
 (51) Int. Cl.  
     **A47L 13/50** ( 2006.01 )  
     **A47L 13/258** ( 2006.01 )  
 (31) 107123672 (32) 09.07.18 (33) TW  
 (43) 23.01.2020  
 (72) Ting, Ming-Che  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

Tomlins, G. see Wooldridge, J.  
 (21) 2019204829

Total Marketing Services see SunPower Corporation  
 (21) 2019283886

(71) Trading Technologies International, Inc.  
 (11) AU-A-2019268129  
 (21) 2019268129 (22) 20.11.2019  
 (54) Trading tools for electronic trading  
 (51) Int. Cl.  
     **G06Q 40/04** ( 2012.01 )  
 (43) 23.01.2020  
 (62) 2017276159  
 (72) KEMP II, Gary Allen; BRUMSFIELD, Harris; SCHLUETTER, Jens-Uwe; BURNS, Michael; WEST, Robert A.; SINGER, Scott  
 (74) Spruson & Ferguson

(71) TRANSELL CO., LTD  
 (11) AU-A-2019284105  
 (21) 2019284105 (22) 24.12.2019  
 (54) Blood component separating device  
 (51) Int. Cl.  
     **A61M 1/02** ( 2006.01 )

(43) 23.01.2020  
 (62) 2016387808  
 (72) HAMADA, Nariyuki; NAKAMURA, Shuji; SADO, Katsuyuki; KANEDA, Kenta  
 (74) Griffith Hack

(71) Transking Corporation Pty Limited  
 (11) AU-A-2018220092  
 (21) 2018220092 (22) 23.08.2018  
 (54) A winch assembly  
 (51) Int. Cl.  
     **B66D 1/04** ( 2006.01 )  
 (31) 2018902483 (32) 09.07.18 (33) AU  
 (43) 23.01.2020  
 (72) King, Lindsay Alexander  
 (74) Spruson & Ferguson

(71) Turinsky, W.M.; van Oeveren, H.  
 (11) AU-A-2018204765  
 (21) 2018204765 (22) 29.06.2018  
 (54) AN ADJUSTABLE INFEEED FOR USE WITH A PANEL RETURN AND AN EDGE BANDER  
 (51) Int. Cl.  
     **B27D 5/00** ( 2006.01 )  
 (43) 23.01.2020  
 (72) Turinsky, Willfried Manfred; Van Oeveren, Henk  
 (74) Baldwins Intellectual Property

(71) TYR Tactical, LLC  
 (11) AU-A-2019204436  
 (21) 2019204436 (22) 24.06.2019  
 (54) SHIELD SYSTEM  
 (51) Int. Cl.  
     **F41H 5/08** ( 2006.01 )  
 (31) 16/018,052 (32) 26.06.18 (33) US  
 (43) 23.01.2020  
 (72) Beck, Jason  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

University of Cincinnati see ALSTOM Transport Technologies  
 (21) 2019204678

(71) Vallesviu, S.A.  
 (11) AU-A-2019283859  
 (21) 2019283859 (22) 18.12.2019  
 (54) ARRANGEMENT OF CINEMAS IN MULTIPLEX CINEMAS AND CINEMA ROOM FOR A MULTI-SCREEN CINEMA  
 (51) Int. Cl.  
     **E04H 3/22** ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2016228286  
 (72) Puigceros, Pere Sallent  
 (74) HENRY HUGHES IP LTD

van Oeveren, H. see Turinsky, W.M.  
 (21) 2018204765

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 (11) AU-A-2019204573  
 (21) 2019204573 (22) 27.06.2019  
 (54) High pressure composite pipe joining system  
 (51) Int. Cl.  
 F16L 15/00 ( 2006.01 )  
 (31) 16/023,371 (32) 29.06.18 (33) US  
 (43) 23.01.2020  
 (72) INGLEHART, Lamont Thomas  
 (74) Watermark Intellectual Property Pty Ltd

(71) ViaSat, Inc.  
 (11) AU-A-2019283873  
 (21) 2019283873 (22) 18.12.2019  
 (54) Satellite for End-to-End Beamforming with Access Node Clusters  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04B 7/204 ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017207482  
 (72) Cronin, Christopher; Miller, Mark; Dankberg, Mark; Buer, Kenneth; Runyon, Donald  
 (74) Adams Pluck

(71) ViaSat, Inc.  
 (11) AU-A-2019283881  
 (21) 2019283881 (22) 18.12.2019  
 (54) Cross-Band System and Satellite for End-to-End Beamforming  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04B 7/204 ( 2006.01 )  
 (43) 23.01.2020  
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 (72) Cronin, Christopher; Miller, Mark; Dankberg, Mark; Buer, Kenneth; Runyon, Donald  
 (74) Adams Pluck

(71) ViaSat, Inc.  
 (11) AU-A-2019283882  
 (21) 2019283882 (22) 18.12.2019  
 (54) System for End-to-End Beamforming with Multi-Frequency Access Nodes  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04B 7/204 ( 2006.01 )  
 (43) 23.01.2020  
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 (72) Cronin, Christopher; Miller, Mark; Dankberg, Mark; Buer, Kenneth; Runyon, Donald  
 (74) Adams Pluck

(71) ViaSat, Inc.  
 (11) AU-A-2019283883  
 (21) 2019283883 (22) 18.12.2019  
 (54) System for End-to-End Beamforming with Multi-Frequency Access Nodes  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04B 7/204 ( 2006.01 )

(43) 23.01.2020  
 (62) 2017207482  
 (72) Cronin, Christopher; Miller, Mark; Dankberg, Mark; Buer, Kenneth; Runyon, Donald  
 (74) Adams Pluck

(71) ViaSat, Inc.  
 (11) AU-A-2019283884  
 (21) 2019283884 (22) 18.12.2019  
 (54) Satellite for End-to-End Beamforming with Non-Overlapping Feeder and User Frequencies  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04B 7/204 ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017207482  
 (72) Cronin, Christopher; Miller, Mark; Dankberg, Mark; Buer, Kenneth; Runyon, Donald  
 (74) Adams Pluck

(71) ViaSat, Inc.  
 (11) AU-A-2019283885  
 (21) 2019283885 (22) 18.12.2019  
 (54) Satellite for End-to-End Beamforming with Access Node Clusters  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04B 7/204 ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017207482  
 (72) Cronin, Christopher; Miller, Mark; Dankberg, Mark; Buer, Kenneth; Runyon, Donald  
 (74) Adams Pluck

(71) ViaSat, Inc.  
 (11) AU-A-2019283889  
 (21) 2019283889 (22) 18.12.2019  
 (54) Satellite for End-to-End Beamforming with Non-Overlapping Feeder and User Frequencies  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04B 7/204 ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017207482  
 (72) Cronin, Christopher; Miller, Mark; Dankberg, Mark; Buer, Kenneth; Runyon, Donald  
 (74) Adams Pluck

(71) Vibrant Holdings, LLC  
 (11) AU-A-2019283851  
 (21) 2019283851 (22) 18.12.2019  
 (54) Selective photo activation of amino acids for single step peptide coupling  
 (51) Int. Cl.  
 C07K 1/04 ( 2006.01 )  
 C07K 1/10 ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017268546  
 (72) JAYARAMAN, Vasanth  
 (74) FB Rice Pty Ltd

(71) Vibrant Holdings, LLC  
 (11) AU-A-2019284016  
 (21) 2019284016 (22) 20.12.2019  
 (54) Methods, tools, and tool assemblies for biomolecular analysis using microarrays  
 (51) Int. Cl.  
 G01N 35/04 ( 2006.01 )  
 G01N 1/28 ( 2006.01 )  
 G01N 35/10 ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2016346170  
 (72) Rajasekaran, John J.; Jayaraman, Vasanth; Wang, Tianhao; Bei, Kang; Krishnamurthy, Hari Krishnan; Krishna, Karthik  
 (74) FB Rice Pty Ltd

(71) Viking Genetics FMBA  
 (11) AU-A-2019283978  
 (21) 2019283978 (22) 20.12.2019  
 (54) System and method for identification of individual animals based on images of the back  
 (51) Int. Cl.  
 A01K 11/00 ( 2006.01 )  
 A01K 5/02 ( 2006.01 )  
 A01K 29/00 ( 2006.01 )  
 G06K 9/00 ( 2006.01 )  
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 (62) 2016286295  
 (72) BORCHERSEN, Søren; BORGGAAARD, Claus; HANSEN, Niels Worsøe  
 (74) FB Rice Pty Ltd

(71) Visa U.S.A. Inc  
 (11) AU-A-2019284069  
 (21) 2019284069 (22) 24.12.2019  
 (54) APPLICATION CURRENCY CODE FOR DYNAMIC CURRENCY CONVERSION TRANSACTIONS WITH CONTACTLESS CONSUMER TRANSACTION PAYMENT DEVICE  
 (51) Int. Cl.  
 G06Q 20/00 ( 2006.01 )  
 G06K 17/00 ( 2006.01 )  
 G06K 19/00 ( 2006.01 )  
 (43) 23.01.2020  
 (62) 2017206203  
 (72) Clevén, Marc  
 (74) Phillips Ormonde Fitzpatrick

(71) Vista Outdoor Operations LLC  
 (11) AU-A-2019283860  
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Applications Open to Public Inspection - Name Index cont'd

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Applications Open to Public Inspection - Name Index cont'd

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 heart failure  
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 FURNITURE ASSEMBLY  
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Numerical Index

2018204765	Turinsky, W.M.; van Oeveren, H.	2019204659	Raxel Pty Ltd
2018204911	Rocla Pty Limited	2019204663	Aristocrat Technologies Australia Pty Limited
2018205108	LS Cable & System Ltd.	2019204674	Accenture Global Solutions Limited
2018206744	Citibank, N.A.	2019204678	ALSTOM Transport Technologies; University of Cincinnati
2018220092	Transking Corporation Pty Limited	2019204683	Alspec Trading Limited
2018256666	Parksen Group Pty Ltd	2019204685	Davidson, M.I.
2018256667	Parksen Group Pty Ltd	2019204686	Davidson, M.I.
2018267564	Yau Lee Wah Concrete Precast Products (Shenzhen) Company Limited	2019204687	Price Link Pty Ltd
2018327217	Alibaba Group Holding Limited	2019204691	Pangang Group Panzhihua Iron & Steel Research Institute Co., Ltd.
2018402494	Jinan University	2019204694	Caterpillar Inc
2018422115	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co.,Ltd; Inner Mongolia University of Technology	2019204701	LG ELECTRONICS INC.
2019200065	AFL Telecommunications LLC	2019204762	Vorwerk & Co Interholding GmbH
2019200154	Tata Consultancy Services Limited	2019204763	ServiceNow, Inc.
2019200187	Snap-on Incorporated	2019204764	ServiceNow, Inc.
2019200455	Snap-on Incorporated	2019204765	ServiceNow, Inc.
2019201789	Tata Consultancy Services Limited	2019204777	NORTH CHINA UNIVERSITY OF TECHNOLOGY
2019201857	Tata Consultancy Services Limited	2019204783	RIPRUP Company S.A.
2019201881	Tata Consultancy Services Limited	2019204798	Stinger Brush Holdings, LLC
2019202143	Aqseptence Group Pty Ltd	2019204813	Armor
2019203176	RICHARDS, C.	2019204821	Schneider Electric USA, Inc.
2019203215	CTA Australia Pty Ltd	2019204822	Schneider Electric USA, Inc.
2019203681	Eavor Technologies Inc	2019204823	Schneider Electric USA, Inc.
2019203794	Prysmian S.p.A.	2019204825	Schneider Electric USA, Inc.
2019203898	HONEYWELL INTERNATIONAL INC.	2019204826	Schneider Electric USA, Inc.
2019204000	Accenture Global Solutions Limited	2019204827	Schneider Electric USA, Inc.
2019204199	Biosense Webster (Israel) Ltd.	2019204829	Wooldridge, J.; Tomlins, G.
2019204294	Covidien LP	2019204837	Britax Child Safety, Inc.
2019204325	IGT	2019204839	FOOKS, R.
2019204392	Otis Elevator Company	2019204846	Nepean Longwall Pty Ltd
2019204415	MasterCard International Incorporated	2019204859	CSR Building Products Limited
2019204433	Czech Technical University in Prague	2019204861	CSR Building Products Limited
2019204436	TYR Tactical, LLC	2019204878	Tata Consultancy Services Limited
2019204442	Hosokawa Yoko Co., Ltd.	2019204904	Schneider Electric Industries SAS
2019204444	Infosys Limited	2019204910	Snug IP Holdings Pty Ltd
2019204447	Shin-Etsu Chemical Co., Ltd.	2019204920	Fuller Family Holdings Pty Ltd
2019204452	Geberit International AG	2019204930	Tata Consultancy Services Limited
2019204453	Geberit International AG	2019204939	Pro-Tech Hoardings Pty Ltd
2019204456	Ting, M.	2019210568	Thursday Pools
2019204457	Geberit International AG	2019216612	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2019204463	Mitsubishi Heavy Industries Thermal Systems, Ltd.	2019246928	Splitit Payments LTD.
2019204468	Caterpillar Inc.	2019268129	Trading Technologies International, Inc.
2019204473	Schneider Electric USA Inc.	2019272058	State Grid Hunan Electric Power Company Limited; State Grid Hunan Electric Company Limited Disaster Prevention and Reduction Center; State Grid Corporation of China
2019204476	ALSTOM Transport Technologies	2019275638	Galmed Research & Development Limited
2019204487	Medos International Sarl	2019279990	Acoustic Knowledge, LLC
2019204490	Medos International Sarl	2019279993	Aristocrat Technologies Australia Pty Limited
2019204494	zareef zaki, R.	2019280020	Next Science IP Holdings Pty Ltd
2019204510	The Boeing Company	2019280036	Peach, B.
2019204512	The ESAB Group Inc.	2019283764	Wageningen Universiteit
2019204529	Zhejiang Xinyi Shengao Mechanical Transmission Co., Ltd.	2019283789	City of Hope
2019204547	ArvinMeritor Technology, LLC	2019283826	DePuy Synthes Products, Inc.
2019204573	Varco I/P, Inc.	2019283828	PayPal, Inc.
2019204574	Viveve, Inc.	2019283829	SYNCHRON AUSTRALIA PTY LTD
2019204576	Combined Separation Systems Pty Ltd	2019283840	Geron Corporation
2019204587	Ishida Co., Ltd.	2019283841	Wix.com Ltd.
2019204596	O'Grady, M.	2019283848	Bathroom Products Australia Pty Ltd
2019204598	Schneider Electric (Australia) Pty Limited	2019283849	Water Pik, Inc.
2019204603	MacDon Industries Ltd.	2019283850	GEOQUEST SYSTEMS B.V.
2019204605	SNAP PAK GLOBAL LIMITED	2019283851	Vibrant Holdings, LLC
2019204622	J.C. Bamford Excavators Ltd	2019283852	LG Electronics Inc.
2019204624	OUTWORK SERVICES LIMITED	2019283853	Ab Initio Technology LLC
2019204625	Polyplas International Pty Ltd	2019283856	Ariosa Diagnostics, Inc.
2019204626	Farmalinx Pty Ltd		
2019204627	Farmalinx Pty Ltd		
2019204635	Winfield Solutions, LLC		



Applications Open to Public Inspection - Numerical Index cont'd

2019283858	Technological Resources Pty. Limited; Ansaldo STS Australia Pty Ltd	2019283983	Patent Investment & Licensing Company
2019283859	Vallesviu, S.A.	2019283984	Implantica Patent Ltd
2019283860	Vista Outdoor Operations LLC	2019283987	Implantica Patent Ltd
2019283863	Apple Inc.	2019283989	Delta T Corporation
2019283864	Illinois Tool Works Inc.	2019283990	K.J. Manufacturing Co.
2019283869	SCHLUMBERGER TECHNOLOGY B.V.	2019283991	Huawei Technologies Co., Ltd.
2019283870	Apple Inc.	2019283993	PICTOMETRY INTERNATIONAL CORP.
2019283873	ViaSat, Inc.	2019283994	Dart Neuroscience (Cayman) Ltd.
2019283874	AME2 Pte Ltd	2019283995	Retinagenix, LLC
2019283875	DM Systems, Incorporated	2019283997	Derrick Corporation
2019283876	eXIthera Pharmaceuticals Inc.	2019283999	CHDI Foundation, Inc.
2019283877	Aristocrat Technologies Australia Pty Limited	2019284000	NAVICO HOLDING AS
2019283878	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2019284001	Vitality Group International, Inc.
2019283880	CORDIS CORPORATION	2019284004	Biosense Webster (Israel) Ltd.
2019283881	ViaSat, Inc.	2019284006	Qualcomm Incorporated
2019283882	ViaSat, Inc.	2019284007	Nextivity, Inc.
2019283883	ViaSat, Inc.	2019284008	Cennerv Pharma (S) Pte. Ltd.
2019283884	ViaSat, Inc.	2019284010	ODIN ENERGY Co., Ltd
2019283885	ViaSat, Inc.	2019284013	Progenity, Inc.
2019283886	SunPower Corporation; Total Marketing Services	2019284016	Vibrant Holdings, LLC
2019283888	Portland State University	2019284017	FiberLean Technologies Limited
2019283889	ViaSat, Inc.	2019284019	Synergy Pharmaceuticals, Inc.
2019283891	Allergan, Inc.	2019284020	Qualcomm Incorporated
2019283892	The United States of America, as represented by the Secretary, Department of Health and Human Services	2019284021	En-Tech Corporation
2019283893	Del Mar Pharmaceuticals; Brown, D.	2019284022	Extrude to Fill, Inc.
2019283895	Fastbrick IP Pty Ltd	2019284023	Qualcomm Incorporated
2019283896	Bimeda Finance S.a.r.l.	2019284027	The Regents of the University of California
2019283897	INO Therapeutics LLC	2019284028	Ionis Pharmaceuticals, Inc.
2019283898	Genmab A/S	2019284029	Janssen Pharmaceutica NV
2019283901	Minnetronix, Inc.	2019284030	SunCoke Technology and Development LLC
2019283904	Stryker Corporation	2019284031	Janssen Pharmaceutica NV
2019283920	G9 Holdings, LLC	2019284032	SKINPROTECT CORPORATION SDN BHD
2019283928	Vyair Medical Consumables LLC	2019284033	Dropbox, Inc.
2019283929	Hayward Industries, Inc.	2019284035	Xigen Inflammation Ltd
2019283932	Seminis Vegetable Seeds, Inc.	2019284037	KCI Licensing, Inc.
2019283933	Lungpacer Medical Inc.	2019284039	Align Technology, Inc.
2019283934	Massachusetts Institute of Technology; Sanofi	2019284040	Apple Inc.
2019283935	Apple Inc.	2019284041	Load and Move Pty Ltd
2019283936	Saluda Medical Pty Ltd	2019284042	Essity Hygiene and Health Aktiebolag
2019283937	Smith & Nephew plc	2019284043	Align Technology, Inc.
2019283942	SunPower Corporation	2019284044	Smith & Nephew plc
2019283944	Gen9, Inc.	2019284046	Illumina, Inc.
2019283945	Biolog-id	2019284047	Metasphere Limited
2019283946	Enzhi (Guangzhou) Pharmaceuticals Limited.; Enzymynomics (H.K.) Limited.; Foshan Intelgen Pharmaceutical Co. Ltd.	2019284048	Ionis Pharmaceuticals, Inc.
2019283947	Edupresent LLC	2019284049	Smith & Nephew plc
2019283948	Fisher & Paykel Healthcare Limited	2019284050	Zensun (Shanghai) Science & Technology, Co., Ltd.
2019283949	Applied Medical Resources Corporation	2019284052	Snoozeal Limited
2019283951	Agios Pharmaceuticals, Inc.	2019284054	Encore Gaming, LLC
2019283952	Kotobuki Tsushou Co., Ltd.	2019284055	Gilbarco Inc.
2019283953	Depuy Mitek, LLC	2019284059	Janssen Pharmaceutica NV
2019283954	Preformed Line Products Co.	2019284060	Impax Laboratories, Inc.
2019283956	Azotic Technologies Ltd	2019284061	ServiceNow, Inc.
2019283958	Cvent, Inc.	2019284063	Precision Planting LLC
2019283959	Kelly Slater Wave Company, LLC	2019284065	Recombinetics, Inc
2019283961	Sarepta Therapeutics, Inc.	2019284066	Madrigal Pharmaceuticals, Inc.
2019283966	Liqwd, Inc.	2019284067	Snap-on Incorporated
2019283967	Advanced Inhalation Therapies (AIT) Ltd.	2019284069	Visa U.S.A. Inc
2019283968	Apple Inc.	2019284070	CYLUS CYBER SECURITY LTD.
2019283969	Academisch Ziekenhuis Leiden; BioMarin Technologies B.V.	2019284071	Standard Bariatrics, Inc.
2019283970	Apple Inc.	2019284072	Caroma Industries Limited; micas AG
2019283972	LG Electronics Inc.	2019284073	Wix.com Ltd.
2019283973	Patent Agencies Limited	2019284074	Children's Medical Center Corporation
2019283978	Viking Genetics FMBA	2019284075	Intrator, N.
2019283980	Blacknight Holdings, LLC	2019284076	Precision Planting LLC
2019283981	THE CHINESE UNIVERSITY OF HONG KONG	2019284077	Orora Limited
2019283982	SYSTEM STORMSEAL PTY LTD	2019284080	The United States of America, as Represented by The Secretary, Department of Health and Human Services
		2019284081	Perfect Day, Inc.
		2019284084	Megadyne Medical Products, Inc.
		2019284085	LG Electronics Inc.
		2019284087	Fresenius Medical Care Holdings, Inc.
		2019284088	Gen-Probe Incorporated

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

<b>2019284090</b>	MAKO Surgical Corp.
<b>2019284091</b>	Behr Process Corporation
<b>2019284092</b>	Suntory Holdings Limited
<b>2019284093</b>	Adeka Corporation
<b>2019284096</b>	SPD Swiss Precision Diagnostics GmbH
<b>2019284099</b>	Applied Signals Intelligence, Inc.
<b>2019284101</b>	Suntory Holdings Limited
<b>2019284102</b>	Xenex Disinfection Services LLC
<b>2019284103</b>	Joy Global Surface Mining Inc
<b>2019284105</b>	TRANSELL CO., LTD
<b>2019284108</b>	Mickelbobs BBC Patents Pty Ltd
<b>2019284111</b>	S.A. LHOIST RECHERCHE ET DEVELOPPEMENT

IPC Index

<b>A01B 13 /-</b> 2019284076	<b>A01N 61 /-</b> 2019204447	<b>A47J 44 /-</b> 2019204762	<b>A61K 31 /-</b> 2019275638 2019283876 2019283891 2019283893 2019283951 2019283961 2019283967 2019283969 2019283994 2019283995 2019284008 2019284019 2019284066	2019283984 2019284052	<b>B06B 1 /-</b> 2019284000
<b>A01B 21 /-</b> 2019204659	<b>A01N 63 /-</b> 2019283956	<b>A47K 10 /-</b> 2019284042		<b>A61P 1 /-</b> 2019275638	<b>B07B 1 /-</b> 2019283997
<b>A01B 23 /-</b> 2019204659	<b>A01P 1 /-</b> 2019280020	<b>A47K 5 /-</b> 2019284042		<b>A61P 13 /-</b> 2019284008	<b>B23K 9 /-</b> 2019204512
<b>A01B 63 /-</b> 2019284076	<b>A01P 15 /-</b> 2019283956	<b>A47L 13 /-</b> 2019204456		<b>A61P 21 /-</b> 2019283961 2019284008	<b>B25J 11 /-</b> 2019283895
<b>A01C 5 /-</b> 2019284076	<b>A01P 17 /-</b> 2019204627	<b>A47L 15 /-</b> 2019283852		<b>A61P 25 /-</b> 2019283994 2019284008	<b>B25J 5 /-</b> 2019283895
<b>A01C 7 /-</b> 2019284063 2019284076	<b>A01P 19 /-</b> 2019204447	<b>A47L 5 /-</b> 2019284085	<b>A61K 35 /-</b> 2019284080	<b>A61P 27 /-</b> 2019283891 2019283995	<b>B25J 9 /-</b> 2019283895
<b>A01D 67 /-</b> 2019204603	<b>A01P 7 /-</b> 2019204627	<b>A47L 9 /-</b> 2019284085	<b>A61K 38 /-</b> 2019283892 2019284019 2019284035 2019284050 2019284074		<b>B27D 5 /-</b> 2018204765
<b>A01H 1 /-</b> 2019283932	<b>A23F 3 /-</b> 2019284092 2019284101	<b>A61B 1 /-</b> 2019204487 2019204490 2019284013		<b>A61P 35 /-</b> 2019283951	<b>B29C 45 /-</b> 2019284022
<b>A01H 11 /-</b> 2019283932	<b>A23J 3 /-</b> 2019284081	<b>A61B 17 /-</b> 2019204294 2019283826 2019283953 2019283984 2019284071	<b>A61K 48 /-</b> 2019284048	<b>A61P 37 /-</b> 2019284008	<b>B29C 65 /-</b> 2019204587 2019283982
<b>A01H 9 /-</b> 2019283932	<b>A23L 2 /-</b> 2019204783 2019284092 2019284101	<b>A61B 18 /-</b> 2019204199 2019204574 2019284004 2019284084	<b>A61K 8 /-</b> 2019283966	<b>A61P 9 /-</b> 2019283967 2019284050	<b>B60B 33 /-</b> 2019284067
<b>A01K 11 /-</b> 2019283978	<b>A23L 27 /-</b> 2019284092 2019284101	<b>A61B 34 /-</b> 2019284090	<b>A61K 9 /-</b> 2019284060	<b>A61Q 5 /-</b> 2019283966	<b>B60B 39 /-</b> 2019204476
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				<b>B04B 7 /-</b> 2019202143	<b>B65B 9 /-</b> 2019204605

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

<b>B65D 1 /-</b> 2019284077	<b>C02F 1 /-</b> 2019204433 2019283929 2019283952	<b>C07K 16 /-</b> 2019283789 2019283898 2019284029 2019284031 2019284059	2019283856 2019283981 2019284031 2019284046	<b>E04B 2 /-</b> 2019204685 2019204859	<b>F16D 55 /-</b> 2019204622
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<b>B66B 5 /-</b> 2018422115	<b>C07H 21 /-</b> 2019284028 2019284088	<b>C12N 15 /-</b> 2019283878 2019283932 2019283961 2019283969 2019284048 2019284065	<b>E03C 1 /-</b> 2019283848	<b>E21D 23 /-</b> 2019204846	<b>F42B 33 /-</b> 2019283860
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Applications Open to Public Inspection - IPC Index cont'd

<b>G01N 21 /-</b> 2019284108	<b>G05D 16 /-</b> 2019284072	2019283968 2019284033	<b>H01J 61 /-</b> 2019284102	<b>H04R 25 /-</b> 2019284040
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<b>G05B 17 /-</b> 2019204821		<b>H01B 11 /-</b> 2018205108	<b>H04N 5 /-</b> 2019283993	
<b>G05B 19 /-</b> 2019204468 2019204762		<b>H01H 36 /-</b> 2019204598	<b>H04R 1 /-</b> 2019284040	
<b>G05B 23 /-</b> 2019203898				

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 (11) AU-A-2019101512  
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 (54) A method of constructing a column, a subterranean structure, and a structure made from the method.  
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- 
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 (54) Method and device for determining areas of interest based on geolocation data  
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Innovation Patents Open to Public Inspection - Name Index cont'd

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**G06F 3/00** ( 2006.01 )  
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**G06F 3/048** ( 2006.01 )  
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**(11)** AU-A-2019101579  
**(21)** 2019101579 **(22)** 13.12.2019  
**(54)** User identity verification method, apparatus and system  
**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**(45)** 23.01.2020  
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**(72)** He, Le; Tuo, Yukun; Li, Liang; Huang, Mian; Chen, Jidong; Yang, Wenbo  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101581  
**(21)** 2019101581 **(22)** 13.12.2019  
**(54)** System and method for information protection

**(51)** Int. Cl.  
**G06F 21/60** ( 2013.01 )  
**(45)** 23.01.2020  
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**(72)** Ma, Baoli; Zhang, Wenbin; Li, Lichun; Liu, Zheng; Yin, Shan  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101582  
**(21)** 2019101582 **(22)** 13.12.2019  
**(54)** System and method for information protection  
**(51)** Int. Cl.  
**G06F 21/60** ( 2013.01 )  
**(45)** 23.01.2020  
**(62)** 2018327218  
**(72)** Ma, Baoli; Zhang, Wenbin; Ma, Huanyu; Liu, Zheng; Cui, Jiahui  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101583  
**(21)** 2019101583 **(22)** 13.12.2019  
**(54)** Method and device for writing stored data into storage medium based on flash memory  
**(51)** Int. Cl.  
**G06F 3/06** ( 2006.01 )  
**(45)** 23.01.2020  
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**(72)** Zhang, Haipeng  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101584  
**(21)** 2019101584 **(22)** 13.12.2019  
**(54)** Operation object processing method and apparatus  
**(51)** Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
**(45)** 23.01.2020  
**(62)** 2017329937  
**(72)** Liu, Lindong  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
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**(21)** 2019101585 **(22)** 13.12.2019  
**(54)** Identity recognition method and device  
**(51)** Int. Cl.  
**H04L 29/06** ( 2006.01 )  
**G06F 16/9032** ( 2019.01 )  
**G06F 21/62** ( 2013.01 )  
**G06F 21/64** ( 2013.01 )  
**(45)** 23.01.2020  
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**(72)** Wang, Jialei  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101586  
**(21)** 2019101586 **(22)** 13.12.2019  
**(54)** Information push method and device  
**(51)** Int. Cl.  
**G06F 17/00** ( 2019.01 )

**(45)** 23.01.2020  
**(62)** 2017333190  
**(72)** He, Sanyuan  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101588  
**(21)** 2019101588 **(22)** 13.12.2019  
**(54)** Methods and devices for encoding and decoding binary data  
**(51)** Int. Cl.  
**G06F 5/00** ( 2006.01 )  
**H03M 7/00** ( 2006.01 )  
**(45)** 23.01.2020  
**(62)** 2017342863  
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**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101589  
**(21)** 2019101589 **(22)** 13.12.2019  
**(54)** System and method for information protection  
**(51)** Int. Cl.  
**G06F 21/10** ( 2013.01 )  
**(45)** 23.01.2020  
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**(72)** Ma, Huanyu; Zhang, Wenbin; Ma, Baoli; Liu, Zheng; Cui, Jiahui  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101590  
**(21)** 2019101590 **(22)** 13.12.2019  
**(54)** System and method for information protection  
**(51)** Int. Cl.  
**G06F 21/10** ( 2013.01 )  
**(45)** 23.01.2020  
**(62)** 2018347196  
**(72)** Ma, Baoli; Zhang, Wenbin  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101591  
**(21)** 2019101591 **(22)** 13.12.2019  
**(54)** System and method for information protection  
**(51)** Int. Cl.  
**G06F 21/10** ( 2013.01 )  
**(45)** 23.01.2020  
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**(72)** Cui, Jiahui; Ma, Baoli; Liu, Zheng; Zhang, Wenbin; Ma, Huanyu  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** Alibaba Group Holding Limited  
**(11)** AU-A-2019101593  
**(21)** 2019101593 **(22)** 13.12.2019  
**(54)** System and method for improving security of smart contract on blockchain  
**(51)** Int. Cl.  
**G06Q 20/06** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
**G06Q 40/00** ( 2012.01 )

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 (74) Cotters Patent & Trade Mark Attorneys

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 (21) 2019101594 (22) 13.12.2019  
 (54) Data transmission method, apparatus and system  
 (51) Int. Cl.  
*H04L 9/08* ( 2006.01 )  
*G06Q 20/08* ( 2012.01 )  
*G06Q 20/20* ( 2012.01 )  
*G06Q 20/32* ( 2012.01 )  
*G06Q 20/38* ( 2012.01 )  
*G06Q 20/40* ( 2012.01 )  
*H04L 9/14* ( 2006.01 )  
*H04L 9/30* ( 2006.01 )

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 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
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 (21) 2019101596 (22) 13.12.2019  
 (54) Scan and pay method and device utilized in mobile apparatus  
 (51) Int. Cl.  
*G06Q 20/32* ( 2012.01 )  
*G06Q 20/40* ( 2012.01 )

(45) 23.01.2020  
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 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
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 (54) System and method for information protection  
 (51) Int. Cl.  
*G06F 21/00* ( 2013.01 )  
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 (72) Zhang, Wenbin; Li, Lichun; Ma, Baoli  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
 (11) AU-A-2019101599  
 (21) 2019101599 (22) 13.12.2019  
 (54) Resource allocation method and device, and electronic payment method  
 (51) Int. Cl.  
*G06Q 20/06* ( 2012.01 )  
*G06Q 20/10* ( 2012.01 )  
*G06Q 20/36* ( 2012.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
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 (54) Currency type switching method and device  
 (51) Int. Cl.  
*G06Q 20/12* ( 2012.01 )  
*G06Q 20/22* ( 2012.01 )  
*G06Q 20/38* ( 2012.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
 (11) AU-A-2019101602  
 (21) 2019101602 (22) 16.12.2019  
 (54) Service processing method and apparatus  
 (51) Int. Cl.  
*G06Q 20/38* ( 2012.01 )  
*G06Q 40/00* ( 2012.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
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 (54) Data processing method and device  
 (51) Int. Cl.  
*H04L 29/08* ( 2006.01 )  
*G06F 16/27* ( 2019.01 )  
*H04L 9/06* ( 2006.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
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 (54) Blockchain system and data storage method and apparatus  
 (51) Int. Cl.  
*H04L 29/06* ( 2006.01 )  
*G06F 16/22* ( 2019.01 )  
*H04L 9/06* ( 2006.01 )  
*H04L 9/32* ( 2006.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys

(71) Alibaba Group Holding Limited  
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 (54) Method and apparatus for writing service data into block chain and method for determining service subset  
 (51) Int. Cl.  
*G06F 16/00* ( 2019.01 )

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 (74) Cotters Patent & Trade Mark Attorneys

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 (54) System and method for parallel-processing blockchain transactions  
 (51) Int. Cl.  
*G06F 9/46* ( 2006.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys

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 (54) Consensus system downtime recovery  
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 (51) Int. Cl.  
*G06F 11/20* ( 2006.01 )  
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 (54) Method and apparatus for processing transaction requests  
 (51) Int. Cl.  
*H04L 9/00* ( 2006.01 )  
*G06Q 20/38* ( 2012.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys

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 (54) Method, apparatus, and system for blockchain consensus  
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*G06F 9/50* ( 2006.01 )  
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(51) Int. Cl.  
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G06F 3/033 ( 2006.01 )  
G06F 3/048 ( 2006.01 )  
G06F 3/0488 ( 2013.01 )  
H04M 1/66 ( 2006.01 )  
H04M 1/667 ( 2006.01 )  
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(74) Cotters Patent & Trade Mark Attorneys
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(11) AU-A-2019101624  
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(54) DUAL-ARM ROBOT FOR SAMPLING AND DETECTING CASTING  
(51) Int. Cl.  
B25J 9/16 ( 2006.01 )  
B25J 15/00 ( 2006.01 )  
B62D 55/065 ( 2006.01 )  
G01N 21/25 ( 2006.01 )  
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(74) Madderns Pty Ltd
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- (71) Anhui University of Science and Technology  
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(54) ELECTROMAGNETIC VIBRATION VACUUM TUMBLER WITH FOUR DEGREES OF FREEDOM  
(51) Int. Cl.  
A22C 9/00 ( 2006.01 )  
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(74) Madderns Pty Ltd
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- (71) Apple Inc.  
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(54) Devices, methods, and graphical user interfaces for system-wide behavior for 3D models  
(51) Int. Cl.  
G06F 3/048 ( 2013.01 )  
G06T 19/00 ( 2011.01 )  
(45) 23.01.2020  
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(74) FPA Patent Attorneys Pty Ltd
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(54) Wireless power system  
(51) Int. Cl.  
H01F 38/14 ( 2006.01 )  
H02J 50/12 ( 2016.01 )  
H02J 50/40 ( 2016.01 )  
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(54) Avatar creation user interface  
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H04N 21/431 ( 2011.01 )  
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(74) FPA Patent Attorneys Pty Ltd
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C22C 38/40 ( 2006.01 )  
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B25B 27/08 ( 2006.01 )  
E02F 9/28 ( 2006.01 )  
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B65D 65/38 ( 2006.01 )  
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(74) A.P.T. Patent and Trade Mark Attorneys
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(74) Summit IP
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- (71) Build Tiny Pte Ltd  
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(54) BUILDING ASSEMBLY SET AND METHOD OF ASSEMBLING A BUILDING USING THE BUILDING ASSEMBLY SET  
(51) Int. Cl.

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**(74)** Dentons New Zealand Limited

**(71)** Campbell, S.  
**(11)** AU-A-2019101609  
**(21)** 2019101609 **(22)** 16.12.2019  
**(54)** A SURFBOARD  
**(51)** Int. Cl.  
**B63B 32/57** ( 2020.01 )  
**B63B 32/40** ( 2020.01 )  
**(45)** 23.01.2020  
**(72)** Campbell, Stuart Douglas  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

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**(54)** Film investing decision system based on multi-source data  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**G06N 3/02** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(45)** 23.01.2020  
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**(74)** Gloria Li

**(71)** Caprice Limited  
**(11)** AU-A-2019101646  
**(21)** 2019101646 **(22)** 19.12.2019  
**(54)** Visual Aid for Preventing Wire Strike  
**(51)** Int. Cl.  
**H02G 7/00** ( 2006.01 )  
**A01M 29/06** ( 2011.01 )  
**G05B 9/02** ( 2006.01 )  
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**(72)** DAWSON, Paul Douglas  
**(74)** Catalyst Intellectual Property

**(71)** Cartex Hoya Pty Ltd  
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**(21)** 2019101508 **(22)** 03.12.2019  
**(54)** Portable Lighting Tower  
**(51)** Int. Cl.  
**F21L 4/00** ( 2006.01 )  
**F21V 21/14** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
**(45)** 23.01.2020  
**(72)** Curran, Tony  
**(74)** Cartex Hoya Pty Ltd

**(71)** Central South University  
**(11)** AU-A-2019101531  
**(21)** 2019101531 **(22)** 06.12.2019  
**(54)** Nano-oxide/kaolin composite hemostatic antibacterial material, hemostatic healing-promoting dressing and preparation method thereof  
**(51)** Int. Cl.

**A61L 15/18** ( 2006.01 )  
**A61L 15/32** ( 2006.01 )  
**A61L 15/44** ( 2006.01 )  
**A61L 26/00** ( 2006.01 )  
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**(74)** Shelston IP Pty Ltd.

**(71)** CENTRAL SOUTH University  
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**(54)** Two-dimensional clay based composite phosphorus removing agent and preparation method and application thereof  
**(51)** Int. Cl.  
**B01J 20/12** ( 2006.01 )  
**B01D 15/20** ( 2006.01 )  
**B01J 6/00** ( 2006.01 )  
**B01J 20/04** ( 2006.01 )  
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**B01J 20/08** ( 2006.01 )  
**B01J 20/22** ( 2006.01 )  
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**C01F 17/00** ( 2006.01 )  
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**(74)** Shelston IP Pty Ltd.

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**(21)** 2019101549 **(22)** 10.12.2019  
**(54)** INSTANT ADHESIVE CONTAINER  
**(51)** Int. Cl.  
**B65D 41/04** ( 2006.01 )  
**B65D 23/00** ( 2006.01 )  
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**(74)** Madderns Pty Ltd

**(71)** Changzhou United Dental Instrument Co., Ltd.  
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**A61C 5/42** ( 2017.01 )  
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**(74)** Madderns Pty Ltd

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**(71)** China Institute of Water Resources and Hydropower Research  
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**(51)** Int. Cl.  
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**(74)** Baxter Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
**E21C 41/18** ( 2006.01 )  
**E21C 41/28** ( 2006.01 )  
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**(74)** AJ Pietras IP Limited

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**G01C 22/02** ( 2006.01 )  
**G01P 3/42** ( 2006.01 )  
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B60P 7/04 (2006.01)

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(51) Int. Cl.  
B60P 7/04 (2006.01)  
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(54) Performance, Feedback and Development Technology System  
(51) Int. Cl.  
G06Q 10/06 (2012.01)  
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(21) 2019101196

(71) Dias, N.  
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(54) A method and system for mobile device users to engage in multiple promotional campaigns by single registration  
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G07F 17/32 (2006.01)  
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(71) ECO CAR WASH - Mobile Services; Rocha da Silva, L.; Hub App Technologies  
(11) AU-A-2019101543  
(21) 2019101543 (22) 10.12.2019  
(54) The "Hub" invention, an innovative application and cutting-edge technology (Native Mobile Software App) to Android and iOS platforms, connects customers to providers of goods & services, and has been specifically designed by the Hub App Technologies for Goods & Services Pty Ltd for the provision of Goods & Services.  
(51) Int. Cl.  
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(74) Leandro Rocha da Silva

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E06C 7/18 (2006.01)  
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(54) CRYSTAL CHARACTERISTICS, PREPARATION PROCESSES AND ANTICANCER APPLICATIONS OF 17BETA-NERIIFOLIN CRYSTAL FORMS  
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B62B 3/16 ( 2006.01 )  
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A01G 7/04 ( 2006.01 )  
A01G 7/06 ( 2006.01 )  
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(74) Baxter Patent Attorneys Pty Ltd

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(54) Application of drone technology for the assessment and analysis of volumetric GPS based site contamination prior to construction to reduce risks and improve estimation of site contamination including water, hydrocarbons and other contaminants. Use of drones using key technologies to monitor, measure and plot site contamination using big data analysis to determine volumetric requirements for site decontamination in construction and environmental assessment.  
(51) Int. Cl.  
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G08G 1/09 ( 2006.01 )  
E01F 9/608 ( 2016.01 )  
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F21S 4/00 ( 2016.01 )  
G08G 1/07 ( 2006.01 )  
G08G 1/16 ( 2006.01 )  
G09F 9/302 ( 2006.01 )  
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(74) Michael Buck IP

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E04F 13/08 ( 2006.01 )  
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A01N 35/10 ( 2006.01 )

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**B27K 3/38** ( 2006.01 )  
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**(74)** Lord & Company

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**(21)** 2019101157

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 C.; Zhang, X.  
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**(51)** Int. Cl.  
**G06Q 40/02** ( 2012.01 )  
**(45)** 23.01.2020  
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 Junyi; Xiao, Chuyi; Zhang, Xinxin  
**(74)** Bi Sheng

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**(11)** AU-A-2019101529  
**(21)** 2019101529 **(22)** 06.12.2019  
**(54)** SLEEP RECORDING CHAMBER AND  
 RECORDING METHOD  
**(51)** Int. Cl.  
**A01K 1/03** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**(45)** 23.01.2020  
**(72)** ZHAO, Peng; CHAI, Gaoshang; QIAN,  
 Xiaohang; ZHONG, Haijiao; WANG,  
 Zhe  
**(74)** AJ Pietras IP Limited

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 Company Limited see Jilin University**  
**(21)** 2019101528

**(71)** Jilin University; Jilin Province TeyiFood  
 Biotechnology Company Limited  
**(11)** AU-A-2019101528  
**(21)** 2019101528 **(22)** 05.12.2019  
**(54)** ACE INHIBITORY PEPTIDE WITH  
 CELL REPAIRING, NOURISHING AND  
 ACTIVATING EFFECTS AND PREPAR-  
 ATION METHOD THEREOF  
**(51)** Int. Cl.  
**A61K 38/01** ( 2006.01 )  
**A61K 36/48** ( 2006.01 )  
**A61K 36/605** ( 2006.01 )  
**A61K 36/73** ( 2006.01 )  
**A61K 36/899** ( 2006.01 )  
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 Hao  
**(74)** W.S. Li

**(71)** Jilin University  
**(11)** AU-A-2019101539  
**(21)** 2019101539 **(22)** 09.12.2019  
**(54)** ANDROID-BASED IMAGE AND TEXT  
 INFORMATION FEEDBACK TERMIN-  
 AL SYSTEM  
**(51)** Int. Cl.  
**G06K 9/78** ( 2006.01 )  
**(31)** 201910180123.0 **(32)** 11.03.19 **(33)** CN  
**(45)** 23.01.2020  
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**(74)** AJ Pietras IP Limited

**(71)** Jinan University  
**(11)** AU-A-2019101631  
**(21)** 2019101631 **(22)** 17.12.2019  
**(54)** REAL-TIME ONLINE MONITOR-  
 ING AND SOURCE APPORTION-  
 MENT METHOD FOR ATMOSPHERIC  
 HEAVY METAL PARTICULATE  
**(51)** Int. Cl.  
**G01N 1/22** ( 2006.01 )  
**(31)** 201910349577.6 **(32)** 28.04.19 **(33)** CN  
**(45)** 23.01.2020  
**(72)** LI, Mei; WU, Mengxi; CHENG, Chunlei  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Johnson & Johnson Consumer Inc.  
**(11)** AU-A-2019101501  
**(21)** 2019101501 **(22)** 03.12.2019  
**(54)** Oral care cleaning system utilizing en-  
 trained fluid  
**(51)** Int. Cl.  
**A61C 17/02** ( 2006.01 )  
**A61C 17/028** ( 2006.01 )  
**(45)** 23.01.2020  
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 Donough, Justin; Miksa, Davide; Seo,  
 Jin; Sharma, Deepak  
**(74)** Shelston IP Pty Ltd.

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**(11)** AU-A-2019101502  
**(21)** 2019101502 **(22)** 03.12.2019  
**(54)** Oral care cleaning system utilizing en-  
 trained fluid  
**(51)** Int. Cl.  
**A61C 17/02** ( 2006.01 )  
**A61C 17/028** ( 2006.01 )  
**(45)** 23.01.2020  
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**(72)** Dorward, Brian; Fourre, Tara; Mc-  
 Donough, Justin; Miksa, Davide; Seo,  
 Jin; Sharma, Deepak  
**(74)** Shelston IP Pty Ltd.

**(71)** Joule Case Inc.  
**(11)** AU-A-2019101560  
**(21)** 2019101560 **(22)** 12.12.2019  
**(54)** Automatic transfer plug  
**(51)** Int. Cl.  
**H02J 9/06** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
**(31)** 62/910,268 **(32)** 03.10.19 **(33)** US  
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**(72)** LIVINGSTON, Alex; RITCHIE, John  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Joule Case Inc.  
**(11)** AU-A-2019101561  
**(21)** 2019101561 **(22)** 12.12.2019  
**(54)** Modularized ESS and power distribu-  
 tion system  
**(51)** Int. Cl.  
**H02J 15/00** ( 2006.01 )  
**H02J 7/34** ( 2006.01 )  
**(31)** 62/913,349 **(32)** 10.10.19 **(33)** US  
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**(72)** LIVINGSTON, Alex  
**(74)** Watermark Intellectual Property Pty Ltd

**(71)** Kankani Gamaralalage, C.  
**(11)** AU-A-2019101604  
**(21)** 2019101604 **(22)** 16.12.2019  
**(54)** Tamarind and coconut milk sauce  
**(51)** Int. Cl.  
**A23L 23/00** ( 2016.01 )  
**(45)** 23.01.2020  
**(72)** Kankani Gamaralalage, Chamari  
 Sewwandi Ariyadasa  
**(74)** Chamari Sewwandi Ariyadasa Kankani  
 Gamaralalage

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**(21)** 2019101535

**(71)** Kegspeed, LLC  
**(11)** AU-A-2019101641  
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**(54)** DISTRIBUTION NETWORK FOR  
 MONITORING, CONTROLLING AND  
 OPTIMIZING FLOW OF LIQUID  
 BEVERAGE PRODUCTS DELIVERED  
 TO CUSTOMERS VIA CONTAINERS  
**(51)** Int. Cl.  
**G06Q 10/00** ( 2006.01 )  
**G06K 7/10** ( 2006.01 )  
**G06K 17/00** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
**(45)** 23.01.2020  
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**(72)** JONES, Timothy L.  
**(74)** WRAYS PTY LTD

**(71)** KeMi Sourcing Company Limited  
**(11)** AU-A-2019101534  
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**(54)** SUPPORT DEVICE AND SUPPORT  
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**A01G 17/14** ( 2006.01 )  
**A01G 17/04** ( 2006.01 )

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**(74)** Matthias Scholl Inc.

**(71)** KUNSHAN KERSEN SCIENCE & TECHNOLOGY CO., LTD  
**(11)** AU-A-2019101681  
**(21)** 2019101681 **(22)** 23.12.2019  
**(54)** PRECISION PIECE DETECTION APPARATUS  
**(51)** Int. Cl.  
**G01B 11/26** ( 2006.01 )  
**(45)** 23.01.2020  
**(62)** PCT/CN2017/099229  
**(72)** ZHU, Lei; CAI, Chenglin; HE, Zhongwei  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Ladson, N.  
**(11)** AU-A-2019101467  
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**(54)** DOUBLE WATER TAP FITTING  
**(51)** Int. Cl.  
**F16K 11/08** ( 2006.01 )  
**E03C 1/02** ( 2006.01 )  
**(45)** 23.01.2020  
**(72)** Ladson, Norman  
**(74)** David Shanks & Associates

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**(11)** AU-A-2019101633  
**(21)** 2019101633 **(22)** 17.12.2019  
**(54)** A pneumatic blood drawing device  
**(51)** Int. Cl.  
**A61B 17/135** ( 2006.01 )  
**(45)** 23.01.2020  
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**(74)** Sze Yuen Danny Chan

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**(51)** Int. Cl.  
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**(72)** Leung, Yan Shun; Leung, Lok Shun  
**(74)** Shelston IP Pty Ltd.

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**(21)** 2019101184

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**(21)** 2019101197

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**(54)** HIGH VISIBILITY GARMENT  
**(51)** Int. Cl.  
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**(72)** Bulte, Graeme Noel  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Moiescu, M.  
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**(51)** Int. Cl.  
**E04F 10/00** ( 2006.01 )  
**E04B 7/02** ( 2006.01 )  
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**(72)** Moiescu, Mihnea Alexandru  
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**(51)** Int. Cl.  
**B23Q 17/22** ( 2006.01 )  
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**(54)** INTELLIGENT MULTI-STATION PROFILE BENDING WORKTABLE  
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**(72)** Zhong, Yunfeng; Zhu, Nengbing; Ni, Min  
**(74)** Wilma Kin

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**(54)** A vented tube for use in the packaging of powdery or granular products  
**(51)** Int. Cl.  
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**(45)** 23.01.2020  
**(72)** Shroff, Viren  
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**(71)** ORANGE HARDWARE COMPANY  
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**(54)** DUAL-MODE BOX CUTTER CONVENIENT  
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**B26B 5/00** ( 2006.01 )  
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**(72)** Huang, Tien-Yu  
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**(71)** Orbis Mining Pty Ltd  
**(11)** AU-A-2019101547  
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**(54)** Crushing of core samples  
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**(72)** Hunting, Bradley James  
**(74)** Armour IP Pty Ltd

**(71)** OXTI CORPORATION  
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**(54)** SUPPORT ARM COVER STRUCTURE  
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(74) Davies Collison Cave Pty Ltd

(71) Puzhen Life Co. Limited  
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(74) Michael Buck IP

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(54) FOOD COVER SUPPORT APPARATUS  
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(54) J Stream  
(51) Int. Cl.

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**(11)** AU-A-2019101255  
**(21)** 2019101255 **(22)** 16.10.2019  
**(54)** A polymer compound with a resin compound same colour or various colours, illuminated or non illuminated, with the objective to shape by machine routing, laser cutting and or additional dimensional forming for the purpose of creating a signage branding product.  
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**C08L 33/08** ( 2006.01 )  
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**(72)** Power, Darrin  
**(74)** SIGNPOWER (AUST) PTY. LTD.
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**(51)** Int. Cl.  
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**E06B 1/60** ( 2006.01 )  
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**(72)** Griep, Peter Johannes  
**(74)** COOPER IP PTY. LTD.
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**(51)** Int. Cl.  
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**(74)** Madderns Pty Ltd
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**G01N 15/08** ( 2006.01 )  
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**(51)** Int. Cl.  
**H02J 3/00** ( 2006.01 )  
**G06Q 10/06** ( 2012.01 )  
**G06Q 50/06** ( 2012.01 )  
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**(51)** Int. Cl.  
**H04W 16/00** ( 2009.01 )  
**H04W 16/02** ( 2009.01 )  
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**(51)** Int. Cl.  
**G06N 20/00** ( 2019.01 )  
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**G06F 16/951** ( 2019.01 )  
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**(21)** 2019101644
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**(11)** AU-A-2019101522  
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**(54)** Convertible utility knife  
**(51)** Int. Cl.  
**B26B 1/08** ( 2006.01 )  
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**(45)** 23.01.2020  
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**(74)** Griffith Hack
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**(54)** Drywall taping tool  
**(51)** Int. Cl.  
**B65H 35/06** ( 2006.01 )  
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**(54)** A digitized illumination control method and control circuit system thereof  
**(51)** Int. Cl.  
**H05B 33/08** ( 2006.01 )  
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*G06Q 50/08* ( 2012.01 )  
*G06Q 10/06* ( 2012.01 )  
 (45) 23.01.2020  
 (72) WU, DESHENG; KARAMOOZIAN, AMIRHOSSEIN; BIAN, YUAN  
 (74) DESHENG WU

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Xiao, Z. see Sun, H.  
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Xiao, C. see Jiang, S.

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

(21) 2019101189

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(21) 2019101184 (22) 02.10.2019

(54) Precision Medication of Tacrolimus Based on the Genotype by Using Second-generation Sequencing

(51) Int. Cl.

**G16B 20/20** ( 2019.01 )

**C12Q 1/68** ( 2018.01 )

(45) 23.01.2020

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(74) Gloria Li

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(21) 2019101196

(71) XNOVA PTY LTD

(11) AU-A-2019101557

(21) 2019101557 (22) 11.12.2019

(54) Lighting system

(51) Int. Cl.

**G03H 1/04** ( 2006.01 )

**G03H 1/00** ( 2006.01 )

**G03H 1/22** ( 2006.01 )

(31) 2018904749 (32) 14.12.18 (33) AU

(45) 23.01.2020

(72) Trakic, Adnan; Trakic, Sandra

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(51) Int. Cl.

**A61B 5/053** ( 2006.01 )

**A61N 1/36** ( 2006.01 )

**G06F 3/01** ( 2006.01 )

**G09B 19/00** ( 2006.01 )

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(54) A Credit Reporting Evaluation System Based on Mixed Machine Learning

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**G06Q 30/06** ( 2012.01 )

**G06N 20/00** ( 2019.01 )

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(74) Bi Sheng

(71) Xuzhou Institute of Technology

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(21) 2019101580 (22) 13.12.2019

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**F15B 3/00** ( 2006.01 )

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(74) Madderns Pty Ltd

**Yan, X. see Xu, W.**

(21) 2019101194

**YAN, A. see ZHAO, T.**

(21) 2019101464

**Ye, P. see Sun, H.**

(21) 2019101157

**Yin, B. see Xu, W.**

(21) 2019101194

**YOU, Q. see SUI, D.**

(21) 2019101463

(71) ZED7 PTY LIMITED

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**G16H 10/60** ( 2018.01 )

**G06Q 50/10** ( 2012.01 )

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**A61B 5/16** ( 2006.01 )

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**Zhang, X. see Jiang, S.**

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**G06Q 40/02** ( 2012.01 )

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(51) Int. Cl.

**B01J 27/26** ( 2006.01 )

**B01J 31/06** ( 2006.01 )

**C01C 3/12** ( 2006.01 )

(45) 23.01.2020

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**Zhou, Y. see Guo, Z.**

(21) 2019101186

**ZHUO, F. see XU, R.**

(21) 2019100968

Numerical Index

<b>2014101658</b>	Moana Group Pty Ltd	<b>2019101528</b>	Jilin University; Jilin Province TeyiFood Biotechnology Company Limited
<b>2015101977</b>	Ellumination Pty Ltd	<b>2019101529</b>	JIANGNAN UNIVERSITY
<b>2016102427</b>	Crisp, S.; Crisp, G.	<b>2019101531</b>	Central South University
<b>2016102432</b>	UlikeKorea Co., Inc	<b>2019101533</b>	Bolderoff, S.
<b>2016102434</b>	Azure 101 Pty Ltd	<b>2019101534</b>	KeMi Sourcing Company Limited
<b>2018102152</b>	Leung, Y.	<b>2019101535</b>	WU, D.; KARAMOOZIAN, A.
<b>2019100968</b>	XU, R.; GUO, W.; CHEN, J.; TU, Y.; ZHUO, F.; HOU, K.	<b>2019101536</b>	Dal Santo, J.
<b>2019101151</b>	Zhang, H.; Chen, K.; Jiang, J.; Ma, Y.; Wang, Y.	<b>2019101537</b>	Harmer, S.
<b>2019101157</b>	Sun, H.; Jiang, Y.; Liu, J.; Xiao, Z.; Xie, Y.; Ye, P.	<b>2019101538</b>	Moore-Gilbert, G.
<b>2019101182</b>	Wen, H.; Feng, Y.; Han, M.; Huang, F.; Li, X.; Wang, Z.	<b>2019101539</b>	Jilin University
<b>2019101184</b>	Xie, J.; Chen, Y.; Li, Y.; Lu, H.; Wang, M.; Xu, Z.	<b>2019101540</b>	Institute of Chemical Industry of Forest Products Chinese Academy of Forestry
<b>2019101185</b>	Xu, X.; Li, F.; Shao, X.; Sun, S.; Wang, W.	<b>2019101541</b>	GUANGDONG WIREKING HOUSEWARES AND HARDWARE CO., LTD.
<b>2019101186</b>	Guo, Z.; Jia, D.; Wang, Z.; Wu, J.; Zhou, Y.	<b>2019101542</b>	ECONOMOU, G.
<b>2019101188</b>	Wang, W.; Guo, Y.; Long, L.	<b>2019101543</b>	ECO CAR WASH - Mobile Services; Rocha da Silva, L.; Hub App Technologies
<b>2019101189</b>	Jiang, S.; Han, M.; Li, Z.; Ren, J.; Xiao, C.; Zhang, X.	<b>2019101544</b>	Energy Revolution Co., Ltd.
<b>2019101194</b>	Xu, W.; Chen, Y.; Li, J.; Wang, S.; Yan, X.; Yin, B.	<b>2019101545</b>	O.E. & D.R. POPE PTY LTD
<b>2019101196</b>	Wang, B.; Deng, H.; Xiong, X.	<b>2019101546</b>	Changzhou United Dental Medical Instrument Co., Ltd.
<b>2019101197</b>	Zhang, H.; Gong, H.; Hu, H.; Liu, Y.; Liu, Y.; Zhang, Z.	<b>2019101547</b>	Orbis Mining Pty Ltd
<b>2019101216</b>	ZHUNIPHARM HEALTHY MANUFACTURING CO. LIM- ITED	<b>2019101548</b>	OXTI CORPORATION
<b>2019101221</b>	Cao, Q.; Feng, D.; Liang, J.; Lu, Y.	<b>2019101549</b>	Chan, Y.
<b>2019101255</b>	SIGNPOWER (AUST) PTY. LTD.	<b>2019101551</b>	Beta (Shenzhen) Package Products Co., Ltd
<b>2019101275</b>	QIAN, S.	<b>2019101554</b>	Arpel, I.
<b>2019101318</b>	Build Tiny Pte Ltd	<b>2019101557</b>	XNOVA PTY LTD
<b>2019101368</b>	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	<b>2019101558</b>	Alibaba Group Holding Limited
<b>2019101410</b>	VRTY PTY LTD	<b>2019101559</b>	Alibaba Group Holding Limited
<b>2019101437</b>	Harrison, D.	<b>2019101560</b>	Joule Case Inc.
<b>2019101438</b>	China Institute of Water Resources and Hydropower Research	<b>2019101561</b>	Joule Case Inc.
<b>2019101441</b>	Tomorrowlabs GmbH	<b>2019101562</b>	Alibaba Group Holding Limited
<b>2019101446</b>	Southwest University	<b>2019101563</b>	Alibaba Group Holding Limited
<b>2019101463</b>	SUI, D.; LI, S.; YOU, Q.	<b>2019101564</b>	Alibaba Group Holding Limited
<b>2019101464</b>	ZHAO, T.; YAN, A.	<b>2019101565</b>	Alibaba Group Holding Limited
<b>2019101467</b>	Ladson, N.	<b>2019101566</b>	Alibaba Group Holding Limited
<b>2019101469</b>	Qilu University of Technology	<b>2019101567</b>	Alibaba Group Holding Limited
<b>2019101477</b>	Beijing National Innovation Institute of Lightweight Ltd.	<b>2019101568</b>	Alibaba Group Holding Limited
<b>2019101478</b>	Beijing National Innovation Institute of Lightweight Ltd.	<b>2019101569</b>	Alibaba Group Holding Limited
<b>2019101484</b>	Rajan, R.	<b>2019101570</b>	Alibaba Group Holding Limited
<b>2019101485</b>	Puzhen Life Co. Limited	<b>2019101571</b>	HUNTSMAN CHEMICAL COMPANY AUSTRALIA PTY LIMITED
<b>2019101488</b>	Beltor Engineering Pty Ltd	<b>2019101572</b>	Alibaba Group Holding Limited
<b>2019101494</b>	Tjandra, S.	<b>2019101573</b>	Hangzhou Laihe Biotech Co., Ltd
<b>2019101498</b>	Nanjing Hanmingzhi Intelligent Technology Co.Ltd.	<b>2019101574</b>	Alibaba Group Holding Limited
<b>2019101500</b>	Southwest University	<b>2019101575</b>	Alibaba Group Holding Limited
<b>2019101501</b>	Johnson & Johnson Consumer Inc.	<b>2019101579</b>	Alibaba Group Holding Limited
<b>2019101502</b>	Johnson & Johnson Consumer Inc.	<b>2019101580</b>	Xuzhou Institute of Technology
<b>2019101503</b>	Southwest University	<b>2019101581</b>	Alibaba Group Holding Limited
<b>2019101505</b>	Sidhu, J.	<b>2019101582</b>	Alibaba Group Holding Limited
<b>2019101506</b>	Aero-Tech Pty Ltd	<b>2019101583</b>	Alibaba Group Holding Limited
<b>2019101508</b>	Cartex Hoya Pty Ltd	<b>2019101584</b>	Alibaba Group Holding Limited
<b>2019101509</b>	EAGLE PLUS TECHNOLOGY PTY LTD	<b>2019101585</b>	Alibaba Group Holding Limited
<b>2019101511</b>	Ruyuan Yao Autonomous County Dongyangguang Formed Foil Co., Ltd.; Dongguan Dongyangguang Tech R&D Co., Ltd.	<b>2019101586</b>	Alibaba Group Holding Limited
<b>2019101512</b>	Advanced Substructures Ltd	<b>2019101587</b>	Fleming, I.
<b>2019101518</b>	Guangzhou Cane Sugar Industry Research Institute Hainan Sugarcane Breeding Farm	<b>2019101588</b>	Alibaba Group Holding Limited
<b>2019101519</b>	Vucic, P.	<b>2019101589</b>	Alibaba Group Holding Limited
<b>2019101520</b>	Southwest University	<b>2019101590</b>	Alibaba Group Holding Limited
<b>2019101521</b>	ORANGE HARDWARE COMPANY	<b>2019101591</b>	Alibaba Group Holding Limited
<b>2019101522</b>	Techtronic Cordless GP	<b>2019101592</b>	Proof & Company Spirits Pte. Ltd.
<b>2019101523</b>	CENTRAL SOUTH University	<b>2019101593</b>	Alibaba Group Holding Limited
<b>2019101524</b>	Tropical Crops Genetic Resources Institute, Chinese Academy of Tropical Agricultural Sciences; Hainan Uni- versity	<b>2019101594</b>	Alibaba Group Holding Limited
<b>2019101525</b>	Techtronic Cordless GP	<b>2019101596</b>	Alibaba Group Holding Limited
<b>2019101526</b>	Dias, N.	<b>2019101597</b>	Apple Inc.
<b>2019101527</b>	OZDOCS INTERNATIONAL PTY LTD	<b>2019101598</b>	Alibaba Group Holding Limited
		<b>2019101599</b>	Alibaba Group Holding Limited
		<b>2019101601</b>	Alibaba Group Holding Limited
		<b>2019101602</b>	Alibaba Group Holding Limited

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

2019101603	Alibaba Group Holding Limited
2019101604	Kankani Gamaralalage, C.
2019101605	Alibaba Group Holding Limited
2019101606	Alibaba Group Holding Limited
2019101607	Alibaba Group Holding Limited
2019101608	Seymour, C.; Seymour, L.
2019101609	Campbell, S.
2019101610	Alibaba Group Holding Limited
2019101611	Couplemate Investments Pty Ltd
2019101612	Alibaba Group Holding Limited
2019101613	Alibaba Group Holding Limited
2019101614	Alibaba Group Holding Limited
2019101615	Apple Inc.
2019101616	Southwest Petroleum University; Chengdu Lingzhuang Technology Co., Ltd
2019101617	ZED7 PTY LIMITED
2019101624	Anhui University of Science and Technology
2019101625	Moisescu, M.
2019101626	Fraser, M.
2019101627	PORTAGRID SYSTEMS PTY LTD
2019101628	Sill Design Pty Ltd.
2019101631	Jinan University
2019101633	LAU, C.Y.
2019101635	Shandong Jianzhu University
2019101638	China University of Mining and Technology, Beijing
2019101641	Kegspeed, LLC
2019101642	Downing, N.
2019101643	Southwest Petroleum University
2019101644	Shirra, A.; Sylaidis, A.
2019101646	Caprice Limited
2019101647	DAIP PTY. LTD.
2019101648	DAIP PTY. LTD.
2019101650	Enzhi (Guangzhou) Pharmaceuticals Limited.; En- zynomics (H.K.) Limited.; Foshan Intelgen Pharmaceut- ical Co. Ltd.
2019101658	Qingdao Agricultural University
2019101660	Anhui University of Science and Technology
2019101665	Alibaba Group Holding Limited
2019101667	Apple Inc.
2019101675	Huntley, S.
2019101681	KUNSHAN KERSEN SCIENCE & TECHNOLOGY CO., LTD

IPC Index

<b><u>A01D 69 /-</u></b>	<b><u>A47G 19 /-</u></b>	<b><u>B01J 31 /-</u></b>	<b><u>B63B 32 /-</u></b>	<b><u>C07J 19 /-</u></b>	2019101571
2019101368	2019101644	2019101464	2019101609	2019101650	<b><u>E04B 2 /-</u></b>
<b><u>A01G 17 /-</u></b>	<b><u>A47L 11 /-</u></b>	<b><u>B01J 6 /-</u></b>	<b><u>B65B 51 /-</u></b>	<b><u>C07K 4 /-</u></b>	2019101318
2019101534	2019101506	2019101523	2019101525	2019101528	<b><u>E04B 7 /-</u></b>
<b><u>A01G 22 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>B02C 1 /-</u></b>	<b><u>B65B 61 /-</u></b>	<b><u>C08L 33 /-</u></b>	2019101625
2019101518	2019101633	2019101547	2019101644	2019101255	<b><u>E04F 10 /-</u></b>
<b><u>A01G 25 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>B02C 2 /-</u></b>	<b><u>B65D 23 /-</u></b>	<b><u>C12Q 1 /-</u></b>	2019101625
2019101505	2016102432	2019101547	2019101549	2019101184	<b><u>E04F 13 /-</u></b>
<b><u>A01G 7 /-</u></b>	2019101151	<b><u>B21D 7 /-</u></b>	<b><u>B65D 33 /-</u></b>	2019101185	2019101571
2019101518	2019101194	2019101498	2019101545	<b><u>C22C 38 /-</u></b>	<b><u>E04H 1 /-</u></b>
<b><u>A01K 1 /-</u></b>	2019101529	<b><u>B23K 37 /-</u></b>	<b><u>B65D 39 /-</u></b>	2019101478	2019101625
2019101529	2019101502	2019101538	2019101549	<b><u>C23C 24 /-</u></b>	<b><u>E05B 47 /-</u></b>
<b><u>A01K 11 /-</u></b>	<b><u>A61C 5 /-</u></b>	<b><u>B23Q 17 /-</u></b>	<b><u>B65D 41 /-</u></b>	2019101477	2018102152
2016102432	2019101546	2019101538	2019101549	2019101478	<b><u>E06B 1 /-</u></b>
<b><u>A01M 29 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>B25B 27 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>D06M 13 /-</u></b>	2019101628
2019101646	2019101441	2019101488	2019101551	2019101469	<b><u>D21H 17 /-</u></b>
<b><u>A01N 35 /-</u></b>	<b><u>A61K 36 /-</u></b>	<b><u>B25J 15 /-</u></b>	2019101644	<b><u>D21H 21 /-</u></b>	<b><u>E06C 1 /-</u></b>
2019101540	2019101528	2019101624	<b><u>B65D 81 /-</u></b>	2019101469	2019101275
<b><u>A01P 3 /-</u></b>	<b><u>A61K 38 /-</u></b>	<b><u>B25J 9 /-</u></b>	2019101592	<b><u>D21H 21 /-</u></b>	<b><u>E06C 7 /-</u></b>
2019101540	2019101528	2019101624	<b><u>B65D 85 /-</u></b>	2019101469	2019101542
<b><u>A22C 5 /-</u></b>	<b><u>A61L 15 /-</u></b>	<b><u>B26B 1 /-</u></b>	2019101644	<b><u>E01F 9 /-</u></b>	<b><u>E21C 41 /-</u></b>
2019101660	2019101531	2019101522	<b><u>B65H 35 /-</u></b>	2019101675	2019101638
<b><u>A22C 9 /-</u></b>	<b><u>A61L 26 /-</u></b>	<b><u>B26B 5 /-</u></b>	2019101525	<b><u>E01H 1 /-</u></b>	<b><u>F15B 13 /-</u></b>
2019101660	2019101531	2019101521	<b><u>B67D 1 /-</u></b>	2019101506	2019101580
<b><u>A23G 3 /-</u></b>	<b><u>A61N 1 /-</u></b>	<b><u>B27K 3 /-</u></b>	2019101592	<b><u>E01H 15 /-</u></b>	<b><u>F15B 3 /-</u></b>
2019101216	2019101194	2019101540	<b><u>C01C 3 /-</u></b>	2019101506	2019101580
<b><u>A23K 30 /-</u></b>	<b><u>A61P 17 /-</u></b>	<b><u>B60J 7 /-</u></b>	2019101464	<b><u>E02D 17 /-</u></b>	<b><u>F16K 11 /-</u></b>
2019101524	2019101441	2019101648	<b><u>C01F 17 /-</u></b>	2019101512	2019101467
<b><u>A23K 50 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B60P 7 /-</u></b>	2019101523	<b><u>E02D 5 /-</u></b>	<b><u>F16M 11 /-</u></b>
2019101524	2019101528	2019101647	<b><u>C02F 1 /-</u></b>	2019101438	2019101548
<b><u>A23L 23 /-</u></b>	<b><u>B01D 15 /-</u></b>	2019101648	2019101196	<b><u>E02F 9 /-</u></b>	<b><u>F21L 4 /-</u></b>
2019101604	2019101523	<b><u>B60R 9 /-</u></b>	2019101505	2019101488	2019101508
<b><u>A41D 1 /-</u></b>	<b><u>B01J 20 /-</u></b>	2019101533	2019101523	<b><u>E03C 1 /-</u></b>	<b><u>F21S 4 /-</u></b>
2014101658	2019101523	<b><u>B62B 3 /-</u></b>	<b><u>C02F 9 /-</u></b>	2019101467	2019101675
<b><u>A41G 1 /-</u></b>	<b><u>B01J 27 /-</u></b>	2019101541	2019101196	<b><u>E03D 9 /-</u></b>	<b><u>F21S 9 /-</u></b>
2019101608	2019101464	<b><u>B62D 55 /-</u></b>	<b><u>C05C 1 /-</u></b>	2016102427	2015101977
		2019101624	2019101658	<b><u>E04B 1 /-</u></b>	<b><u>F21V 21 /-</u></b>
				2019101318	2019101508

Innovation Patents Open to Public Inspection - IPC Index cont'd

<b><u>F21W 131 /-</u></b>	<b><u>G06F 12 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>G06Q 90 /-</u></b>	<b><u>H01R 33 /-</u></b>	<b><u>H04M 1 /-</u></b>
2015101977	2019101562	2019100968	2019101484	2019101485	2019101572
<b><u>F25B 13 /-</u></b>	<b><u>G06F 15 /-</u></b>	2019101221	<b><u>G06Q 99 /-</u></b>	<b><u>H02G 7 /-</u></b>	2019101665
2019101437	2019101446	2019101446	2019101565	2019101646	<b><u>H04N 13 /-</u></b>
<b><u>F28C 1 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G06T 19 /-</u></b>	<b><u>H02J 15 /-</u></b>	2019101410
2019101544	2019101463	2019101186	2019101597	2019101561	<b><u>H04N 21 /-</u></b>
<b><u>F28F 25 /-</u></b>	2019101563	2019101221	<b><u>G06T 7 /-</u></b>	<b><u>H02J 3 /-</u></b>	2019101667
2019101544	2019101570	2019101509	2019101563	2019101500	<b><u>H04W 16 /-</u></b>
<b><u>G01B 11 /-</u></b>	2019101585	<b><u>G06N 5 /-</u></b>	<b><u>G07F 17 /-</u></b>	<b><u>H02J 50 /-</u></b>	2019101503
2019101681	2019101603	<b><u>G06Q 10 /-</u></b>	2019101526	2019101615	<b><u>H04W 8 /-</u></b>
<b><u>G01B 21 /-</u></b>	2019101605	<b><u>G06Q 20 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>H02J 7 /-</u></b>	2019101568
2019101537	2019101606	2019101157	2019101675	2019101508	<b><u>H05B 33 /-</u></b>
<b><u>G01B 5 /-</u></b>	<b><u>G06F 17 /-</u></b>	2019101500	<b><u>G09B 19 /-</u></b>	2019101560	2019101494
2019101616	2019101520	2019101519	2019101194	2019101561	<b><u>No IPC Mark</u></b>
2019101635	2019101559	2019101535	<b><u>G09B 29 /-</u></b>	<b><u>H02J 9 /-</u></b>	
<b><u>G01C 22 /-</u></b>	2019101586	2019101536	2019101527	2019101560	
2019101611	<b><u>G06F 21 /-</u></b>	2019101626	<b><u>G09F 13 /-</u></b>	<b><u>H02S 10 /-</u></b>	
<b><u>G01N 1 /-</u></b>	2019101581	2019101641	2019101642	2019101627	
2019101631	2019101582	<b><u>G06Q 20 /-</u></b>	<b><u>G09F 7 /-</u></b>	<b><u>H02S 20 /-</u></b>	
<b><u>G01N 15 /-</u></b>	2019101585	2019101157	2019101642	2019101627	
2019101643	2019101587	2019101562	<b><u>G09F 9 /-</u></b>	<b><u>H02S 30 /-</u></b>	
<b><u>G01N 21 /-</u></b>	2019101589	2019101566	2019101675	2019101627	
2019101624	2019101590	2019101567	<b><u>G16B 20 /-</u></b>	<b><u>H03B 19 /-</u></b>	
<b><u>G01N 33 /-</u></b>	2019101591	2019101568	2019101184	2019101188	
2019101573	2019101598	2019101587	2019101185	2019101188	
<b><u>G01P 3 /-</u></b>	2019101610	2019101593	<b><u>G16H 10 /-</u></b>	<b><u>H03M 7 /-</u></b>	
2019101611	<b><u>G06F 3 /-</u></b>	2019101594	2019101617	2019101588	
<b><u>G03H 1 /-</u></b>	2019101194	2019101596	<b><u>G16H 50 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2019101557	2019101410	2019101599	2016102432	2019101568	
<b><u>G05B 9 /-</u></b>	2019101558	2019101601	<b><u>H01F 38 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2019101646	2019101588	2019101602	2019101615	2019101562	
<b><u>G05D 1 /-</u></b>	2019101572	2019101613	<b><u>H01G 9 /-</u></b>	2019101563	
2019101537	2019101583	<b><u>G06Q 30 /-</u></b>	2019101511	2019101579	
<b><u>G05F 1 /-</u></b>	2019101584	2019100968	<b><u>H01L 31 /-</u></b>	2019101585	
2015101977	2019101597	2019101221	2015101977	2019101603	
<b><u>G06F 11 /-</u></b>	2019101665	2019101543	<b><u>H01R 11 /-</u></b>	2019101605	
2019101574	2019101667	2019101569	2019101485	2019101613	
2019101575	<b><u>G06F 5 /-</u></b>	2019101626			
2019101612	2019101588	<b><u>G06Q 40 /-</u></b>			
	<b><u>G06F 9 /-</u></b>	2019101157			
	2019101607	2019101182			
	2019101614	2019101189			
	<b><u>G06K 17 /-</u></b>	2019101197			
	2019101641	2019101509			
	<b><u>G06K 7 /-</u></b>	2019101593			
	2019101641	2019101602			
	<b><u>G06K 9 /-</u></b>	<b><u>G06Q 50 /-</u></b>			
	2019101641	2016102432			
	2019101186	2016102434			
	2019101539	2019101484			
		2019101500			
		2019101535			
		2019101554			
		2019101617			

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

<p>(71) 3D Glass Solutions, Inc.                      (11) AU-A-2018297035                      (21) 2018297035 (22) 27.06.2018                      (54) 2D and 3D RF lumped element devices for RF system in a package photoactive glass substrates                      (51) Int. Cl.  <i>H03H 1/00</i> ( 2006.01 )  <i>C03C 15/00</i> ( 2006.01 )  <i>H01L 23/08</i> ( 2006.01 )  <i>H01L 23/66</i> ( 2006.01 )                      (87) WO2019/010045                      (31) 62/529,990 (32) 07.07.17 (33) US                      (43) 10.01.2019                      (72) FLEMMING, Jeb, H.; BULLINGTON, Jeff; MCWETHY, Kyle                      (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(31) 62/521,226 (32) 16.06.17 (33) US                      62/558,806 14.09.17 US                      62/626,129 04.02.18 US                      (43) 20.12.2018                      (72) EL KHOLY, Sherif M.; ABOU-SAYED, Omar; MOHAMED, Ibrahim M.; ABOU-SAYED, Ahmed                      (74) Spruson &amp; Ferguson</p>	<p>(51) Int. Cl.  <i>C07D 317/40</i> ( 2006.01 )  <i>A61K 9/50</i> ( 2006.01 )  <i>A61K 31/197</i> ( 2006.01 )                      (87) WO2018/232407                      (31) 62/521,328 (32) 16.06.17 (33) US                      (43) 20.12.2018                      (72) REICHENBERGER, Patrick; ZYKOVICH, Artem                      (74) Phillips Ormonde Fitzpatrick</p>
<p>(71) 3M Innovative Properties Company                      (11) AU-A-2018290793                      (21) 2018290793 (22) 26.06.2018                      (54) Adhesive mounting devices having patterned adhesive regions                      (51) Int. Cl.  <i>F16B 47/00</i> ( 2006.01 )  <i>F16B 11/00</i> ( 2006.01 )                      (87) WO2019/005831                      (31) 62/526,200 (32) 28.06.17 (33) US                      (43) 03.01.2019                      (72) HOFFMAN, Joseph A.; SHERIDAN, Margaret M.; THOMPSON, Craig D.; KRULL, Brett P.; RUNGE, Michael B.                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Alcon Inc.                      (11) AU-A-2018313034                      (21) 2018313034 (22) 10.07.2018                      (54) Self-illuminating microsurgical cannula device                      (51) Int. Cl.  <i>A61B 17/34</i> ( 2006.01 )  <i>A61B 90/92</i> ( 2016.01 )  <i>A61F 9/007</i> ( 2006.01 )                      (87) WO2019/030587                      (31) 62/542,902 (32) 09.08.17 (33) US                      (43) 14.02.2019                      (72) ANDERSON, Joshua; CHON, James Y.; FARLEY, Mark Harrison; HALLEN, Paul R.                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) American Traffic Solutions, Inc.                      (11) AU-A-2018290801                      (21) 2018290801 (22) 26.06.2018                      (54) Vehicle location tracking systems and methods                      (51) Int. Cl.  <i>G08G 1/133</i> ( 2006.01 )  <i>G06K 19/07</i> ( 2006.01 )                      (87) WO2019/005839                      (31) 62/525,449 (32) 27.06.17 (33) US                      (43) 03.01.2019                      (72) RIVERA, Jason A.; FOX, Jason A.; GRIMWOOD, David                      (74) Griffith Hack</p>
<p>(71) Adeka Corporation                      (11) AU-A-2019284093                      (21) 2019284093 (22) 28.01.2019                      (54) Particulate nucleating agent, resin composition, molded product, and production method thereof                      (51) Int. Cl.  <i>C08F 10/06</i> ( 2006.01 )                      (31) 2018-127626 (32) 04.07.18 (33) JP                      (43) 23.01.2020                      (72) Fukuda, Takuya; Yokota, Yuri                      (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Alfa Laval Corporate AB                      (11) AU-A-2018298281                      (21) 2018298281 (22) 12.06.2018                      (54) Reduction of the content of glycidyl esters in edible oils                      (51) Int. Cl.  <i>A23L 5/20</i> ( 2016.01 )  <i>A23D 9/02</i> ( 2006.01 )  <i>C11B 3/10</i> ( 2006.01 )                      (87) WO2019/007641                      (31) 17179283.1 (32) 03.07.17 (33) EP                      (43) 10.01.2019                      (72) SARUP, Bent                      (74) Watermark Intellectual Property Pty Ltd</p>	<p>(71) Amgen Inc.; Cytokinetics, Inc.                      (11) AU-A-2018290983                      (21) 2018290983 (22) 29.06.2018                      (54) Methods of treating heart failure with cardiac sarcomere activators                      (51) Int. Cl.  <i>A61K 31/496</i> ( 2006.01 )  <i>A61P 9/04</i> ( 2006.01 )                      (87) WO2019/006235                      (31) 62/527,983 (32) 30.06.17 (33) US                      (43) 03.01.2019                      (72) HONARPOUR, Narimon; FADY, Malik                      (74) Spruson &amp; Ferguson</p>
<p>(71) Advantek Waste Management Services, LLC                      (11) AU-A-2018285940                      (21) 2018285940 (22) 18.06.2018                      (54) Optimizing waste slurry disposal in fractured injection operations                      (51) Int. Cl.  <i>E21B 43/26</i> ( 2006.01 )  <i>E21B 43/17</i> ( 2006.01 )                      (87) WO2018/232419</p>	<p>(71) Alibaba Group Holding Limited                      (11) AU-A-2018327217                      (21) 2018327217 (22) 29.06.2018                      (54) Managing services associated with URL-based two-dimensional codes                      (51) Int. Cl.  <i>H04L 29/00</i> ( 2006.01 )                      (43) 23.01.2020                      (72) Zheng, Ji; Lu, Tianshun; Sun, Xi; Pan, Yong; Zheng, Qiaojian; Feng, Jiaqi                      (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Amicus Therapeutics, Inc.                      (11) AU-A-2018277756                      (21) 2018277756 (22) 30.05.2018                      (54) Methods of treating fabry patients having renal impairment                      (51) Int. Cl.  <i>A61K 31/445</i> ( 2006.01 )  <i>A61P 13/12</i> ( 2006.01 )                      (87) WO2018/222655                      (31) 62/626,953 (32) 06.02.18 (33) US                      15/992,336 30.05.18 US                      62/512,458 30.05.17 US                      (43) 06.12.2018                      (72) Castelli, Jeff                      (74) Dark IP</p>
<p>(71) AltBio, Inc.                      (11) AU-A-2018285927                      (21) 2018285927 (22) 18.06.2018                      (54) Modified-release tiopronin compositions, kits and methods for treating cystinuria and related disorders</p>	<p>(71) Anavex Life Sciences Corp.                      (11) AU-A-2017418247                      (21) 2017418247 (22) 14.06.2017</p>	<p></p>

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

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 (51) Int. Cl.  
**A61K 31/341** ( 2006.01 )  
**A61K 31/13** ( 2006.01 )  
**A61K 31/27** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
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**A61P 25/28** ( 2006.01 )  
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 (54) Mounting rail  
 (51) Int. Cl.  
**E04F 13/26** ( 2006.01 )  
**E04F 13/08** ( 2006.01 )  
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 (54) High throughput fractionated satellites for direct connectivity with end user devices and terminals using flight formations of small or very small satellites  
 (51) Int. Cl.  
**B64G 1/22** ( 2006.01 )  
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 (74) Cotters Patent & Trade Mark Attorneys
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- (71) Astellas Pharma Inc.  
 (11) AU-A-2018296644  
 (21) 2018296644 (22) 06.07.2018  
 (54) Novel anti-human CEACAM5 antibody Fab fragment  
 (51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**C07K 1/13** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
**C12N 1/19** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
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- (71) Avent, Inc.  
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 (21) 2017422386 (22) 06.07.2017  
 (54) Priming system for infusion devices  
 (51) Int. Cl.  
**A61M 39/22** ( 2006.01 )  
**A61M 5/14** ( 2006.01 )  
**A61M 39/24** ( 2006.01 )  
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**G06F 16/00** ( 2019.01 )  
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**F16K 17/34** ( 2006.01 )  
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**F17C 1/00** ( 2006.01 )  
**F17C 13/04** ( 2006.01 )  
**F17C 13/12** ( 2006.01 )  
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 (54) Pest monitoring system with conductive electrodes  
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**A01M 1/02** ( 2006.01 )  
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 (54) System, method, and computer program product for predictive maintenance  
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**G16H 40/40** ( 2018.01 )  
**G05B 23/02** ( 2006.01 )  
**G06Q 50/00** ( 2012.01 )  
**G16H 20/17** ( 2018.01 )  
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 (74) Davies Collison Cave Pty Ltd
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 (51) Int. Cl.  
**G16H 40/63** ( 2018.01 )  
**A61M 5/168** ( 2006.01 )  
**G16H 20/17** ( 2018.01 )  
**A61B 6/00** ( 2006.01 )  
**A61M 5/20** ( 2006.01 )  
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 (21) 2018326379 (22) 28.08.2018  
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 (51) Int. Cl.  
**A61M 5/14** ( 2006.01 )  
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PCT applications which have entered the National Phase - Name Index cont'd

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H04L 12/58 ( 2006.01 )  
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G08G 1/0968 ( 2006.01 )  
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G06Q 10/08 ( 2012.01 )  
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G08G 1/01 ( 2006.01 )  
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G06Q 30/02 ( 2012.01 )  
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G01R 33/385 ( 2006.01 )  
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F24S 70/10 (2018.01)  
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G06F 21/40 (2013.01)  
G06Q 20/22 (2012.01)  
G09C 1/00 (2006.01)  
H04L 29/06 (2006.01)

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**A61L 33/08** ( 2006.01 )  
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**A61J 1/05** ( 2006.01 )  
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**A61K 6/838** ( 2020.01 )  
**A61K 6/831** ( 2020.01 )  
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**A61K 33/42** ( 2006.01 )  
**A61L 27/12** ( 2006.01 )  
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**A23J 3/16** ( 2006.01 )  
**A23L 15/00** ( 2016.01 )
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- (51) Int. Cl.  
**C07D 311/96** ( 2006.01 )  
**C07D 497/10** ( 2006.01 )  
**C08G 65/32** ( 2006.01 )  
**C08K 5/1545** ( 2006.01 )  
**C08L 101/00** ( 2006.01 )  
**C09K 9/02** ( 2006.01 )  
**G02B 1/04** ( 2006.01 )
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- (51) Int. Cl.  
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(51) Int. Cl.  
**A47L 5/24** ( 2006.01 )  
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**A47L 9/16** ( 2006.01 )  
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Numerical Index

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<b>2017416573</b>	EyeWay Vision Ltd.	<b>2018275668</b>	Correnti, M.
<b>2017416627</b>	Institute of Engineering Thermophysics, Chinese Academy of Sciences	<b>2018275881</b>	Genzyme Corporation
<b>2017417081</b>	Shenzhen Wisdom Science and Technology Co., Ltd	<b>2018276068</b>	The University of Western Australia
<b>2017417561</b>	Ottobock SE & Co. KGaA	<b>2018276088</b>	Isabrem Ltd.
<b>2017417809</b>	NTT Docomo, Inc.	<b>2018276124</b>	HS Products Limited
<b>2017418247</b>	Anavex Life Sciences Corp.	<b>2018276154</b>	EyeWay Vision Ltd.
<b>2017418274</b>	NTT Docomo, Inc.	<b>2018276617</b>	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.
<b>2017419266</b>	Beijing Didi Infinity Technology and Development Co., Ltd.	<b>2018276618</b>	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.
<b>2017419917</b>	NTT Docomo, Inc.	<b>2018277095</b>	Theaprin Pharmaceuticals, Inc.
<b>2017419978</b>	Beijing Didi Infinity Technology and Development Co., Ltd.	<b>2018277261</b>	REC Solar Pte. Ltd.
<b>2017420004</b>	TTI (Macao Commercial Offshore) Limited	<b>2018277268</b>	Eyeway Vision Ltd.
<b>2017420053</b>	NTT Docomo, Inc.	<b>2018277556</b>	Amicus Therapeutics, Inc.
<b>2017420711</b>	Lenlok Holdings, LLC	<b>2018277966</b>	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.
<b>2017420799</b>	Corning Research & Development Corporation	<b>2018277967</b>	National University Corporation Hokkaido University; Furukawa Electric Co., Ltd.
<b>2017420801</b>	Corning Research & Development Corporation	<b>2018278351</b>	Schvey, Inc. d/b/a/ Axoni
<b>2017420810</b>	HighService Technology & Services Limitada	<b>2018278513</b>	The Veggleto Company Pty Limited
<b>2017420954</b>	Kawasaki Jukogyo Kabushiki Kaisha	<b>2018278777</b>	PayPal, Inc.
<b>2017421071</b>	China University of Mining and Technology	<b>2018278804</b>	Surefly, Inc.
<b>2017421176</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	<b>2018279206</b>	Maston Oy
<b>2017421230</b>	A <sup>3</sup> by Airbus LLC	<b>2018279309</b>	Wix.com Ltd.
<b>2017421286</b>	Corning Research & Development Corporation	<b>2018279678</b>	Wang, Z.
<b>2017421287</b>	Corning Research & Development Corporation	<b>2018280161</b>	SWIMC LLC
<b>2017421288</b>	Corning Research & Development Corporation	<b>2018280548</b>	Dansk Retursystem A/S
<b>2017421289</b>	Corning Research & Development Corporation	<b>2018280567</b>	Sanofi Biotechnology
<b>2017421290</b>	Corning Research & Development Corporation	<b>2018280750</b>	Probi AB
<b>2017421295</b>	Corning Research & Development Corporation	<b>2018280960</b>	Skelhorn, D.
<b>2017421574</b>	Slingshot Haulage Pty Ltd	<b>2018281697</b>	Hunter IP Limited
<b>2017422091</b>	Huawei Technologies Co., Ltd.	<b>2018281871</b>	Philogen S.p.A.
<b>2017422125</b>	Ingeteam Power Technology, S.A.	<b>2018282896</b>	The Coca-Cola Company
<b>2017422376</b>	Colgate-Palmolive Company	<b>2018283369</b>	NantOmics, LLC
<b>2017422386</b>	Avent, Inc.	<b>2018283981</b>	AST & Science, LLC
<b>2017422723</b>	Fujitsu Limited	<b>2018284106</b>	CareFusion 303, Inc.
<b>2017423053</b>	Immunovaccine Technologies Inc.	<b>2018284726</b>	Huawei Technologies Co., Ltd.
<b>2017424143</b>	Beijing DiDi Infinity Technology and Development Co., Ltd.	<b>2018284733</b>	Huawei Technologies Co., Ltd.
<b>2017425736</b>	Beijing DiDi Infinity Technology and Development Co., Ltd.	<b>2018285710</b>	The University of Chicago
<b>2017427019</b>	ZTE Corporation	<b>2018285927</b>	AltiBio, Inc.
<b>2017427054</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2018285940</b>	Advantek Waste Management Services, LLC
<b>2017430067</b>	Mitsubishi Electric Corporation	<b>2018286289</b>	Huawei Technologies Co., Ltd.
<b>2017430185</b>	EnWave Corporation	<b>2018286304</b>	Huawei Technologies Co., Ltd.
<b>2017433746</b>	Raytheon Canada Ltd.	<b>2018286476</b>	F&S Bar Holdings Pty Ltd
<b>2018271737</b>	LG Electronics Inc.	<b>2018287091</b>	Kine Dynamics, S.L.
<b>2018272019</b>	Swift Fuels, LLC	<b>2018287142</b>	Universidad de Navarra; Consejo Nacional De Investigaciones Científicas Y Técnicas; Universidad Nacional De Córdoba
<b>2018272108</b>	Case Western Reserve University; Board Of Regents, The University Of Texas System	<b>2018287701</b>	Produits Dentaires Pierre Rolland
<b>2018272914</b>	Koninklijke Philips N.V.	<b>2018287982</b>	Ash & Lacy Holdings Limited
<b>2018272932</b>	Cabinplant International A/S	<b>2018288044</b>	Beijing DiDi Infinity Technology and Development Co., Ltd.
<b>2018273213</b>	Cairns, K.	<b>2018288198</b>	Sphere Fluidics Limited
<b>2018273362</b>	Bioprotonics, Inc.	<b>2018288382</b>	Avlani, D.; Taheny, S.; Guiney, K.
<b>2018273416</b>	M-Techx Inc.	<b>2018288455</b>	Della Toffola S.p.A.
<b>2018273438</b>	LG Electronics Inc.	<b>2018288644</b>	ELC Management LLC
<b>2018273456</b>	Kongsberg Ferrotech AS	<b>2018288670</b>	Sealed Air Corporation (US)
<b>2018273659</b>	Barnes, J.	<b>2018288720</b>	Waymo LLC
<b>2018273740</b>	Mir Limited	<b>2018288771</b>	The Board of Trustees of the Leland Stanford Junior University; Sun, T.
<b>2018273804</b>	Cosmoaesthetics Pty Ltd	<b>2018288790</b>	eConnect, Inc.
<b>2018273963</b>	University of Central Florida Research Foundation, Inc.	<b>2018288907</b>	Futurechem Co., Ltd.
<b>2018274025</b>	ZTE Corporation	<b>2018289074</b>	Dow Global Technologies LLC
<b>2018274667</b>	Koninklijke Philips N.V.	<b>2018289297</b>	Bruin Biometrics, LLC
<b>2018274765</b>	Glytech LLC.	<b>2018289539</b>	Celgene Corporation
<b>2018275249</b>	Owl Labs, Inc.	<b>2018289572</b>	University of Southern California
<b>2018275552</b>	Bristol-Myers Squibb Company		



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

<b>2018289935</b>	National University Corporation Hokkaido University; Life Science Institute, Inc.	<b>2018297308</b>	PPG Industries Ohio, Inc.
<b>2018290225</b>	Mitokinin, Inc.	<b>2018297329</b>	Drexel University
<b>2018290259</b>	Petrucci, G.	<b>2018297603</b>	Metalogenia Research & Technologies S.L.
<b>2018290344</b>	Checkpoint Surgical, Inc.	<b>2018297621</b>	SMF-Holding GmbH
<b>2018290441</b>	Beijing DiDi Infinity Technology and Development Co., Ltd.	<b>2018297692</b>	Vera Salus Ricerca S.r.l.
<b>2018290499</b>	Beijing Didi Infinity Technology and Development Co., Ltd	<b>2018297889</b>	Smart Installations AS
<b>2018290765</b>	Bonti, Inc.	<b>2018298054</b>	M-I L.L.C.; Schlumberger Norge AS
<b>2018290774</b>	Corning Research & Development Corporation	<b>2018298087</b>	Evelo Biosciences, Inc.
<b>2018290793</b>	3M Innovative Properties Company	<b>2018298133</b>	The Trustees of the University of Pennsylvania
<b>2018290801</b>	American Traffic Solutions, Inc.	<b>2018298137</b>	The Regents of the University of California
<b>2018290983</b>	Amgen Inc.; Cytokinetics, Inc.	<b>2018298192</b>	China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, SINOPEC
<b>2018291009</b>	Equifax Inc.	<b>2018298226</b>	Symic IP, LLC
<b>2018291076</b>	ViiV Healthcare Company; Janssen Sciences Ireland Unlimited Company	<b>2018298281</b>	Alfa Laval Corporate AB
<b>2018291128</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services; TeneoBio, Inc.	<b>2018298479</b>	The Francis Crick Institute Limited
<b>2018291137</b>	University of South Florida	<b>2018298623</b>	Tokuyama Corporation
<b>2018291163</b>	Quixgen, Inc.	<b>2018298640</b>	Nippon Telegraph and Telephone Corporation
<b>2018291366</b>	Taiho Pharmaceutical Co., Ltd.	<b>2018298658</b>	Geron Corporation
<b>2018291553</b>	ScinoPharm Taiwan, Ltd.	<b>2018298862</b>	PRZUNTEK, H.; HAGHIKIA, A.
<b>2018291807</b>	Escape International	<b>2018298939</b>	Saint-Gobain Isover
<b>2018291866</b>	Waymo LLC	<b>2018299021</b>	QubicaAMF Europe S.p.A.
<b>2018291898</b>	L'Oreal	<b>2018299309</b>	Mitsubishi Electric Corporation
<b>2018292176</b>	Norwegian University of Science and Technology (NT-NU)	<b>2018299361</b>	Gao, X.
<b>2018292181</b>	Cellectis	<b>2018299420</b>	Cayzer, J.
<b>2018292239</b>	ELC Management LLC	<b>2018299567</b>	I-PS Co., Ltd.
<b>2018292539</b>	iBasis, Inc	<b>2018299756</b>	Haldor Topsøe A/S
<b>2018292627</b>	PPG Industries Ohio, Inc.	<b>2018299877</b>	Colgate-Palmolive Company
<b>2018292803</b>	RIOGLASS SOLAR SCH, SL	<b>2018300165</b>	BP Corporation North America Inc.
<b>2018292957</b>	Voith Patent GmbH	<b>2018300295</b>	Pfizer Inc.
<b>2018293135</b>	IDS Group	<b>2018300523</b>	Douchossec
<b>2018293429</b>	Marine Power Systems Limited	<b>2018301181</b>	Equinor Energy AS
<b>2018293446</b>	Peak Well Systems Pty Ltd; Peak Well Systems Limited	<b>2018301297</b>	Cubic Corporation
<b>2018293447</b>	Peak Well Systems Pty Ltd; Peak Well Systems Limited	<b>2018301810</b>	Io Therapeutics, Inc.
<b>2018293457</b>	Bio-Rad Europe GmbH	<b>2018301815</b>	Tendyne Holdings, Inc.
<b>2018293470</b>	Scotts Canada Ltd	<b>2018301830</b>	Io Therapeutics, Inc.
<b>2018293542</b>	Neuhofen, F.	<b>2018301909</b>	CHEP Technology Pty Limited
<b>2018293709</b>	Uridan Waterless Solutions GmbH	<b>2018302088</b>	BPW Bergische Achsen KG
<b>2018293729</b>	Les Laboratoires Servier	<b>2018302889</b>	Beijing DiDi Infinity Technology and Development Co., Ltd.
<b>2018293758</b>	Gemalto SA	<b>2018303329</b>	Fastbrick IP Pty Ltd
<b>2018293921</b>	Griffith University	<b>2018303330</b>	Fastbrick IP Pty Ltd
<b>2018293922</b>	Far Focus Pty Ltd	<b>2018303341</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2018294134</b>	Kawasaki Jukogyo Kabushiki Kaisha	<b>2018303703</b>	Torrecilla Contreras, J.A.
<b>2018294206</b>	Huawei Technologies Co., Ltd.	<b>2018303837</b>	Fastbrick IP Pty Ltd
<b>2018294247</b>	Cook Medical Technologies LLC.; Cook Biotech Incorporated	<b>2018303838</b>	Fastbrick IP Pty Ltd
<b>2018294327</b>	Celgene Corporation	<b>2018304730</b>	Fastbrick IP Pty Ltd
<b>2018294410</b>	Exactech, Inc	<b>2018305648</b>	Kamedi GmbH
<b>2018294441</b>	Milwaukee Electric Tool Corporation	<b>2018305656</b>	Erber Aktiengesellschaft
<b>2018294476</b>	Huawei Technologies Co., Ltd.	<b>2018305713</b>	Siemens Mobility GmbH
<b>2018294504</b>	Limmatech Biologics AG	<b>2018305811</b>	Haldor Topsøe A/S
<b>2018295015</b>	NCH Corporation	<b>2018305876</b>	Haldor Topsøe A/S
<b>2018295099</b>	Uatc, Llc	<b>2018305877</b>	Haldor Topsøe A/S
<b>2018295168</b>	Huawei Technologies Co., Ltd.	<b>2018306123</b>	Kverneland Group Kerteminde AS
<b>2018295277</b>	Nautilus, Inc.	<b>2018306441</b>	Loon LLC
<b>2018295321</b>	Huawei Technologies Co., Ltd.	<b>2018306467</b>	OptiBiotix Limited
<b>2018295505</b>	Dr. Reddy's Laboratories Ltd.	<b>2018307416</b>	Koki Holdings Co.,Ltd.
<b>2018295561</b>	Clean Powr Pty Ltd	<b>2018307608</b>	ConocoPhillips Company
<b>2018295566</b>	Geolnt-SafeNet Pty Ltd	<b>2018307786</b>	Magic Leap, Inc.
<b>2018295781</b>	Terumo Kabushiki Kaisha	<b>2018307910</b>	Plexxikon Inc.; Daiichi Sankyo Company, Limited
<b>2018296644</b>	Astellas Pharma Inc.	<b>2018308586</b>	Haldor Topsøe A/S
<b>2018297035</b>	3D Glass Solutions, Inc.	<b>2018308587</b>	Haldor Topsøe A/S
<b>2018297059</b>	Klein Holding B.V.; Klien, P.	<b>2018308699</b>	Technische Universität München; Technische Universität München - Klinikum Rechts der Isar
<b>2018297132</b>	Bontempo, D.	<b>2018308860</b>	Haldor Topsøe A/S
<b>2018297244</b>	M-I L.L.C.	<b>2018308861</b>	Haldor Topsøe A/S
<b>2018297274</b>	Kapiloff, M.S.	<b>2018308863</b>	Haldor Topsøe A/S
<b>2018297307</b>	BASF Corporation	<b>2018309905</b>	Sony Corporation
		<b>2018310524</b>	Nuventura GmbH
		<b>2018310636</b>	Nuventura GmbH
		<b>2018312443</b>	Citibank, N.A.
		<b>2018312656</b>	Lei, Z.; Lei, X.

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

2018312964	Neoss Limited
2018313034	Alcon Inc.
2018313441	Daikin Industries, Ltd.
2018313823	The Board of Trustees of the Leland Stanford Junior University
2018314520	China Construction Steel Structure Corp. Ltd.
2018316274	Qualcomm Incorporated
2018316496	Creo Medical Limited
2018317866	Bayer Healthcare LLC
2018318219	Eli Lilly and Company
2018319093	Electrolux Appliances Aktiebolag
2018319544	Eli Lilly and Company
2018319545	Eli Lilly and Company
2018320335	Haldor Topsøe A/S
2018321269	Eli Lilly and Company
2018321581	Yara International ASA; The University of Sydney
2018323442	Bayer HealthCare LLC
2018324087	OmniEarth, Inc.
2018325239	Electrolux Appliances Aktiebolag
2018326379	Bayer HealthCare LLC
2018327217	Alibaba Group Holding Limited
2018334334	Shin Nippon Biomedical Laboratories, Ltd.
2018334449	Symbol Technologies, LLC
2018339006	Leica Biosystems Imaging, Inc.
2018339011	Leica Biosystems Imaging, Inc.
2018341824	Medtronic, Inc.
2018346894	Western Pro Feeders, LLC
2018347507	Boston Scientific Scimed, Inc.
2018357027	China University of Mining and Technology
2018359308	Eng Kah Enterprise Sdn. Bhd.
2018360216	China University of Mining and Technology; Jiangsu Huayuan Water-Saving Co., Ltd
2018388932	Qilu University of Technology
2018402494	Jinan University
2018419727	China University of Mining and Technology; Jiangsu Kampf Mechanical Technology Co., Ltd
2018422115	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co.,Ltd; Inner Mongolia University of Technology
2018423506	Cylus Cyber Security Ltd.
2019216612	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2019272058	State Grid Hunan Electric Power Company Limited; State Grid Hunan Electric Company Limited Disaster Prevention and Reduction Center; State Grid Corporation of China
2019281278	China University of Mining and Technology
2019284093	Adeka Corporation

IPC Index

<b><u>A01B 23 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A61B 3 /-</u></b>	2018291076	<b><u>A61K 48 /-</u></b>	<b><u>A61N 1 /-</u></b>
2018297603	2018288455 2018306467	2018293922	2018291137 2018291163 2018291366 2018291553 2018293729 2018294327 2018297274 2018297329 2018297692 2018298226 2018298862 2018301810 2018301830 2018307910	2018297274 2018298133	2018289297 2018290344 2018341824
<b><u>A01D 34 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A61B 5 /-</u></b>		<b><u>A61K 51 /-</u></b>	<b><u>A61N 5 /-</u></b>
2018297621 2018306123	2018303341	2018273362 2018279678 2018289297 2018341824		2018288907 2018308699	2018273804
<b><u>A01D 41 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 6 /-</u></b>		<b><u>A61K 6 /-</u></b>	<b><u>A61P 1 /-</u></b>
2018297621	2018306467	2018323442		2018276068 2018287701	2018298226
<b><u>A01G 23 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A61B 90 /-</u></b>		<b><u>A61K 8 /-</u></b>	<b><u>A61P 13 /-</u></b>
2018273213	2018298281	2018313034	<b><u>A61K 33 /-</u></b>	2018292239	2018277756
<b><u>A01G 25 /-</u></b>	<b><u>A23L 7 /-</u></b>	2018313034	2018276068	<b><u>A61K 9 /-</u></b>	<b><u>A61P 17 /-</u></b>
2018360216	2018306467	<b><u>A61C 8 /-</u></b>	<b><u>A61K 35 /-</u></b>	2017423053 2018277095 2018280750 2018285927 2018287142 2018289572 2018290765 2018291553 2018295505 2018307910	2018289935
<b><u>A01G 31 /-</u></b>	<b><u>A23N 1 /-</u></b>	2018312964	<b><u>A61K 37 /-</u></b>		<b><u>A61P 19 /-</u></b>
2018275644	2018288455	<b><u>A61D 1 /-</u></b>	2018273963 2018280750 2018289935 2018290259 2018292181 2018298087		2018307910
<b><u>A01G 7 /-</u></b>	<b><u>A45B 5 /-</u></b>	2018305656	<b><u>A61K 36 /-</u></b>		<b><u>A61P 23 /-</u></b>
2018309905	2018299361	<b><u>A61D 7 /-</u></b>	2017430185		2018290765
<b><u>A01K 1 /-</u></b>	<b><u>A45B 9 /-</u></b>	2018305656	<b><u>A61K 38 /-</u></b>	<b><u>A61L 2 /-</u></b>	<b><u>A61P 25 /-</u></b>
2018346894	2018299361	<b><u>A61F 13 /-</u></b>	2018280567 2018281871 2018285710 2018297274 2018298133 2018298226	2017430185	2017418247 2018274765 2018291163 2018298862 2018307910
<b><u>A01K 5 /-</u></b>	<b><u>A45D 19 /-</u></b>	2018300523	<b><u>A61K 39 /-</u></b>	2018276068 2018290259	<b><u>A61P 27 /-</u></b>
2018346894	2018291898	<b><u>A61F 2 /-</u></b>	2017423053 2018280567 2018287142 2018289572 2018290765 2018291128 2018291366 2018292181 2018294327 2018300295 2018301810	2018298226	2018287142 2018291553 2018307910
<b><u>A01M 1 /-</u></b>	<b><u>A45D 7 /-</u></b>	2018294410 2018301815	<b><u>A61M 13 /-</u></b>	<b><u>A61L 27 /-</u></b>	<b><u>A61P 31 /-</u></b>
2018293470 2018297307	2018291898	<b><u>A61F 5 /-</u></b>	2018334334	2018276068 2018290259	2017423053 2018289539 2018307910
<b><u>A01M 31 /-</u></b>	<b><u>A47C 16 /-</u></b>	2017417561 2018294247	<b><u>A61M 25 /-</u></b>	<b><u>A61L 33 /-</u></b>	<b><u>A61P 35 /-</u></b>
2018297307	2018299420	<b><u>A61F 7 /-</u></b>	2018290259	2018298226	2017423053 2018285710 2018287142 2018289572 2018291128 2018291366 2018292181 2018293729 2018297692 2018298087 2018307910
<b><u>A01N 43 /-</u></b>	<b><u>A47H 11 /-</u></b>	2018305648	<b><u>A61M 31 /-</u></b>	<b><u>A61M 39 /-</u></b>	<b><u>A61P 37 /-</u></b>
2018290225	2018299420	<b><u>A61F 9 /-</u></b>	2017422386	2017422386	2017423053 2018281871 2018291366
<b><u>A21C 9 /-</u></b>	2018312656	2018276154 2018313034 2018347507	<b><u>A61M 5 /-</u></b>	<b><u>A61M 5 /-</u></b>	
2018272932	<b><u>A47L 5 /-</u></b>	<b><u>A61J 1 /-</u></b>	2017422386 2018284106 2018295781 2018318219 2018319544 2018319545 2018321269 2018323442 2018326379		
<b><u>A23B 7 /-</u></b>	2017420004	2018295781	<b><u>A61K 45 /-</u></b>		
2017430185	<b><u>A47L 9 /-</u></b>	<b><u>A61K 31 /-</u></b>	2017418247 2018277095 2018291366 2018298087 2018307910		
<b><u>A23D 9 /-</u></b>	2017420004	2017418247 2017430185 2018274765 2018275552 2018277095 2018277756 2018285927 2018288771 2018289539 2018290765 2018290983			
2018298281	<b><u>A61B 17 /-</u></b>				
<b><u>A23J 3 /-</u></b>	2018289297 2018313034 2018347507				
2018278513	<b><u>A61B 18 /-</u></b>				
<b><u>A23L 15 /-</u></b>	2018289297 2018316496 2018347507				

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

<b><u>A61P 43 /-</u></b>	<b><u>B01J 37 /-</u></b>	<b><u>B31F 5 /-</u></b>	<b><u>B62D 53 /-</u></b>	<b><u>B65G 15 /-</u></b>	<b><u>C02F 101 /-</u></b>
2018291366 2018307910	2018298192	2018288670	2017421574 2018276088	2018276124	2018297059
<b><u>A61P 9 /-</u></b>	<b><u>B01L 3 /-</u></b>	<b><u>B32B 17 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>B65G 17 /-</u></b>	<b><u>C02F 3 /-</u></b>
2018275552 2018281871 2018290983 2018297274 2018307910	2018288198	2018286476	2018297889	2018276124	2018297059
<b><u>A61Q 1 /-</u></b>	<b><u>B02C 4 /-</u></b>	<b><u>B32B 7 /-</u></b>	<b><u>B63B 22 /-</u></b>	<b><u>B65G 21 /-</u></b>	<b><u>C02F 5 /-</u></b>
2018292239	2018294134	2018286476	2018293921	2018292957	2018295015
<b><u>A61Q 5 /-</u></b>	<b><u>B03B 1 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B64C 13 /-</u></b>	<b><u>B65G 23 /-</u></b>	<b><u>C03B 37 /-</u></b>
2018292239	2017420810	2018280548 2018293758	2017421230	2018292957	2018298939
<b><u>A62D 1 /-</u></b>	<b><u>B05B 11 /-</u></b>	<b><u>B44C 5 /-</u></b>	<b><u>B64C 19 /-</u></b>	<b><u>B65G 59 /-</u></b>	<b><u>C03C 15 /-</u></b>
2019272058	2018288644	2018286476	2017421230	2018301909	2018297035
<b><u>A63B 21 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>B64C 27 /-</u></b>	<b><u>B66B 5 /-</u></b>	<b><u>C05C 1 /-</u></b>
2018287091 2018295277	2017417081	2018276088	2018278804 2018291807	2018422115	2018297059
<b><u>A63B 23 /-</u></b>	<b><u>B05B 15 /-</u></b>	<b><u>B60K 1 /-</u></b>	<b><u>B64C 29 /-</u></b>	<b><u>B66C 1 /-</u></b>	<b><u>C07C 13 /-</u></b>
2018295277	2017417081	2018276088	2018278804	2018291807	2018301830
<b><u>A63B 7 /-</u></b>	<b><u>B05B 9 /-</u></b>	<b><u>B60K 7 /-</u></b>	<b><u>B64C 3 /-</u></b>	<b><u>B68G 9 /-</u></b>	<b><u>C07C 29 /-</u></b>
2018287091	2017417081	2018276088	2017421230	2018276124	2018305876 2018308861 2018308863
<b><u>A63B 71 /-</u></b>	<b><u>B05D 1 /-</u></b>	<b><u>B60L 15 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>C01B 13 /-</u></b>	<b><u>C07D 209 /-</u></b>
2018295277	2018280161	2018276088	2018306441	2018305811 2018305876 2018305877 2018308586 2018308587 2018308861	2018288771 <b><u>C07D 249 /-</u></b> 2018288907
<b><u>A63D 1 /-</u></b>	<b><u>B07B 1 /-</u></b>	<b><u>B60L 7 /-</u></b>	<b><u>B64D 1 /-</u></b>	<b><u>C01B 21 /-</u></b>	<b><u>C07D 291 /-</u></b>
2018299021	2018297244	2018276088	2018291807	2018320335 2018321581	2018290225
<b><u>A63D 5 /-</u></b>	<b><u>B08B 9 /-</u></b>	<b><u>B60N 3 /-</u></b>	<b><u>B64D 17 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07D 311 /-</u></b>
2018299021	2018273456	2018299420	2018278804	2018299756 2018305811 2018305876 2018305877 2018308586 2018308587 2018308860 2018308861 2018308863 2018320335	2018297692 2018298623 <b><u>C07D 317 /-</u></b> 2018285927 <b><u>C07D 401 /-</u></b> 2018288907 <b><u>C07D 405 /-</u></b>
<b><u>B01D 71 /-</u></b>	<b><u>B23D 35 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B64D 33 /-</u></b>	<b><u>C01B 37 /-</u></b>	2018275552 2018291553
2018293921	2018273213	2017421574	2018278804	2018276618	
<b><u>B01J 23 /-</u></b>	<b><u>B23P 19 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B64D 41 /-</u></b>	<b><u>C01B 39 /-</u></b>	<b><u>C07D 413 /-</u></b>
2018298192 2018299756	2018301909	2018295099	2018278804	2018277967	2018275552
<b><u>B01J 27 /-</u></b>	<b><u>B25J 5 /-</u></b>	<b><u>B61L 15 /-</u></b>	<b><u>B64G 1 /-</u></b>	<b><u>C01C 1 /-</u></b>	<b><u>C07D 417 /-</u></b>
2018298192	2018303330	2018423506	2018283981	2018305811 2018308586 2018308587 2018308861 2018308863 2018320335	2018275552
<b><u>B01J 29 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>B61L 25 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>C01B 39 /-</u></b>	<b><u>C07D 413 /-</u></b>
2018276617 2018276618 2018277966 2018277967	2017417561 2018303329 2018303330 2018303837 2018303838 2018304730	2017420954	2018288644	2018277967	2018275552
<b><u>B01J 35 /-</u></b>	<b><u>B27C 1 /-</u></b>	<b><u>B61L 27 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>C01B 37 /-</u></b>	<b><u>C07D 413 /-</u></b>
2018277967	2018273213	2018423506	2017422376 2018288644	2018277967	2018275552
<b><u>B01J 35 /-</u></b>	<b><u>B29C 63 /-</u></b>	<b><u>B62D 13 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C01C 1 /-</u></b>	<b><u>C07D 417 /-</u></b>
2018277967	2018273456	2017421574	2018288670 2018289074	2018305811 2018308586 2018308587 2018308861 2018308863	2018275552
	<b><u>B31B 70 /-</u></b>	<b><u>B62D 15 /-</u></b>	<b><u>B65D 83 /-</u></b>	2018308861 2018308863	2018291366
	2018288670	2018295099	2018280161		

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

<b><u>C07D 473 /-</u></b>	2018292803	2018308586	<b><u>E04G 21 /-</u></b>		<b><u>F24C 7 /-</u></b>
2018290225	<b><u>C09K 8 /-</u></b>	2018308587		<b><u>F03G 7 /-</u></b>	2018325239
<b><u>C07D 487 /-</u></b>	2018307608	2018308860	2018303330	2018295561	<b><u>F24F 1 /-</u></b>
2018272108	<b><u>C09K 9 /-</u></b>	2018308861	<b><u>E06B 3 /-</u></b>	<b><u>F04D 25 /-</u></b>	2018313441
2018275552		2018308863		2018307786	<b><u>F24F 11 /-</u></b>
2018293729	2018298623		<b><u>E06C 7 /-</u></b>	<b><u>F16B 11 /-</u></b>	2018299309
<b><u>C07D 497 /-</u></b>	<b><u>C10G 11 /-</u></b>	<b><u>D01D 4 /-</u></b>	2018286476	2018290793	<b><u>F24F 110 /-</u></b>
2018298623	2018298192	2018273416	<b><u>E06E 7 /-</u></b>	<b><u>F16B 25 /-</u></b>	2018299309
<b><u>C07H 1 /-</u></b>	<b><u>C10K 3 /-</u></b>	<b><u>D01D 5 /-</u></b>	2018280960	2016277837	<b><u>F24F 120 /-</u></b>
2018298658	2018299756	2018273416	<b><u>E21B 23 /-</u></b>	<b><u>F16B 47 /-</u></b>	2018299309
<b><u>C07H 21 /-</u></b>	<b><u>C11B 3 /-</u></b>	<b><u>D06F 25 /-</u></b>	2018293446	2018290793	<b><u>F24F 13 /-</u></b>
2018298658	2018299756	2018273438	2018293447	<b><u>F16B 5 /-</u></b>	2018307786
<b><u>C07K 1 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>D06F 31 /-</u></b>	<b><u>E21B 33 /-</u></b>	2018303341	2018313441
2018296644	2018298281	2018273438	2018293446	<b><u>F16C 23 /-</u></b>	<b><u>F24S 70 /-</u></b>
<b><u>C07K 14 /-</u></b>	<b><u>C12G 1 /-</u></b>	<b><u>D06F 67 /-</u></b>	2018293447	2018297244	2018292803
2017423053	2018288455	2018273438	<b><u>E21B 43 /-</u></b>	<b><u>F16D 1 /-</u></b>	<b><u>F25B 49 /-</u></b>
2018273963		2018271737	2018285940	2018360216	2018313441
2018289572	<b><u>C12N 1 /-</u></b>	<b><u>D06F 79 /-</u></b>	2018307608	<b><u>F16D 121 /-</u></b>	<b><u>F25D 17 /-</u></b>
2018290765		2018271737	<b><u>E21B 47 /-</u></b>	2018302088	2017430067
2018291128	2018294504	<b><u>E01C 19 /-</u></b>	2017421071	<b><u>F16D 55 /-</u></b>	<b><u>F25D 23 /-</u></b>
2018297274	2018296644	2018299567	2018298054	2018302088	2017430067
<b><u>C07K 16 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>E01C 23 /-</u></b>	2018301181	<b><u>F16D 65 /-</u></b>	<b><u>F26B 17 /-</u></b>
2018280567	2018273963	2018299567	<b><u>E21B 49 /-</u></b>	2018302088	2017430185
2018281871	2018291137	<b><u>E02F 9 /-</u></b>	2018298054	<b><u>F16J 15 /-</u></b>	<b><u>F26B 7 /-</u></b>
2018289572	2018296644	2018297603	<b><u>E21B 7 /-</u></b>	2018293446	2017430185
2018291128	2018298133	<b><u>E03C 1 /-</u></b>	2018300165	2018293447	<b><u>F28D 15 /-</u></b>
2018296644	<b><u>C12N 5 /-</u></b>	2018293709	<b><u>E21D 15 /-</u></b>	<b><u>F16K 17 /-</u></b>	2018313441
<b><u>C07K 7 /-</u></b>	2018289935	<b><u>E03D 11 /-</u></b>	2017421071	2018273659	<b><u>F41G 1 /-</u></b>
2017423053	2018296644	2018293709	<b><u>E21D 9 /-</u></b>	<b><u>F16L 1 /-</u></b>	2017433746
<b><u>C08F 10 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>E03D 13 /-</u></b>	2018419727	2018273456	<b><u>F41G 11 /-</u></b>
2019284093	2018300295	2018293709	<b><u>E21F 17 /-</u></b>	2018273456	2017433746
<b><u>C08G 65 /-</u></b>	<b><u>C12P 19 /-</u></b>	2018293709	2017421071	<b><u>F16L 55 /-</u></b>	<b><u>G01B 11 /-</u></b>
2018298623	2018291137	2018293709	<b><u>F02C 6 /-</u></b>	2018273456	2018339011
<b><u>C08K 5 /-</u></b>	<b><u>C12P 21 /-</u></b>	2018293709	2017416627	<b><u>F17C 1 /-</u></b>	<b><u>G01B 9 /-</u></b>
2018298623	2018294504	<b><u>E04B 1 /-</u></b>	<b><u>F03B 13 /-</u></b>	2018273659	2018339006
<b><u>C08L 101 /-</u></b>	2018296644	2016277837	2018293429	<b><u>F17C 13 /-</u></b>	2018339011
2018298623	<b><u>C12Q 1 /-</u></b>	<b><u>E04B 2 /-</u></b>	<b><u>F03D 3 /-</u></b>	2018273659	<b><u>G01C 13 /-</u></b>
<b><u>C09D 163 /-</u></b>	2018283369	2016277837	2018303703	<b><u>F24C 15 /-</u></b>	2018293921
2018279206	2018298137	<b><u>E04F 13 /-</u></b>	<b><u>F03D 9 /-</u></b>	2018325239	
2018298623	2018298479	2018287982	2018303703		
<b><u>C08K 5 /-</u></b>	<b><u>C23F 11 /-</u></b>	<b><u>E04F 19 /-</u></b>	<b><u>F03G 3 /-</u></b>		
<b><u>C09D 175 /-</u></b>	2018295015	2018293542	2018295561		
2018279206	<b><u>C25B 1 /-</u></b>				
<b><u>C09D 5 /-</u></b>	2018305811				
2018279206	2018305876				
2018280161	2018305877				

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

<b><u>G01C 21 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H01H 1 /-</u></b>	<b><u>H02J 7 /-</u></b>
2017424143	2018298623	2018288382	2018295566	2018310524	2018294441
<b><u>G01C 5 /-</u></b>	<b><u>G02B 13 /-</u></b>	2018295566	2018317866	2018310636	2018307416
2017421071	2018275249	2018359308	<b><u>G06T 3 /-</u></b>	<b><u>H01H 31 /-</u></b>	<b><u>H02K 1 /-</u></b>
<b><u>G01F 19 /-</u></b>	<b><u>G02B 21 /-</u></b>	<b><u>G06F 21 /-</u></b>	2018309905	2018310636	2018294441
2017422376	2018339006	2018278351	<b><u>G06T 7 /-</u></b>	<b><u>H01H 33 /-</u></b>	<b><u>H02K 11 /-</u></b>
	2018339011	2018291009	2018293922	2018310524	2018294441
<b><u>G01F 23 /-</u></b>	<b><u>G02B 23 /-</u></b>	2018298640	2018309905		
2017420810	2017433746	2018402494	<b><u>G07C 13 /-</u></b>	<b><u>H01L 23 /-</u></b>	<b><u>H02K 21 /-</u></b>
		2018423506	2018312443	2018297035	2019216612
<b><u>G01M 5 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G07F 17 /-</u></b>	2018313441	<b><u>H02K 53 /-</u></b>
2017421230	2017416573	2018277268	2018282896	<b><u>H01L 31 /-</u></b>	2018295561
<b><u>G01M 7 /-</u></b>	2017433746	2018278777	2018288790	2017422125	<b><u>H02K 7 /-</u></b>
2018301909	2018276154	2018307786	<b><u>G08B 31 /-</u></b>	<b><u>H01M 10 /-</u></b>	2018295561
	2018277268	2018314520	2018295566	2018292627	<b><u>H02M 1 /-</u></b>
<b><u>G01M 99 /-</u></b>	<b><u>G02B 3 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G08G 1 /-</u></b>	2018294441	2017422125
2018301909	2018275249	2018279309	2017419266	2018307416	
		2018281697	2017424143	<b><u>H01M 12 /-</u></b>	<b><u>H02M 7 /-</u></b>
<b><u>G01N 25 /-</u></b>	<b><u>G02B 6 /-</u></b>	2018388932	2018290801	2018313823	2017422125
2018298054	2017420799	<b><u>G06K 19 /-</u></b>	<b><u>G09C 1 /-</u></b>	<b><u>H01M 2 /-</u></b>	2018294441
	2017420801	2017420711	2018278351	2018294441	<b><u>H02P 27 /-</u></b>
<b><u>G01N 27 /-</u></b>	2017421286	2018290801		2018307416	2018294441
2017420810	2017421287	2018300523	<b><u>G09F 9 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H02S 30 /-</u></b>
2018293921	2017421288	<b><u>G06K 7 /-</u></b>	2018307786	2018292627	2018277261
	2017421289	2018334449	<b><u>G10L 15 /-</u></b>	2018297308	
<b><u>G01N 3 /-</u></b>	2017421290	<b><u>G06K 9 /-</u></b>	2017425736	2018313823	<b><u>H03H 1 /-</u></b>
2018301909	2017421295	2018288720	<b><u>G10L 19 /-</u></b>	<b><u>H01M 8 /-</u></b>	2018297035
2018357027	2018290774	2018292176	2018295168	2018313823	<b><u>H04B 7 /-</u></b>
	<b><u>G02B 7 /-</u></b>	2018339006	<b><u>G11B 27 /-</u></b>	<b><u>H01R 13 /-</u></b>	2017427019
<b><u>G01N 33 /-</u></b>	2018339006	2018339011	2018359308	2018301297	2018316274
2018272914	2018339011	2018288720	<b><u>G16B 5 /-</u></b>	<b><u>H01R 24 /-</u></b>	<b><u>H04L 1 /-</u></b>
2018274667	<b><u>G02B 9 /-</u></b>	2018292176	2018283369	2018301297	2018274025
2018275881	2018275249	2018324087	<b><u>G16C 10 /-</u></b>	2018272019	2018286304
2018293135		2018324087	2018295168	<b><u>H01R 13 /-</u></b>	<b><u>H04L 12 /-</u></b>
2018293457	<b><u>G02C 7 /-</u></b>	2018339006	<b><u>G16H 20 /-</u></b>	2018301297	2017427019
2018296644	2018293922	2018339011	2018359308	2018301297	2018316274
<b><u>G01N 9 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G16B 5 /-</u></b>	<b><u>H01R 24 /-</u></b>	<b><u>H04L 1 /-</u></b>
2018298054	2018303330	2018288720	2018283369	2018301297	2018274025
		2018324087	<b><u>G16C 10 /-</u></b>	<b><u>H01T 13 /-</u></b>	2018286304
<b><u>G01R 31 /-</u></b>	<b><u>G05B 23 /-</u></b>	2017419978	2018275668	2018272019	<b><u>H04B 7 /-</u></b>
2017421176	2018305713	2018290441	<b><u>G16H 20 /-</u></b>	<b><u>H01R 13 /-</u></b>	2017427019
2018305713	2018305713	2018295566	2018317866	2018301297	2018316274
	2018317866	2018302889	2018323442	<b><u>H01R 24 /-</u></b>	<b><u>H04L 1 /-</u></b>
<b><u>G01R 33 /-</u></b>	2018275249	2019281278	<b><u>G16H 40 /-</u></b>	2018301297	2018274025
2018273362	<b><u>G05D 1 /-</u></b>	<b><u>G06Q 20 /-</u></b>	2018275668	<b><u>H01T 13 /-</u></b>	2018286304
	2018291866	2018273740	<b><u>G16H 20 /-</u></b>	2018305713	<b><u>H04L 12 /-</u></b>
<b><u>G01S 17 /-</u></b>	2018295099	2018278351	2018317866	<b><u>H02H 3 /-</u></b>	2018290499
2017421230	2018306441	2018278351	2018323442	2018305713	<b><u>H04L 27 /-</u></b>
2018291866	<b><u>G06F 1 /-</u></b>	<b><u>G06Q 30 /-</u></b>	2018317866	<b><u>H02H 7 /-</u></b>	2017420053
2018295099	2018307786	2018288044	2018323442	2018305713	<b><u>H04L 29 /-</u></b>
	<b><u>G06F 12 /-</u></b>	2018288382	<b><u>G16H 50 /-</u></b>	<b><u>H02J 13 /-</u></b>	2018278351
<b><u>G01S 7 /-</u></b>	2017422723	2018302889	2018283369	2017433746	2018327217
2018291866		2018302889		<b><u>H02J 3 /-</u></b>	2018294476
				2017422125	2018316274

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

**H04L 9 /-**

2018278351

**H05B 6 /-**

2018319093

**H04N 1 /-**

2018359308

**H05K 7 /-**

2018313441

**H04N 13 /-**

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**H04N 19 /-**

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**H04N 5 /-**

2018309905

**H04W 24 /-**

2018284726

**H04W 28 /-**

2017427019

**H04W 36 /-**

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**H04W 4 /-**

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**H04W 48 /-**

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**H04W 52 /-**

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**H04W 72 /-**

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2018316274

**H04W 74 /-**

2017417809

**H04W 8 /-**

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**H05B 1 /-**

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 A61P 9/00 ( 2006.01 )  
 A61P 11/00 ( 2006.01 )  
 A61P 17/00 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 37/00 ( 2006.01 )  
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 (74) AJ PARK

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 (54) Performing hash joins using parallel processing  
 (51) Int. Cl.  
     G06F 7/00 ( 2006.01 )  
     G06F 12/02 ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Amgen Inc.; Amgen Research (Munich) GmbH  
 (11) AU-B-2014320246  
 (21) 2014320246 (22) 15.09.2014  
 (54) Combination of epigenetic factors and bispecific compounds targeting CD33 and CD3 in the treatment of myeloid leukemia  
 (51) Int. Cl.  
     A61K 31/4045 ( 2006.01 )  
     A61K 39/395 ( 2006.01 )  
     A61P 35/02 ( 2006.01 )  
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 (74) WRAYS PTY LTD

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 (21) 2014320246

(71) Angloco Limited  
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 (54) Fluid dispensing apparatus  
 (51) Int. Cl.

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**(72)** Brown, William Robert Alistair; Kumor, Piotr  
**(74)** Baldwins Intellectual Property

**(71)** Anheuser-Busch InBev S.A.  
**(11)** AU-B-2015352559  
**(21)** 2015352559 **(22)** 25.11.2015  
**(54)** Beer or cider concentrate  
**(51)** Int. Cl.  
**C12H 3/04** ( 2019.01 )  
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**(72)** De Schutter, David; Adam, Pierre; Debyser, Winok  
**(74)** James & Wells Intellectual Property

**(71)** Ansaldo STS USA, Inc.  
**(11)** AU-B-2014293102  
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**(54)** Point detection calibration before switch machine failure  
**(51)** Int. Cl.  
**B61L 1/02** ( 2006.01 )  
**B61L 5/10** ( 2006.01 )  
**B61L 7/06** ( 2006.01 )  
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**(72)** Mariuzza, Peter J.; McQuistian, Kevin; Dowhy, Sean  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Apple Inc.  
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**(21)** 2018237087 **(22)** 20.03.2018  
**(54)** Steel compositions and solution nitriding of stainless steel thereof  
**(51)** Int. Cl.  
**C22C 38/00** ( 2006.01 )  
**C21D 6/00** ( 2006.01 )  
**C21D 8/02** ( 2006.01 )  
**C21D 8/04** ( 2006.01 )  
**C22C 38/02** ( 2006.01 )  
**C22C 38/42** ( 2006.01 )  
**C22C 38/44** ( 2006.01 )  
**C22C 38/46** ( 2006.01 )  
**C22C 38/48** ( 2006.01 )  
**C22C 38/50** ( 2006.01 )  
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**C23C 8/26** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** ArcelorMittal  
**(11)** AU-B-2016379003  
**(21)** 2016379003 **(22)** 20.12.2016  
**(54)** A method of a heat transfer of a non-metallic or metallic item  
**(51)** Int. Cl.  
**C09K 5/10** ( 2006.01 )  
**B22D 11/124** ( 2006.01 )  
**C21D 1/00** ( 2006.01 )  
**(87)** WO2017/109560  
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**(72)** Cabanas Corrales, Maria; Noriega Perez, David  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Automatic Technology (Australia) Pty Ltd  
**(11)** AU-B-2014308566  
**(21)** 2014308566 **(22)** 19.08.2014  
**(54)** Remote control device and controller  
**(51)** Int. Cl.  
**G06F 3/00** ( 2006.01 )  
**G05B 13/02** ( 2006.01 )  
**G06F 17/00** ( 2006.01 )  
**(87)** WO2015/024074  
**(31)** 2013903135 **(32)** 19.08.13 **(33)** AU  
**(43)** 26.02.2015  
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**(72)** Hawkins, Ray; Baker, Geoff  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Axonics Modulation Technologies, Inc.  
**(11)** AU-B-2015301489  
**(21)** 2015301489 **(22)** 14.08.2015  
**(54)** External pulse generator device and associated methods for trial nerve stimulation  
**(51)** Int. Cl.  
**A61N 1/04** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**(87)** WO2016/025909  
**(31)** 62/038,131 **(32)** 15.08.14 **(33)** US  
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**(43)** 18.02.2016  
**(44)** 23.01.2020  
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**(74)** Spruson & Ferguson

**(71)** Baker Hughes, a GE company, LLC  
**(11)** AU-B-2017343449  
**(21)** 2017343449 **(22)** 19.09.2017  
**(54)** Wellbore completion apparatus and methods utilizing expandable inverted seals  
**(51)** Int. Cl.  
**E21B 43/12** ( 2006.01 )

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**F16J 15/16** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** BASF SE  
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**(21)** 2016316733 **(22)** 01.09.2016  
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**(51)** Int. Cl.  
**C22B 1/00** ( 2006.01 )  
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**(74)** Griffith Hack

**(71)** Baxalta GmbH; Baxalta Incorporated  
**(11)** AU-B-2017272293  
**(21)** 2017272293 **(22)** 07.12.2017  
**(54)** Providing a pharmacokinetic drug dosing regimen  
**(51)** Int. Cl.  
**B23P 17/04** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )  
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**(44)** 23.01.2020  
**(62)** 2014287706  
**(72)** Loew-Baselli, Alexandra; Spotts, Gerald Dickey; Oh, MyungShin  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**Baxalta Incorporated see Baxalta GmbH**  
**(21)** 2017272293

**(71)** Bayer CropScience Aktiengesellschaft  
**(11)** AU-B-2016218054  
**(21)** 2016218054 **(22)** 05.02.2016  
**(54)** Substituted 2-thioimidazolyl-carboxamides as pest control agents  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A01N 43/50** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
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**(87)** WO2016/128298  
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**(71)** Becton, Dickinson and Company  
**(11)** AU-B-2018204890  
**(21)** 2018204890 **(22)** 05.07.2018  
**(54)** System and method for preparing a pharmaceutical compound  
**(51)** Int. Cl.  
**G01G 21/28** ( 2006.01 )  
**G01G 19/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )

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**(44)** 23.01.2020  
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**(72)** Sandmann, Christian; Thomas, Matt; Murray, Chris; Hanke, Christian; Hoerner, Helmut; Tannen, Robert; Turpault, Mathieu; Witt, Erik Kurt  
**(74)** FB Rice Pty Ltd

**(71)** Beiersdorf AG  
**(11)** AU-B-2015252341  
**(21)** 2015252341 **(22)** 10.04.2015  
**(54)** Sunscreen having reduced tendency to stain textiles III  
**(51)** Int. Cl.  
**A61K 8/24** ( 2006.01 )  
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**A61K 8/365** ( 2006.01 )  
**A61K 8/55** ( 2006.01 )  
**A61Q 17/04** ( 2006.01 )

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**(74)** Shelston IP Pty Ltd.

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**(71)** Biological E Limited  
**(11)** AU-B-2015348922  
**(21)** 2015348922 **(22)** 17.11.2015  
**(54)** Codon optimized polynucleotide for high level expression of CRM197  
**(51)** Int. Cl.  
**C12N 15/70** ( 2006.01 )  
**C07K 14/34** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
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**(43)** 26.05.2016  
**(44)** 23.01.2020  
**(72)** Akshay Goel; Ravi Pratap Narayan Mishra; Narender Dev Mantena; Mahima Datla  
**(74)** Griffith Hack

**(71)** Biosense Webster (Israel) Ltd.  
**(11)** AU-B-2017254900  
**(21)** 2017254900 **(22)** 01.11.2017  
**(54)** WIRELESS CATHETER WITH BASE WIRELESS TRANSCIEVER  
**(51)** Int. Cl.  
**A61M 25/095** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**(43)** 23.11.2017  
**(44)** 23.01.2020  
**(62)** 2013206431  
**(72)** Govari, Assaf  
**(74)** Spruson & Ferguson

**(71)** Blockchain It Solutions Pty Ltd  
**(11)** AU-B-2018386714  
**(21)** 2018386714 **(22)** 19.12.2018  
**(54)** A system and method for implementing a computer network  
**(51)** Int. Cl.  
**G06F 21/10** ( 2013.01 )  
**G06Q 90/00** ( 2006.01 )  
**H04L 29/06** ( 2006.01 )

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**(31)** 2017905067 **(32)** 19.12.17 **(33)** AU  
**(43)** 27.06.2019  
**(44)** 23.01.2020  
**(72)** Robison, Zackery  
**(74)** Adams Pluck

**(71)** Blue Prairie Brands, Inc  
**(11)** AU-B-2015328426  
**(21)** 2015328426 **(22)** 05.10.2015  
**(54)** Low bitter chicory products  
**(51)** Int. Cl.  
**A21D 2/36** ( 2006.01 )  
**(87)** WO2016/057382  
**(31)** 62/060,399 **(32)** 06.10.14 **(33)** US  
 62/128,432 04.03.15 US  
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**(43)** 14.04.2016  
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**(72)** Peet, Richard C.; Justice, Brad  
**(74)** Knightsbridge Patent Attorneys

**(71)** BOE Technology Group Co., Ltd.; Beijing BOE Optoelectronics Technology Co., Ltd.  
**(11)** AU-B-2017332966  
**(21)** 2017332966 **(22)** 28.07.2017  
**(54)** Touch display panel and display device  
**(51)** Int. Cl.  
**G06F 3/041** ( 2006.01 )  
**(87)** WO2018/126658  
**(31)** 201710002677.2 **(32)** 03.01.17 **(33)** CN  
**(43)** 19.07.2018  
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**(72)** Li, Jinyu; Li, Yue; Li, Yanchen  
**(74)** Griffith Hack

**(71)** BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.  
**(11)** AU-B-2017408796  
**(21)** 2017408796 **(22)** 18.07.2017  
**(54)** Display panel, display apparatus, method of detecting crack in sealant layer of

display panel, and method of fabricating display panel  
**(51)** Int. Cl.  
**G09G 3/00** ( 2006.01 )  
**(43)** 07.02.2019  
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**(72)** Zhou, Zhenli; Jiang, Zhiliang; Liang, Yinan  
**(74)** Griffith Hack

**(71)** Borealis AG  
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**(54)** Polymer composition for adhesive applications  
**(51)** Int. Cl.  
**C09J 123/08** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**C08L 23/08** ( 2006.01 )  
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**(31)** 16173002.3 **(32)** 03.06.16 **(33)** EP  
**(43)** 07.12.2017  
**(44)** 23.01.2020  
**(72)** Fagrel, Ola; Yalalov, Denis; Ek, Carl-Gustaf; Sönmez, Anil  
**(74)** Golja Haines & Friend

**(71)** Boston Scientific Neuromodulation Corporation  
**(11)** AU-B-2019200554  
**(21)** 2019200554 **(22)** 29.01.2019  
**(54)** Systems and methods for receiving user-provided selection of electrode lists  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61N 1/372** ( 2006.01 )  
**(43)** 14.02.2019  
**(44)** 23.01.2020  
**(62)** 2015321576  
**(72)** MOFFITT, Michael A.; HERSHEY, Bradley Lawrence; ZHU, Changfang; PARAMON, Jordi; KOTHANDARAMAN, Sridhar  
**(74)** Spruson & Ferguson

**(71)** Boston Scientific Scimed, Inc.  
**(11)** AU-B-2018256401  
**(21)** 2018256401 **(22)** 19.04.2018  
**(54)** Variable length vascular occlusion system  
**(51)** Int. Cl.  
**A61B 17/12** ( 2006.01 )  
**(87)** WO2018/195236  
**(31)** 62/487,269 **(32)** 19.04.17 **(33)** US  
**(43)** 25.10.2018  
**(44)** 23.01.2020  
**(72)** Tassoni, Nicholas L.; Le, Khoi; Johnson, Jeffrey D.  
**(74)** Spruson & Ferguson

**(71)** C.R. Bard, Inc  
**(11)** AU-B-2019201673  
**(21)** 2019201673 **(22)** 12.03.2019  
**(54)** Urinary catheter  
**(51)** Int. Cl.  
**A61L 29/08** ( 2006.01 )

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**(74)** Spruson & Ferguson

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**(11)** AU-B-2017372943  
**(21)** 2017372943 **(22)** 06.12.2017  
**(54)** Beverage brewing machine  
**(51)** Int. Cl.  
**A47J 31/46** ( 2006.01 )  
**A47J 31/00** ( 2006.01 )  
**(87)** WO2018/104886  
**(31)** 102016000123870 **(32)** 06.12.16 **(33)** IT  
**(43)** 14.06.2018  
**(44)** 23.01.2020  
**(72)** Doglioni Majer, Andrea  
**(74)** FB Rice Pty Ltd

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**(11)** AU-B-2017279695  
**(21)** 2017279695 **(22)** 20.12.2017  
**(54)** SYSTEM AND METHOD FOR DETERMINING INDIVIDUALIZED MEDICAL INTERVENTION FOR A DISEASE STATE  
**(51)** Int. Cl.  
**G01N 33/48** ( 2006.01 )  
**(43)** 18.01.2018  
**(44)** 23.01.2020  
**(62)** 2016201396  
**(72)** Van Hoff, Daniel D.; Penny, Robert  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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**(11)** AU-B-2016248062  
**(21)** 2016248062 **(22)** 13.04.2016  
**(54)** Tooling for creating tapered opening in tissue and related methods  
**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**(87)** WO2016/168363  
**(31)** 62/147,548 **(32)** 14.04.15 **(33)** US  
**(43)** 20.10.2016  
**(44)** 23.01.2020  
**(72)** Axelrod, Michael A.; Tudor, Letitia  
**(74)** FB Rice Pty Ltd

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**(11)** AU-B-2018213920  
**(21)** 2018213920 **(22)** 10.01.2018  
**(54)** Frequency fire extinguisher  
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**A62C 2/00** ( 2006.01 )  
**A62C 2/04** ( 2006.01 )  
**(87)** WO2018/140237  
**(31)** 15/415,757 **(32)** 25.01.17 **(33)** US  
**(43)** 02.08.2018  
**(44)** 23.01.2020  
**(72)** Casamento, Michael  
**(74)** Griffith Hack

**(71)** CASIO COMPUTER CO., LTD.  
**(11)** AU-B-2018204594  
**(21)** 2018204594 **(22)** 25.06.2018  
**(54)** Graph display method, graph generating method, electronic device, and recording medium  
**(51)** Int. Cl.  
**G06F 3/14** ( 2006.01 )  
**G06F 17/10** ( 2006.01 )  
**(31)** 2017-124345 **(32)** 26.06.17 **(33)** JP  
 2018-101641 28.05.18 JP  
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**(72)** SUZUKI, Miki  
**(74)** Griffith Hack

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**(54)** Methods of synthesizing a prostacyclin analog  
**(51)** Int. Cl.  
**C07C 51/347** ( 2006.01 )  
**C07C 205/57** ( 2006.01 )  
**C07D 301/32** ( 2006.01 )  
**C07F 7/18** ( 2006.01 )  
**(43)** 18.10.2018  
**(44)** 23.01.2020  
**(62)** 2013355130  
**(72)** HERING, Kirk William; CHAMBOURNIER, Gilles; ENDRES, Gregory William; FEDIJ, Victor; KRELL II, Thomas James; MAHMOUD, Hussein Mahmoud  
**(74)** FB Rice Pty Ltd

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**(71)** Centre National de la Recherche Scientifique (CNRS); San Francisco State University; Ecole Pratique des Hautes Etudes; Universite Paris Descartes  
**(11)** AU-B-2015289086  
**(21)** 2015289086 **(22)** 16.07.2015  
**(54)** Device for assisting the crawling of an infant  
**(51)** Int. Cl.  
**A47D 13/08** ( 2006.01 )  
**(87)** WO2016/009022  
**(31)** 14306163.8 **(32)** 17.07.14 **(33)** EP  
**(43)** 21.01.2016  
**(44)** 23.01.2020  
**(72)** Barbu-Roth, Marianne; Forma, Vincent; Teulier, Caroline; Anderson, David; Provasi, Joelle; Schaal, Benoist  
**(74)** Davies Collison Cave Pty Ltd

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**(21)** 2015401031

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**(71)** CGG Services SA  
**(11)** AU-B-2014339144  
**(21)** 2014339144 **(22)** 17.10.2014  
**(54)** Desktop hyperspectral spectra collection of geological material  
**(51)** Int. Cl.  
**G01V 99/00** ( 2009.01 )

**G01N 21/3563** ( 2014.01 )  
**G01V 8/12** ( 2006.01 )  
**(87)** WO2015/059058  
**(31)** 61/894,108 **(32)** 22.10.13 **(33)** US  
**(43)** 30.04.2015  
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**(72)** Ly, Chi Vinh  
**(74)** FPA Patent Attorneys Pty Ltd

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**Chae, J.O. see Kweon, E.D.**  
**(21)** 2018202734

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**(71)** Chan, C.  
**(11)** AU-B-2015267876  
**(21)** 2015267876 **(22)** 19.05.2015  
**(54)** Hose nut, water hose assembly comprising hose nut and shower system comprising water hose assembly  
**(51)** Int. Cl.  
**F16L 33/00** ( 2006.01 )  
**(87)** WO2015/180579  
**(31)** 62/003,629 **(32)** 28.05.14 **(33)** US  
 14/657,290 13.03.15 US  
 20 2015 101159.8 09.03.15 DE  
**(43)** 03.12.2015  
**(44)** 23.01.2020  
**(72)** Chan, Chesta  
**(74)** WRAYS PTY LTD

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**Chengdu BOE Optoelectronics Technology Co., Ltd. see BOE Technology Group Co., Ltd.**  
**(21)** 2017408796

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**(71)** Chia Tai Tianqing Pharmaceutical Group Co., Ltd.  
**(11)** AU-B-2015392050  
**(21)** 2015392050 **(22)** 23.04.2015  
**(54)** Fumarate of pyridylamine compound and crystals thereof  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2016/169030  
**(43)** 27.10.2016  
**(44)** 23.01.2020  
**(72)** Zhao, Rui; Meng, Qingyi; Li, Xinlu; Zhang, Xiquan  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Children's Medical Center Corporation  
**(11)** AU-B-2018201649  
**(21)** 2018201649 **(22)** 07.03.2018  
**(54)** SAPOSIN-A DERIVED PEPTIDES AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(43)** 29.03.2018

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 (72) Watnick, Randolph  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-B-2017352992  
 (21) 2017352992 (22) 02.11.2017  
 (54) Connector, connecting and snap-locking structure for combined object-supporting carrier board, and combined object-supporting carrier board  
 (51) Int. Cl.  
**B65D 19/32** ( 2006.01 )  
 (87) WO2018/082618  
 (31) 201610974728.3 (32) 07.11.16 (33) CN  
 (43) 11.05.2018  
 (44) 23.01.2020  
 (72) Chi, Jie; Li, Jutian  
 (74) Davies Collison Cave Pty Ltd
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**C11D 3/04** ( 2006.01 )  
**C11D 17/00** ( 2006.01 )  
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**B65B 31/04** ( 2006.01 )  
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**A61F 2/24** ( 2006.01 )  
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 (51) Int. Cl.  
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**A61K 8/81** ( 2006.01 )  
**A61K 8/89** ( 2006.01 )  
**A61K 8/891** ( 2006.01 )  
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**E21B 44/00** ( 2006.01 )  
**G01V 1/40** ( 2006.01 )  
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**F27D 1/16** ( 2006.01 )  
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**D21H 11/18** ( 2006.01 )  
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**(54)** Medical tubes for respiratory systems  
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**A61M 16/08** ( 2006.01 )  
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**A61B 5/00** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**A62B 18/00** ( 2006.01 )  
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**(74)** AJ PARK

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**A61F 2/24** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**B67D 1/08** ( 2006.01 )  
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**A61M 1/28** ( 2006.01 )  
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**A61G 7/14** ( 2006.01 )  
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*B01D 63/02* ( 2006.01 )  
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*C02F 1/56* ( 2006.01 )  
*C08L 79/04* ( 2006.01 )  
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*A61K 35/74* ( 2006.01 )  
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*A61P 11/00* ( 2006.01 )  
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*A61K 31/422* ( 2006.01 )  
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*A61P 1/16* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
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*C07D 413/12* ( 2006.01 )  
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*A61K 31/5383* ( 2006.01 )  
*A61K 31/542* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )  
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*H04L 1/00* ( 2006.01 )  
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 architectural opening covering as-  
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**A61P 31/12** ( 2006.01 )  
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**G06K 9/62** ( 2006.01 )  
**B07C 5/342** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
**E21F 5/00** ( 2006.01 )  
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**(71)** Jurong Shipyard Pte Ltd.  
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**(54)** Floating vessel  
**(51)** Int. Cl.  
**B63B 35/44** ( 2006.01 )  
**B63B 21/04** ( 2006.01 )  
**E21B 17/01** ( 2006.01 )  
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**(51)** Int. Cl.  
**B63B 35/40** ( 2006.01 )  
**B63B 35/50** ( 2006.01 )  
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**G16B 20/00** ( 2019.01 )  
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**(21)** 2017216594 **(22)** 18.08.2017  
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**(51)** Int. Cl.  
**C12N 5/0797** ( 2010.01 )  
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**(51)** Int. Cl.  
**D21H 19/74** ( 2006.01 )  
**D21H 17/33** ( 2006.01 )  
**D21H 27/00** ( 2006.01 )  
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**B41J 2/01** ( 2006.01 )  
**C09D 11/52** ( 2014.01 )  
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**F28D 21/00** ( 2006.01 )  
**F28F 13/18** ( 2006.01 )  
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*H04L 1/16* ( 2006.01 )

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*A61K 31/4985* ( 2006.01 )  
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<b>2013382370</b>	Lonza Ltd	<b>2015274885</b>	Sensormatic Electronics LLC
<b>2014202121</b>	Q-linea AB	<b>2015277053</b>	Lohocla Research Corporation
<b>2014204064</b>	Microsoft Technology Licensing, LLC	<b>2015280078</b>	Actuant Corporation
<b>2014213134</b>	Hanmi Pharm. Co., Ltd.	<b>2015280216</b>	Corning Optical Communications LLC
<b>2014218931</b>	Regeneron Pharmaceuticals, Inc.	<b>2015286886</b>	De' Longhi Appliances S.r.l.
<b>2014225480</b>	Xyleco, Inc.	<b>2015289086</b>	Centre National de la Recherche Scientifique (CNRS); San Francisco State University; Ecole Pratique des Hautes Etudes; Universite Paris Descartes
<b>2014229176</b>	Coretherapix SLU		Sony Corporation
<b>2014249236</b>	Yodlee, Inc.	<b>2015296128</b>	Epp, K.
<b>2014256398</b>	Iona Automotive Pty Ltd	<b>2015296773</b>	Axonics Modulation Technologies, Inc.
<b>2014261278</b>	Eracles-Technology	<b>2015301489</b>	SDS Biotech K.K.
<b>2014268117</b>	mPort Ltd	<b>2015302822</b>	St. Jude Medical Systems AB
<b>2014284152</b>	Ionis Pharmaceuticals, Inc.	<b>2015308394</b>	Raytheon Company
<b>2014286872</b>	Formation Biologics Inc.	<b>2015312420</b>	Qbo Coffee GmbH
<b>2014287013</b>	President and Fellows of Harvard College	<b>2015320870</b>	Cool Planet Energy Systems, Inc.
<b>2014293102</b>	Ansaldo STS USA, Inc.	<b>2015328426</b>	Blue Prairie Brands, Inc
<b>2014302784</b>	NexImmune	<b>2015329247</b>	Kurita Water Industries Ltd.
<b>2014302811</b>	X-Body, Inc.	<b>2015329999</b>	Cosmo Technologies Ltd
<b>2014305109</b>	Ocean Team Group A/S	<b>2015332140</b>	Swellfix UK Limited
<b>2014308566</b>	Automatic Technology (Australia) Pty Ltd	<b>2015333980</b>	Qualcomm Incorporated
<b>2014314151</b>	Katholieke Universiteit Leuven	<b>2015336245</b>	Mutualink, Inc.
<b>2014318637</b>	Eagle Biologics, Inc.	<b>2015339087</b>	Janssen Pharmaceutica NV.
<b>2014318691</b>	Eagle Biologics, Inc.	<b>2015344450</b>	Deuxventorio Sarl
<b>2014318696</b>	Eagle Biologics, Inc.	<b>2015345267</b>	Low & Bonar B.V.
<b>2014318725</b>	Eagle Biologics, Inc.	<b>2015348922</b>	Biological E Limited
<b>2014320246</b>	Amgen Inc.; Amgen Research (Munich) GmbH	<b>2015349026</b>	Merck Patent GmbH
<b>2014339144</b>	CGG Services SA	<b>2015352017</b>	Alexander, M.
<b>2014342017</b>	Allergan, Inc.	<b>2015352452</b>	TomTom Telematics B.V.
<b>2014359488</b>	Gerolymatos International S.A.	<b>2015352559</b>	Anheuser-Busch InBev S.A.
<b>2014366783</b>	Trispera Dental Inc.	<b>2015353654</b>	The Coca-Cola Company
<b>2014371934</b>	Daiichi Sankyo Company, Limited; Sapporo Medical University	<b>2015354875</b>	Statoil Petroleum AS
<b>2014374036</b>	Google LLC	<b>2015359425</b>	Ruag Ammotec AG
<b>2014374253</b>	Cook Regentec LLC	<b>2015360583</b>	The California Institute for Biomedical Research; The Scripps Research Institute
<b>2014374421</b>	Facebook, Inc.	<b>2015364253</b>	Oregon Health & Science University; Sanofi Pasteur, Inc.
<b>2014412084</b>	Parafoil Design & Engineering Pte Ltd	<b>2015366190</b>	Janssen Pharmaceutica NV
<b>2014415515</b>	Dow Global Technologies LLC; Rohm and Haas Com- pany	<b>2015367622</b>	Leman Micro Devices SA
<b>2015205342</b>	Agrawal, B.; Kumar, R.	<b>2015367711</b>	Norwegian Innovation Technology Group AS
<b>2015205350</b>	Colorobbia Italia S.p.A.	<b>2015369307</b>	Kuraray Co., Ltd.
<b>2015206336</b>	University of Southern California; Illumina, Inc.	<b>2015370671</b>	Angloco Limited
<b>2015208819</b>	Pfizer Inc.	<b>2015381853</b>	Razer (Asia-Pacific) Pte. Ltd.
<b>2015212418</b>	Cosmo Technologies Limited	<b>2015385097</b>	Gaia S.r.l.
<b>2015213293</b>	Joy Global Surface Mining Inc	<b>2015392050</b>	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
<b>2015215872</b>	Haze Ag Pty Ltd	<b>2015392664</b>	Dow Global Technologies LLC; Rohm and Haas Com- pany
<b>2015230978</b>	DePuy Synthes Products, Inc.	<b>2015393435</b>	PayPal, Inc.
<b>2015231278</b>	Alkermes Pharma Ireland Limited	<b>2015401031</b>	Petróleo Brasileiro S.A. - Petrobras; Cezário, W.; Me- nezes, R.; Portugal, P.; De Campos, R.; Vieira Lima, G.; Da Silva, P.
<b>2015232050</b>	Fisher & Paykel Healthcare Limited	<b>2015410097</b>	Huawei Technologies Co., Ltd.
<b>2015234352</b>	Medos International Sarl	<b>2016204154</b>	Oticon Medical A/S
<b>2015242353</b>	St. Jude Medical Systems AB	<b>2016204526</b>	Adobe Inc.
<b>2015245313</b>	Stabilitech Ltd	<b>2016206557</b>	Herman Miller, Inc.
<b>2015246179</b>	Nichiha Corporation	<b>2016211061</b>	Oxford University Innovation Limited; Universidade Es- tadual Paulista "Julio de Mesquita Filho" - UNESP
<b>2015249797</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2016215557</b>	Honeywell International Inc.
<b>2015252341</b>	Beiersdorf AG	<b>2016215576</b>	Honeywell International Inc.
<b>2015253669</b>	LifeCell Corporation	<b>2016217549</b>	Visa International Service Association
<b>2015256601</b>	Foldax, Inc.	<b>2016217885</b>	Chr. Hansen A/S
<b>2015257651</b>	Panoptes Pharma Ges.m.b.H.	<b>2016218054</b>	Bayer CropScience Aktiengesellschaft
<b>2015261115</b>	Electrolux Appliances Aktiebolag	<b>2016221966</b>	Medela Holding AG
<b>2015261571</b>	Lifefzone Limited	<b>2016222546</b>	Ionis Pharmaceuticals, Inc.
<b>2015263833</b>	Ozuno Holdings Limited	<b>2016223268</b>	Jurong Shipyard Pte Ltd.
<b>2015264242</b>	Longyear TM, Inc.	<b>2016223269</b>	Jurong Shipyard Pte Ltd.
<b>2015264930</b>	Seminis Vegetable Seeds, Inc.	<b>2016223349</b>	Imertech SAS
<b>2015265868</b>	Inoptec Limited, Zweigniederlassung Deutschland		
<b>2015265871</b>	Ventana Medical Systems, Inc.		
<b>2015266592</b>	Selane Products, Inc.		
<b>2015267876</b>	Chan, C.		
<b>2015268594</b>	Allen-Vanguard Corporation		
<b>2015270941</b>	Microsoft Technology Licensing, LLC		

Applications Accepted - Numerical Index cont'd

2016226206	Qualcomm Incorporated	2017247687	Fiberlean Technologies Limited
2016232473	Ecolab AB	2017249385	Purac Biochem BV
2016243903	The Regents of the University of Colorado, A Body Corporate	2017253939	Stadlmann, K.
2016243942	Ecolab USA Inc.	2017254900	Biosense Webster (Israel) Ltd.
2016245932	Thales	2017254960	Pacific Edge Limited
2016247296	Qualcomm Incorporated	2017260678	Planet GDZ AG
2016248062	Cartiva, Inc.	2017261574	Clarence Pty Ltd
2016252858	Graco Minnesota Inc.	2017264987	Profusa, Inc.
2016254105	Allnex Austria GmbH	2017265007	The Board of Trustees of the Leland Stanford Junior University
2016256338	Kimberly-Clark Worldwide, Inc.	2017265011	Mallinckrodt Hospital Products IP Limited
2016270101	Jiangsu Tasly Diyi Pharmaceutical Co., Ltd.	2017265105	FISHER & PAYKEL HEALTHCARE LIMITED
2016271762	Shionogi & Co., Ltd.	2017267084	Mack Rides GmbH & Co. KG
2016275716	Almirall, S.A.	2017269280	Ab Initio Technology LLC
2016276316	AbbVie Inc.	2017272280	DOTS Technology Corp.
2016276503	Zhou, J.	2017272293	Baxalta GmbH; Baxalta Incorporated
2016277349	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	2017272294	NuVasive, Inc.
2016278313	Sharp Kabushiki Kaisha	2017273755	Borealis AG
2016278768	General Electric Company	2017276329	The Trustees of the University of Pennsylvania
2016279532	Inter-University Research Institute Corporation National Institutes of Natural Sciences; Tokai Optical Co., Ltd.	2017276574	RKW Agri GmbH & Co. KG
2016284638	Curovir AB	2017277562	W. L. Gore & Associates, Inc.
2016284654	Takeda Pharmaceutical Company Limited	2017278327	Medtronic Vascular Inc.
2016287335	Merck Patent GmbH	2017279695	Caris MPI, Inc.
2016291163	Daiichi Sankyo Company, Limited; Sanford Burnham Prebys Medical Discovery Institute	2017279772	Godo Kaisha IP Bridge 1
2016294055	The Yokohama Rubber Co., Ltd.	2017280326	Alibaba Group Holding Limited
2016295877	Kverneland Group Kerteminde AS	2017283553	Decision Sciences International Corporation
2016299573	Seoul National University R&DB Foundation; Total PS Co., Ltd	2017284109	Gilead Sciences, Inc.
2016299853	Outotec (Finland) Oy; Swiss Tower Mill Minerals AG	2017297961	Samsung Electronics Co., Ltd.
2016308372	Qualcomm Incorporated	2017300611	Polytex Sportbeläge Produktions-GmbH
2016316733	BASF SE	2017304473	Melos GmbH
2016325979	Alibaba Group Holding Limited	2017304617	Wieth, F.; Filosi, A.
2016332491	Siemens Mobility GmbH	2017304900	University of Johannesburg
2016352500	Lee, B.D.	2017309883	Meishan CRRC Fastening System Co., Ltd
2016355184	ELC Management LLC	2017314586	LG Electronics Inc.
2016357960	Alfa Laval Corporate AB	2017315091	Pharmacotherapy D.O.O.
2016358058	ELC Management LLC	2017324520	Ecolab USA Inc.
2016362408	NEC Corporation of America	2017329098	Ping An Technology (Shenzhen) Co., Ltd.
2016363000	Emulate, Inc.	2017330333	Equifax Inc.
2016378425	Alibaba Group Holding Limited	2017332966	BOE Technology Group Co., Ltd.; Beijing BOE Optoelectronics Technology Co., Ltd.
2016379003	ArcelorMittal	2017336039	Daikin Industries, Ltd.
2016395118	Nisshin Steel Co., Ltd.	2017340252	Qualcomm Incorporated
2016404863	Huawei Technologies Co., Ltd.	2017341387	Shell Internationale Research Maatschappij B.V.
2016413017	Jiangsu Huifeng Bio Agriculture Co., Ltd.	2017343449	Baker Hughes, a GE company, LLC
2016429694	Colgate-Palmolive Company	2017343503	Neste Oyj
2017201694	Fresenius Medical Care Holdings, Inc.	2017345039	Northrop Grumman Systems Corporation
2017202745	Masergy Communications, Inc.	2017349615	Red Bull GmbH
2017203398	ESCO Group LLC	2017349616	Red Bull GmbH
2017206480	Nine B Co., Ltd.	2017352992	China Merchants Loscam (Asia Pacific) Co., Limited
2017207774	Freezio AG	2017353985	The Procter & Gamble Company
2017210081	3M Innovative Properties Company	2017372943	CARIMALI S.P.A.
2017212651	University of Mississippi	2017379560	Essity Hygiene and Health Aktiebolag
2017215955	Green Cross Lab Cell Corporation	2017381312	ABB Schweiz AG
2017216594	Kido, T.	2017394645	Omnione, Inc.
2017216717	The Yokohama Rubber Co., Ltd.	2017399399	Ping An Technology (Shenzhen) Co., Ltd.
2017224834	Wieth, F.; Filosi, A.	2017400464	Miyamoto Corporation
2017227409	LG Electronics Inc.	2017403346	Chrysos Corporation Limited
2017227412	LG Electronics Inc.	2017404355	Fuji Corporation
2017229437	iLOQ Oy	2017408715	Mitsubishi Electric Corporation
2017236292	UPM-Kymmene Corporation	2017408796	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
2017237727	Qualcomm Incorporated	2018200135	Innoway Co., Ltd
2017240494	The Gillette Company LLC	2018200299	Drylock Technologies NV
2017240835	Ningbo Fotile Kitchen Ware Co., Ltd	2018200300	Drylock Technologies NV
2017241256	The Gillette Company LLC	2018200702	Dolby Laboratories Licensing Corporation
2017242643	NK Trading and Engineering GmbH	2018200864	Clover Network, Inc.
2017244262	LG Electronics Inc.	2018201020	Hunter Douglas Inc.
2017245353	IvWatch, LLC	2018201071	University of Washington
2017246905	Pride Mobility Products Corporation	2018201126	MINEX CRC LTD
2017247492	Toyo Suisan Kikai Co., Ltd.	2018201645	Sloan-Kettering Institute for Cancer Research
		2018201649	Children's Medical Center Corporation
		2018202073	Toyota Jidosha Kabushiki Kaisha

Applications Accepted - Numerical Index cont'd

2018202302	MeMed Diagnostics Ltd.	2019203887	miCure Therapeutics Ltd.
2018202319	Fare S.R.L.	2019272005	Edwards Lifesciences Corporation
2018202539	Dialight Corporation	2019272006	Edward Lifesciences CardiAQ LLC
2018202734	Kweon, E.D.; Chae, J.O.	2019272013	Edwards Lifesciences Corporation
2018202738	Snap-on Incorporated	2019283879	ViaSat, Inc.
2018202749	Toyota Jidosha Kabushiki Kaisha		
2018203144	THORIUM POWER, INC.		
2018203843	Xyleco, Inc.		
2018203997	Dominion Energy Technologies, Inc.; Lockheed Martin Corporation		
2018204154	DSM IP Assets B.V.		
2018204374	Cmech (Guangzhou) Ltd.		
2018204449	Gilead Sciences, Inc.		
2018204536	Monsanto Technology LLC		
2018204578	Monsanto Technology LLC		
2018204594	CASIO COMPUTER CO., LTD.		
2018204857	Adaptive Symbiotic Technologies LLC		
2018204890	Becton, Dickinson and Company		
2018205138	NTT DOCOMO, INC.		
2018206748	LG Electronics Inc.		
2018213920	Casamento, M.		
2018214058	Sungbo Industrial Co., Ltd.		
2018217310	Depuy Synthes Products, LLC		
2018220025	linjec Technologies Inc.		
2018222906	Klin, A.; Jones, W.; Schultz, S.		
2018223167	Zactrack GmbH		
2018223411	Huawei Technologies Co., Ltd.		
2018224105	Pride Mobility Products Corporation		
2018226374	Depuy Synthes Products, LLC		
2018226450	ES Xplore, L.L.C.		
2018226454	ES Xplore, L.L.C.		
2018226488	The Rockefeller University		
2018229463	Jiangsu Goldwind Science & Technology Co., Ltd.		
2018229471	Mayo Foundation for Medical Education and Research		
2018230932	Sonos, Inc.		
2018232301	Siemens Aktiengesellschaft		
2018233009	Cayman Chemical Company Incorporated		
2018233665	Alfa Laval Olmi S.p.A		
2018236819	Turun yliopisto		
2018237087	Apple Inc.		
2018248544	Stage Tec Entwicklungsgesellschaft für Professionelle Audiotechnik MbH		
2018256401	Boston Scientific Scimed, Inc.		
2018260973	Edward Lifesciences CardiAQ LLC		
2018261519	GE Oil & Gas Pressure Control LP		
2018263994	Medos International Sarl		
2018267652	Jennewein Biotechnologie GmbH		
2018278883	Enable Injections, Inc.		
2018279023	Milacron LLC; Consolidated Container Company LP		
2018280235	Alibaba Group Holding Limited		
2018282434	Wonderland Switzerland AG		
2018282438	Wonderland Switzerland AG		
2018282442	Wonderland Switzerland AG		
2018291215	Harima Chemicals, Incorporated		
2018303579	Alteryx, Inc.		
2018308713	Ridha, H.		
2018386714	Blockchain It Solutions Pty Ltd		
2018413638	Jiddu, Inc.		
2019200077	Yamaha Hatsudoki Kabushiki Kaisha		
2019200226	GlaxoSmithKline Intellectual Property Development Limited		
2019200554	Boston Scientific Neuromodulation Corporation		
2019200674	Pro-Iroda Industries, Inc.		
2019200697	GAMBRO LUNDIA AB		
2019201383	Sony Corporation		
2019201627	SafeSharp Technologies Corporation		
2019201673	C.R. Bard, Inc		
2019202169	President and Fellows of Harvard College		
2019202290	NeoVasc Tiara Inc.		
2019203453	Meagan Medical, Inc.		
2019203495	Omega Ophthalmics LLC		
2019203603	Strictly Stairs Australia Pty Ltd		



IPC Index

<b><u>A01C 17 /-</u></b>	<b><u>A23C 19 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61F 5 /-</u></b>	2017315091	2015232050
2015215872	2016217885	2017227409	2015266592	2018201071	2017265105
	<b><u>A23C 9 /-</u></b>	2017244262		2018201649	<b><u>A61M 25 /-</u></b>
<b><u>A01C 7 /-</u></b>	2016217885	2017314586	<b><u>A61F 9 /-</u></b>	2018226488	
2015215872		<b><u>A61B 1 /-</u></b>	2015249797	<b><u>A61K 39 /-</u></b>	2014374253
	<b><u>A23D 9 /-</u></b>	2015230978	2015265868	2014302784	2017254900
<b><u>A01D 34 /-</u></b>	2018204154	2017272294	2016243903	2014318637	2019201627
2016295877		<b><u>A61B 17 /-</u></b>	<b><u>A61G 15 /-</u></b>	2014318691	2019202290
	<b><u>A23L 13 /-</u></b>	2015234352	2017246905	2014318696	<b><u>A61M 29 /-</u></b>
<b><u>A01D 44 /-</u></b>	2018204154	2015344450	<b><u>A61G 5 /-</u></b>	2014318725	
2015367711		2016248062	2017246905	2014320246	2019272005
	<b><u>A23L 2 /-</u></b>	2017277562	2018224105	2014371934	2019272013
<b><u>A01D 75 /-</u></b>	2017349615	2018256401	<b><u>A61G 7 /-</u></b>	2015205342	<b><u>A61M 5 /-</u></b>
2016295877	2017349616	2018308713	2017246905	2015245313	2015253669
	<b><u>A23L 27 /-</u></b>	<b><u>A61B 5 /-</u></b>	2017404355	2015364253	2017272293
<b><u>A01G 7 /-</u></b>	2018204154	2015242353	<b><u>A61K 47 /-</u></b>	2018224105	2018220025
2017400464		2015308394	2014318637	2018278883	2019201627
	<b><u>A23L 3 /-</u></b>	2015367622	2014318691		<b><u>A61N 1 /-</u></b>
<b><u>A01H 5 /-</u></b>	2017349615	2016279532	2014318696		
2015264930	2017349616	2017245353	2014318725		2015271098
	2018200135	2017254900	2014342017		2015301489
<b><u>A01K 79 /-</u></b>		2017261574	2014371934		2016204154
2015367711	<b><u>A23L 33 /-</u></b>	2017264987	2015231278	<b><u>A61K 48 /-</u></b>	2019200554
	2017206480	2017265105	2015245313	2014284152	2019203453
<b><u>A01N 1 /-</u></b>	2018267652	2018222906	2015257651		<b><u>A61P 1 /-</u></b>
2017215955	<b><u>A47C 1 /-</u></b>	<b><u>A61B 6 /-</u></b>	2015277053	<b><u>A61K 49 /-</u></b>	
	2017246905	2017261574	2015329999	2015205350	2017212651
<b><u>A01N 25 /-</u></b>		<b><u>A61C 13 /-</u></b>	2015339087	2015212418	2017284109
2015328022	<b><u>A47C 7 /-</u></b>	2014366783	2015366190		2018267652
2015353654	2017246905	<b><u>A61C 19 /-</u></b>	2015392050	<b><u>A61K 8 /-</u></b>	<b><u>A61P 11 /-</u></b>
	<b><u>A47D 13 /-</u></b>	2014366783	2016222546	2015252341	2014359488
<b><u>A01N 43 /-</u></b>	2015352017	<b><u>A61C 9 /-</u></b>	2016270101	2016355184	2016275716
2015302822	2016206557	2014366783	2016271762	2016358058	2017265011
2016218054	<b><u>A47D 13 /-</u></b>	<b><u>A61C 9 /-</u></b>	2016275716	2016429694	<b><u>A61P 17 /-</u></b>
2016413017	2015289086	2014366783	2016284638		
	<b><u>A47H 13 /-</u></b>	<b><u>A61F 13 /-</u></b>	2016284654	<b><u>A61K 9 /-</u></b>	2015339087
<b><u>A01N 47 /-</u></b>	2014256398	2017379560	2016287335	2014318637	2016275716
2015302822		2018200299	2016291163	2014318691	<b><u>A61P 19 /-</u></b>
	<b><u>A47H 5 /-</u></b>	2018200300	2017206480	2014318696	
<b><u>A01N 57 /-</u></b>	2014256398	<b><u>A61F 2 /-</u></b>	2017212651	2014318725	2015339087
2015360583		2015256601	2017284109	2014342017	2016291163
	<b><u>A47J 31 /-</u></b>	2016243903	2018201645	2015212418	<b><u>A61P 25 /-</u></b>
<b><u>A01P 1 /-</u></b>	2015286886	2017277562	2018236819	2015245313	
2016413017	2015320870	2017278327	2018267652	2017315091	2016275716
	2017372943	2018217310	2019200226	2018204890	2016284654
<b><u>A01P 3 /-</u></b>	<b><u>A47K 5 /-</u></b>	2018226374	<b><u>A61K 33 /-</u></b>	<b><u>A61L 2 /-</u></b>	2016287335
2015302822	2016243942	2018229471	2017265011	2017349615	2019203887
2016413017		2018260973	<b><u>A61K 35 /-</u></b>	<b><u>A61L 29 /-</u></b>	<b><u>A61P 27 /-</u></b>
	<b><u>A47L 5 /-</u></b>	2018263994	2014359488	2019201673	2015257651
<b><u>A21D 2 /-</u></b>	2017227412	2019202290	<b><u>A61K 36 /-</u></b>	<b><u>A61M 1 /-</u></b>	<b><u>A61P 29 /-</u></b>
2015328426	2017244262	2019203495	2017215955	2016221966	2016276316
	2017314586	2019272005	<b><u>A61K 38 /-</u></b>	2017201694	2016284654
<b><u>A22C 25 /-</u></b>		2019272006	2014318691	2019200697	2017284109
2017247492		2019272013	2014318696	<b><u>A61M 16 /-</u></b>	<b><u>A61P 3 /-</u></b>
			2015208819		

Applications Accepted - IPC Index cont'd

2015339087		<b><u>B08B 7 /-</u></b>	2017216717	2018282434	<b><u>C03B 5 /-</u></b>
2016275716	<b><u>A62C 99 /-</u></b>	2014305109	<b><u>B60J 11 /-</u></b>	2018282438	2018202319
2017284109	2015370671	<b><u>B08B 9 /-</u></b>	2014256398	2018282442	
<b><u>A61P 31 /-</u></b>	<b><u>A63B 21 /-</u></b>	2014305109	<b><u>B60K 1 /-</u></b>	<b><u>B62D 25 /-</u></b>	<b><u>C04B 28 /-</u></b>
2014359488	2014261278	2016276503	2018202749	2018202073	2016223349
2016270101	2016352500	<b><u>B21H 3 /-</u></b>	<b><u>B60K 20 /-</u></b>	<b><u>B62K 11 /-</u></b>	<b><u>C04B 40 /-</u></b>
2016271762	<b><u>A63B 71 /-</u></b>	2016276503	2019200077	2019200077	2016223349
2016275716	2014261278	<b><u>B22D 11 /-</u></b>	2019200077	<b><u>B63B 21 /-</u></b>	<b><u>C05F 7 /-</u></b>
2016284638	<b><u>A63G 21 /-</u></b>	2016379003	<b><u>B60K 6 /-</u></b>	2016223268	2017400464
2019200226	2017267084	<b><u>B22F 1 /-</u></b>	2018202749	<b><u>B63B 35 /-</u></b>	<b><u>C07C 205 /-</u></b>
<b><u>A61P 35 /-</u></b>	<b><u>A63G 7 /-</u></b>	2015312420	<b><u>B60L 53 /-</u></b>	2016223268	2018233009
2014286872	2017267084	<b><u>B22F 9 /-</u></b>	2017381312	2016223269	<b><u>C07C 229 /-</u></b>
2014320246	<b><u>B01D 21 /-</u></b>	2015312420	<b><u>B60P 7 /-</u></b>	<b><u>B65B 31 /-</u></b>	2017212651
2014371934	2018201126	<b><u>B23P 17 /-</u></b>	2014256398	2016232473	<b><u>C07C 309 /-</u></b>
2015329999	<b><u>B01D 35 /-</u></b>	2017272293	<b><u>B60Q 1 /-</u></b>	<b><u>B65B 43 /-</u></b>	2015302822
2015366190	2017349616	<b><u>B25B 13 /-</u></b>	2018224105	2016232473	<b><u>C07C 317 /-</u></b>
2015392050	<b><u>B01D 61 /-</u></b>	2018202738	<b><u>B60T 7 /-</u></b>	<b><u>B65B 61 /-</u></b>	2015302822
2016275716	2017349616	<b><u>B25J 11 /-</u></b>	2018224105	2016232473	<b><u>C07C 33 /-</u></b>
2016287335	<b><u>B01D 63 /-</u></b>	2017227409	<b><u>B60W 20 /-</u></b>	<b><u>B65D 1 /-</u></b>	2015302822
2017284109	2019200697	<b><u>B25J 19 /-</u></b>	2019200077	2018279023	<b><u>C07C 43 /-</u></b>
2018201649	<b><u>B01D 65 /-</u></b>	2017227409	<b><u>B60W 30 /-</u></b>	<b><u>B65D 19 /-</u></b>	2015302822
2018226488	2015329247	<b><u>B25J 9 /-</u></b>	2015352452	2017352992	<b><u>C07C 51 /-</u></b>
2018236819	<b><u>B01D 69 /-</u></b>	2017227409	<b><u>B60W 40 /-</u></b>	<b><u>B65D 23 /-</u></b>	2017353985
<b><u>A61P 37 /-</u></b>	2019200697	<b><u>B26B 21 /-</u></b>	2015352452	2018279023	2018233009
2015205342	<b><u>B01D 71 /-</u></b>	2017240494	<b><u>B61J 1 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C07C 59 /-</u></b>
2015339087	2015329247	2017241256	2017267084	2015369307	2017353985
2016275716	2019200697	<b><u>B29C 67 /-</u></b>	<b><u>B61L 1 /-</u></b>	<b><u>B66C 1 /-</u></b>	<b><u>C07D 209 /-</u></b>
2016276316	<b><u>B01F 13 /-</u></b>	2017253939	2014293102	2015280078	2016276316
2016287335	2016299853	<b><u>B32B 27 /-</u></b>	<b><u>B61L 27 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C07D 235 /-</u></b>
2018201645	<b><u>B01J 20 /-</u></b>	2017273755	2016332491	2017207774	2016276316
<b><u>A61P 5 /-</u></b>	2015328022	2017276574	<b><u>B61L 3 /-</u></b>	2018206748	<b><u>C07D 265 /-</u></b>
2016275716	<b><u>B01L 3 /-</u></b>	<b><u>B32B 9 /-</u></b>	2016332491	<b><u>B67D 3 /-</u></b>	2016284654
<b><u>A61P 7 /-</u></b>	2014287013	2015369307	<b><u>B33Y 10 /-</u></b>	2018206748	<b><u>C07D 277 /-</u></b>
2015208819	<b><u>B02C 17 /-</u></b>	2017253939	2017253939	<b><u>C02F 1 /-</u></b>	2015339087
<b><u>A61P 9 /-</u></b>	2016299853	<b><u>B33Y 30 /-</u></b>	<b><u>B61L 7 /-</u></b>	2016278768	<b><u>C07D 301 /-</u></b>
2016275716	<b><u>B05C 17 /-</u></b>	2017253939	2014293102	2017349615	2018233009
2016287335	2016243942	<b><u>B41J 2 /-</u></b>	<b><u>B62B 3 /-</u></b>	2017349616	
2017265011	<b><u>B07C 5 /-</u></b>	2015312420	2017224834	<b><u>C02F 103 /-</u></b>	<b><u>C07D 401 /-</u></b>
<b><u>A61Q 1 /-</u></b>	2018413638	<b><u>B60C 11 /-</u></b>	<b><u>B62B 7 /-</u></b>	2017349615	2015392050
2016355184	2015370671			<b><u>C02F 9 /-</u></b>	2016218054
2016358058					2016276316
<b><u>A61Q 11 /-</u></b>					2017284109
2016429694					
<b><u>A61Q 17 /-</u></b>					
2015252341					
<b><u>A62B 18 /-</u></b>					
2017265105					
<b><u>A62C 2 /-</u></b>					
2018213920					
<b><u>A62C 31 /-</u></b>					
2015370671					

Applications Accepted - IPC Index cont'd

<b><u>C07D 403 /-</u></b>	<b><u>C07H 17 /-</u></b>	2016294055	2015329247	2017254960	<b><u>D06N 7 /-</u></b>
2015360583	2016277349	<b><u>C08L 11 /-</u></b>	<b><u>C12H 3 /-</u></b>	2017265007	2015345267
2016276316				2017394645	
<b><u>C07D 405 /-</u></b>	<b><u>C07H 21 /-</u></b>	2016294055	2015352559	<b><u>C12R 1 /-</u></b>	<b><u>D21C 5 /-</u></b>
2016218054	2016277349	<b><u>C08L 23 /-</u></b>	<b><u>C12M 1 /-</u></b>	2018204857	2014225480
2016276316	2017254960	2017273755	2014287013	<b><u>C21D 1 /-</u></b>	<b><u>D21H 11 /-</u></b>
2016287335	2018204536		2018203843		
	2018204578	<b><u>C08L 79 /-</u></b>		2016379003	2017247687
<b><u>C07D 409 /-</u></b>	<b><u>C07H 3 /-</u></b>	2016278768	<b><u>C12M 3 /-</u></b>	<b><u>C21D 6 /-</u></b>	<b><u>D21H 17 /-</u></b>
2016218054	2018267652		2014287013	2018237087	2016256338
		<b><u>C08L 9 /-</u></b>	2016363000		2018291215
<b><u>C07D 413 /-</u></b>	<b><u>C07J 5 /-</u></b>	2016294055	2019202169	<b><u>C21D 8 /-</u></b>	
2016218054	2015329999			2018237087	<b><u>D21H 19 /-</u></b>
2016284654		<b><u>C09D 11 /-</u></b>	<b><u>C12N 1 /-</u></b>		2016256338
2017284109		2015312420	2014213134	<b><u>C22B 1 /-</u></b>	2017247687
	<b><u>C07K 1 /-</u></b>		2018204857		
<b><u>C07D 417 /-</u></b>	2014318637	<b><u>C09D 133 /-</u></b>	2019202169	2016316733	<b><u>D21H 21 /-</u></b>
2015302822	2014318691			<b><u>C22B 11 /-</u></b>	2018291215
2015339087	2014318696	2014415515	<b><u>C12N 13 /-</u></b>		
2016284654	2014318725	2015392664		2015261571	<b><u>D21H 27 /-</u></b>
	<b><u>C07K 14 /-</u></b>		2014225480		
<b><u>C07D 471 /-</u></b>	2015348922	<b><u>C09D 15 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C22B 3 /-</u></b>	2016256338
2015349026	2015364253	2016254105	2013382370	2015261571	<b><u>E01C 13 /-</u></b>
2016275716	2017254960		2014213134		
2016276316	2017276329	<b><u>C09D 151 /-</u></b>	2014284152	<b><u>C22B 59 /-</u></b>	2017300611
2016284654	2017304900	2015392664	2014302811		2017304473
	2018201649	2016254105	2014371934	2015261571	
<b><u>C07D 487 /-</u></b>	<b><u>C07K 16 /-</u></b>		2015348922		<b><u>E02B 7 /-</u></b>
2015339087		<b><u>C09D 5 /-</u></b>	2018204536	<b><u>C22C 18 /-</u></b>	
2015366190	2014286872	2014415515	2018204578	2016395118	2014412084
2016271762	2014371934		2018226488		<b><u>E02F 3 /-</u></b>
2016276316		<b><u>C09J 123 /-</u></b>	2018236819	<b><u>C22C 21 /-</u></b>	
2016284638	<b><u>C07K 19 /-</u></b>		2019203887		2018214058
2018204449	2018201649	2017273755	<b><u>C12N 5 /-</u></b>	2016395118	<b><u>E02F 9 /-</u></b>
<b><u>C07D 491 /-</u></b>	<b><u>C07K 7 /-</u></b>		2014218931	<b><u>C22C 38 /-</u></b>	
2016276316		<b><u>C09K 5 /-</u></b>	2014229176	2018237087	2017203398
2016284654	2018201649	2016379003	2017215955		2018214058
			2017216594	<b><u>C23C 2 /-</u></b>	<b><u>E03B 11 /-</u></b>
<b><u>C07D 498 /-</u></b>	<b><u>C08F 2 /-</u></b>		2017254960		
2016291163	2016254105	2015401031	2019202169	2016395118	2015296773
2019200226	2018291215			<b><u>C23C 8 /-</u></b>	<b><u>E04F 11 /-</u></b>
		<b><u>C10L 1 /-</u></b>	<b><u>C12N 9 /-</u></b>	2018237087	2019203603
<b><u>C07D 513 /-</u></b>	<b><u>C08F 220 /-</u></b>	2017343503	2016217885		
2016271762			2018201071	<b><u>C25B 1 /-</u></b>	<b><u>E04F 13 /-</u></b>
2019200226	2018291215	<b><u>C10L 5 /-</u></b>		2018232301	2015246179
		2016278768	<b><u>C12P 19 /-</u></b>	<b><u>C25B 11 /-</u></b>	<b><u>E04G 21 /-</u></b>
<b><u>C07D 519 /-</u></b>	<b><u>C08F 267 /-</u></b>		2017236292		
2019200226	2016254105	<b><u>C11B 5 /-</u></b>	2018203843	2018232301	2016299573
		2018204154		<b><u>C25B 3 /-</u></b>	<b><u>E04H 9 /-</u></b>
<b><u>C07F 7 /-</u></b>	<b><u>C08F 285 /-</u></b>		<b><u>C12P 21 /-</u></b>		
2018233009	2016254105	<b><u>C11D 17 /-</u></b>	2017254960	2018232301	2014412084
		2015329247	<b><u>C12P 7 /-</u></b>		
<b><u>C07F 9 /-</u></b>	<b><u>C08G 73 /-</u></b>	2017210081	2014225480	<b><u>C40B 40 /-</u></b>	<b><u>E05B 3 /-</u></b>
2016270101	2016278768	2017324520	2017249385		
			2018203843	2017272280	2018204374
<b><u>C07H 15 /-</u></b>	<b><u>C08J 5 /-</u></b>	<b><u>C11D 3 /-</u></b>		<b><u>D04H 1 /-</u></b>	<b><u>E06B 3 /-</u></b>
2015353654	2017276574	2017324520	<b><u>C12Q 1 /-</u></b>		
2018201645			2013368945	2017210081	2017260678
	<b><u>C08K 3 /-</u></b>	<b><u>C11D 7 /-</u></b>	2015206336		
			2016277349		

Applications Accepted - IPC Index cont'd

<b><u>E06B 5 /-</u></b>	2015385097 2018229463	<b><u>F25J 1 /-</u></b>	2017341387	<b><u>G01N 21 /-</u></b>	2015270941 2017224834	<b><u>G06N 7 /-</u></b>	
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2018201020	2017343449			2016211061			2015393435 2017280326 2017304617 2018200864
<b><u>E21B 17 /-</u></b>	<b><u>F16K 15 /-</u></b>	<b><u>F28D 7 /-</u></b>	2018233665	<b><u>G01N 33 /-</u></b>	2014204064	<b><u>G06F 13 /-</u></b>	
2016223268 2018201126	2015332140			2014302811 2015265871 2016211061 2016363000 2017254960 2017279695 2017304900 2018202302			<b><u>G06Q 40 /-</u></b>
<b><u>E21B 21 /-</u></b>	2015332140	<b><u>F28D 9 /-</u></b>	2016357960	<b><u>G01R 22 /-</u></b>	2014374421	<b><u>G06F 15 /-</u></b>	<b><u>G06Q 90 /-</u></b>
2017242643 2018201126	<b><u>F16L 11 /-</u></b>			2018203997			2014249236
<b><u>E21B 33 /-</u></b>	2016294055	<b><u>F28F 13 /-</u></b>	2015312420	<b><u>G01V 1 /-</u></b>	2014374421 2017329098 2017399399	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 90 /-</u></b>
2015354875	<b><u>F16L 33 /-</u></b>			2018203997			2018386714
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<b><u>E21B 43 /-</u></b>	2019200674	<b><u>F42C 14 /-</u></b>	2015359425	<b><u>G02B 21 /-</u></b>	2015393435 2016217549 2018386714	<b><u>G06F 21 /-</u></b>	<b><u>G07C 9 /-</u></b>
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<b><u>E21B 44 /-</u></b>	2018202734	<b><u>F42C 15 /-</u></b>	2015359425	<b><u>G02B 6 /-</u></b>	<b><u>G06F 3 /-</u></b>		<b><u>G07F 7 /-</u></b>
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<b><u>E21B 49 /-</u></b>	2018202734	<b><u>G01B 21 /-</u></b>	2016299573	<b><u>G03B 7 /-</u></b>	2018303579	<b><u>G06F 9 /-</u></b>	<b><u>G09G 3 /-</u></b>
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<b><u>E21B 7 /-</u></b>	2018202734	<b><u>G01G 19 /-</u></b>	2018204890	<b><u>G02C 7 /-</u></b>	2016378425 2016404863 2018200864	<b><u>G06F 9 /-</u></b>	<b><u>G16B 20 /-</u></b>
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<b><u>F03D 7 /-</u></b>					2017330333		

Applications Accepted - IPC Index cont'd

2018203144	2017237727	<b><u>H04W 52 /-</u></b>
<b><u>G21F 3 /-</u></b>	<b><u>H04L 27 /-</u></b>	2016278313
2017403346	2015268594	<b><u>H04W 56 /-</u></b>
<b><u>H01C 10 /-</u></b>	2016245932	2017237727
2018248544	2016278313	<b><u>H04W 72 /-</u></b>
<b><u>H01F 1 /-</u></b>	2017237727	<b><u>H04L 29 /-</u></b>
2015205350	2016215557	2015296128
<b><u>H01L 31 /-</u></b>	2016215576	2015333980
2015369307	2016226206	2016278313
<b><u>H01Q 1 /-</u></b>	2018230932	2017340252
2017297961	2018386714	2018205138
<b><u>H01Q 5 /-</u></b>	<b><u>H04L 5 /-</u></b>	<b><u>H04W 74 /-</u></b>
2017297961	2015333980	2016308372
<b><u>H02J 3 /-</u></b>	2016308372	<b><u>H04W 8 /-</u></b>
2017336039	2017340252	2015296128
<b><u>H02M 1 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H04W 84 /-</u></b>
2017336039	2016217549	2015336245
<b><u>H02M 7 /-</u></b>	2016325979	<b><u>H05B 33 /-</u></b>
2017336039	<b><u>H04M 1 /-</u></b>	2015263833
<b><u>H04B 1 /-</u></b>	2015381853	2018202539
2015268594	2017224834	<b><u>H05B 37 /-</u></b>
2017224834	2017297961	<b><u>H04N 13 /-</u></b>
<b><u>H04B 5 /-</u></b>	<b><u>H04N 13 /-</u></b>	2018223167
2018200864	2019201383	<b><u>H05B 6 /-</u></b>
<b><u>H04B 7 /-</u></b>	<b><u>H04N 19 /-</u></b>	2015261115
2015336245	2015410097	<b><u>H05K 5 /-</u></b>
2017279772	2019201383	2015381853
2017340252	<b><u>H04N 21 /-</u></b>	<b><u>H05K 7 /-</u></b>
2019283879	2016204526	2018223411
<b><u>H04H 60 /-</u></b>	2016226206	<b><u>H04N 5 /-</u></b>
2018248544	2016204526	2016204526
<b><u>H04J 11 /-</u></b>	2018223167	<b><u>H04R 25 /-</u></b>
2016278313	<b><u>H04W 12 /-</u></b>	2016204154
2017237727	2016217549	<b><u>H04W 16 /-</u></b>
<b><u>H04L 1 /-</u></b>	<b><u>H04W 16 /-</u></b>	2018205138
2016247296	2018205138	<b><u>H04W 24 /-</u></b>
2016278313	<b><u>H04W 24 /-</u></b>	2016278313
2017279772	2016278313	2018205138
<b><u>H04L 12 /-</u></b>	<b><u>H04W 28 /-</u></b>	<b><u>H04W 28 /-</u></b>
2016215557	2017279772	2017279772
2016215576		
<b><u>H04L 25 /-</u></b>		

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

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 (54) Inductive interconnection systems  
 (51) Int. Cl.  
*H02J 50/10* ( 2016.01 )  
*G06F 3/033* ( 2013.01 )  
*H04B 5/00* ( 2006.01 )  
 (45) 23.01.2020  
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) Apple Inc.  
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 (54) Accelerated task performance  
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 (72) WEINSTEIN, Ari; BLATZ, John  
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 (54) A Method for Making a Composite Alcoholic Beverage  
 (51) Int. Cl.  
*C12G 3/04* ( 2019.01 )  
*C12G 3/021* ( 2019.01 )  
*C12H 6/02* ( 2019.01 )  
 (31) 2018901745 (32) 18.05.18 (33) AU  
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**IPC Index**

**B23D 35 /-**

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**B26D 1 /-**

2012100370

**C12G 3 /-**

2019100418

**C12H 6 /-**

2019100418

**G06F 3 /-**

2019100513

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**H02J 50 /-**

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**H04B 5 /-**

2019100513



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2014200949	2014203772	2014212230	2014214917
2014241127	2014241680	2014244010	2014262134
2014265109	2014270517	2014274077	2014281464
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2014320037	2014332024	2014337397	2014340089
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2015224645	2015225939	2015228864	2015228894
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2015241177	2015242738	2015252320	2015252722
2015252917	2015253257	2015253354	2015254977
2015254980	2015255642	2015256232	2015257476
2015263838	2015267251	2015267645	2015268079
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2015301028	2015302216	2015305687	2015311021
2015314931	2015315215	2015315218	2015315223
2015318545	2015318561	2015318802	2015319850
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2015349870	2015350006	2015350056	2015350094
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2015361996	2015364520	2015365764	2015367632
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2017279711	2017279753	2017282744	2017283820
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2017299426	2017317643	2017319130	2017336193

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2017363399	2017367216	2017370496	2017374531
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2018278968	2018282379	2018357829	2018378011
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2019203462	2019203548	2019208162	2019219812

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2019101590	2019101591	2019101592	2019101593
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2019101599	2019101601	2019101602	2019101603
2019101604	2019101605	2019101606	2019101607
2019101608	2019101609	2019101610	2019101611
2019101612	2019101613	2019101614	2019101615
2019101616	2019101617	2019101624	2019101625
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2019101633	2019101635	2019101638	2019101641
2019101642	2019101643	2019101644	2019101646
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2019101660	2019101665	2019101667	2019101675
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**Assignments Registered**

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**Assignments Registered**

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2002249262 Novartis AG The patent has been assigned to **Alcon Inc.**

2002256397 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2002300078 Alcon Grieshaber AG The patent has been assigned to **Alcon Inc.**

2002338364 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2003201993 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2003213966 Alcon Grieshaber AG The patent has been assigned to **Alcon Inc.**

2003218959 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2003253093 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2003266153 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2003281071 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2004202374 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2004202376 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2004202382 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2004210627 Wave Tec Vision Systems, Inc. The patent has been assigned to **Alcon Inc.**

2004267846 Unify Inc. The patent has been assigned to **InContact Inc.**

2004284914 Nitto Denko Corporation The patent has been assigned to **PassPort Technologies, Inc.**

2004288609 Novartis AG The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2004291921 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2004291922 Inverness Medical Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2004298660 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2004305066 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2005229772 Earth Tool Company, L.L.C. The patent has been assigned to **The Charles Machine Works, Inc.**

2005230635 Novartis AG The patent has been assigned to **Alcon Inc.**

2005234778 Wavetec Vision Systems, Inc. The patent has been assigned to **Alcon Inc.**

2005234905 Novartis AG The patent has been assigned to **Alcon Inc.**

2005252853 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2005267539 Optonol, Ltd The patent has been assigned to **Alcon Inc.**

2005293729 Novartis AG The patent has been assigned to **Alcon Inc.**

2005305954 Novartis AG The patent has been assigned to **Alcon Inc.**

2005318455 Novartis AG The patent has been assigned to **Alcon Inc.**

2006202860 Novartis AG The patent has been assigned to **Alcon Inc.**

2006243345 Novartis AG The patent has been assigned to **Alcon Inc.**

2006261325 Nitto Denko Corporation The patent has been assigned to **PassPort Technologies, Inc.**

2006307726 ALERE SWITZERLAND GMBH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2006319681 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2006336598 Novartis AG The patent has been assigned to **Alcon Inc.**

2007200556 Alcon Manufacturing Ltd. The patent has been assigned to **Alcon Inc.**

2007202215 Alcon Manufacturing Ltd. The patent has been assigned to **Alcon Inc.**

2007203547 Alcon Manufacturing Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2007213725 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2007231030 ALERE SWITZERLAND GMBH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2007275227 Novartis AG The patent has been assigned to **Alcon Inc.**

2007275829 Novartis AG The patent has been assigned to **Alcon Inc.**

2007280929 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2007283230 Alcon Research Ltd. The patent has been assigned to **Alcon Inc.**

2007291058 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2007305167 Orloff Engineers, Ltd. The patent has been assigned to **UOP LLC**

2007305354 Bayer Consumer Care AG The patent has been assigned to **Beiersdorf AG**

2007332930 Novartis AG The patent has been assigned to **Alcon Inc.**

2007333187 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2007333307 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2007347668 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2007348610 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2007349204 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2008200345 Alcon Manufacturing Ltd. The patent has been assigned to **Alcon Inc.**

2008201271 Alcon Manufacturing Ltd. The patent has been assigned to **Alcon Inc.**

2008207371 ALERE SWITZERLAND GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2008208009 Nitto Denko Corporation The patent has been assigned to **PassPort Technologies, Inc.**

2008231847 Novartis AG The patent has been assigned to **Alcon Inc.**

2008234698 Holdip Limited The patent has been assigned to **ADP Corporate Limited**

2008235294 ALERE SWITZERLAND GMBH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2008295493 Novartis AG The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2008310104 Smartrac IP B.V. The patent has been assigned to **Linxens Holding S.A.S.**

2008311075 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2008311080 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2008312570 Orloff Engineers, Ltd. The patent has been assigned to **UOP LLC**

2008343162 Novartis AG The patent has been assigned to **Alcon Inc.**

2008348978 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2008357925 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2008358827 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2008358828 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2008361182 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2008361191 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009204162 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009206243 The Fetal Medicine Foundation; Wallac Oy The patent has been assigned to **Wallac Oy**

2009206489 Bayer Consumer Care AG The patent has been assigned to **Beiersdorf AG**

2009210351 Alcon Manufacturing Ltd. The patent has been assigned to **Alcon Inc.**

2009215039 Optonol Ltd. The patent has been assigned to **Alcon Inc.**

2009223649 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009231739 Nitto Denko Corporation The patent has been assigned to **PassPort Technologies, Inc.**

2009238338 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009240488 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009246553 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009254934 ALERE SWITZERLAND GMBH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2009266808 Hotspur Technologies, Inc. The patent has been assigned to **Arrow International, Inc.**

2009279913 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2009282936 Creative Resonance, Inc The patent has been assigned to **Sound Nutrition, Inc.**

2009288203 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009294864 Hotspur Technologies, Inc. The patent has been assigned to **Arrow International, Inc.**

2009303751 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009303765 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009311493 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009314305 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009314482 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009316743 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009322405 Novartis AG The patent has been assigned to **Alcon Inc.**

2009324722 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009335949 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009335954 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2009342284 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009342801 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009343306 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009343307 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009346800 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009347616 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009349349 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009353572 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2009355537 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2010200434 ALERE SWITZERLAND GMBH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2010200451 ALERE SWITZERLAND GMBH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

**Assignments Registered**

2010200482 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2010203641 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010206940 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010213941 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010216040 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010216129 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010245166 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010250018 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010254336 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010257074 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010257076 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010259073 Novartis AG The patent has been assigned to **Alcon Inc.**

2010259076 Novartis AG The patent has been assigned to **Alcon Inc.**

2010266013 Optonol Ltd. The patent has been assigned to **Alcon Inc.**

2010266685 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010270757 Novartis AG The patent has been assigned to **Alcon Inc.**

2010270759 Novartis AG The patent has been assigned to **Alcon Inc.**

2010275430 Hotspur Technologies, Inc. The patent has been assigned to **Arrow International, Inc.**

2010281494 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2010281495 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2010281497 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2010281498 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2010281499 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2010281514 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2010284149 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010286834 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010289460 Novartis AG The patent has been assigned to **Alcon Inc.**

2010289896 Novartis AG The patent has been assigned to **Alcon Inc.**

2010295887 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010295900 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010295902 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010298483 Novartis AG The patent has been assigned to **Alcon Inc.**

2010313599 Novartis AG The patent has been assigned to **Alcon Inc.**

2010318562 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010319285 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2010319686 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2010319912 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010320869 Santen SAS The patent has been assigned to **AR-CADOPHTA**

2010325048 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010325994 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010328436 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010328437 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010328494 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010328582 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010328590 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010328638 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010332115 Novartis AG The patent has been assigned to **Alcon Inc.**

2010332222 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2010332228 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010332230 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010332264 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010341732 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2010342877 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2010345463 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2010347608 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2010361360 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2010361361 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2010361364 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2010361365 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2010361366 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2010365354 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011205622 Novartis AG The patent has been assigned to **Alcon Inc.**

2011217975 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011220716 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011220795 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011229851 Novartis AG The patent has been assigned to **Alcon Inc.**

2011232403 Optonol Ltd. The patent has been assigned to **Alcon Inc.**

2011233590 S.M.E. Products LP; Ortloff Engineers, Ltd. The patent has been assigned to **UOP LLC**

2011233622 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011233648 S.M.E. Products LP; Ortloff Engineers, Ltd. The patent has been assigned to **UOP LLC**

2011235140 Novartis AG The patent has been assigned to **Alcon Inc.**

2011237591 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2011238799 S.M.E. Products LP; Orloff Engineers, Ltd. The patent has been assigned to **UOP LLC**

2011238867 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011238868 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011239657 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011243033 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011245400 Novartis AG The patent has been assigned to **Alcon Inc.**

2011248129 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011253724 Optonol, Ltd The patent has been assigned to **Alcon Inc.**

2011258776 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011261670 Orloff Engineers, Ltd The patent has been assigned to **UOP LLC**

2011267981 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011270787 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011270788 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011271228 Novartis AG The patent has been assigned to **Alcon Inc.**

2011277178 Stichting Vu-VUmc The patent has been assigned to **Stichting VU-mc**

2011282602 Novartis AG The patent has been assigned to **Alcon Inc.**

2011282604 Novartis AG The patent has been assigned to **Alcon Inc.**

2011283028 Novartis AG The patent has been assigned to **Alcon Inc.**

2011283132 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011289406 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011302610 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011307254 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011316508 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011320709 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2011333716 Alcon Pharmaceuticals Ltd. The patent has been assigned to **Alcon Inc.**

2011338290 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011338848 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011341430 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011344094 Novartis AG The patent has been assigned to **Alcon Inc.**

2011344115 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011349863 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011349864 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011349866 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011349867 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011358586 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2011359145 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011359147 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011359148 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011359149 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2011368026 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011368027 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011368351 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2011372328 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011372762 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2011373964 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011377924 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2011379043 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2011379044 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2011380614 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2011383090 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011384697 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011384700 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2011384704 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2011384708 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2012203369 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2012207156 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012214565 Novartis AG The patent has been assigned to **Alcon Inc.**

2012230876 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012231884 Stichting VU-mc; Vereniging Voor Christelijk Hoger Onderwijs, Wetenschappelijk Onderzoek en Patientenzorg The patent has been assigned to **Stichting VU-mc**

2012231884 Stichting Vu-VUmc; Vereniging Voor Christelijk Hoger Onderwijs, Wetenschappelijk Onderzoek en Patientenzorg The patent has been assigned to **Vereniging Voor Christelijk Hoger Onderwijs, Wetenschappelijk Onderzoek en Patientenzorg; Stichting VU-mc**

2012243101 Novartis AG The patent has been assigned to **Alcon Inc.**

2012244130 Novartis AG The patent has been assigned to **Alcon Inc.**

2012250897 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2012253839 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2012253984 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012254184 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012261914 Novartis AG The patent has been assigned to **Alcon Inc.**

2012262099 Novartis AG The patent has been assigned to **Alcon Inc.**

2012262814 Novartis AG The patent has been assigned to **Alcon Inc.**

2012268828 Novartis AG The patent has been assigned to **Alcon Inc.**

2012283008 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2012288359 National University Corporation Okayama University The patent has been assigned to **HIEJIMA, Shinji**

2012290073 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2012290158 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012294363 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012294723 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012299372 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012301512 Alcon LenSx, Inc. The patent has been assigned to **Alcon Inc.**

2012304914 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012308663 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2012311434 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2012312825 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012319054 Novartis, AG. The patent has been assigned to **Alcon Inc.**

2012321116 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012325889 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012326466 Novartis AG The patent has been assigned to **Alcon Inc.**

2012326468 Novartis AG The patent has been assigned to **Alcon Inc.**

2012326548 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012335920 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012346314 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012346522 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012348191 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012348204 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012351842 Baylor College of Medicine; Cell Medica Limited The patent has been assigned to **Baylor College of Medicine; Allovir, Inc.**

2012352543 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2012355579 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012355617 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012355881 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012357733 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2012358937 Alcon LenSx, Inc. The patent has been assigned to **Alcon Inc.**

2012359258 Alcon LenSx, Inc. The patent has been assigned to **Alcon Inc.**

2012359259 Alcon LenSx, Inc. The patent has been assigned to **Alcon Inc.**

2012359287 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2012362562 Celgene Corporation The patent has been assigned to **Amgen (Europe) GmbH**

2012366949 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2012369994 Novartis AG The patent has been assigned to **Alcon Inc.**

2012377102 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2012377815 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2012378957 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2012381813 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2012383589 Novartis AG The patent has been assigned to **Alcon Inc.**

2012385282 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2012388037 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2012388445 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2012392512 Novartis AG The patent has been assigned to **Alcon Inc.**

2012394937 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2012396954 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013200591 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013201257 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2013202083 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013203401 Novartis AG The patent has been assigned to **Alcon Inc.**

2013203441 Novartis AG The patent has been assigned to **Alcon Inc.**

2013204092 Novartis AG The patent has been assigned to **Alcon Inc.**

2013215437 Novartis AG The patent has been assigned to **Alcon Inc.**

2013224663 Novartis AG The patent has been assigned to **Alcon Inc.**

2013231016 Novartis AG The patent has been assigned to **Alcon Inc.**

2013243968 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013249153 Novartis AG The patent has been assigned to **Alcon Inc.**

2013249513 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013252851 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013256144 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013257535 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013271703 Alcon Pharmaceuticals, Ltd. The patent has been assigned to **Alcon Inc.**

2013272084 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013274203 Alcon Pharmaceuticals, Ltd. The patent has been assigned to **Alcon Inc.**

2013274549 Novartis AG The patent has been assigned to **Alcon Inc.**

2013289085 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013290610 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013315969 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013315970 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013323604 WaveTec Vision Systems, Inc The patent has been assigned to **Alcon Inc.**

2013329597 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013335087 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**



**Assignments Registered**

2013335088 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013336355 Revision Military S.a.r.l. The patent has been assigned to **Revision Military Ltd.**

2013338201 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013345226 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013356553 Novartis AG The patent has been assigned to **Alcon Inc.**

2013360133 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013360295 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013361613 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013363325 Novartis AG The patent has been assigned to **Alcon Inc.**

2013363388 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013363463 Novartis AG The patent has been assigned to **Alcon Inc.**

2013363510 Novartis AG The patent has been assigned to **Alcon Inc.**

2013363594 Novartis AG The patent has been assigned to **Alcon Inc.**

2013364077 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2013371558 Alcon LenSx, Inc. The patent has been assigned to **Alcon Inc.**

2013372806 Novartis AG The patent has been assigned to **Alcon Inc.**

2013375414 Novartis AG The patent has been assigned to **Alcon Inc.**

2013377013 Tronox LLC The patent has been assigned to **EMD Acquisition LLC**

2013380267 Novartis AG The patent has been assigned to **Alcon Inc.**

2013380642 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013382344 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2013387184 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013391079 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013394132 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2013399518 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2013401482 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013402713 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013402739 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013403076 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013404353 Novartis AG The patent has been assigned to **Alcon Inc.**

2013404375 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2013407044 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2014200171 Novartis AG The patent has been assigned to **Alcon Inc.**

2014201258 Nitto Denko Corporation The patent has been assigned to **PassPort Technologies, Inc.**

2014202524 Nitto Denko Corporation The patent has been assigned to **PassPort Technologies, Inc.**

2014203353 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2014212237 Alcon LenSx, Inc. The patent has been assigned to **Alcon Inc.**

2014215954 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2014221267 Novartis AG The patent has been assigned to **Alcon Inc.**

2014226492 Novartis AG The patent has been assigned to **Alcon Inc.**

2014226493 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2014239833 Novartis AG The patent has been assigned to **Alcon Inc.**

2014239862 Novartis AG The patent has been assigned to **Alcon Inc.**

2014248404 Novartis AG The patent has been assigned to **Alcon Inc.**

2014251290 Novartis AG The patent has been assigned to **Alcon Inc.**

2014256437 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2014257532 Novartis AG The patent has been assigned to **Alcon Inc.**

2014259509 The Fetal Medicine Foundation; Wallac Oy The patent has been assigned to **Wallac Oy**

**Assignments Registered**

2014259603 Alcon Pharmaceuticals, Ltd. The patent has been assigned to **Alcon Inc.**

2014260214 Novartis AG The patent has been assigned to **Alcon Inc.**

2014271298 Novartis AG The patent has been assigned to **Alcon Inc.**

2014272274 Novartis AG The patent has been assigned to **Alcon Inc.**

2014275381 Novartis AG The patent has been assigned to **Alcon Inc.**

2014276425 Novartis AG. The patent has been assigned to **Alcon Inc.**

2014293807 CJ Healthcare Corporation The patent has been assigned to **Daewoong Pharmaceutical Co., Ltd**

2014304788 Novartis AG The patent has been assigned to **Alcon Inc.**

2014309382 Novartis AG The patent has been assigned to **Alcon Inc.**

2014309421 Novartis AG The patent has been assigned to **Alcon Inc.**

2014318261 Novartis AG The patent has been assigned to **Alcon Inc.**

2014318270 S.M.E. Products LP; Orloff Engineers, Ltd. The patent has been assigned to **UOP LLC**

2014318331 Novartis AG The patent has been assigned to **Alcon Inc.**

2014323493 Novartis AG The patent has been assigned to **Alcon Inc.**

2014331833 WaveTec Vision Systems, Inc. The patent has been assigned to **Alcon Inc.**

2014347153 Novartis AG The patent has been assigned to **Alcon Inc.**

2014354716 Alcon Pharmaceuticals Ltd. The patent has been assigned to **Alcon Inc.**

2014355099 Novartis AG The patent has been assigned to **Alcon Inc.**

2014357332 Novartis AG The patent has been assigned to **Alcon Inc.**

2014357334 Novartis AG The patent has been assigned to **Alcon Inc.**

2014357615 Novartis AG The patent has been assigned to **Alcon Inc.**

2014357619 Novartis AG The patent has been assigned to **Alcon Inc.**

2014360469 Bayer Consumer Care AG The patent has been assigned to **Beiersdorf AG**

2014366500 Novartis AG The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2014366503 Novartis AG The patent has been assigned to **Alcon Inc.**

2014366911 Novartis AG The patent has been assigned to **Alcon Inc.**

2014366912 Novartis AG The patent has been assigned to **Alcon Inc.**

2014367071 Novartis AG The patent has been assigned to **Alcon Inc.**

2014367139 Novartis AG The patent has been assigned to **Alcon Inc.**

2014367150 Novartis AG The patent has been assigned to **Alcon Inc.**

2014370109 Novartis AG The patent has been assigned to **Alcon Inc.**

2014370114 Novartis AG The patent has been assigned to **Alcon Inc.**

2014370354 Novartis AG The patent has been assigned to **Alcon Inc.**

2014393063 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2014394670 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2014394710 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2014397714 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2014403579 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2014411736 Novartis AG The patent has been assigned to **Alcon Inc.**

2015200449 Novartis AG The patent has been assigned to **Alcon Inc.**

2015200764 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2015201805 Novartis AG The patent has been assigned to **Alcon Inc.**

2015201924 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2015203132 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2015203440 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2015203775 Alcon Lensx, Inc. The patent has been assigned to **Alcon Inc.**

2015203781 Alcon LenSx, Inc. The patent has been assigned to **Alcon Inc.**

2015210430 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2015214381 Novartis AG The patent has been assigned to **Alcon Inc.**

2015221010 Novartis AG The patent has been assigned to **Alcon Inc.**

2015224384 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2015224385 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2015228898 New Pharma Licence Holdings Limited The patent has been assigned to **Spero Therapeutics, Inc.**

2015240545 Alcon Pharmaceuticals Ltd. The patent has been assigned to **Alcon Inc.**

2015241566 Novartis AG The patent has been assigned to **Alcon Inc.**

2015247486 Novartis AG The patent has been assigned to **Alcon Inc.**

2015252403 Novartis AG The patent has been assigned to **Alcon Inc.**

2015256471 Novartis AG The patent has been assigned to **Alcon Inc.**

2015257106 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2015259428 Novartis AG The patent has been assigned to **Alcon Inc.**

2015268616 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2015268818 Novartis AG The patent has been assigned to **Alcon Inc.**

2015277712 Novartis AG The patent has been assigned to **Alcon Inc.**

2015277783 Novartis AG The patent has been assigned to **Alcon Inc.**

2015277787 Novartis AG The patent has been assigned to **Alcon Inc.**

2015278744 Novartis AG The patent has been assigned to **Alcon Inc.**

2015279557 Indigo AG, Inc.; Indigo Agriculture, Inc. The patent has been assigned to **Indigo AG, Inc.**

2015290147 Novartis AG The patent has been assigned to **Alcon Inc.**

2015294403 Novartis AG The patent has been assigned to **Alcon Inc.**

2015296920 Novartis AG The patent has been assigned to **Alcon Inc.**

2015298303 Novartis AG The patent has been assigned to **Alcon Inc.**

2015306901 Novartis AG The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

2015320000 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2015321646 Novartis AG The patent has been assigned to **Alcon Inc.**

2015332447 Novartis AG The patent has been assigned to **Alcon Inc.**

2015349048 Wavelight GmbH The patent has been assigned to **Alcon Inc.**

2015362794 Novartis AG The patent has been assigned to **Alcon Inc.**

2015362796 Novartis AG The patent has been assigned to **Alcon Inc.**

2015366109 Qvidja Kraft Ab The patent has been assigned to **Q Power Oy**

2015381300 NOVARTIS AG The patent has been assigned to **Alcon Inc.**

2015383603 NOVARTIS AG The patent has been assigned to **Alcon Inc.**

2016200920 Alere Switzerland GmbH The patent has been assigned to **Abbott Rapid Diagnostics International Unlimited Company**

2016201366 Novartis AG The patent has been assigned to **Alcon Inc.**

2016201445 Novartis AG The patent has been assigned to **Alcon Inc.**

2016202852 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2016220438 Novartis AG The patent has been assigned to **Alcon Inc.**

2016226065 Novartis AG The patent has been assigned to **Alcon Inc.**

2016231468 NITTO DENKO CORPORATION The patent has been assigned to **PassPort Technologies, Inc.**

2016250425 Alcon LenSx, Inc The patent has been assigned to **Alcon Inc.**

2016257170 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2016259880 WaveLight GmbH The patent has been assigned to **Alcon Inc.**

2016262713 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2016277599 Alcon LenSx, Inc The patent has been assigned to **Alcon Inc.**

2016277692 Alcon Research, Ltd. The patent has been assigned to **Alcon Inc.**

2016364319 Novartis AG The patent has been assigned to **Alcon Inc.**

2016373539 Novartis AG The patent has been assigned to **Alcon Inc.**

**Assignments Registered**

- 2017200297 Highline Manufacturing Ltd. The patent has been assigned to **Bourgault Industries Ltd.**
- 2017200392 NITTO DENKO CORPORATION The patent has been assigned to **PassPort Technologies, Inc.**
- 2017200676 Bayer Consumer Care AG The patent has been assigned to **Beiersdorf AG**
- 2017201009 Indigo AG, Inc.; Indigo Agriculture, Inc. The patent has been assigned to **Indigo AG, Inc.**
- 2017201096 WaveLight GmbH The patent has been assigned to **Alcon Inc.**
- 2017201905 Novartis AG The patent has been assigned to **Alcon Inc.**
- 2017203358 Novartis AG The patent has been assigned to **Alcon Inc.**
- 2017210561 Novartis AG The patent has been assigned to **Alcon Inc.**
- 2018200095 Novartis AG The patent has been assigned to **Alcon Inc.**
- 2018200325 Novartis AG The patent has been assigned to **Alcon Inc.**
- 2018203769 Novartis AG The patent has been assigned to **Alcon Inc.**
- 2018204550 Bayer Consumer Care AG The patent has been assigned to **Beiersdorf AG**
- 2018236765 Highline Manufacturing Ltd. The patent has been assigned to **Bourgault Industries Ltd.**

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

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

- 2013200425 Arya, A. ( NSW Electricity Networks Operations Pty Ltd )
- 2018102098 OXTI CORPORATION ( CHEN-SOURCE INC )

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

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

- 2010353079 Trussmatic Oy ( Menard, Inc. )
- 2012225268 Xeris Pharmaceuticals, Inc. ( OXFORD FINANCE LLC )
- 2012332556 Xeris Pharmaceuticals, Inc. ( OXFORD FINANCE LLC )
- 2013284412 Xeris Pharmaceuticals, Inc. ( OXFORD FINANCE LLC )
- 2014200476 Xeris Pharmaceuticals, Inc. ( OXFORD FINANCE LLC )
- 2015215889 Xeris Pharmaceuticals, Inc. ( OXFORD FINANCE LLC )
- 2015300944 Xeris Pharmaceuticals, Inc. ( OXFORD FINANCE LLC )
- 2017200295 Xeris Pharmaceuticals, Inc. ( OXFORD FINANCE LLC )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

- 2011323426 **Boehringer Ingelheim International GmbH**
- The earliest first regulatory approval date provided by the patentee 16 Jul 2019
- For the goods SKYRIZI risankizumab
- 2016273970 **Boehringer Ingelheim International GmbH**
- The earliest first regulatory approval date provided by the patentee 16 Jul 2019
- For the goods SKYRIZI risankizumab

**Extensions granted**

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

- 2003223007 **UCB Pharma S.A.**
- The earliest first regulatory approval date provided by the patentee 17 May 2018
- For the goods BESPONSA inotuzumab ozogamicin
- Extension of Term of patent pursuant to Section 77 expires on 02 May 2028
- 2004287875 **Novartis AG**
- The earliest first regulatory approval date provided by the patentee 21 Jan 2019
- For the goods XIIDRA lifitegrast
- Extension of Term of patent pursuant to Section 77 expires on 05 Nov 2029
- 2006247136 **Novartis AG**
- The earliest first regulatory approval date provided by the patentee 21 Jan 2019
- For the goods XIIDRA lifitegrast
- Extension of Term of patent pursuant to Section 77 expires on 17 May 2031
- 2013361579 **Novartis AG**
- The earliest first regulatory approval date provided by the patentee 21 Jan 2019
- For the goods XIIDRA lifitegrast
- Extension of Term of patent pursuant to Section 77 expires on 21 Jan 2034

**Corrigenda**

In Vol 32 , No 33 , Page(s) 4710 under the heading **Amendments - Amendments Made** Under the name Nihon Nohyaku Co., Ltd., Application No. 2017224719, Under INID (54) amend the title of the invention to Heterocycle-bound condensed heterocyclic compound or salt thereof, agricultural and horticultural insecticide comprising the compound, and method for using the insecticide

In Vol 33 , No 43 , Page(s) 6113 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Quartz Therapeutics, Inc., Application No. 2018258581, under INID (72) correct the co-inventor to Ji, Xian Alan

In Vol 33 , No 47 , Page(s) 6654 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

## Corrigenda

Heineken Supply Chain B.V., Application No. 2018271161, under INID (72) correct the co-inventor to Paauwe, Arie Maarten

In Vol 33 , No 49 , Page(s) 6960 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Noel Hector, Application No. 2018258673, under INID (71) correct the applicant name to Hector Noel

In Vol 34 , No 1 , Page(s) 139 under the heading **Assignments Registered** Under the name AIR PRODUCTS AND CHEMICALS, INC. and GE Energy (USA), LLC, Application No. 2002336257, under INID (71) correct the Patentee to read AIR PRODUCTS AND CHEMICALS, INC.

In Vol 34 , No 1 , Page(s) 139 under the heading **Assignments Registered** Under the name AIR PRODUCTS AND CHEMICALS, INC. and GE Energy (USA), LLC, Application No. 2003216066, under INID (71) correct the Patentee to read AIR PRODUCTS AND CHEMICALS, INC.

In Vol 34 , No 1 , Page(s) 84 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Université de Tours; Kymeris Therapeutics Inc., Application No. 2018280852, under INID (71) add co-applicants Institut National de la Recherche Agronomique

## Specifications Republished

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

2001078273	<b>Zoetis Services LLC</b>
2015320315	<b>Novaphos Inc.</b>
2018206807	<b>Wuxi Hisky Medical Technologies Co., Ltd.</b>
2018246006	<b>NCH Corporation</b>