



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	1935
Amendments Made .....	1936
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	1937
Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules .....	1939

#### Applications Accepted

Name Index .....	2023
Numerical Index .....	2044
IPC Index .....	2046

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	1932
-------------------------------------------------------------------------------	------

#### Applications Open to Public Inspection

Name Index .....	1940
Numerical Index .....	1954
IPC Index .....	1956

Assignments before Grant, Section 113 .....	1934
---------------------------------------------	------

Assignments Registered .....	2053
------------------------------	------

#### Certified Innovation Patents

Name Index .....	2050
Numerical Index .....	2051
IPC Index .....	2052

#### Complete Applications Filed

Name Index .....	1918
Numerical Index .....	1927

Complete Specifications Treated as Provisional Specifications, Section 37 .....	1934
------------------------------------------------------------------------------------	------

<b>Corrigenda .....</b>	<b>2054</b>
<b>Discharge of a Mortgage .....</b>	<b>2054</b>
<b>Extensions of Time, Section 223 .....</b>	<b>1934</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	1929
Numerical Index .....	1931
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	1958
Numerical Index .....	1960
IPC Index .....	1961
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	1962
Numerical Index .....	2010
IPC Index .....	2015
<b>Patents Granted .....</b>	<b>2053</b>
<b>Provisional Applications Filed</b>	
Name Index .....	1911
Numerical Index .....	1916
<b>Specifications Republished .....</b>	<b>2054</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) 11 April 2019.**

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Gary B Cox v MacroGenics, Inc.* [2019] APO 13**

Patent Application: 2012259162

Title: Deimmunized serum-binding domains and their use for extending serum half-life

Patent Applicant: MacroGenics, Inc.

Opponent: Gary B Cox

Delegate: Dr S. J. Smith

Decision Date: 27 March 2019

Hearing Date: 28 November 2018, in Canberra

Catchwords: **PATENTS** – opposition to the grant of a patent – grounds of clear enough and complete enough disclosure, support and utility – principle of general application – plausibility – undue burden – contribution to the art – specification does not comply with s 40(2)(a) or s 40(3) – lack of utility not established – costs awarded

Representation: Patent attorney for the applicant: Dr David Loch of Spruson & Ferguson  
Counsel for the opponent: Mr Andrew Fox  
Patent attorney for the opponent: Mr Craig Humphris of Wrays

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 11 April 2019.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*CCL Secure Pty Ltd (formerly Innovia Security Pty Ltd) v Visual Physics, LLC [2019]*  
APO 14

Patent Application: 2013251640

Title: Security device for projecting a collection of synthetic images

Patent Applicant: Visual Physics, LLC

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

Delegate: Dr V. Z. Kolev

Decision Date: 27 March 2019

Hearing Date: 12 September 2018, in Canberra, further submissions filed on 19 September 2018

Catchwords: **PATENTS** – section 59 opposition to grant of a patent – novelty – inventive step – utility – clarity – support – clear enough and complete enough disclosure – regulation 5.23 – optical security device – collection of synthetic images – pixels – image layer – binary grid of distributed digital images – collection of focusing elements – regulation 5.23 not invoked – opposition unsuccessful on all grounds – costs awarded

Representation: Counsel for the applicant: Mr Anthony Franklin SC

Solicitor for the applicant: Ms Katrina Crooks of Shelston IP Lawyers Pty Ltd

Patent attorney for the applicant: Mr Greg Whitehead of Shelston IP Pty Ltd

Patent attorney for the opponent: Mr Adrian Crooks of Phillips Ormonde Fitzpatrick

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 11 April 2019.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*CSR Building Products Limited v United States Gypsum Company [2019] APO 15*

Patent Application: 2013335106

Title: Pregelatinized starch with mid-range viscosity, and product, slurry and methods related thereto

Patent Applicant: United States Gypsum Company

Opponent: CSR Building Products Limited

Delegate: D. S. Triffett

Decision Date: 29 March 2019

Hearing Date: Written submissions filed on 21 February 2019 and 28 February 2019

Catchwords: **PATENTS** – extension of time to file evidence in support – regulation 5.9 – whether opponent has acted promptly and diligently – whether opponent has made all reasonable efforts to meet filing requirements – extension of time granted.

Representation: Patent attorney for the applicant: James & Wells  
Patent attorney for the opponent: Griffith Hack

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 11 April 2019.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Stephen James Anderson v Caffitaly System S.p.A. [2019] APO 16*

Patent Application: 2013233969

Title: System for making beverages

Patent Applicant: Caffitaly System S.p.A.

Opponent: Stephen James Anderson

Delegate: Dr V. Z. Kolev

Decision Date: 29 March 2019

Hearing Date: 07 August 2018, in Melbourne, further submissions filed on 09 August 2018, 14 August 2018, and 15 March 2019

Catchwords: **PATENTS** – section 59 opposition to grant of a patent – novelty – inventive step – usefulness (utility) – regulation 5.23 request – system for making beverages – sealing arrangement between the capsule and the capsule holder – sealed contact involving a lateral face – one document consulted under regulation 5.23 – opposition unsuccessful on all grounds – costs awarded

Representation: Counsel for the applicant: Mr Ben Fitzpatrick

Patent attorney for the applicant: Mr Richard Ollerenshaw of Patent Attorney Services

Counsel for the opponent: Ms Clare Cunliffe and Mr Wen H. Wu

Patent attorney for the opponent: Anderson IP

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 26 Mar 2019 .

(71) Agscent Pty Ltd (21) 2019901085 (22) 31.03.2019 (54) BIOLOGICAL SAMPLE CAPTURING DEVICE	(71) Aristocrat Technologies Australia Pty Limited (21) 2019901012 (22) 26.03.2019 (54) GAMING DEVICE WITH SYMBOL COLLECTION DURING FREE GAMES	(71) BELKE, J. (21) 2019900949 (22) 21.03.2019 (54) Crusher
<b>Ahmad, S. see Cole, C.</b> (21) 2019901061	(71) Arora, S. (21) 2019900980 (22) 24.03.2019 (54) Golden door opportunity - Sale of land/ property with an actual golden door at the site or a picture of a Golden door for all marketing material and materials. The strategy is to attract a buyer with the new approach with the Golden door/Gold painted door erected at the site.	<b>Bernal, E. see Cole, C.</b> (21) 2019901061
(71) Amplia Therapeutics Ltd (21) 2019901050 (22) 28.03.2019 (54) A salt and crystal form of a FAK inhibitor	(71) AUSTRALIAN BRUSHWARE CORPORATION PTY LTD (21) 2019900963 (22) 21.03.2019 (54) Caulking Gun	(71) Beta Vision Products Australia Pty Ltd (21) 2019901076 (22) 29.03.2019 (54) PARTICULATES BARRIER AND RELATED METHODS AND APPARATUS
(71) AMSL Innovations Pty Ltd (21) 2019900954 (22) 21.03.2019 (54) Vertical take-off and landing (VTOL) aircraft	(71) Australian Hearing Services (21) 2019901071 (22) 29.03.2019 (54) SPEECH DISCRIMINATION TEST SYSTEM AND DEVICE	(71) BFRE Pty Ltd (21) 2019900972 (22) 22.03.2019 (54) Improvements In Structural Steel Lintels
(71) Amtek Pty Limited (21) 2019900998 (22) 25.03.2019 (54) Improved Wall Construction For Prisoner Transport	(71) Australian Hearing Services (21) 2019901078 (22) 29.03.2019 (54) METHOD FOR FLEXIBLE DECONVOLUTION OF AUDITORY EVOKED POTENTIALS	(71) BH Biotech Pty Ltd (21) 2019901060 (22) 29.03.2019 (54) Nutritional and exercise program for the prevention of frailty
(71) ANDRIUSKEVICIUS, E. (21) 2019901057 (22) 29.03.2019 (54) A method of transmitting a time series by digital communication	(71) Bailes, P. (21) 2019901002 (22) 25.03.2019 (54) AUTOMATED CUSTOMISED DEGREE STUDY PLANNER	(71) Bionomics Limited (21) 2019900992 (22) 25.03.2019 (54) Substituted-N-Heteroaryl Compounds and Uses Thereof
(71) Aristocrat Technologies Australia Pty Limited (21) 2019901009 (22) 26.03.2019 (54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE FEATURE GAMES	(71) BANKVAULT PTY LTD (21) 2019901053 (22) 28.03.2019 (54) COMPUTER SYSTEMS AND METHODS INCLUDING HTML BROWSER AUTHORISATION APPROACHES	(71) Blakeway, M. (21) 2019901024 (22) 27.03.2019 (54) slide barrow
(71) Aristocrat Technologies Australia Pty Limited (21) 2019901010 (22) 26.03.2019 (54) GAMING DEVICE WITH RETRIGGERABLE COMPOSITE FEATURE GAME		(71) Braidotti, P. (21) 2019901034 (22) 27.03.2019 (54) CONTAINER
		(71) Breville Pty Limited (21) 2019900990 (22) 25.03.2019 (54) Kitchen device
		(71) Breville Pty Limited (21) 2019901058 (22) 29.03.2019 (54) Kettle

Provisional Applications Filed - Name Index cont'd

(71) Brickworks Building Products Pty Ltd (21) 2019900955 (22) 21.03.2019 (54) Precast Brick Panel and Method	(71) Croser, D. (21) 2019901032 (22) 27.03.2019 (54) A bait dispenser	(71) GARDNER, M. (21) 2019901080 (22) 29.03.2019 (54) AUDIT AND TRACING SYSTEM AND RELATED APPARATUS OF OR FOR ORGANISMS
(71) Bui, T. (21) 2019900965 (22) 22.03.2019 (54) Layer cup	(71) CSR Building Products Limited (21) 2019901005 (22) 26.03.2019 (54) FLOORING SYSTEM	(71) Genova, L. (21) 2019901062 (22) 29.03.2019 (54) A SPORTS TRAINING DEVICE FOR FOOTBALL SKILLS DEVELOPMENT
(71) Built Environment Compliance Pty Ltd (21) 2019901037 (22) 27.03.2019 (54) Safety management system and method for multiple occupancy building	(71) CSR Building Products Limited (21) 2019901070 (22) 29.03.2019 (54) STEP MODULE FOR STAIRS	(71) GIFFORD, D.; MILLS, S.; PASCOE, G.; RANAWEEERA, C.; WHEELWRIGHT, W. (21) 2019901087 (22) 01.04.2019 (54) IMPROVED MEMBRANES
(71) Capdevila, C. (21) 2019901023 (22) 27.03.2019 (54) Electrical protective barriers	(71) de Florenca, A.M. (21) 2019901008 (22) 26.03.2019 (54) Pet waste disposal apparatus	(71) Glidestore Freetrack Pty Ltd (21) 2019900993 (22) 25.03.2019 (54) Mobile shelving with strengthening support
(71) Chang Gung Memorial Hospital, Kaohsiung (21) 2019900946 (22) 21.03.2019 (54) Methods for Diagnosing and Treating Kawasaki Disease	(71) Delkor Rail Pty Ltd (21) 2019901003 (22) 26.03.2019 (54) RAIL MOUNTING DEVICE AND METHOD FOR ITS USE	(71) Graphene Manufacturing Australia Pty Ltd (21) 2019901036 (22) 27.03.2019 (54) Enhanced coolant
(71) Charlton, T. (21) 2019900997 (22) 25.03.2019 (54) 'Urthy': a flat pack kit to convert pots to self-watering pots for plants with a water level indicator and ability to add an external water reservoir.	(71) Dhanekula, A. (21) 2019901027 (22) 27.03.2019 (54) Reusable Bagging System	(71) Greenlines Gardenware Pty Ltd (21) 2019901033 (22) 27.03.2019 (54) A Garden Edging and Method of Producing the Same
(71) Cole, C.; Wu, Q.; Ahmad, S.; Bernal, E.; Spiryagin, M.; Nielsen, D. (21) 2019901061 (22) 29.03.2019 (54) Locomotive and Train Condition Monitoring System Based on Smart Draft Gear Devices	(71) DYNAVEIL PTY LTD (21) 2019900952 (22) 21.03.2019 (54) Field Upgradable Tubular Motor	(71) HAEMOKINESIS PTY LTD (21) 2019901020 (22) 27.03.2019 (54) METHOD AND APPARATUS FOR MEASURING THE FIBRINOGEN CONCENTRATION IN BLOOD SAMPLES.
(71) Cona International Pty Ltd ACN 631 444 525 (21) 2019901013 (22) 26.03.2019 (54) KEY SAFE AND KEY ACCESS SYSTEMS	(71) Ellis, P. (21) 2019901015 (22) 26.03.2019 (54) Improvements in Drying Racks	(71) Hamilton, W. (21) 2019900996 (22) 25.03.2019 (54) A system for video multimedia augmentation
(71) Convert Group Pty Ltd (21) 2019901074 (22) 29.03.2019 (54) An electronic device holder	(71) Engineroom Infrastructure Consulting Pty Ltd (21) 2019900984 (22) 25.03.2019 (54) A PROCESS AND APPARATUS FOR ACID MINE DRAINAGE TREATMENT	(71) Hanson, M.G. see Herford, N. (21) 2019900983
(71) Critus Pty Ltd (21) 2019900953 (22) 21.03.2019 (54) X-ray diffraction sample cell device and method	(71) Evocra Pty Limited (21) 2019901019 (22) 26.03.2019 (54) SEWAGE TREATMENT METHOD	(71) Hardfacing Industries WA Pty Ltd (21) 2019900969 (22) 22.03.2019 (54) AUTOMATIC LIMITING OF MOBILE DEVICE FUNCTIONALITY
(71) Crosby, B. (21) 2019901042 (22) 28.03.2019 (54) Receptacle for transporting intermediate bulk containers	(71) Evolve Skateboards Pty Ltd. (21) 2019901007 (22) 26.03.2019 (54) Battery packs for electric skateboards	(71) Henely, M.; TYDEMAN, S. (21) 2019901077 (22) 29.03.2019 (54) Cooking Utensil Device for both rendering and resting food.
	(71) Findlay, M. (21) 2019901047 (22) 28.03.2019 (54) A tent peg puller	
	(71) Flint, J.; Oldfield, L. (21) 2019900971 (22) 22.03.2019 (54) Pest barrier	
	(71) Fresh Supply Co. Pty. Ltd. (21) 2019901068 (22) 29.03.2019 (54) Ledgered Supply Chain Geolocation	



Provisional Applications Filed - Name Index cont'd

- (71) Herford, N.; Hanson, M.G.  
(21) 2019900983 (22) 25.03.2019  
(54) Systems and methods for managing repair costs for damaged vehicles
- 
- (71) Higgins, C.  
(21) 2019901022 (22) 27.03.2019  
(54) Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain business solutions.
- 
- (71) Hill, B.  
(21) 2019900988 (22) 25.03.2019  
(54) Method and System for the liberation of Hydrogen from Water
- 
- (71) Hydrobe Pty Ltd  
(21) 2019900999 (22) 25.03.2019  
(54) Process and system for generating hydrogen
- 
- (71) Ideate Developments Pty Ltd  
(21) 2019901081 (22) 29.03.2019  
(54) Hookless Fishing Lure
- 
- (71) InterK Peptide Therapeutics Limited  
(21) 2019900975 (22) 22.03.2019  
(54) INHIBITORS AND METHODS FOR TREATING NEUROLOGICAL DISEASES
- 
- (71) IP OF AUSTRALASIAN DISTRIBUTORS PTY LTD  
(21) 2019900957 (22) 21.03.2019  
(54) FOOD PROCESSING APPARATUS AND PORTIONS THEREOF
- 
- (71) JORGENSON-WATTS IP PTY LTD  
(21) 2019900982 (22) 25.03.2019  
(54) Improvements in Adjustable Wings
- 
- (71) Kaizen Engineering Pty Ltd  
(21) 2019901059 (22) 29.03.2019  
(54) Pipe Transport Assembly
- 
- (71) KIRKHAM, S.  
(21) 2019900981 (22) 25.03.2019  
(54) Method and Apparatus for Repairing Tendons in a Mammal
- 
- (71) Kreis, D.  
(21) 2019900968 (22) 22.03.2019  
(54) PORTABLE FIRE PIT ASSEMBLY
- 
- (71) Laffan, S.  
(21) 2019901082 (22) 30.03.2019  
(54) Cricket match fixed stump set
- 
- (71) Larkin & Shoushani Solutions Pty Ltd  
(21) 2019900966 (22) 22.03.2019  
(54) BASIN OUTLET WITH DISPOSABLE SEAL
- 
- (71) Lowbake International Pty Ltd  
(21) 2019901086 (22) 01.04.2019  
(54) Smash repair
- 
- (71) Makenit Pty Ltd  
(21) 2019901011 (22) 26.03.2019  
(54) Improved geopolymer cement
- 
- (71) Matthews, S.  
(21) 2019900977 (22) 23.03.2019  
(54) Cell Mutation by Parasites
- 
- (71) Matthews, N.  
(21) 2019901044 (22) 22.03.2019  
(54) Changing Sporting Equipment
- 
- (71) McEachern, J.  
(21) 2019901014 (22) 26.03.2019  
(54) A SLEEVE FOR A BEVERAGE CONTAINER
- 
- (71) McGregor Diesel Pty Ltd  
(21) 2019900964 (22) 22.03.2019  
(54) BULK LIQUID MONITORING AND MANAGEMENT SYSTEM
- 
- MILLS, S. see GIFFORD, D.**  
(21) 2019901087
- 
- (71) Momentum Concepts Pty Ltd  
(21) 2019900976 (22) 22.03.2019  
(54) AN ASSEMBLY FOR COUPLING ITEMS
- 
- (71) Monash University  
(21) 2019901035 (22) 27.03.2019  
(54) A microparticle and/or nanoparticle separation, filtration and/or enriching device and method
- 
- (71) Monteagle, T.  
(21) 2019900959 (22) 21.03.2019  
(54) COVER
- 
- (71) Muir, C.  
(21) 2019901021 (22) 27.03.2019  
(54) Non Safety Soft head covering with retention system
- 
- (71) Multigate Medical Devices Pty Ltd  
(21) 2019901031 (22) 27.03.2019  
(54) A Device and Method for Stabilising a Conduit
- 
- (71) Multigate Medical Products Pty Ltd  
(21) 2019901006 (22) 26.03.2019  
(54) A Pinch Valve Mechanism
- 
- (71) Murdoch University  
(21) 2019900951 (22) 21.03.2019  
(54) Peptide Preparative Methodology
- 
- Nielsen, D. see Cole, C.**  
(21) 2019901061
- 
- NSW Health Pathology see University of New South Wales**  
(21) 2019900991
- 
- (71) Objective Learning Materials Pty Ltd  
(21) 2019901066 (22) 29.03.2019  
(54) Templates for learning and teaching
- 
- Oldfield, L. see Flint, J.**  
(21) 2019900971
- 
- (71) Olivia Newton-John Cancer Research Institute  
(21) 2019900973 (22) 22.03.2019  
(54) Anti HER2 binding molecules
- 
- (71) Opping-Addae, G.  
(21) 2019900958 (22) 21.03.2019  
(54) Gastro Analyser Improvements
- 
- (71) PAM CO. Pty Ltd  
(21) 2019901028 (22) 27.03.2019  
(54) A barbecue
- 
- (71) PANDOE PTY LTD  
(21) 2019901045 (22) 28.03.2019  
(54) AN IMPROVED PILE
- 
- (71) Panelpod Pty Ltd  
(21) 2019900950 (22) 21.03.2019  
(54) FLUID MEASURING SYSTEM
- 
- PASCOE, G. see GIFFORD, D.**  
(21) 2019901087
- 
- (71) Pateman, J.  
(21) 2019900967 (22) 22.03.2019  
(54) A Balance Support Assembly
-

Provisional Applications Filed - Name Index cont'd

- (71) Puthiamparapil, C.  
(21) 2019901038 (22) 27.03.2019  
(54) AN ADD ON / EXTENSION TO CONVERT A WEBPAGE INTO AN ALTERNATE FORMAT WHICH MATCHES WORDS ON ANY WEBPAGE WITH ADVERTISEMENTS FROM A SPECIFIC DATABASE
- 
- RANAWEERA, C. see GIFFORD, D.**  
(21) 2019901087
- 
- (71) Repeller Pty Ltd  
(21) 2019901049 (22) 28.03.2019  
(54) Anti-Mollusc Composition (2)
- 
- (71) Rheem Australia Pty Limited  
(21) 2019901064 (22) 29.03.2019  
(54) An Improved Water Heater Cover Assembly
- 
- (71) ROUND PIXEL PTY LTD  
(21) 2019901079 (22) 29.03.2019  
(54) Privacy preserving visitor recognition and movement pattern analysis based on computer vision
- 
- (71) Saito, Y.  
(21) 2019901017 (22) 26.03.2019  
(54) Stem and Leaf Speedometer, Odometer
- 
- (71) SAKARI PTY LTD  
(21) 2019901046 (22) 28.03.2019  
(54) An Improved Cooked Product, Dough or Batter and Dough or Batter Making Process
- 
- Scully, A. see Scully, G.**  
(21) 2019900948
- 
- (71) Scully, G.; Scully, A.  
(21) 2019900948 (22) 21.03.2019  
(54) A flushable liner
- 
- (71) Secure Keys Pty Ltd  
(21) 2019901084 (22) 31.03.2019  
(54) A SYSTEM, METHOD, AND COMPUTER PROGRAM FOR RESTRICTING ACCESS TO AN ELECTRONIC IMAGE
- 
- (71) Siomos, S.  
(21) 2019900978 (22) 23.03.2019  
(54) PRESSURE SENSITIVE TAPE WITH DYNAMIC COLOUR PROPERTIES
- 
- (71) SJC IP HOLDINGS PTY LTD  
(21) 2019901075 (22) 29.03.2019  
(54) TOOTHBRUSH
- 
- (71) Smith, L.  
(21) 2019901001 (22) 25.03.2019  
(54) Multi material 3D printer
- 
- South Eastern Sydney Area Health Service see University of New South Wales**  
(21) 2019900991
- 
- (71) SOUTHERN INNOVATION INTERNATIONAL PTY LTD  
(21) 2019900974 (22) 22.03.2019  
(54) RADIATION DETECTION WITH NON-PARAMETRIC DECOMPOUNDING OF PULSE PILE-UP
- 
- (71) Space Grill Global IP Pty Ltd  
(21) 2019901004 (22) 26.03.2019  
(54) An Improved Cooker or Grill
- 
- Spiryagin, M. see Cole, C.**  
(21) 2019901061
- 
- (71) Stoked Stash Pty Ltd  
(21) 2019901073 (22) 29.03.2019  
(54) Storage Container
- 
- (71) Stratco (Australia) Pty Limited  
(21) 2019901072 (22) 29.03.2019  
(54) CLADDING PANEL ARRANGEMENT AND PANEL RETAINER CLIP
- 
- (71) Swinburne University of Technology  
(21) 2019900970 (22) 22.03.2019  
(54) An Optical Device and A Method of Forming an Optical Device
- 
- (71) Synergetics Pty Ltd  
(21) 2019900979 (22) 24.03.2019  
(54) Ventilation and Particulate Matter Removal System
- 
- (71) Systems Chall-Enger Pty Ltd  
(21) 2019901018 (22) 26.03.2019  
(54) METHOD AND APPARATUS FOR JUDGING COMPETITOR FREESTYLE PERFORMANCE
- 
- (71) Technofast Industries Pty Ltd  
(21) 2019900986 (22) 25.03.2019  
(54) Radial fit coupling bolts
- 
- (71) The Australian National University  
(21) 2019901069 (22) 29.03.2019  
(54) Markers of drought tolerance in plants
- 
- (71) The Florey Institute of Neuroscience and Mental Health  
(21) 2019901026 (22) 27.03.2019  
(54) Inhibition of ferroptosis
- 
- (71) THE ICING COMPANY PTY LTD  
(21) 2019901063 (22) 29.03.2019  
(54) SLIMY PLAY MATERIAL
- 
- (71) The Laughing Mind Pty Ltd  
(21) 2019901088 (22) 01.04.2019  
(54) METHOD AND SYSTEM FOR SUPPORTING BEHAVIOURAL CHANGE
- 
- (71) The University of Adelaide  
(21) 2019900985 (22) 25.03.2019  
(54) METHOD AND SYSTEM TO DETECT ORBITING OBJECTS
- 
- (71) The University of Melbourne  
(21) 2019901065 (22) 29.03.2019  
(54) Multi-electrode neural stimulation
- 
- (71) The University of Western Australia  
(21) 2019901052 (22) 28.03.2019  
(54) Apparatus and method for detecting solids formation
- 
- (71) Tournicare Pty Ltd  
(21) 2019901000 (22) 25.03.2019  
(54) Clamping devices and methods for measuring blood pressure
- 
- (71) Treated Timber Remediation Pty. Ltd  
(21) 2019900995 (22) 25.03.2019  
(54) Timber Remediation
- 
- (71) Trelleborg Engineered Products Australia Pty Ltd  
(21) 2019901030 (22) 27.03.2019  
(54) A rapidly replaceable self adhesive wear liner or impact resistant cladding
- 
- (71) TUBI PTY LTD  
(21) 2019901016 (22) 26.03.2019  
(54) MODULAR PIPE FORMATION APPARATUS
- 
- TYDEMAN, S. see Henely, M.**  
(21) 2019901077
- 
- (71) University of New South Wales; NSW Health Pathology; South Eastern Sydney Area Health Service  
(21) 2019900991 (22) 25.03.2019  
(54) Treating immune platelet disorders using antigen-binding fragments

Provisional Applications Filed - Name Index cont'd

(71) VAR Controls Pty Ltd  
 (21) 2019900947 (22) 21.03.2019  
 (54) A truck subsystem interlock control system

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(71) Volta Pty Ltd  
 (21) 2019901067 (22) 29.03.2019  
 (54) Supercapacitor

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(71) Wats & Co Pty Ltd  
 (21) 2019900956 (22) 21.03.2019  
 (54) A handheld spray device

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(71) Webber, G.  
 (21) 2019900987 (22) 25.03.2019  
 (54) Flexible surfboard deck corrugations

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(71) Webber, G.  
 (21) 2019901025 (22) 27.03.2019  
 (54) Surfboard fin mounting device

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(71) Webber, G.  
 (21) 2019901083 (22) 31.03.2019  
 (54) Wave magnifying device

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(71) Weir Minerals Australia Ltd  
 (21) 2019900960 (22) 21.03.2019  
 (54) Method and system for handling slurry

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(71) Weir Minerals Australia Ltd  
 (21) 2019900961 (22) 21.03.2019  
 (54) High flow non pressurised filling control valve

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**WHEELWRIGHT, W. see GIFFORD, D.**  
 (21) 2019901087

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**Wu, Q. see Cole, C.**  
 (21) 2019901061

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(71) Wynne, E.  
 (21) 2019900994 (22) 25.03.2019  
 (54) A Board

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(71) Xard Group Pty Ltd  
 (21) 2019901029 (22) 27.03.2019  
 (54) TSM PROVISIONING TO A REMOTE DPD (INCLUDING SYNCHRONOUS COMMUNICATION)

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(71) XBlades Pty. Ltd.  
 (21) 2019900962 (22) 21.03.2019  
 (54) A SOLE

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(71) YIXING BOYUAN BAMBOO & WOOD INDUSTRIAL CO., LTD.  
 (21) 2019900989 (22) 25.03.2019  
 (54) Improvements in engineered composite floorboards and production processes thereof

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(71) Young, N.  
 (21) 2019901039 (22) 27.03.2019  
 (54) OGT's Four Wheel Drive Rim and 'Tooth' accessories

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(71) Zhang, J.  
 (21) 2019901048 (22) 28.03.2019  
 (54) A COOLING SYSTEM

Numerical Index

2019900946	Chang Gung Memorial Hospital, Kaohsiung	2019901011	Makenit Pty Ltd
2019900947	VAR Controls Pty Ltd	2019901012	Aristocrat Technologies Australia Pty Limited
2019900948	Scully, G.; Scully, A.	2019901013	Cona International Pty Ltd ACN 631 444 525
2019900949	BELKE, J.	2019901014	McEachern, J.
2019900950	Panelpod Pty Ltd	2019901015	Ellis, P.
2019900951	Murdoch University	2019901016	TUBI PTY LTD
2019900952	DYNAVEIL PTY LTD	2019901017	Saito, Y.
2019900953	Critus Pty Ltd	2019901018	Systems Chall-Enger Pty Ltd
2019900954	AMSL Innovations Pty Ltd	2019901019	Evocra Pty Limited
2019900955	Brickworks Building Products Pty Ltd	2019901020	HAEMOKINESIS PTY LTD
2019900956	Wats & Co Pty Ltd	2019901021	Muir, C.
2019900957	IP OF AUSTRALASIAN DISTRIBUTORS PTY LTD	2019901022	Higgins, C.
2019900958	Oppong-Addae, G.	2019901023	Capdevila, C.
2019900959	Monteagle, T.	2019901024	Blakeway, M.
2019900960	Weir Minerals Australia Ltd	2019901025	Webber, G.
2019900961	Weir Minerals Australia Ltd	2019901026	The Florey Institute of Neuroscience and Mental Health
2019900962	XBlades Pty. Ltd.	2019901027	Dhanekula, A.
2019900963	AUSTRALIAN BRUSHWARE CORPORATION PTY LTD	2019901028	PAM CO. Pty Ltd
2019900964	McGregor Diesel Pty Ltd	2019901029	Xard Group Pty Ltd
2019900965	Bui, T.	2019901030	Trelleborg Engineered Products Australia Pty Ltd
2019900966	Larkin & Shoushani Solutions Pty Ltd	2019901031	Multigate Medical Devices Pty Ltd
2019900967	Pateman, J.	2019901032	Croser, D.
2019900968	Kreis, D.	2019901033	Greenlines Gardenware Pty Ltd
2019900969	Hardfacing Industries WA Pty Ltd	2019901034	Braidotti, P.
2019900970	Swinburne University of Technology	2019901035	Monash University
2019900971	Flint, J.; Oldfield, L.	2019901036	Graphene Manufacturing Australia Pty Ltd
2019900972	BFRE Pty Ltd	2019901037	Built Environment Compliance Pty Ltd
2019900973	Olivia Newton-John Cancer Research Institute	2019901038	Puthiaparampil, C.
2019900974	SOUTHERN INNOVATION INTERNATIONAL PTY LTD	2019901039	Young, N.
2019900975	InterK Peptide Therapeutics Limited	2019901042	Crosby, B.
2019900976	Momentum Concepts Pty Ltd	2019901044	Matthews, N.
2019900977	Matthews, S.	2019901045	PANDOE PTY LTD
2019900978	Siomos, S.	2019901046	SAKARI PTY LTD
2019900979	Synergetics Pty Ltd	2019901047	Findlay, M.
2019900980	Arora, S.	2019901048	Zhang, J.
2019900981	KIRKHAM, S.	2019901049	Repeller Pty Ltd
2019900982	JORGENSON-WATTS IP PTY LTD	2019901050	Amplia Therapeutics Ltd
2019900983	Herford, N.; Hanson, M.G.	2019901052	The University of Western Australia
2019900984	Engineroom Infrastructure Consulting Pty Ltd	2019901053	BANKVAULT PTY LTD
2019900985	The University of Adelaide	2019901057	ANDRIUSKEVICIUS, E.
2019900986	Technofast Industries Pty Ltd	2019901058	Breville Pty Limited
2019900987	Webber, G.	2019901059	Kaizen Engineering Pty Ltd
2019900988	Hill, B.	2019901060	BH Biotech Pty Ltd
2019900989	YIXING BOYUAN BAMBOO & WOOD INDUSTRIAL CO., LTD.	2019901061	Cole, C.; Wu, Q.; Ahmad, S.; Bernal, E.; Spiriyagin, M.; Nielsen, D.
2019900990	Breville Pty Limited	2019901062	Genova, L.
2019900991	University of New South Wales; NSW Health Pathology; South Eastern Sydney Area Health Service	2019901063	THE ICING COMPANY PTY LTD
2019900992	Bionomics Limited	2019901064	Rheem Australia Pty Limited
2019900993	Glidestore Freetrack Pty Ltd	2019901065	The University of Melbourne
2019900994	Wynne, E.	2019901066	Objective Learning Materials Pty Ltd
2019900995	Treated Timber Remediation Pty. Ltd	2019901067	Volta Pty Ltd
2019900996	Hamilton, W.	2019901068	Fresh Supply Co. Pty. Ltd.
2019900997	Charlton, T.	2019901069	The Australian National University
2019900998	Amtek Pty Limited	2019901070	CSR Building Products Limited
2019900999	Hydrobe Pty Ltd	2019901071	Australian Hearing Services
2019901000	Tournicare Pty Ltd	2019901072	Stratco (Australia) Pty Limited
2019901001	Smith, L.	2019901073	Stoked Stash Pty Ltd
2019901002	Bailes, P.	2019901074	Convert Group Pty Ltd
2019901003	Delkor Rail Pty Ltd	2019901075	SJC IP HOLDINGS PTY LTD
2019901004	Space Grill Global IP Pty Ltd	2019901076	Beta Vision Products Australia Pty Ltd
2019901005	CSR Building Products Limited	2019901077	Henely, M.; TYDEMAN, S.
2019901006	Multigate Medical Products Pty Ltd	2019901078	Australian Hearing Services
2019901007	Evolve Skateboards Pty Ltd.	2019901079	ROUND PIXEL PTY LTD
2019901008	de Florenca, A.M.	2019901080	GARDNER, M.
2019901009	Aristocrat Technologies Australia Pty Limited	2019901081	Ideate Developments Pty Ltd
2019901010	Aristocrat Technologies Australia Pty Limited	2019901082	Laffan, S.
		2019901083	Webber, G.
		2019901084	Secure Keys Pty Ltd

**Provisional Applications Filed - Numerical Index cont'd**

**2019901085** Agscent Pty Ltd  
**2019901086** Lowbake International Pty Ltd  
**2019901087** GIFFORD, D.; MILLS, S.; PASCOE, G.; RANAWEERA,  
C.; WHEELWRIGHT, W.  
**2019901088** The Laughing Mind Pty Ltd

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Mar 2019 .

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

<hr/> <p>(71) 24/7 Customer, Inc. (21) 2019202120 (22) 27.03.2019 (54) METHOD AND SYSTEM FOR IMPROVING CUSTOMER EXPERIENCES (62) 2016219060</p> <hr/> <p>(71) A8 Game Limited (21) 2019202178 (22) 29.03.2019 (54) System and method for facilitating a card game (31) 16/290,339 (32) 01.03.19 (33) US 62/702,010 23.07.18 US 16/144,010 27.09.18 US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019201980 (22) 21.03.2019 (54) A COLLABORATIVE VIRTUAL ENVIRONMENT (31) 15/959,892 (32) 23.04.18 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019202032 (22) 25.03.2019 (54) SECURE PRODUCT IDENTIFICATION AND VERIFICATION (62) 2018200499</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019202083 (22) 26.03.2019 (54) REAL-TIME METHOD AND SYSTEM FOR ASSESSING AND IMPROVING A PRESENCE AND PERCEPTION OF AN ENTITY (62) 2017232032</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019202091 (22) 26.03.2019 (54) COMPARATIVE MULTI-FORECASTING ANALYTICS SERVICE STACK FOR CLOUD COMPUTING RESOURCE ALLOCATION (62) 2017264992</p> <hr/> <p>(71) ADIENNE Pharma &amp; Biotech SA (21) 2019202030 (22) 25.03.2019 (54) Sterile flexible package with pressure compensator for the dosed reconstitution of fluid medicinal or nutritional substances to be administered to patients by infusion or injection (31) 102018000004116 (32) 30.03.18 (33) IT</p>	<p>(71) Adobe Inc. (21) 2019202026 (22) 22.03.2019 (54) A DEEP LEARNING MODEL FOR REAL-TIME 2D LIP SYNC (31) 16/016,418 (32) 22.06.18 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2019202063 (22) 25.03.2019 (54) SYNTHESIZING NEW FONT GLYPHS FROM PARTIAL OBSERVATIONS (31) 16/010,110 (32) 15.06.18 (33) US</p> <hr/> <p>(71) Adverio Pharma GmbH (21) 2019202123 (22) 27.03.2019 (54) Method for producing substituted 5-fluoro-1H-pyrazolopyridines (62) 2017254916</p> <hr/> <p>(71) Agency for Defense Development (21) 2019202181 (22) 29.03.2019 (54) Supersonic aircraft having function of controlling position of terminal shock</p> <hr/> <p>(71) AgeneBio, Inc. (21) 2019201994 (22) 22.03.2019 (54) Methods and compositions for improving cognitive function (62) 2014228512</p> <hr/> <p>(71) Ainsworth Game Technology Limited (21) 2019202150 (22) 28.03.2019 (54) A gaming machine and method with tiered feature game (31) 15/939,771 (32) 29.03.18 (33) US</p> <hr/> <p>(71) Akebia Therapeutics, Inc. (21) 2019202144 (22) 28.03.2019 (54) Solid forms of {(5-(3-chlorophenyl)-3-hydroxypyridine-2-carbonyl)amino}acetic acid, compositions, and uses thereof (62) 2014348523</p> <hr/> <p>(71) Alcohol Monitoring Systems, Inc. (21) 2019202187 (22) 29.03.2019 (54) REMOTE BREATH ALCOHOL MONITORING (62) 2014328597</p> <hr/> <p>(71) ALLENSPACH, M.; MÖTTELI, J. (21) 2019202096 (22) 27.03.2019</p>	<p>(54) REUSEABLE BODY APPLICATION STENCIL ARRANGEMENT, APPARATUS, AND METHOD OF USE (62) 2017204373</p> <hr/> <p><b>Alpha Innovations S.A. see ALSTOM Transport Technologies</b> (21) 2019202017</p> <hr/> <p>(71) ALSTOM Transport Technologies; Alpha Innovations S.A. (21) 2019202017 (22) 22.03.2019 (54) Dispositif d'alimentation électrique, installation électrique et procédé de répartition de la puissance électrique délivrée par un tel dispositif (31) 18 52495 (32) 22.03.18 (33) FR</p> <hr/> <p>(71) Apple Inc. (21) 2019202136 (22) 28.03.2019 (54) Detecting a trigger of a digital assistant (62) 2018260948</p> <hr/> <p>(71) Aqseptence Group Pty Ltd (21) 2019202143 (22) 28.03.2019 (54) A centrifuge basket (31) 2018902445 (32) 05.07.18 (33) AU</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019201996 (22) 22.03.2019 (54) A gaming machine with a hold symbol function (62) 2018202044</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019202076 (22) 26.03.2019 (54) GAMING SYSTEM PROVIDING FOR VARIABLE ANCILLARY NON-CASH AWARDS (31) 15/938,698 (32) 28.03.18 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019202212 (22) 29.03.2019 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2017203350</p> <hr/> <p>(71) Arysta LifeScience Benelux SPRL (21) 2019202051 (22) 25.03.2019</p>
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Complete Applications Filed - Name Index cont'd

(54) Method for anti-sprouting tuber treatment with reduced amount of CIPC  
(62) 2015335026

(71) ASSA ABLOY Korea  
(21) 2019202084 (22) 26.03.2019  
(54) A driving assembly for a lever-type door lock  
(31) KR10-2018-003827(32) 02.04.18 (33) KR  
KR20-2018-0001680 16.04.18 KR

(71) Bechtel Oil, Gas, and Chemicals, Inc.  
(21) 2019202086 (22) 26.03.2019  
(54) ADJUSTABLE SUPPORT  
(62) 2016386003

(71) Biogen MA Inc.  
(21) 2019201997 (22) 22.03.2019  
(54) Biaryl compounds useful for the treatment of human diseases in oncology, neurology and immunology  
(62) 2014362231

(71) Biosense Webster (Israel) Ltd.  
(21) 2019202042 (22) 25.03.2019  
(54) Catheter with transverse branches  
(62) 2015200660

(71) BLUESCOPE STEEL LIMITED  
(21) 2019201985 (22) 22.03.2019  
(54) Improved box beam and C-section structural member therefor  
(62) 2017201117

(71) BLUESCOPE STEEL LIMITED  
(21) 2019202105 (22) 27.03.2019  
(54) METHOD OF PRODUCING CLADDING SHEETS  
(62) 2017201547

**BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM see CASE WESTERN RESERVE UNIVERSITY**  
(21) 2019202208

(71) BoomCloud 360, Inc.  
(21) 2019202161 (22) 28.03.2019  
(54) SUBBAND SPATIAL AND CROSSTALK CANCELLATION FOR AUDIO REPRODUCTION  
(62) 2017208909

(71) Bravo Sports  
(21) 2019202028 (22) 24.03.2019  
(54) Electric scooter  
(62) 2016250401

(71) Bruckbauer, W.  
(21) 2019202038 (22) 25.03.2019

(54) Wall box and ventilation system comprising a wall box  
(31) 102018205935.7 (32) 18.04.18 (33) DE

(71) C7 SUGAR GMBH  
(21) 2019202147 (22) 28.03.2019  
(54) Use Of Sedoheptulose As A Nutritional Supplement  
(62) 2014234229

(71) CAE Inc.  
(21) 2019202197 (22) 29.03.2019  
(54) SYNCHRONIZING VIDEO OUTPUTS TOWARDS A SINGLE DISPLAY FREQUENCY  
(31) 15/941,929 (32) 30.03.18 (33) US

(71) CareFusion 303, Inc.  
(21) 2019202098 (22) 27.03.2019  
(54) EXTENSIBLE DEPLOYMENT SYSTEM  
(62) 2013344935

(71) Carl Kammerling International Limited  
(21) 2019202119 (22) 27.03.2019  
(54) A Cutter  
(31) 1805281.1 (32) 29.03.18 (33) GB

(71) CARTER, B.  
(21) 2019202211 (22) 29.03.2019  
(54) A CABLE  
(31) 2018901458 (32) 01.05.18 (33) AU

(71) Casale SA  
(21) 2019202003 (22) 22.03.2019  
(54) Tube heat exchange unit for internals of heat exchangers or reactors  
(62) 2014364675

(71) CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM  
(21) 2019202208 (22) 29.03.2019  
(54) COMPOSITIONS AND METHODS OF MODULATING SHORT-CHAIN DEHYDROGENASE ACTIVITY  
(62) 2014342811

(71) Celgene Corporation  
(21) 2019202089 (22) 26.03.2019  
(54) Modified T lymphocytes  
(62) 2014240083

(71) Chevron U.S.A. Inc.  
(21) 2019202152 (22) 28.03.2019  
(54) Middle distillate hydrocracking catalyst with a base extrudate having a high nanopore volume  
(62) 2015249916

(71) China University of Petroleum-Beijing  
(21) 2019202012 (22) 22.03.2019  
(54) Drilling fluid density segmented regulation device  
(31) 201810263287.5 (32) 28.03.18 (33) CN

(71) China University of Petroleum-Beijing  
(21) 2019202097 (22) 27.03.2019  
(54) Drilling fluid density online regulation device  
(31) 201810263801.5 (32) 28.03.18 (33) CN

(71) China University of Petroleum-Beijing  
(21) 2019202100 (22) 27.03.2019  
(54) Drilling fluid density segmented regulation device  
(31) 201810263287.5 (32) 28.03.18 (33) CN

(71) Chunan Liyi Cup Co., Ltd.  
(21) 2019202131 (22) 27.03.2019  
(54) A separation brewing coffee cup  
(31) 2019101938981 (32) 14.03.19 (33) CN

(71) Clariant International Ltd  
(21) 2019202031 (22) 25.03.2019  
(54) Organic ammonium salts of anionic pesticides  
(62) 2015303167

(71) CLA-VAL COMPANY  
(21) 2019202093 (22) 26.03.2019  
(54) Valve with integral insert-cast seat and related method  
(31) 15/952,006 (32) 12.04.18 (33) US

(71) Clover Network, Inc.  
(21) 2019202162 (22) 28.03.2019  
(54) Dual mode payment and display system  
(31) 16/046,001 (32) 26.07.18 (33) US

(71) Clover Network, Inc.  
(21) 2019202163 (22) 28.03.2019  
(54) Provisioning a secure connection using a pre-shared key  
(31) 16/150,625 (32) 03.10.18 (33) US

(71) Coalfields Engineering Pty Ltd  
(21) 2019202210 (22) 29.03.2019  
(54) A POINT ASSEMBLY  
(31) 2018901610 (32) 10.05.18 (33) AU

(71) Cohda Wireless Pty Ltd  
(21) 2019202088 (22) 26.03.2019  
(54) Systems and methods for automatically training neural networks  
(31) 2018900999 (32) 26.03.18 (33) AU

**CommScope Connectivity Belgium BVBA see CommScope Technologies LLC**  
(21) 2019202102

Complete Applications Filed - Name Index cont'd

<p><b>CommScope Connectivity UK Limited see CommScope Technologies LLC</b> (21) 2019202102</p>	<p>(54) Time averaged basal rate optimizer (62) 2017219138</p>	<p>(71) eBet Systems Pty Ltd; Ecash Holdings Pty Ltd (21) 2019202157 (22) 28.03.2019 (54) System and method for providing non-currency functionality in an electronic gaming machine (62) 2016277602</p>
<p>(71) CommScope Technologies LLC; CommScope Connectivity UK Limited; CommScope Connectivity Belgium BVBA (21) 2019202102 (22) 27.03.2019 (54) Single line passive optical network converter module (62) 2014342199</p>	<p>(71) Dexcom, Inc. (21) 2019202044 (22) 25.03.2019 (54) System and method for educating users, including responding to patterns (62) 2016258193</p>	<p><b>Ecash Holdings Pty Ltd see eBet Systems Pty Ltd</b> (21) 2019202157</p>
<p>(71) Crane, B.M. (21) 2019202177 (22) 29.03.2019 (54) Improvements in Seed Destroying Impact Mill Assemblies (31) 2018901044 (32) 29.03.18 (33) AU</p>	<p>(71) Dexcom, Inc. (21) 2019202094 (22) 26.03.2019 (54) System and method for data analytics and visualization (62) 2015328459</p>	<p>(71) Eli Lilly and Company (21) 2019202000 (22) 22.03.2019 (54) Methods and compositions for treating disorders (62) 2017203706</p>
<p><b>DAI, J. see PAN, M.</b> (21) 2019202129</p>	<p>(71) Dexcom, Inc. (21) 2019202148 (22) 28.03.2019 (54) System and method for mode switching (62) 2015320803</p>	<p>(71) Equinox Ophthalmic, Inc. (21) 2019202196 (22) 29.03.2019 (54) Eye-related intrabody pressure identification and modification (62) 2016311449</p>
<p>(71) Dali Systems Co. Ltd. (21) 2019202115 (22) 27.03.2019 (54) Digital multiplexer in a distributed antenna system (62) 2014369919</p>	<p>(71) Dongyang Haoming Clothing Co., Ltd. (21) 2019202004 (22) 22.03.2019 (54) A T-Shirt Folding Device (31) 2019101886188 (32) 13.03.19 (33) CN</p>	<p>(71) EVERDIGM Corp. (21) 2019202154 (22) 28.03.2019 (54) Attachment coupling device for heavy industrial equipment (31) 10-2018-0089888 (32) 01.08.18 (33) KR</p>
<p>(71) Dali Systems Co. Ltd. (21) 2019202185 (22) 29.03.2019 (54) Network switch for a distributed antenna network (62) 2015203912</p>	<p>(71) Dongyang Haoming Clothing Co., Ltd. (21) 2019202060 (22) 25.03.2019 (54) A T-Shirt Display Device (31) 2019102055054 (32) 18.03.19 (33) CN</p>	<p>(71) Ezyform International Pty Ltd (21) 2019202079 (22) 26.03.2019 (54) Extruded Concrete Formwork System and Method (31) 2018901000 (32) 26.03.18 (33) AU</p>
<p>(71) Dali Systems Co. Ltd. (21) 2019202190 (22) 29.03.2019 (54) Digital transport of data over distributed antenna network (62) 2014364473</p>	<p>(71) Ductmate Industries, Inc. (21) 2019202183 (22) 29.03.2019 (54) Angle plate package having a single strap (31) 15/944,548 (32) 03.04.18 (33) US</p>	<p>(71) Family Zone Cyber Safety Ltd (21) 2019202203 (22) 29.03.2019 (54) A DEVICE MANAGEMENT SYSTEM (62) 2015245935</p>
<p>(71) DEKA Products Limited Partnership (21) 2019202073 (22) 26.03.2019 (54) Method and system for communication between a monitoring client and a base (62) 2018267582</p>	<p>(71) Duo Secundus Pty Ltd (21) 2019202121 (22) 27.03.2019 (54) INTERACTIVE METHOD AND SYSTEM FOR CAPTURING IMAGES OF DOCUMENTS FOR ANALYSIS (31) 2018901985 (32) 03.06.18 (33) AU</p>	<p>(71) FEI Company (21) 2019202046 (22) 25.03.2019 (54) Scanning trajectories for region-of-interest tomography (31) 62/660,433 (32) 20.04.18 (33) US</p>
<p>(71) DEKA Products Limited Partnership (21) 2019202164 (22) 28.03.2019 (54) Syringe pump system (62) 2018202702</p>	<p>(71) Dynamics Inc. (21) 2019202049 (22) 25.03.2019 (54) Systems, devices, and methods for mobile payment acceptance, mobile authorizations, mobile wallets, and contactless communication mechanisms (62) 2017204011</p>	<p>(71) FEI Company (21) 2019202047 (22) 25.03.2019 (54) X-ray beam-hardening correction in tomographic reconstruction using the Alvarez-Macovski attenuation model (31) 62/659,887 (32) 19.04.18 (33) US</p>
<p>(71) Depuy Synthes Products, Inc. (21) 2019202191 (22) 29.03.2019 (54) Nutrient enriched media for hUTC growth (62) 2013359265</p>	<p>(71) Eaton Intelligent Power Limited (21) 2019202002 (22) 22.03.2019 (54) SUPERCHARGER (31) 62/650,359 (32) 30.03.18 (33) US</p>	<p><b>FF Seeley Nominees Pty Ltd see Seeley International Pty Ltd</b> (21) 2019202014</p>
<p>(71) Dexcom, Inc. (21) 2019202128 (22) 27.03.2019</p>	<p>(71) Eavor Technologies Inc (21) 2019202101 (22) 27.03.2019 (54) FLUID FOR USE IN POWER PRODUCTION ENVIRONMENTS (31) 62/669,686 (32) 10.05.18 (33) US</p>	



Complete Applications Filed - Name Index cont'd

(71) FLEMING, F.  
 (21) 2019202215 (22) 29.03.2019  
 (54) A system and apparatus for forming a portable camp fire for camping and recreational use  
 (31) 2018901062 (32) 29.03.18 (33) AU

(71) GENENTECH, INC.  
 (21) 2019202195 (22) 29.03.2019  
 (54) Methods of treating cancer using PD-1 axis binding antagonists and TIGIT inhibitors  
 (62) 2014290069

(71) Geomni, Inc.  
 (21) 2019201991 (22) 22.03.2019  
 (54) Systems and methods for lean ortho correction for computer models of structures  
 (31) 62/646,985 (32) 23.03.18 (33) US

(71) Georgia State University Research Foundation  
 (21) 2019202174 (22) 29.03.2019  
 (54) ANTI-ANGIOGENIC AGENT AND METHOD OF USING SUCH AGENT  
 (62) 2017201133

(71) GlaxoSmithKline Biologicals SA  
 (21) 2019202081 (22) 26.03.2019  
 (54) ADENOVIRUS POLYNUCLEOTIDES AND POLYPEPTIDES  
 (62) 2016275619

(71) Google LLC  
 (21) 2019202114 (22) 27.03.2019  
 (54) Multi-view audio and video interactive playback  
 (62) 2014352892

(71) Google LLC  
 (21) 2019202180 (22) 29.03.2019  
 (54) STABILIZING VIDEO  
 (62) 2016338497

(71) Graco Minnesota Inc.  
 (21) 2019202108 (22) 27.03.2019  
 (54) Spray gun and components for spraying paints and other coatings  
 (31) 62/651,188 (32) 01.04.18 (33) US  
 62/787,671 02.01.19 US

(71) Graco Minnesota Inc.  
 (21) 2019202112 (22) 27.03.2019  
 (54) Packing insertion tool for paint and other fluid pumps  
 (31) 62/648,996 (32) 28.03.18 (33) US  
 16/352,549 13.03.19 US

(71) Graco Minnesota Inc.  
 (21) 2019202113 (22) 27.03.2019

(54) Packing stack carrier for paint and other fluid pumps  
 (31) 16/352,561 (32) 13.03.19 (33) US  
 62/649,003 28.03.18 US

(71) Guardant Health, Inc.  
 (21) 2019202216 (22) 29.03.2019  
 (54) METHODS AND SYSTEMS FOR DETECTING GENETIC VARIANTS  
 (62) 2014369841

(71) Haining Jinshi Crystal Co., Ltd.  
 (21) 2019202013 (22) 22.03.2019  
 (54) A packaging box for crystal jewelry  
 (31) 201910188910X (32) 13.03.19 (33) CN

(71) Haining Jinshi Crystal Co., Ltd.  
 (21) 2019202213 (22) 29.03.2019  
 (54) An inspection apparatus for crystal jewelry  
 (31) 2019102050629 (32) 18.03.19 (33) CN

(71) Hangzhou Fuyang Fuxiang Computer Co., Ltd.  
 (21) 2019202001 (22) 22.03.2019  
 (54) A keyboard holder  
 (31) 2019101811181 (32) 11.03.19 (33) CN

(71) Hangzhou Fuyang Fuxiang Computer Co., Ltd.  
 (21) 2019202015 (22) 22.03.2019  
 (54) A display support  
 (31) 2019101935146 (32) 14.03.19 (33) CN

(71) Hangzhou Fuyang Fuxiang Computer Co., Ltd.  
 (21) 2019202220 (22) 29.03.2019  
 (54) an auxiliary labor-saving mouse pad  
 (31) 2019102050309 (32) 18.03.19 (33) CN

(71) Hangzhou Mulin Eyewear Co., Ltd.  
 (21) 2019202095 (22) 26.03.2019  
 (54) A length-adjustable pen  
 (31) 2019102090452 (32) 19.03.19 (33) CN

(71) Hangzhou Zhenhang Crystal Co., Ltd.  
 (21) 2019202056 (22) 25.03.2019  
 (54) An anti-theft apparatus for crystal jewelry  
 (31) 2019102055035 (32) 18.03.19 (33) CN

(71) Hangzhou Zhenhang Crystal Co., Ltd.  
 (21) 2019202221 (22) 29.03.2019  
 (54) A crystal mounting arrangement  
 (31) 2019102243388 (32) 22.03.19 (33) CN

(71) Harrow Health, Inc.  
 (21) 2019202127 (22) 27.03.2019  
 (54) Pharmaceutical formulations of xanthine or xanthine derivatives  
 (62) 2015375330

(71) Hewlett-Packard Development Company, L.P.  
 (21) 2019201983 (22) 22.03.2019  
 (54) Replaceable item authentication  
 (62) 2016325190

(71) HFI Innovation Inc.  
 (21) 2019202043 (22) 25.03.2019  
 (54) Method and apparatus for palette coding of monochrome contents in video and image compression  
 (62) 2016222177

(71) I2DX, Inc.  
 (21) 2019202082 (22) 26.03.2019  
 (54) ELECTRONIC DELIVERY OF INFORMATION IN PERSONALIZED MEDICINE  
 (62) 2017204178

(71) IGT  
 (21) 2019202188 (22) 29.03.2019  
 (54) SYSTEM AND METHOD FOR INCENTIVIZING THE MAINTENANCE OF FUNDS IN A GAMING ESTABLISHMENT ACCOUNT  
 (31) 15/956,169 (32) 18.04.18 (33) US

(71) iHeartMedia Management Services, Inc.  
 (21) 2019202167 (22) 28.03.2019  
 (54) MULTI-INPUT PLAYLIST SELECTION  
 (62) 2013312344

(71) Innovapark, LLC  
 (21) 2019202033 (22) 25.03.2019  
 (54) Meterless remote parking monitoring system  
 (62) 2017203526

(71) inRegen  
 (21) 2019202099 (22) 27.03.2019  
 (54) Isolated renal cells and uses thereof  
 (62) 2017202897

(71) Interactive Intelligence Group, Inc.  
 (21) 2019202146 (22) 28.03.2019  
 (54) System and method for outlier identification to remove poor alignments in speech synthesis  
 (62) 2015397951

(71) Ironwood Pharmaceuticals, Inc  
 (21) 2019202052 (22) 25.03.2019  
 (54) Treatments for gastrointestinal disorders  
 (62) 2017200588

(71) Jain Irrigation Systems Limited  
 (21) 2019202050 (22) 25.03.2019

Complete Applications Filed - Name Index cont'd

- (54) Modulated cyclic flow (MCF) drip irrigation systems  
(62) 2017203202
- 
- (71) JETYD Corporation  
(21) 2019202206 (22) 29.03.2019  
(54) Apparatus for tightening threaded fasteners  
(62) 2017276291
- 
- (71) Jiaxing Dingsheng Cup Industry Co., Ltd.  
(21) 2019202133 (22) 27.03.2019  
(54) A Tea Making Cup  
(31) 2019102098740 (32) 19.03.19 (33) CN
- 
- (71) Jusand Nominees Pty Ltd  
(21) 2019202151 (22) 28.03.2019  
(54) Retainer device for a rock anchor, rock anchor system and associated installation method  
(62) 2018223042
- 
- (71) Kaihua Dali Cup Co., Ltd.  
(21) 2019202020 (22) 22.03.2019  
(54) A filtering cup for a pour-over coffee  
(31) 2019101938977 (32) 14.03.19 (33) CN
- 
- (71) Kim, J.  
(21) 2019201984 (22) 22.03.2019  
(54) MEDICATION TRAY  
(31) 740993 (32) 23.03.18 (33) NZ
- 
- (71) Kimberley Plastics Pty Ltd  
(21) 2019202072 (22) 26.03.2019  
(54) A SOLAR POWERED LIGHTING SYSTEM  
(62) 2017213454
- 
- (71) Komatsu Ltd.  
(21) 2019202194 (22) 29.03.2019  
(54) Work-performing method, control system for work machine, and work machine  
(62) 2016336315
- 
- (71) KONE Corporation  
(21) 2019201995 (22) 22.03.2019  
(54) An elevator brake  
(31) 18167473.0 (32) 16.04.18 (33) EP
- 
- (71) Kuhn S.A.  
(21) 2019202116 (22) 27.03.2019  
(54) Agricultural product burying unit and agricultural machine including such a unit  
(31) 18 52896 (32) 03.04.18 (33) FR
- 
- (71) Kustom Signals, Inc.  
(21) 2019202159 (22) 28.03.2019
- (54) TRAFFIC RADAR SYSTEM WITH AUTOMATED TUNING FORK TEST FEATURE  
(62) 2015327782
- 
- (71) Laboratoris Sanifit, S. L.  
(21) 2019201988 (22) 22.03.2019  
(54) Use Of Derivatives With C-O-P Bonds In Patients With Kidney Failure  
(62) 2014229971
- 
- (71) Lanxi Zhengke Lockset Co., Ltd.  
(21) 2019202025 (22) 22.03.2019  
(54) A double protective lock  
(31) 2019101889148 (32) 13.03.19 (33) CN
- 
- (71) Lanxi Zhengke Lockset Co., Ltd.  
(21) 2019202068 (22) 25.03.2019  
(54) A mobile phone anti-theft lock  
(31) 2019102049937 (32) 18.03.19 (33) CN
- 
- (71) LG Electronics Inc.  
(21) 2019201993 (22) 22.03.2019  
(54) Water purifying apparatus and filter structure  
(62) 2018233041
- 
- (71) Linhai Shengzhi Cup Industry Co., Ltd.  
(21) 2019202024 (22) 22.03.2019  
(54) A creative grinding cup  
(31) 2019101883917 (32) 13.03.19 (33) CN
- 
- (71) Linhai Shengzhi Cup Industry Co., Ltd.  
(21) 2019202204 (22) 29.03.2019  
(54) A cup that can hold water of different temperatures  
(31) 2019102050224 (32) 18.03.19 (33) CN
- 
- (71) Loma Vista Medical, Inc.  
(21) 2019202103 (22) 27.03.2019  
(54) Inflatable medical balloons with continuous fiber wind  
(62) 2014257079
- 
- (71) Louver-Lite Limited  
(21) 2019202139 (22) 28.03.2019  
(54) Roller Tube  
(62) 2017221873
- 
- (71) Manitou Italia S.r.l.  
(21) 2019202156 (22) 28.03.2019  
(54) Articulated self-propelled work machine  
(31) 102018000004135 (32) 30.03.18 (33) IT
- 
- (71) Maor, M.  
(21) 2019202040 (22) 25.03.2019  
(54) Lice Comb  
(31) 2018901219 (32) 12.04.18 (33) AU
- 
- (71) Massachusetts Eye & Ear Infirmary; Schepens Eye Research Institute  
(21) 2019201986 (22) 22.03.2019  
(54) METHODS OF PREDICTING AN-CENTRAL VIRUS SEQUENCES AND USES THEREOF  
(62) 2018200657
- 
- (71) Medizinische Universität Wien; Veterinärmedizinische Universität Wien  
(21) 2019202007 (22) 22.03.2019  
(54) Plant-derived cyclotides suppress growth of anaplastic large cell lymphoma and have anti-tumor effects in vivo
- 
- (71) MetaCell, S.R.O.  
(21) 2019202122 (22) 27.03.2019  
(54) Method for Separation of Sporadic Cells from Body Fluids, and Apparatus for Carrying Out Said Method  
(62) 2014280654
- 
- (71) Microsoft Technology Licensing, LLC  
(21) 2019202184 (22) 29.03.2019  
(54) Metadata-based photo and/or video animation  
(62) 2015229879
- 
- (71) Minerva Biotechnologies Corporation  
(21) 2019202199 (22) 29.03.2019  
(54) NME inhibitors and methods of using NME inhibitors  
(62) 2014218872
- 
- (71) Monahan Products, LLC  
(21) 2019202006 (22) 22.03.2019  
(54) Suspension system for stroller  
(31) 62/647,281 (32) 23.03.18 (33) US
- 
- (71) Monsanto Technology LLC  
(21) 2019202005 (22) 22.03.2019  
(54) LOW VOLATILITY HERBICIDAL COMPOSITIONS  
(62) 2017219151
- 
- MÖTTELI, J. see ALLENSPACH, M.**  
(21) 2019202096
- 
- (71) Nakamura, K.  
(21) 2019202142 (22) 28.03.2019  
(54) Taxi dispatch control system and method for taxi dispatching  
(31) 2018-064537 (32) 29.03.18 (33) JP
- 
- (71) Nasdaq, Inc.  
(21) 2019202035 (22) 25.03.2019  
(54) Application logging framework  
(62) 2016298112
- 
- (71) National University Of Ireland, Galway  
(21) 2019202045 (22) 25.03.2019

Complete Applications Filed - Name Index cont'd

(54) Treatment of Microbial Infections  
(62) 2017202893

(71) Nelson Irrigation Corporation  
(21) 2019202192 (22) 29.03.2019  
(54) Sprinkler assembly having coiled weight  
(31) 15/953,72 (32) 16.04.18 (33) US

(71) NEW ZEALAND COMFORT GROUP LIMITED  
(21) 2019202118 (22) 27.03.2019  
(54) BEDFRAME WITH STORAGE SYSTEM  
(31) 741144 (32) 28.03.18 (33) NZ

(71) Nicoventures Holdings Limited  
(21) 2019202166 (22) 28.03.2019  
(54) Electronic vapour provision system  
(62) 2017265145

(71) NINE IP LIMITED  
(21) 2019202172 (22) 29.03.2019  
(54) NETTING MATERIAL  
(62) 2015248491

(71) Ningbo Jiatai Eyewear Co., Ltd.  
(21) 2019202027 (22) 22.03.2019  
(54) A contact lens box convenient to take  
(31) 2019101889133 (32) 13.03.19 (33) CN

(71) Ningbo Junxing Daily Commodity Co., Ltd.  
(21) 2019201998 (22) 22.03.2019  
(54) A Multifirm Can Opener  
(31) 201910188413X (32) 13.03.19 (33) CN

(71) Ningbo Junxing Daily Commodity Co., Ltd.  
(21) 2019202064 (22) 25.03.2019  
(54) A falling-prevention clothes basket in windy situation  
(31) 2019102054742 (32) 18.03.19 (33) CN

**Noninvasix, Inc. see The Board of Regents of the University of Texas System**  
(21) 2019202069

(71) Novartis AG  
(21) 2019202036 (22) 25.03.2019  
(54) Identifying patient response to S1P receptor modulator administration  
(62) 2017202470

(71) NTT DOCOMO, INC.  
(21) 2019202186 (22) 29.03.2019  
(54) Audio coding device, audio coding method, audio coding program, audio decoding device, audio decoding method, and audio decoding program  
(62) 2017208369

(71) NZ TUBE MILLS LIMITED  
(21) 2019202039 (22) 25.03.2019  
(54) A vine support post and a method of training a growing vine

(71) Ocean University of China  
(21) 2019202090 (22) 26.03.2019  
(54) A multistage penetrating in-situ device and method to observe sand waves on the seabed based on resistivity probe  
(31) 201811604535.4 (32) 26.12.18 (33) CN

(71) OrePro Holdings LLC  
(21) 2019202048 (22) 25.03.2019  
(54) 3D block modelling of a resource boundary in a post-blast muckpile to optimize destination delineation  
(31) 62/648,291 (32) 26.03.18 (33) US

(71) Orora Packaging Australia Pty Ltd  
(21) 2019202173 (22) 29.03.2019  
(54) A CARTON WITH A SEPARABLE LID AND A BLANK FOR FORMING THE CARTON  
(62) 2016259390

(71) Otsuka Pharmaceutical Co., Ltd.  
(21) 2019202158 (22) 28.03.2019  
(54) Drug for preventing and/or treating polycystic kidney disease  
(62) 2017202757

(71) PAN, M.; DAI, J.  
(21) 2019202129 (22) 27.03.2019  
(54) A CHILDREN'S TOY RENTAL PLATFORM

(71) Pangaea Laboratories Limited  
(21) 2019201987 (22) 22.03.2019  
(54) A Composition and Method for Stabilisation of Retinoids  
(31) 1805798.4 (32) 06.04.18 (33) GB

(71) PhysIQ Inc.  
(21) 2019202009 (22) 22.03.2019  
(54) Multivariate residual-based health index for human health monitoring  
(62) 2017239519

(71) President and Fellows of Harvard College  
(21) 2019202169 (22) 28.03.2019  
(54) CELL CULTURE SYSTEM  
(62) 2017202616

(71) Quzhou Guanding Eyewear Co., Ltd.  
(21) 2019202010 (22) 22.03.2019  
(54) A shrinkable glasses box  
(31) 2019101823795 (32) 12.03.19 (33) CN

(71) Quzhou Guanding Eyewear Co., Ltd.  
(21) 2019202059 (22) 25.03.2019  
(54) A contact lens case with a self-cleaning function  
(31) 2019101935095 (32) 14.03.19 (33) CN

(71) Quzhou Guanding Eyewear Co., Ltd.  
(21) 2019202218 (22) 29.03.2019  
(54) A Small-Sized Contact Lens Case  
(31) 2019102050690 (32) 18.03.19 (33) CN

(71) Quzhou Guanding Eyewear Co., Ltd.  
(21) 2019202219 (22) 29.03.2019  
(54) A Sterilizing Contact Lens Case  
(31) 2019102228000 (32) 22.03.19 (33) CN

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2019202160 (22) 28.03.2019  
(54) METHODS AND COMPOSITIONS FOR THE TARGETED MODIFICATION OF A GENOME  
(62) 2017210669

(71) resQdevices Pty Ltd  
(21) 2019202029 (22) 24.03.2019  
(54) Rolling transport mechanism  
(31) 2018900982 (32) 23.03.18 (33) AU

(71) Rohm and Haas Company; The Regents of the University of California  
(21) 2019202080 (22) 26.03.2019  
(54) HYDROPHOBIC PIGMENT MODIFICATION  
(31) 62/653,077 (32) 05.04.18 (33) US

(71) S. C. Johnson & Son, Inc.  
(21) 2019202125 (22) 27.03.2019  
(54) System and process for making a pouch or container  
(62) 2017209086

(71) Sanmen Yilin Eyewear Co., Ltd.  
(21) 2019202062 (22) 25.03.2019  
(54) A Drop-Resistant Contact Lenses Case  
(31) 201910205504X (32) 18.03.19 (33) CN

(71) Sanmen Yilin Eyewear Co., Ltd.  
(21) 2019202134 (22) 27.03.2019  
(54) An anti-overflow contact lens case  
(31) 2019101883635 (32) 13.03.19 (33) CN

(71) Sarepta Therapeutics, Inc.  
(21) 2019201989 (22) 22.03.2019  
(54) BORONIC ACID CONJUGATES OF OLIGONUCLEOTIDE ANALOGUES  
(62) 2017202883

(71) SAS Systems Australia Pty Ltd  
(21) 2019202209 (22) 29.03.2019

Complete Applications Filed - Name Index cont'd

(54) AN EXTRUDED ALUMINUM FRAME ASSEMBLY FOR SUPPORTING A GLASS PANE  
(31) 2018901060 (32) 29.03.18 (33) AU

Schepens Eye Research Institute see Massachusetts Eye & Ear Infirmary  
(21) 2019201986

(71) Seattle Genetics, Inc.  
(21) 2019202168 (22) 28.03.2019  
(54) Pharmaceutical compounds  
(62) 2015213679

(71) Seeley International Pty Ltd; FF Seeley Nominees Pty Ltd  
(21) 2019202014 (22) 22.03.2019  
(54) Support for Roof Top Utility  
(62) 2017203759

(71) Seraxis, Inc.  
(21) 2019202085 (22) 26.03.2019  
(54) STEM CELLS AND PANCREATIC CELLS USEFUL FOR THE TREATMENT OF INSULIN-DEPENDENT DIABETES MELLITUS  
(62) 2013280698

(71) Shengzhou Huijie Household Products Co., Ltd.  
(21) 2019202055 (22) 25.03.2019  
(54) A Cutting-Type Can Opener  
(31) 2019101881841 (32) 13.03.19 (33) CN

(71) Shengzhou Huijie Household Products Co., Ltd.  
(21) 2019202066 (22) 25.03.2019  
(54) A liftable and portable clothes hanger  
(31) 2019102054719 (32) 18.03.19 (33) CN

(71) Shengzhou Huijie Household Products Co., Ltd.  
(21) 2019202193 (22) 29.03.2019  
(54) A portable and easy-to-clean blender cup  
(31) 2019102210990 (32) 22.03.19 (33) CN

(71) Sofradim Production  
(21) 2019202126 (22) 27.03.2019  
(54) Textile-based prosthesis for laparoscopic surgery  
(62) 2014276851

(71) Sony Corporation  
(21) 2019202189 (22) 29.03.2019  
(54) Apparatus and method for wireless communication system  
(62) 2017202178

(71) SPUNFAB, Ltd.  
(21) 2019202104 (22) 27.03.2019

(54) Stabilizing a deformable fabric  
(31) 15/932,631 (32) 28.03.18 (33) US

(71) Sunshift Pty Ltd  
(21) 2019202165 (22) 28.03.2019  
(54) A SYSTEM AND METHOD FOR MONITORING AND CONTROLLING A HYBRID POWER SUPPLY ARRANGEMENT  
(31) 2018901040 (32) 28.03.18 (33) AU

(71) SunSHIFT Pty Ltd  
(21) 2019202170 (22) 28.03.2019  
(54) A solar array assembly  
(31) 2018901041 (32) 28.03.18 (33) AU

(71) Swirls, Inc.  
(21) 2019202138 (22) 28.03.2019  
(54) METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK  
(62) 2016316777

(71) Synedgen, Inc.  
(21) 2019202092 (22) 26.03.2019  
(54) Oral formulation of polyglucosamine derivatives in combination with a non-fermentable sugar  
(62) 2014248562

(71) Taizhou Jiaojiang Ruijiang Computer Co., Ltd.  
(21) 2019202023 (22) 22.03.2019  
(54) A Camera Adjusting Rack  
(31) 2019101883688 (32) 13.03.19 (33) CN

(71) Taizhou Jiaojiang Ruijiang Computer Co., Ltd.  
(21) 2019202217 (22) 29.03.2019  
(54) A computer background light  
(31) 2019102049922 (32) 18.03.19 (33) CN

(71) Thales  
(21) 2019202155 (22) 28.03.2019  
(54) Method for evaluating the conformity of a tracking system to a set of requirements and associated devices  
(31) 1800249 (32) 28.03.18 (33) FR

(71) The Board of Regents of the University of Texas System; Noninvasix, Inc.  
(21) 2019202069 (22) 25.03.2019  
(54) SYSTEMS AND METHODS FOR MEASURING FETAL CEREBRAL OXYGENATION  
(62) 2015287867

(71) The Board of Regents of the University of Texas System  
(21) 2019202145 (22) 28.03.2019

(54) Liquids rich in noble gas and methods of their preparation and use  
(62) 2014233018

(71) The Coca-Cola Company  
(21) 2019202034 (22) 25.03.2019  
(54) SYSTEMS AND METHODS FOR PROVIDING ELECTRONIC TRANSACTION AUDITING AND ACCOUNTABILITY  
(62) 2017251756

(71) The Johns Hopkins University  
(21) 2019202037 (22) 25.03.2019  
(54) Sunitinib formulations and methods for use thereof in treatment of ocular disorders  
(62) 2015362621

(71) The Regents of the University of California  
(21) 2019201990 (22) 22.03.2019  
(54) Acyclic nucleoside phosphonate diesters  
(62) 2014228321

The Regents of the University of California see Rohm and Haas Company  
(21) 2019202080

(71) Tiantai Jingjiu Crystal Co., Ltd.  
(21) 2019202022 (22) 22.03.2019  
(54) A storage box for crystal jewelry  
(31) 2019101886173 (32) 13.03.19 (33) CN

(71) Tiantai Jingjiu Crystal Co., Ltd.  
(21) 2019202067 (22) 25.03.2019  
(54) A crystal jewelry cleaning apparatus  
(31) 2019102050686 (32) 18.03.19 (33) CN

(71) Ticketmaster  
(21) 2019202130 (22) 27.03.2019  
(54) Apparatus and methods for providing queue messaging over a network  
(62) 2017202185

(71) TJM Products Pty Ltd  
(21) 2019202008 (22) 22.03.2019  
(54) Air Compressor  
(31) 1901001640 (32) 20.03.19 (33) TH

(71) Traeger Pellet Grills LLC  
(21) 2019202070 (22) 26.03.2019  
(54) SELF-CLEANING GRILL  
(31) 62/648,216 (32) 26.03.18 (33) US  
16/356,684 18.03.19 US  
62/648,213 26.03.18 US

(71) Traeger Pellet Grills LLC  
(21) 2019202071 (22) 26.03.2019

Complete Applications Filed - Name Index cont'd

(54) CYCLONIC AIR CIRCULATION FOR SELF-CLEANING GRILLS  
 (31) 16/362,327 (32) 22.03.19 (33) US  
 62/648,216 26.03.18 US

(71) Traeger Pellet Grills LLC  
 (21) 2019202074 (22) 26.03.2019  
 (54) GRILL WITH COLD SMOKE GRILLING MODES  
 (31) 62/648,213 (32) 26.03.18 (33) US  
 62/819,430 15.03.19 US  
 16/362,492 22.03.19 US

(71) Traeger Pellet Grills LLC  
 (21) 2019202075 (22) 26.03.2019  
 (54) GRILL WITH BATTERY POWER SYSTEM AND MEASUREMENT  
 (31) 62/648,220 (32) 26.03.18 (33) US  
 16/362,270 22.03.19 US

(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED  
 (21) 2019202153 (22) 28.03.2019  
 (54) Cutting head assembly  
 (31) 18172114.3 (32) 14.05.18 (33) EP

(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED  
 (21) 2019202198 (22) 29.03.2019  
 (54) Power tool battery pack with wireless communication  
 (62) 2017201788

(71) University Court of the University of Dundee  
 (21) 2019202109 (22) 27.03.2019  
 (54) Treatment or prophylaxis of proliferative conditions  
 (62) 2017202488

(71) USNR, LLC  
 (21) 2019202149 (22) 28.03.2019  
 (54) BOARD TURNER  
 (62) 2016353450

(71) Valvosanitaria Bugatti S.p.A.  
 (21) 2019202182 (22) 29.03.2019  
 (54) FITTING ELEMENT AND CONNECTION KIT  
 (31) 102018000005168 (32) 08.05.18 (33) IT

(71) Vascular Dynamics, Inc.  
 (21) 2019201982 (22) 22.03.2019  
 (54) IMPLANTABLE VASCULAR DEVICE HAVING LONGITUDINAL STRUTS  
 (62) 2014265839

(71) Vatoscan (Pty) Ltd  
 (21) 2019202176 (22) 29.03.2019  
 (54) Identity verification  
 (62) 2015294883

(71) VENTEC CANADA INC.  
 (21) 2019202179 (22) 29.03.2019  
 (54) Air diffuser and method for assembling the same  
 (31) 62/650,172 (32) 29.03.18 (33) US

Veterinarmedizinische Universitat Wien  
 see Medizinische Universitat Wien  
 (21) 2019202007

(71) Virotec Pty Ltd  
 (21) 2019201992 (22) 22.03.2019  
 (54) Aged Bauxite Refinery Residue Regeneration for Production of an Environmental Ameliorant and/or Industrial Product

(71) Visterra, Inc.  
 (21) 2019202107 (22) 27.03.2019  
 (54) Novel HA binding agents  
 (62) 2018200451

(71) Western Digital Technologies, Inc.  
 (21) 2019202222 (22) 29.03.2019  
 (54) Thermal management for solid-state drive  
 (62) 2018260954

(71) Wuyi Yilan Metal Household Products Co., Ltd.  
 (21) 2019202065 (22) 25.03.2019  
 (54) An automatic peeler  
 (31) 2019102054687 (32) 18.03.19 (33) CN

(71) Wuyi Yilan Metal Household Products Co., Ltd.  
 (21) 2019202201 (22) 29.03.2019  
 (54) A manual filter tea cup  
 (31) 2019102221815 (32) 22.03.19 (33) CN

(71) Wyeth LLC  
 (21) 2019202132 (22) 27.03.2019  
 (54) Novel formulations which stabilize and inhibit precipitation of immunogenic compositions  
 (62) 2018204779

(71) Xiangshan Youcheng Crystal Co., Ltd.  
 (21) 2019202016 (22) 22.03.2019  
 (54) An anti-fall apparatus for crystal jewelry  
 (31) 2019101938962 (32) 14.03.19 (33) CN

(71) Xiangshan Youcheng Crystal Co., Ltd.  
 (21) 2019202058 (22) 25.03.2019  
 (54) A crystal carousel music box  
 (31) 2019101861513 (32) 12.03.19 (33) CN

(71) Xiangshan Youcheng Crystal Co., Ltd.  
 (21) 2019202061 (22) 25.03.2019  
 (54) A crystal jewelry showcase  
 (31) 2019102050671 (32) 18.03.19 (33) CN

(71) YANG, H.; YAO, X.  
 (21) 2019202111 (22) 27.03.2019  
 (54) CERAMIC PELLET GRILL  
 (31) 201821832915.9 (32) 08.11.18 (33) CN

YAO, X. see YANG, H.  
 (21) 2019202111

(71) Yiwu Guanda Cup Industry Co., Ltd.  
 (21) 2019201999 (22) 22.03.2019  
 (54) A coffee cup capable of making coffee  
 (31) 201910188389X (32) 13.03.19 (33) CN

(71) Yiwu Guanda Cup Industry Co., Ltd.  
 (21) 2019202054 (22) 25.03.2019  
 (54) An outdoor water cup  
 (31) 2019102050239 (32) 18.03.19 (33) CN

(71) Yongkang Guanding Cup Industry Co., Ltd.  
 (21) 2019202018 (22) 22.03.2019  
 (54) A manual coffee grinding cup  
 (31) 2019101886205 (32) 13.03.19 (33) CN

(71) Yongkang Guanding Cup Industry Co., Ltd.  
 (21) 2019202207 (22) 29.03.2019  
 (54) A cup with temperature control function  
 (31) 2019102049941 (32) 18.03.19 (33) CN

(71) Yuhuan Ruijiang Computer Co., Ltd.  
 (21) 2019202011 (22) 22.03.2019  
 (54) A Sound Stand  
 (31) 2019101886192 (32) 13.03.19 (33) CN

(71) Zhang, J.  
 (21) 2019202205 (22) 29.03.2019  
 (54) Method to Discovery of Potential Bio-active Compounds in Herbals with Re-grouping after Chromatography  
 (31) 62/657,722 (32) 14.04.18 (33) US

(71) Zhuji Hedong Crystal Co., Ltd.  
 (21) 2019202019 (22) 22.03.2019  
 (54) a vehicle-used crystal ornament convenient for being fixed  
 (31) 2019101861509 (32) 12.03.19 (33) CN

(71) Zhuji Hedong Crystal Co., Ltd.  
 (21) 2019202053 (22) 25.03.2019  
 (54) A display apparatus for crystal jewelry  
 (31) 2019101934849 (32) 14.03.19 (33) CN

(71) Zhuji Hedong Crystal Co., Ltd.  
 (21) 2019202214 (22) 29.03.2019  
 (54) An identification apparatus for crystal jewelry  
 (31) 2019102055020 (32) 18.03.19 (33) CN

Complete Applications Filed - Name Index cont'd

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(71) Zhuji Yongyuan Bag Co., Ltd.  
(21) 2019202021 (22) 22.03.2019  
(54) A Multifunctional Pen  
(31) 2019101883921 (32) 13.03.19 (33) CN

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(71) Zhuji Yongyuan Bag Co., Ltd.  
(21) 2019202057 (22) 25.03.2019  
(54) A pen of capable of automatically re-  
plenishing ink  
(31) 2019102050243 (32) 18.03.19 (33) CN

Numerical Index

<b>2019201980</b>	Accenture Global Solutions Limited	<b>2019202046</b>	FEI Company
<b>2019201982</b>	Vascular Dynamics, Inc.	<b>2019202047</b>	FEI Company
<b>2019201983</b>	Hewlett-Packard Development Company, L.P.	<b>2019202048</b>	OrePro Holdings LLC
<b>2019201984</b>	Kim, J.	<b>2019202049</b>	Dynamics Inc.
<b>2019201985</b>	BLUESCOPE STEEL LIMITED	<b>2019202050</b>	Jain Irrigation Systems Limited
<b>2019201986</b>	Massachusetts Eye & Ear Infirmary; Schepens Eye Research Institute	<b>2019202051</b>	Arysta LifeScience Benelux SPRL
<b>2019201987</b>	Pangaea Laboratories Limited	<b>2019202052</b>	Ironwood Pharmaceuticals, Inc
<b>2019201988</b>	Laboratoris Sanifit, S. L.	<b>2019202053</b>	Zhuji Hedong Crystal Co., Ltd.
<b>2019201989</b>	Sarepta Therapeutics, Inc.	<b>2019202054</b>	Yiwu Guanda Cup Industry Co., Ltd.
<b>2019201990</b>	The Regents of the University of California	<b>2019202055</b>	Shengzhou Huijie Household Products Co., Ltd.
<b>2019201991</b>	Geomni, Inc.	<b>2019202056</b>	Hangzhou Zhenhang Crystal Co., Ltd.
<b>2019201992</b>	Virotec Pty Ltd	<b>2019202057</b>	Zhuji Yongyuan Bag Co., Ltd.
<b>2019201993</b>	LG Electronics Inc.	<b>2019202058</b>	Xiangshan Youcheng Crystal Co., Ltd.
<b>2019201994</b>	AgeneBio, Inc.	<b>2019202059</b>	Quzhou Guanding Eyewear Co., Ltd.
<b>2019201995</b>	KONE Corporation	<b>2019202060</b>	Dongyang Haoming Clothing Co., Ltd.
<b>2019201996</b>	Aristocrat Technologies Australia Pty Limited	<b>2019202061</b>	Xiangshan Youcheng Crystal Co., Ltd.
<b>2019201997</b>	Biogen MA Inc.	<b>2019202062</b>	Sanmen Yilin Eyewear Co., Ltd.
<b>2019201998</b>	Ningbo Junxing Daily Commodity Co., Ltd.	<b>2019202063</b>	Adobe Inc.
<b>2019201999</b>	Yiwu Guanda Cup Industry Co., Ltd.	<b>2019202064</b>	Ningbo Junxing Daily Commodity Co., Ltd.
<b>2019202000</b>	Eli Lilly and Company	<b>2019202065</b>	Wuyi Yilan Metal Household Products Co., Ltd.
<b>2019202001</b>	Hangzhou Fuyang Fuxiang Computer Co., Ltd.	<b>2019202066</b>	Shengzhou Huijie Household Products Co., Ltd.
<b>2019202002</b>	Eaton Intelligent Power Limited	<b>2019202067</b>	Tiantai Jingjiu Crystal Co., Ltd.
<b>2019202003</b>	Casale SA	<b>2019202068</b>	Lanxi Zhengke Lockset Co., Ltd.
<b>2019202004</b>	Dongyang Haoming Clothing Co., Ltd.	<b>2019202069</b>	The Board of Regents of the University of Texas System; Noninvasix, Inc.
<b>2019202005</b>	Monsanto Technology LLC	<b>2019202070</b>	Traeger Pellet Grills LLC
<b>2019202006</b>	Monahan Products, LLC	<b>2019202071</b>	Traeger Pellet Grills LLC
<b>2019202007</b>	Medizinische Universitat Wien; Veterinarmedizinische Universitat Wien	<b>2019202072</b>	Kimberley Plastics Pty Ltd
<b>2019202008</b>	TJM Products Pty Ltd	<b>2019202073</b>	DEKA Products Limited Partnership
<b>2019202009</b>	PhysIQ Inc.	<b>2019202074</b>	Traeger Pellet Grills LLC
<b>2019202010</b>	Quzhou Guanding Eyewear Co., Ltd.	<b>2019202075</b>	Traeger Pellet Grills LLC
<b>2019202011</b>	Yuhuan Ruijiang Computer Co., Ltd.	<b>2019202076</b>	Aristocrat Technologies Australia Pty Limited
<b>2019202012</b>	China University of Petroleum-Beijing	<b>2019202079</b>	Ezyform International Pty Ltd
<b>2019202013</b>	Haining Jinshi Crystal Co., Ltd.	<b>2019202080</b>	Rohm and Haas Company; The Regents of the University of California
<b>2019202014</b>	Seeley International Pty Ltd; FF Seeley Nominees Pty Ltd	<b>2019202081</b>	GlaxoSmithKline Biologicals SA
<b>2019202015</b>	Hangzhou Fuyang Fuxiang Computer Co., Ltd.	<b>2019202082</b>	I2DX, Inc.
<b>2019202016</b>	Xiangshan Youcheng Crystal Co., Ltd.	<b>2019202083</b>	Accenture Global Solutions Limited
<b>2019202017</b>	ALSTOM Transport Technologies; Alpha Innovations S.A.	<b>2019202084</b>	ASSA ABLOY Korea
<b>2019202018</b>	Yongkang Guanding Cup Industry Co., Ltd.	<b>2019202085</b>	Seraxis, Inc.
<b>2019202019</b>	Zhuji Hedong Crystal Co., Ltd.	<b>2019202086</b>	Bechtel Oil, Gas, and Chemicals, Inc.
<b>2019202020</b>	Kaihua Dali Cup Co., Ltd.	<b>2019202088</b>	Cohda Wireless Pty Ltd
<b>2019202021</b>	Zhuji Yongyuan Bag Co., Ltd.	<b>2019202089</b>	Celgene Corporation
<b>2019202022</b>	Tiantai Jingjiu Crystal Co., Ltd.	<b>2019202090</b>	Ocean University of China
<b>2019202023</b>	Taizhou Jiaojiang Ruijiang Computer Co., Ltd.	<b>2019202091</b>	Accenture Global Solutions Limited
<b>2019202024</b>	Linhai Shengzhi Cup Industry Co., Ltd.	<b>2019202092</b>	Synedgen, Inc.
<b>2019202025</b>	Lanxi Zhengke Lockset Co., Ltd.	<b>2019202093</b>	CLA-VAL COMPANY
<b>2019202026</b>	Adobe Inc.	<b>2019202094</b>	Dexcom, Inc.
<b>2019202027</b>	Ningbo Jiatai Eyewear Co., Ltd.	<b>2019202095</b>	Hangzhou Mulin Eyewear Co., Ltd.
<b>2019202028</b>	Bravo Sports	<b>2019202096</b>	ALLENSPACH, M.; MÖTTELI, J.
<b>2019202029</b>	resQdevices Pty Ltd	<b>2019202097</b>	China University of Petroleum-Beijing
<b>2019202030</b>	ADIENNE Pharma & Biotech SA	<b>2019202098</b>	CareFusion 303, Inc.
<b>2019202031</b>	Clariant International Ltd	<b>2019202099</b>	inRegen
<b>2019202032</b>	Accenture Global Solutions Limited	<b>2019202100</b>	China University of Petroleum-Beijing
<b>2019202033</b>	Innovapark, LLC	<b>2019202101</b>	Eavor Technologies Inc
<b>2019202034</b>	The Coca-Cola Company	<b>2019202102</b>	CommScope Technologies LLC; CommScope Connectivity UK Limited; CommScope Connectivity Belgium BVBA
<b>2019202035</b>	Nasdaq, Inc.	<b>2019202103</b>	Loma Vista Medical, Inc.
<b>2019202036</b>	Novartis AG	<b>2019202104</b>	SPUNFAB, Ltd.
<b>2019202037</b>	The Johns Hopkins University	<b>2019202105</b>	BLUESCOPE STEEL LIMITED
<b>2019202038</b>	Bruckbauer, W.	<b>2019202107</b>	Visterra, Inc.
<b>2019202039</b>	NZ TUBE MILLS LIMITED	<b>2019202108</b>	Graco Minnesota Inc.
<b>2019202040</b>	Maor, M.	<b>2019202109</b>	University Court of the University of Dundee
<b>2019202042</b>	Biosense Webster (Israel) Ltd.	<b>2019202111</b>	YANG, H.; YAO, X.
<b>2019202043</b>	HFI Innovation Inc.	<b>2019202112</b>	Graco Minnesota Inc.
<b>2019202044</b>	Dexcom, Inc.	<b>2019202113</b>	Graco Minnesota Inc.
<b>2019202045</b>	National University Of Ireland, Galway	<b>2019202114</b>	Google LLC

Complete Applications Filed - Numerical Index cont'd

2019202115	Dali Systems Co. Ltd.	2019202194	Komatsu Ltd.
2019202116	Kuhn S.A.	2019202195	GENENTECH, INC.
2019202118	NEW ZEALAND COMFORT GROUP LIMITED	2019202196	Equinox Ophthalmic, Inc.
2019202119	Carl Kammerling International Limited	2019202197	CAE Inc.
2019202120	24/7 Customer, Inc.	2019202198	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2019202121	Duo Secundus Pty Ltd	2019202199	Minerva Biotechnologies Corporation
2019202122	MetaCell, S.R.O.	2019202201	Wuyi Yilan Metal Household Products Co., Ltd.
2019202123	Adverio Pharma GmbH	2019202203	Family Zone Cyber Safety Ltd
2019202125	S. C. Johnson & Son, Inc.	2019202204	Linhai Shengzhi Cup Industry Co., Ltd.
2019202126	Sofradim Production	2019202205	Zhang, J.
2019202127	Harrow Health, Inc.	2019202206	JETYD Corporation
2019202128	Dexcom, Inc.	2019202207	Yongkang Guanding Cup Industry Co., Ltd.
2019202129	PAN, M.; DAI, J.	2019202208	CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2019202130	Ticketmaster		
2019202131	Chunan Liyi Cup Co., Ltd.	2019202209	SAS Systems Australia Pty Ltd
2019202132	Wyeth LLC	2019202210	Coalfields Engineering Pty Ltd
2019202133	Jiaxing Dingsheng Cup Industry Co., Ltd.	2019202211	CARTER, B.
2019202134	Sanmen Yilin Eyewear Co., Ltd.	2019202212	Aristocrat Technologies Australia Pty Limited
2019202136	Apple Inc.	2019202213	Haining Jinshi Crystal Co., Ltd.
2019202138	Swirls, Inc.	2019202214	Zhuji Hedong Crystal Co., Ltd.
2019202139	Louwer-Lite Limited	2019202215	FLEMING, F.
2019202142	Nakamura, K.	2019202216	Guardant Health, Inc.
2019202143	Aqseptence Group Pty Ltd	2019202217	Taizhou Jiaojiang Ruijiang Computer Co., Ltd.
2019202144	Akebia Therapeutics, Inc.	2019202218	Quzhou Guanding Eyewear Co., Ltd.
2019202145	The Board of Regents of the University of Texas System	2019202219	Quzhou Guanding Eyewear Co., Ltd.
		2019202220	Hangzhou Fuyang Fuxiang Computer Co., Ltd.
2019202146	Interactive Intelligence Group, Inc.	2019202221	Hangzhou Zhenhang Crystal Co., Ltd.
2019202147	C7 SUGAR GMBH	2019202222	Western Digital Technologies, Inc.
2019202148	Dexcom, Inc.		
2019202149	USNR, LLC		
2019202150	Ainsworth Game Technology Limited		
2019202151	Jusand Nominees Pty Ltd		
2019202152	Chevron U.S.A. Inc.		
2019202153	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED		
2019202154	EVERDIGM Corp.		
2019202155	Thales		
2019202156	Manitou Italia S.r.l.		
2019202157	eBet Systems Pty Ltd; Ecash Holdings Pty Ltd		
2019202158	Otsuka Pharmaceutical Co., Ltd.		
2019202159	Kustom Signals, Inc.		
2019202160	Regeneron Pharmaceuticals, Inc.		
2019202161	BoomCloud 360, Inc.		
2019202162	Clover Network, Inc.		
2019202163	Clover Network, Inc.		
2019202164	DEKA Products Limited Partnership		
2019202165	Sunshift Pty Ltd		
2019202166	Nicoventures Holdings Limited		
2019202167	iHeartMedia Management Services, Inc.		
2019202168	Seattle Genetics, Inc.		
2019202169	President and Fellows of Harvard College		
2019202170	SunSHIFT Pty Ltd		
2019202172	NINE IP LIMITED		
2019202173	Orora Packaging Australia Pty Ltd		
2019202174	Georgia State University Research Foundation		
2019202176	Vatoscan (Pty) Ltd		
2019202177	Crane, B.M.		
2019202178	A8 Game Limited		
2019202179	VENTEC CANADA INC.		
2019202180	Google LLC		
2019202181	Agency for Defense Development		
2019202182	Valvosanitaria Bugatti S.p.A.		
2019202183	Ductmate Industries, Inc.		
2019202184	Microsoft Technology Licensing, LLC		
2019202185	Dali Systems Co. Ltd.		
2019202186	NTT DOCOMO, INC.		
2019202187	Alcohol Monitoring Systems, Inc.		
2019202188	IGT		
2019202189	Sony Corporation		
2019202190	Dali Systems Co. Ltd.		
2019202191	Depuy Synthes Products, Inc.		
2019202192	Nelson Irrigation Corporation		
2019202193	Shengzhou Huijie Household Products Co., Ltd.		



**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Mar 2019 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) 1IC GLOBAL PTY LTD (21) 2019100251 (22) 08.03.2019 (54) Depopulation foaming with the usage of a Biological specialised decontamination foam, equipment method and foaming system, is designed to decontaminate and depopulate areas such as poultry and biological areas requiring the reduction of air and decontaminate in zones including the surrounding area with the usage of various Task force tips nozzle foam proportioning spray and various hi expansion equipment.</p>	<p>and go88.live) where businesses will advertise their goods.</p> <p>(71) Cox, K. (21) 2019100311 (22) 23.03.2019 (54) HDPE marine pile mooring ring</p> <p>(71) Glidestore Freetrack Pty Ltd (21) 2019100315 (22) 25.03.2019 (54) Mobile shelving with strengthening support</p>	<p>(54) DOMP - Digital Offset Management Platform is the first global integrated Offset Management platform that orchestrates and manages between Off-set Strategy, Policy Guideline, OEM's Contracts, Business Cases assessment, Contract Management and Project Delivery with complete agility. DOMP leveraging AI capability, and Machine Learning based on the mass data and pre-built integration within the platform to enable consistency, transparency, comprehensive live analysis based on the complex algorithm for greater control.</p>
<p>(71) 1IC GLOBAL PTY LTD (21) 2019100294 (22) 19.03.2019 (54) The addition of a Trigen disinfectant added to Bush master or class A Fire fighting foam, used in HI Expansion Foam Generation Equipment for the containment of Bird flu and the depopulating of Poultry as an end result. As well as the containment of all biological matter strains being blood pathogen or air born virus.</p>	<p><b>GOUWS, S. see GOUWS, T.</b> (21) 2019100319</p> <p>(71) GOUWS, T.; GOUWS, S. (21) 2019100319 (22) 26.03.2019 (54) Decorative Device</p> <p>(71) Grant, W. (21) 2019100313 (22) 24.03.2019 (54) Swim Safe. Venturing into the ocean in an un-patrolled location?. Let us know.</p>	<p><b>Mavica, S. see Mavica, A.</b> (21) 2019100296</p> <p>(71) Mavica, A.; Mavica, S. (21) 2019100296 (22) 19.03.2019 (54) Cutting Tool (31) 2018900893 (32) 19.03.18 (33) AU</p> <p>(71) McKenzie, F. (21) 2019100300 (22) 21.03.2019 (54) SEAT SUPPORT</p>
<p>(71) ALLEN, T. (21) 2019100312 (22) 24.03.2019 (54) Precursor mouthguard</p>	<p>(71) GUANGZHOU HANMA ELECTRONICS CO., LTD. (21) 2019100327 (22) 29.03.2019 (54) MULTIFUNCTIONAL VEHICLE-MOUNTED CIGARETTE LIGHTERS (31) 201821961557.1 (32) 26.11.18 (33) CN</p> <p>(71) Holliday, D. (21) 2019100301 (22) 21.03.2019 (54) SWIMSUIT (31) 2018900952 (32) 22.03.18 (33) AU</p>	<p>(71) Molony, A.S.E.; O'Sullivan, A.M. (21) 2019100326 (22) 29.03.2019 (54) ITEM OF CLOTHING</p> <p>(71) Nippon Air Parts Pty Ltd (21) 2019100295 (22) 19.03.2019 (54) 4WD Snorkel Filter</p>
<p>(71) Aqua Membranes LLC (21) 2019100316 (22) 26.03.2019 (54) Permeate flow patterns (62) 2017330537</p>	<p>(71) I Can't Depart (21) 2019100324 (22) 27.03.2019 (54) Transfer Travel Bookings Systems</p> <p>(71) Intex Holdings Pty Ltd (21) 2019100302 (22) 21.03.2019 (54) Temperature control of a modular building</p>	<p><b>O'Sullivan, A.M. see Molony, A.S.E.</b> (21) 2019100326</p> <p>(71) Ocean University of China (21) 2019100321 (22) 26.03.2019 (54) A multistage penetrating in-situ device and method to observe sand waves on the seabed based on resistivity probe (31) 201811604535.4 (32) 26.12.18 (33) CN</p>
<p>(71) Buildsafe Equipment Sales Pty Ltd (21) 2019100299 (22) 20.03.2019 (54) Improvements Relating to Scaffold Systems</p>	<p>(71) Ladson, N. (21) 2019100325 (22) 28.03.2019 (54) STAKE END DRIPPER (31) 2018901029 (32) 28.03.18 (33) AU</p> <p>(71) LEADVISION PTY. LTD. (21) 2019100331 (22) 31.03.2019</p>	<p>(71) OZDOCS INTERNATIONAL PTY LTD (21) 2019100314 (22) 25.03.2019 (54) Multistatis Mapper</p> <p>(71) Pan, M.; Sunrise Smart Built-IT Co. Ltd. (21) 2019100306 (22) 21.03.2019</p>

Innovation Patent Applications Filed - Name Index cont'd

(54) Prefabricated high-strength and high-efficiency thermal insulation composite external wall panel  
 (31) 201810258240.X (32) 27.03.18 (33) CN

(71) Poole, T.  
 (21) 2019100303 (22) 21.03.2019  
 (54) Pressure brewing check valve- Controlled CO2 release based on the ambient room temperature

(71) Ramage, K.  
 (21) 2019100323 (22) 26.03.2019  
 (54) Connectable bikini top and skirt converts into dress

(71) Reelsafe Pty Ltd  
 (21) 2019100328 (22) 29.03.2019  
 (54) DEWATERING, TEST PUMPING AND DOWNHOLE MONITORING SYSTEM

(71) Rootank Pty Ltd  
 (21) 2019100329 (22) 29.03.2019  
 (54) METHOD, INFRASTRUCTURE AND APPARATUS FOR FIRE FIGHTING USE  
 (31) 2018903801 (32) 08.10.18 (33) AU

(71) Rouicheq, M.  
 (21) 2019100297 (22) 19.03.2019  
 (54) An Online Advertisement Distribution System  
 (31) 2018901818 (32) 24.05.18 (33) AU

(71) Rural Innovations Pty Ltd  
 (21) 2019100320 (22) 26.03.2019  
 (54) WIRE STRAINERS  
 (62) PCT/AU2017/051240

(71) Savage, C.  
 (21) 2019100330 (22) 31.03.2019  
 (54) A method of manufacturing very thin plaster products

(71) Shenzhen Cooperation Technology Co., Ltd.  
 (21) 2019100308 (22) 22.03.2019  
 (54) MICRO-ENERGY COLLECTION METHOD AND DEVICE, AND MICRO-ENERGY SUPPLY DEVICE  
 (62) PCT/CN2016/111064

(71) Shenzhen Cooperation Technology Co., Ltd.  
 (21) 2019100309 (22) 22.03.2019  
 (54) HYBRID POWER SUPPLY METHOD, DEVICE, AND MICRO-ENERGY POWER SUPPLY BASED ON MICRO-ENERGY COLLECTION  
 (62) PCT/CN2017/077886

(71) SOVEREIGN INVESTMENTS AUSTRALIA PTY LTD

(21) 2019100307 (22) 22.03.2019

(54) The present invention uses a new biological monitoring (biomonitoring) technique to monitor the effects of environmental perturbations on aquatic environments.

(71) Spies, O.  
 (21) 2019100305 (22) 21.03.2019

(54) RETAINING MEANS FOR PLASTIC FIBERS  
 (62) 2017207874

(71) Subramaniam, J.  
 (21) 2019100318 (22) 26.03.2019

(54) LIGHT WEIGHT AND FOLDABLE CAMPING KITCHEN BOX This invention relates to a box that can be used to carry Camping cookware, utensils, food/spice items, camping stove and so forth.

Sunrise Smart Built-IT Co. Ltd. see Pan, M.

(21) 2019100306

(71) TechTronic Industries Co., Ltd.  
 (21) 2019100291 (22) 19.03.2019

(54) Vacuum cleaner with brushroll control  
 (62) 2016285841

(71) TechTronic Industries Co., Ltd.  
 (21) 2019100292 (22) 19.03.2019

(54) Vacuum cleaner with brushroll control  
 (62) 2016285841

(71) Tidd Ross Todd Limited  
 (21) 2019100317 (22) 26.03.2019

(54) AN ARTICULATED PICK AND CARRY CRANE  
 (31) 741038 (32) 26.03.18 (33) NZ

(71) Truckmate Australia Pty Limited  
 (21) 2019100322 (22) 26.03.2019

(54) Mudflap

(71) Velasquez Uzabeaga, C.  
 (21) 2019100298 (22) 20.03.2019

(54) LEGAL AGENCY MARKETPLACE SYSTEM  
 (31) 2018900930 (32) 21.03.18 (33) AU

(71) YANG, M.  
 (21) 2019100293 (22) 19.03.2019

(54) Water Level Ruler

Numerical Index

<b>2019100251</b>	1IC GLOBAL PTY LTD	<b>2019100312</b>	ALLEN, T.
<b>2019100291</b>	TechTronic Industries Co., Ltd.	<b>2019100313</b>	Grant, W.
<b>2019100292</b>	TechTronic Industries Co., Ltd.	<b>2019100314</b>	OZDOCS INTERNATIONAL PTY LTD
<b>2019100293</b>	YANG, M.	<b>2019100315</b>	Glidestore Freetrack Pty Ltd
<b>2019100294</b>	1IC GLOBAL PTY LTD	<b>2019100316</b>	Aqua Membranes LLC
<b>2019100295</b>	Nippon Air Parts Pty Ltd	<b>2019100317</b>	Tidd Ross Todd Limited
<b>2019100296</b>	Mavica, A.; Mavica, S.	<b>2019100318</b>	Subramaniam, J.
<b>2019100297</b>	Rouicheq, M.	<b>2019100319</b>	GOUWS, T.; GOUWS, S.
<b>2019100298</b>	Velasquez Uzabeaga, C.	<b>2019100320</b>	Rural Innovations Pty Ltd
<b>2019100299</b>	Buildsafe Equipment Sales Pty Ltd	<b>2019100321</b>	Ocean University of China
<b>2019100300</b>	McKenzie, F.	<b>2019100322</b>	Truckmate Australia Pty Limited
<b>2019100301</b>	Holliday, D.	<b>2019100323</b>	Ramage, K.
<b>2019100302</b>	Intex Holdings Pty Ltd	<b>2019100324</b>	I Can't Depart
<b>2019100303</b>	Poole, T.	<b>2019100325</b>	Ladson, N.
<b>2019100305</b>	Spies, O.	<b>2019100326</b>	Molony, A.S.E.; O'Sullivan, A.M.
<b>2019100306</b>	Pan, M.; Sunrise Smart Built-IT Co. Ltd.	<b>2019100327</b>	GUANGZHOU HANMA ELECTRONICS CO., LTD.
<b>2019100307</b>	SOVEREIGN INVESTMENTS AUSTRALIA PTY LTD	<b>2019100328</b>	Reelsafe Pty Ltd
<b>2019100308</b>	Shenzhen Cooperation Technology Co., Ltd.	<b>2019100329</b>	Rootank Pty Ltd
<b>2019100309</b>	Shenzhen Cooperation Technology Co., Ltd.	<b>2019100330</b>	Savage, C.
<b>2019100310</b>	Chitashvili, V.	<b>2019100331</b>	LEADVISION PTY. LTD.
<b>2019100311</b>	Cox, K.		

**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)
  
- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
  
- N Applications not Open to Public Inspection

**1999**

1999021308 ( 14 )	1999021317 ( 14 )	1999021341 ( 14 )
1999021344 ( 14 )	1999021349 ( 14 )	1999021352 ( 14 )
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1999021402 ( 14 )	1999021412 ( 14 )	1999021414 ( 14 )
1999022422 ( 14 )	1999022454 ( 14 )	1999027428 ( 14 )
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1999029572 ( 14 )	1999030193 ( 14 )	1999030379 ( 14 )
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1999031564 ( 14 )	1999031576 ( 14 )	1999031580 ( 14 )
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1999033627 ( 14 )	1999033727 ( 14 )	1999034179 ( 14 )
1999034191 ( 14 )	1999034524 ( 14 )	1999035974 ( 14 )
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1999056126 ( 14 )	1999056505 ( 14 )	1999056518 ( 14 )
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1999062531 ( 14 )		

**2000**

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**2002**

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**2003**

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2003283469 ( 14 )	2003283471 ( 14 )	

**2004**

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2004272906 ( 14 )	2004272928 ( 14 )	2004274487 ( 14 )
2004275713 ( 14 )	2004277021 ( 14 )	2004291225 ( 14 )
2004306063 ( 14 )	2004323338 ( 14 )	

**2005**

2005202658 ( 14 )	2005209648 ( 14 )	2005209691 ( 14 )
2005211538 ( 14 )	2005284684 ( 14 )	2005284816 ( 14 )
2005284868 ( 14 )	2005285703 ( 14 )	2005289982 ( 14 )
2005301273 ( 14 )		

**2006**

2006202635 ( 14 )	2006203776 ( 14 )	2006213936 ( 14 )
2006213976 ( 14 )	2006290896 ( 14 )	2006291640 ( 14 )
2006291866 ( 14 )	2006292220 ( 14 )	2006292377 ( 14 )
2006296033 ( 14 )	2006298297 ( 14 )	2006299233 ( 14 )

**2007**

2007216811 ( 14 )	2007216856 ( 14 )	2007295946 ( 14 )
2007296925 ( 14 )	2007296933 ( 14 )	2007297352 ( 14 )
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2007340977 ( 14 )	2007346101 ( 14 )	2007357448 ( 14 )

**2008**

2008202995 ( 14 )	2008217008 ( 14 )	2008221511 ( 14 )
2008221526 ( 14 )	2008221620 ( 14 )	2008300190 ( 14 )
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2008305294 ( 14 )	2008305725 ( 14 )	2008309455 ( 14 )
2008314562 ( 14 )	2008348262 ( 14 )	2008356870 ( 14 )

**2009**

2009202732 ( 14 )	2009203086 ( 14 )	2009245851 ( 14 )
2009294085 ( 14 )	2009294118 ( 14 )	2009294415 ( 14 )
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2009303749 ( 14 )	2009306786 ( 14 )	2009319514 ( 14 )

**2010**

2010201932 ( 14 )	2010265775 ( 14 )	2010273146 ( 14 )
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2010294478 ( 14 )	2010295236 ( 14 )	2010295241 ( 14 )

2010295242 ( 14 )	2010295569 ( 14 )	2010295597 ( 14 )	2015258235 ( 1B )	2015258290 ( 1B )	2015275236 ( 14 )
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2010296994 ( 14 )	2010297242 ( 14 )	2010297243 ( 14 )	2015315044 ( 1B )	2015315147 ( 1B )	2015318726 ( 1B )
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2010347215 ( 14 )	2010360735 ( 14 )	2010360756 ( 14 )	2015348449 ( 1B )	2015350654 ( 1B )	2015357660 ( 5C )
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			2015383925 ( 25C )	2015385825 ( 5C )	
<b>2011</b>					
2011100305 ( 22 )	2011100313 ( 22 )	2011100314 ( 22 )	<b>2016</b>		
2011101173 ( 22E )	2011101713 ( 22 )	2011200825 ( 14 )	2016100419 ( 22E )	2016101613 ( 22E )	2016101614 ( 22E )
2011202574 ( 14 )	2011224054 ( 14 )	2011226841 ( 14 )	2016101615 ( 22E )	2016101616 ( 22E )	2016101617 ( 22E )
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2011303587 ( 14 )	2011303679 ( 14 )	2011303910 ( 14 )	2016101622 ( 22E )	2016101623 ( 22E )	2016101624 ( 22E )
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			2016101631 ( 22E )	2016101632 ( 22E )	2016101633 ( 22E )
<b>2012</b>			2016101638 ( 22E )	2016101639 ( 22E )	2016101640 ( 22E )
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<b>2013</b>			2016101682 ( 22E )	2016101683 ( 22E )	2016101684 ( 22E )
2013100506 ( 22 )	2013100508 ( 22 )	2013101221 ( 22E )	2016101685 ( 22E )	2016101686 ( 22E )	2016101687 ( 22E )
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2013279284 ( 5C )	2013313061 ( 5C )	2013314264 ( 14 )	2016202181 ( 14 )	2016203137 ( 14 )	2016203930 ( 5C )
2013314279 ( 14 )	2013315007 ( 4C )	2013318020 ( 14 )	2016202951 ( 25C )	2016204778 ( 14 )	2016208320 ( 5C )
2013318066 ( 14 )	2013318147 ( 14 )	2013318151 ( 14 )	2016209244 ( 5C )	2016215472 ( 5C )	2016219634 ( 5C )
2013318273 ( 14 )	2013318923 ( 14 )	2013319906 ( 4C )	2016229991 ( 5C )	2016232775 ( 1B )	2016232833 ( 1B )
2013320002 ( 14 )	2013320269 ( 14 )	2013321411 ( 14 )	2016233128 ( 1B )	2016233202 ( 1B )	2016233288 ( 1B )
2013323936 ( 14 )	2013323937 ( 14 )	2013327752 ( 14 )	2016233289 ( 1B )	2016233618 ( 1B )	2016235483 ( 1B )
			2016235534 ( 1B )	2016235784 ( 1B )	2016252220 ( 1B )
			2016252393 ( 5C )	2016254981 ( 1B )	2016255758 ( 1B )
			2016256821 ( 5C )	2016257412 ( 1B )	2016258485 ( 5C )
			2016262335 ( 1B )	2016269064 ( 25C )	2016269517 ( 5C )
			2016277618 ( 5C )	2016277673 ( 5C )	2016277674 ( 5C )
			2016287733 ( 5C )	2016296612 ( 25C )	2016298172 ( 1B )
			2016299840 ( 1B )	2016325188 ( 5C )	2016336320 ( 5C )
			2016357633 ( 25D )	2016370902 ( 25D )	
			<b>2017</b>		
			2017200620 ( 5C )	2017200640 ( 5C )	2017201105 ( 5C )
			2017201738 ( 5C )	2017201940 ( 5C )	2017202091 ( 5C )
			2017202124 ( 5C )	2017202457 ( 5C )	2017202494 ( 5C )
			2017202541 ( 5C )	2017202651 ( 5C )	2017202690 ( 5C )
			2017202840 ( 5C )	2017202855 ( 5C )	2017202859 ( 5C )
			2017203105 ( 5C )	2017203161 ( 5C )	2017203270 ( 5C )
			2017203533 ( 5C )	2017203691 ( 5C )	2017203883 ( 5C )
			2017204283 ( 5C )	2017204522 ( 4C )	2017204619 ( 5C )
			2017204744 ( 5C )	2017204756 ( 5C )	2017210481 ( 5C )
			2017221853 ( 5C )	2017248453 ( 5C )	2017248524 ( 4C )
			2017248538 ( 5C )	2017271135 ( 7A )	2017308493 ( 6A )
			<b>2018</b>		
			2018200150 ( 5CN )	2018200364 ( 5C )	2018200485 ( 5C )
			2018202044 ( 12C )	2018202217 ( 16C )	2018204848 ( 12CN )
			2018901068 ( 12AN )	2018901069 ( 12AN )	2018901073 ( 12AN )
			2018903621 ( 12AN )	2018903668 ( 17AN )	2018903670 ( 17AN )
			2018903671 ( 17AN )	2018903672 ( 17AN )	2018903673 ( 17AN )
			<b>2019</b>		
			2019100040 ( 18AN )	2019200132 ( 1B )	2019200165 ( 1B )
			2019200202 ( 1B )	2019200212 ( 1B )	2019200509 ( 17A )
			2019201982 ( 12AN )		

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

**2019**

2019100251 **1IC GLOBAL PTY LTD** Provisional Number:  
2019901110

2019100252 **1IC GLOBAL PTY LTD** Provisional Number:  
2019901051

2019100288 **1IC GLOBAL PTY LTD** Provisional Number:  
2019901054

2019100294 **1IC GLOBAL PTY LTD** Provisional Number:  
2019901055

**Assignments before Grant, Section 113**

**2014**

2014290361 Fabrus, Inc. The application has been assigned to **Taurus Biosciences, Inc**

2014327268 ADC Czech Republic, s.r.o.; Tyco Electronics Raychem BVBA; Tyco Electronics (Shanghai) Co., Ltd. The application has been assigned to **CommScope Telecommunications (Shanghai) Co. Ltd.; CommScope Connectivity Belgium BVBA; ADC Czech Republic, s.r.o.**

2014370523 Goodman Fielder New Zealand Limited The application has been assigned to **Goodman Fielder Pte. Limited**

**2015**

2015208199 MVG Industries; Centre National d'Etudes Spatiales; Fly-Ops The application has been assigned to **HERMOD; MVG Industries; Centre National d'Etudes Spatiales**

2015246095 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2015280774 Goodman Fielder New Zealand Limited The application has been assigned to **Goodman Fielder Pte. Limited**

2015317444 Rigshospitalet The application has been assigned to **Life Science IVS**

2015378723 Goodman Fielder New Zealand Limited The application has been assigned to **Goodman Fielder Pte. Limited**

**2016**

2016201432 Novelon Therapeutics Inc. The application has been assigned to **Retinagenix, LLC**

2016225026 ebbu, Inc. The application has been assigned to **Canopy Growth Corporation**

2016229921 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

**Assignments before Grant, Section 113**

2016250310 Genesis Advanced Technology Holdings Inc. The application has been assigned to **Genesis Advanced Technology Inc.**

2016273914 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2016298790 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2016376097 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

**2017**

2017202421 Aratana Therapeutics NV The application has been assigned to **Aratana Therapeutics, Inc.**

2017202833 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2017204208 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2017217249 Ballantyne, Ross The application has been assigned to **Pioneer Maritime Pty Ltd**

2017243973 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2017250794 ebbu, Inc. The application has been assigned to **Canopy Growth Corporation**

2017268684 Novelon Therapeutics Inc. The application has been assigned to **Retinagenix, LLC**

2017277538 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2017279012 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

**2018**

2018201104 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

2018202359 Thomson Reuters Global Resources Unlimited Company The application has been assigned to **Financial & Risk Organisation Limited**

**Extensions of Time, Section 223**

**Applications Received**

**Extensions of Time, Section 223**

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

**2013**

2013100650 **Hebe Company Ltd** An application to extend the time from 16 May 2018 to 16 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2013261575 **Scolmore International Limited** An application to extend the time from 30 May 2017 to 30 Aug 2019 in which to gain acceptance and pay the continuation fee has been filed . Address for service - Morcom Pernat Se 17 5a Hartnett Cl Mulgrave VIC 3170 AU

**2015**

2015208064 **Haleem, S.** An application to extend the time from 01 Jul 2018 to 01 Feb 2019 in which to request examination has been filed . Address for service - Morcom Pernat Se 17 5a Hartnett Cl Mulgrave VIC 3170 AU

2015252346 **Nexans** An application to extend the time from 28 Nov 2016 to 28 Mar 2019 in which to enter the national phase has been filed . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

**2016**

2016100977 **PACK, B.J.** An application to extend the time from 30 Jun 2018 to 28 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Andrew Stewart Suite 301, Fayworth House 379 Pitt Street Sydney NSW 2000 AU

2016102109 **Giftmobile Pty Ltd** An application to extend the time from 16 Sep 2018 to 16 Apr 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Applications Allowed - Section 223(2)****2006**

2006242273 **Taylor, C.** The time in which to pay a renewal fee has been extended to 02 Dec 2018 . Address for service - In-Legal Limited PO Box 8026 The Terrace Wellington 6143 NZ

**2012**

2012250487 **Pipelion Pty Ltd** The time in which to pay a renewal fee has been extended to 30 Oct 2018 . Address for service - Walsh & Associates Locked Bag 2011 Glebe Post Office Glebe NSW 2037 AU

**2014**

2014201910 **Lonsdale, J.** The time in which to pay a continuation fee has been extended to 03 Dec 2018 . Address for service - Jeremy Lonsdale P.O. Box 647 Coogee NSW 2034 AU

**2015**

2015200754 **Snapbac, LLC** The time in which to pay the acceptance fee has been extended to 06 Apr 2019 . Address for service - John Christiansen 5/22-24 Charnwood Road St Kilda VIC 3182 AU

**Extensions of Time, Section 223****2017**

2017308493 **Tyaglin, Denis Valentinovich** The time in which to enter the national phase has been extended to 11 Apr 2019 . Address for service - LESICAR MAYNARD ANDREWS PTY LTD PO BOX 2545 KENT TOWN SA 5071 AU

**2018**

2018278866 **Millennium Pharmaceuticals, Inc.** The time in which to request Examination has been extended to 18 Mar 2019 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

**2019**

2019200259 **Xactware Solutions, Inc.** The time in which to make a further application for a divisional patent has been extended to 11 Feb 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019200829 **ORTAL - Heating & Air Conditioning Systems Ltd.** The time in which to claim the convention priority date has been extended to 06 Mar 2019 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

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

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

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

**2013**

2013291051 Cancer detection method **Toray Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Feb 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

**2015**

2015204790 Carriage of HEVC extension bitstreams and buffer model with MPEG-2 systems **Qualcomm Incorporated** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2019 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2015213448 Hydraulic multi-displacement hoisting cylinder system **Ensign Drilling Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2019 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2015346525 Processing queries containing a union-type operation **Ab Initio Technology LLC** The nature of the amendment is as shown in the statement(s) filed 27 Mar 2019 . Address for service -

**Amendments**

Pizzveys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2017**

2017101347 Wireless charging system with solenoids **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Mar 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2017201075 Identification of immunogenic MHC Class II peptides for immune-based therapy **The Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the name of the inventor to read Czerniecki, Brian J. and Koski, Gary K. . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2017208746 Method, probe and arrangement for monitoring agricultural products **Quanturi Oy** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2019 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017330209 Intelligent automated assistant **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2018**

2018100133 Intelligent list reading **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018200872 Use of location lulls to facilitate identifying and recording video capture location **Tribune Broadcasting Company, LLC** The nature of the amendment is as shown in the statement(s) filed 14 Mar 2019 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

**Amendments Made**

**2010**

2010313785 **iX Biopharma Ltd** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2018

**2013**

2013200682 **iX Biopharma Ltd** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2018

**2014**

2014214917 **Envera LIC, LLC** The nature of the amendment is: Amend the name of the inventor to read Hashman, Tommie Eugene and Matheny, Michael

2014256877 **Smith & Nephew, Inc.** The nature of the amendment is: Amend the invention title to read Acetabular implant alignment devices and methods

2014373966 **New York Stem Cell Foundation, Inc.** The nature of the amendment is: Amend the name of the inventor to read DE PEPPO, Giuseppe Maria

**Amendments**

2014388213 **Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd.** The nature of the amendment is: Amend the invention title to read BUBBLE LEVEL USING REFLECTION

2014396578 **AB Pharma Ltd.** The nature of the amendment is as shown in the statement filed 21 Dec 2018

**2015**

2015226086 **Esteyco S.A.P.** The nature of the amendment is: Amend the invention title to read CABLE ANCHORING MEANS FOR A HORIZONTAL JOINT AND CABLE ANCHORING PROCEDURE FOR A HORIZONTAL JOINT

2015240516 **Vestaron Corporation** The nature of the amendment is as shown in the statement filed 27 Dec 2018

2015243926 **University of Florida Research Foundation, Incorporated** The nature of the amendment is: Amend the name of the inventor to read Wang, Kevin Ka-Wang; Yang, Zhihui; Moghieb, Ahmed and Rubenstein, Richard

2015247575 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2018

2015327446 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 02 Jan 2019

2015330490 **Guangdong Raynovent Biotech Co., Ltd.** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 03 Jan 2019

**2016**

2016232928 **Hariri, S.; Hariri, A.** The nature of the amendment is: Amend the name of the inventor to read Hariri, Aliasghar and Hariri, Sahar

2016236578 **Crystal Pharmatech Co., Ltd.** The nature of the amendment is: Amend the invention title to read PREPARATION METHOD OF CRYSTALLINE FORM A OF PCI-32765

2016251940 **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Dec 2018

2016253700 **Weatherford Technology Holdings, LLC** The nature of the amendment is as shown in the statement filed 24 Dec 2018

2016340031 **Arkistruct Limited** The nature of the amendment is: Application is to proceed under the number 2016102413

2016340031 **Arkistruct Limited** The nature of the amendment is as shown in the statement filed 12 Feb 2019

2016340366 **Tokheim Holding B.V.** The nature of the amendment is as shown in the statement filed 18 Oct 2018

2016422911 **E&S Healthcare Co., Ltd.; Paichai University Industry-Academic Cooperation Foundation** The nature of the amendment is: Amend the name of the inventor to read Suh, Kyong Hoon; Kang, Eun Hye; Kim, Il Han; Jung, Jong Hwan; Lee, Ki Se and Kim, Mi Kyung



**Amendments**

2016424317 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Communication method, device, and system

**2017**

2017200381 **Rontgen Technische Dienst B.V.** The nature of the amendment is as shown in the statement filed 08 Jan 2019

2017201074 **The Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the name of the inventor to read Czerniecki, Brian J. and Koski, Gary K.

2017203630 **Intuit Inc.** The nature of the amendment is: Application is to proceed under the number 2017101849

2017237281 **Terumo Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read HEMOSTATIC DEVICE

2017288254 **Qualcomm Incorporated** The nature of the amendment is: Amend the name of the inventor to read Chebiyyam, Venkata Subrahmanyam Chandra Sekhar and Atti, Venkatraman

2017311111 **Human Longevity, Inc.** The nature of the amendment is: Amend the name of the inventor to read Och, Franz J.; Mahler, M. Cyrus; Lavrenko, Victor; Lippert, Christoph; Heckerman, David; Shute, David; Arikan, Okan; Sabatini, Riccardo; Kang, Eun Yong; Garst, Peter; Bernal, Axel; Zhu, Mingfu; Harley, Alena; Wong, Theodore; Lee, Seunghak

2017311502 **New York Stem Cell Foundation, Inc.** The nature of the amendment is: Amend the name of the inventor to read DE PEPPO, Giuseppe Maria; Engqvist, Hakan and Sladkova, Martina

2017338060 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure equijoin system, secure equijoin device, secure equijoin method, and program

2017396687 **NEC Lighting, Ltd.** The nature of the amendment is: Amend the invention title to read LED MODULE FOR FLASHING LAMP AND FLASHING LAMP

**2018**

2018100993 **Vermeer Manufacturing Company** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2019

2018200872 **Tribune Broadcasting Company, LLC** The nature of the amendment is: Amend the invention title to read Use of location lull to facilitate identifying and recording video capture location

2018201125 **Seal Shield, LLC** The nature of the amendment is: Amend the name of the inventor to read DAVIS, Christian; GAPSCH, Albin; IRVIN, Julia and MASON, Rick

2018271247 **Lincups Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102131

2018901900 **The University of Melbourne; The Flinders University of South Australia** The nature of the amendment is: To add Co-ApPLICANT The University of Melbourne

**Amendments**

**2019**

2019100039 **Chen, W.** The nature of the amendment is: Amend the name of the inventor to read Chen, Wei-Jen and Hsieh, Lan-Ing

2019200502 **ROSENBL00D, K.** The nature of the amendment is: Amend the priority details to read 16/055,621 06 Aug 2018 US and 15/914,136 07 Mar 2018 US

2019200864 **CFPH, LLC** The nature of the amendment is: Amend the name of the inventor to read AMAITIS, Lee; GLANTZ, Nolan and WILLIAMS, Paul

2019201194 **The Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the name of the inventor to read Czerniecki, Brian and Koski, Gary K

2019201205 **Orison Inc.** The nature of the amendment is: Amend the name of the inventor to read Clifton, Eric Douglass

2019201328 **Excell, B.** The nature of the amendment is: Amend the invention title to read IMPROVEMENTS TO METHODS OF WATER HARVESTING and WATER STORAGE, FOR WATER STORAGE TANKS AND EMBODIMENTS THEREOF

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

**1999**

1999057954 **Alcoa Inc.** The name of the patentee has been altered to **Arconic, Inc.**

**2001**

2001021761 **Sandvik Tamrock Oy** The name of the patentee has been altered to **Sandvik Mining and Construction Oy**

**2003**

2003238736 **Statoil Petroleum AS** The name of the patentee has been altered to **Equinor Energy AS**

2003267866 **Statoil Petroleum AS** The name of the patentee has been altered to **Equinor Energy AS**

**2005**

2005316168 **10546933 Canada Inc.** The name of the patentee has been altered to **WOW Tech Canada Ltd**

**2006**

2006223693 **Statoil Petroleum AS** The name of the patentee has been altered to **Equinor Energy AS**

2006223694 **Statoil Petroleum AS** The name of the patentee has been altered to **Equinor Energy AS**

2006312399 **Statoil Petroleum AS** The name of the patentee has been altered to **Equinor Energy AS**

**2007**

2007309806 **Statoil Petroleum AS** The name of the patentee has been altered to **Equinor Energy AS**

**Amendments**

**2009**

2009238753 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

**2010**

2010312156 A. O. Smith (Shanghai) Water Treatment Products Co., Ltd. The name of the patentee has been altered to **A.O. SMITH (CHINA) ENVIRONMENTAL PRODUCTS CO., LTD.**

**2011**

2011202093 10546933 Canada Inc. The name of the patentee has been altered to **WOW Tech Canada Ltd**

2011202434 Urnex Brands, Inc. The name of the patentee has been altered to **Urnex Brands, LLC**

**2013**

2013279998 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2013289660 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2013347184 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech AG; Ganymed Pharmaceuticals AG The name of the patentee has been altered to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech AG; Ganymed Pharmaceuticals GmbH**

2013370760 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2013395310 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2013406093 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

**2014**

2014202539 JiaXing IDC Plumbing & Heating Technology Ltd; Taizhou IDC Investment Ltd The name of the patentee has been altered to **JiaXing IDC Plumbing & Heating Technology Ltd; Taizhou IDC Fluid Control Co., Ltd**

2014204371 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2014207189 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2014221035 Ganymed Pharmaceuticals AG; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH The name of the patentee has been altered to **Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

**Amendments**

2014308403 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2014343952 Hi Fidelity Genetics LLC The name of the applicant has been altered to **Hi Fidelity Genetics, Inc.**

2014359941 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

**2015**

2015203040 Statoil Petroleum AS The name of the patentee has been altered to **Equinor Energy AS**

2015252143 10546933 Canada Inc. The name of the patentee has been altered to **WOW Tech Canada Ltd**

2015292582 Goldfinch Biopharma, Inc. The name of the applicant has been altered to **Goldfinch Bio, Inc.**

**2016**

2016232928 Hariri, Aliasghar The name of the applicant has been altered to **Hariri, S.; Hariri, A.**

2016273913 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2016279940 10546933 Canada Inc. The name of the applicant has been altered to **WOW Tech Canada Ltd**

2016289103 10546933 Canada Inc. The name of the applicant has been altered to **WOW Tech Canada Ltd**

2016308286 Rakuten Aspyrian, Inc. The name of the applicant has been altered to **Rakuten Medical, Inc.**

2016308290 Rakuten Aspyrian, Inc. The name of the applicant has been altered to **Rakuten Medical, Inc.**

**2017**

2017201358 Ganymed Pharmaceuticals AG The name of the applicant has been altered to **Ganymed Pharmaceuticals GmbH**

2017201704 Huawei Device (Dongguan) Co., Ltd. The name of the patentee has been altered to **Huawei Device Co., Ltd.**

2017216513 Ganymed Pharmaceuticals AG The name of the applicant has been altered to **Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

**2018**

2018211278 Ganymed Pharmaceuticals AG ; BioNTech AG; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH The name of the applicant has been altered to **Ganymed Pharmaceuticals GmbH; BioNTech AG; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

**Amendments**

2018904886 RESMED LIMITED The name of the applicant has been altered to **ResMed Pty Ltd**

**2019**

2019100012 NING BO GOLDEN POWER ELECTRONIC CO., LTD.  
The name of the patentee has been altered to **NINGBO GOLDEN POWER ELECTRONIC CO., LTD.**

2019201550 BirdRollers Australia Pty Ltd The name of the applicant has been altered to **BOSCO, N.**

**Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules**

Australian Patent/Patent Application 2006200845 in the name(s) of Zetco Valves Pty Ltd

Applications Open to Public Inspection

Name Index

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

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(71) 3M Innovative Properties Company  
 (11) AU-A-2019201968  
 (21) 2019201968 (22) 21.03.2019  
 (54) Magneto-mechanical marker with enhanced frequency stability and signal strength  
 (51) Int. Cl.  
*G01V 15/00* ( 2006.01 )  
*G06K 7/08* ( 2006.01 )  
 (43) 11.04.2019  
 (62) 2016262393  
 (72) Doany, Ziyad H.  
 (74) Davies Collison Cave Pty Ltd

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(71) 4 Season Company Pty Ltd  
 (11) AU-A-2018229465  
 (21) 2018229465 (22) 12.09.2018  
 (54) Emissions reducing feed supplement  
 (51) Int. Cl.  
*A23K 20/195* ( 2016.01 )  
*A23K 10/40* ( 2016.01 )  
*A23K 50/10* ( 2016.01 )  
 (31) 2017903860 (32) 22.09.17 (33) AU  
 PCT/ 05.09.18 AU  
 AU2018/050958  
 (43) 11.04.2019  
 (72) Olsson, Robert Charles  
 (74) Spruson & Ferguson

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(71) AbbVie Ireland Unlimited Company  
 (11) AU-A-2019201940  
 (21) 2019201940 (22) 20.03.2019  
 (54) Anti-viral compounds  
 (51) Int. Cl.  
*C07D 403/14* ( 2006.01 )  
 (43) 11.04.2019  
 (62) 2016238925  
 (72) DEGOEY, David A.; KATI, Warren M.; HUTCHINS, Charles W.; DONNER, Pamela L.; KRUEGER, Allan C.; RANDOLPH, John T.; MOTTER, Christopher E.; NELSON, Lissa T.; PATEL, Sachin V.; MATULENKO, Mark A.; KEDDY, Ryan G.; JINKERSON, Tammie K.; GAO, Yi; LIU, Dachun; PRATT, John K.; ROCKWAY, Todd W.; MARING, Clarence J.; HUTCHINSON, Douglas K.; FLENTGE, Charles A.; WAGNER, Rolf; TUFANO, Michael D.; BETEBENNER, David A.; SARRIS, Kathy; WOLLER, Kevin R.; WAGAW, Seble H.; CALIFANO, Jean C.; LI, Wenke; CASPI, Daniel D.; BELLIZZI, Mary E.; CARROLL, William  
 (74) Spruson & Ferguson

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**Abernethy Healthy Lifestyle Association Incorporated see Cripps Clark, J.**  
 (21) 2019201903

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2018236707  
 (21) 2018236707 (22) 24.09.2018  
 (54) VIRTUAL ARTIFICIAL INTELLIGENCE BASED ARTIFICIAL  
 (51) Int. Cl.  
*G06F 16/954* ( 2019.01 )  
*G06N 5/02* ( 2006.01 )  
 (31) 62/561,818 (32) 22.09.17 (33) US  
 (43) 11.04.2019  
 (72) MILLERON, Jean; BEAUFEIST, Arnaud; JUSSERAND, Emmanuel; VATIER, Louis  
 (74) Murray Trento & Associates Pty Ltd

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(71) ACCESSIBILI-T LIMITED; Queensland University of Technology  
 (11) AU-A-2018236806  
 (21) 2018236806 (22) 27.09.2018  
 (54) TRANSFER APPARATUS  
 (51) Int. Cl.  
*A61G 7/14* ( 2006.01 )  
*A47K 17/02* ( 2006.01 )  
 (31) 2017903916 (32) 27.09.17 (33) AU  
 (43) 11.04.2019  
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*H04W 74/00* ( 2009.01 )  
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*F25J 1/02* ( 2006.01 )  
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 (72) Krishnamurthy, Gowri; Roberts, Mark Julian; Brostow, Adam Adrian  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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*A61K 35/612* ( 2015.01 )  
*C11B 1/10* ( 2006.01 )  
*C11B 3/00* ( 2006.01 )  
*C11C 1/00* ( 2006.01 )  
*C11C 1/02* ( 2006.01 )  
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 (51) Int. Cl.  
*C01F 7/38* ( 2006.01 )  
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*C22B 3/04* ( 2006.01 )  
*C22B 21/00* ( 2006.01 )  
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*A63F 1/02* ( 2006.01 )  
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 (72) Shigeta, Yasushi  
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 (54) DERMAL DELIVERY  
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 (74) FPA Patent Attorneys Pty Ltd
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*G06Q 10/06* ( 2012.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (74) Griffith Hack
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 (54) Method, device, and system for gaming  
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*E05D 3/16* ( 2006.01 )  
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 (31) 62/564,381 (32) 28.09.17 (33) US  
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 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE

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 (54) Method, device, and system for gaming  
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(51) Int. Cl.  
**A63F 13/52** ( 2014.01 )  
**G06Q 30/02** ( 2012.01 )  
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 (54) A GAMING SYSTEM AND A METHOD OF GAMING

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**A63F 13/46** ( 2014.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) A system for packaging, processing, activating, and deactivating multiple individual transaction cards as a singular unit

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**G06K 5/00** ( 2006.01 )  
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**F16S 3/06** ( 2006.01 )

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 (72) SEARLE, Colin; HOSKING, Graham  
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 (21) 2018236795 (22) 27.09.2018  
 (54) Fascia mounted railing system  
 (51) Int. Cl.  
**E04F 11/18** ( 2006.01 )

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(71) Canon Kabushiki Kaisha  
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**G06T 11/20** ( 2006.01 )  
**G06F 3/048** ( 2013.01 )  
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 (72) AKAE, Naoki; SHIBUSAWA, Hiroyuki  
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(71) Colgate-Palmolive Company  
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 (54) Oral care implement and spiral bristle for use with the same

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(71) Covidien LP  
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 (51) Int. Cl.  
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(71) Cripps Clark, J.; Abernethy Healthy Lifestyle Association Incorporated  
 (11) AU-A-2019201903  
 (21) 2019201903 (22) 19.03.2019  
 (54) CROWDCOLLECT – AN APP THAT ALLOWS POTENTIAL COMMUNITY PROJECT DEVELOPERS TO COLLECT : CREDIBLE PLEDGES FOR EQUITY PLUS LOAN OFFERS AND CAPITAL DONATIONS AS WELL AS PRELIMINARY USAGE NOMINATIONS, MEMBERSHIPS AND PURCHASE OFFERS FOR FUTURE GOODS OR SERVICES SUCH THAT ALL THESE LIKELY PARTICIPATIONS CAN BE ESTIMATED AND MAPPED TO DEVELOPMENT OPTIONS AND HIGHER CONFIDENCE SOCIAL IMPACTS FOR DEVELOPING STRONGER DEVELOPMENT PROJECT BUSINESS CASES, INCLUDING PROVISION OF PUBLIC INFRASTRUCTURE.  
 (51) Int. Cl.  
**G06Q 50/26** ( 2012.01 )  
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**G06Q 40/06** ( 2012.01 )

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 (72) Cripps Clark, Julianne Mary  
 (74) Julianne Mary Cripps Clark

(71) Cutting Edge Solutions Pty Ltd  
 (11) AU-A-2017235916  
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 (54) A Climbing System Support Unit for Construction Site Safety Screens  
 (51) Int. Cl.  
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 (43) 11.04.2019  
 (72) GOSS, Jason  
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(71) Denso Corporation; Toyota Jidosha Kabushiki Kaisha  
 (11) AU-A-2018236752  
 (21) 2018236752 (22) 26.09.2018  
 (54) Driving assistance apparatus and driving assistance method  
 (51) Int. Cl.  
**B60Q 9/00** ( 2006.01 )  
 (31) 2017-189138 (32) 28.09.17 (33) JP  
 (43) 11.04.2019  
 (72) Yoshitomi, Naoto; Nagae, Hajime  
 (74) Davies Collison Cave Pty Ltd

(71) Diogenes Limited  
 (11) AU-A-2019201870  
 (21) 2019201870 (22) 18.03.2019  
 (54) Pool wagering apparatus, methods and systems  
 (51) Int. Cl.  
**G06Q 50/34** ( 2012.01 )  
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 (72) MARANTELLI, Bernard J.  
 (74) Spruson & Ferguson

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 (54) Method and device for rendering an audio soundfield representation for audio playback  
 (51) Int. Cl.  
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 (74) Shelston IP Pty Ltd.

(71) Dose Medical Corporation  
 (11) AU-A-2019201946  
 (21) 2019201946 (22) 20.03.2019  
 (54) Implants with controlled drug delivery features and methods of using same  
 (51) Int. Cl.  
**A61F 9/00** ( 2006.01 )

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 (51) Int. Cl.  
 C07C 229/08 ( 2006.01 )
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Molecules having pesticidal utility, and intermediates, compositions, and processes, related thereto  
 (51) Int. Cl.  
 C07C 237/42 ( 2006.01 )  
 A01N 37/18 ( 2006.01 )  
 C07C 255/46 ( 2006.01 )  
 C07D 205/04 ( 2006.01 )  
 C07D 295/32 ( 2006.01 )  
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 (51) Int. Cl.  
 C07C 237/42 ( 2006.01 )  
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 C07C 255/57 ( 2006.01 )  
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 C07C 317/40 ( 2006.01 )  
 C07C 317/50 ( 2006.01 )  
 C07C 323/41 ( 2006.01 )  
 C07C 323/42 ( 2006.01 )  
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 C07C 331/12 ( 2006.01 )  
 C07C 381/10 ( 2006.01 )  
 C07D 205/04 ( 2006.01 )  
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 C07D 207/452 ( 2006.01 )  
 C07D 209/30 ( 2006.01 )  
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 C07D 209/44 ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
- (71) Drilling Info, Inc.  
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 (72) Grant, Chris; Witte, Dean C.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) User interface extender  
 (51) Int. Cl.  
 G06F 9/451 ( 2018.01 )  
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 (74) mdp Patent and Trade Mark Attorneys
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 (72) MATUS, Jonathan Arie  
 (74) Cotters Patent & Trade Mark Attorneys
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 (51) Int. Cl.  
 B65B 43/26 ( 2006.01 )
- (31) 01189/17 (32) 28.09.17 (33) CH  
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*A61M 39/00* ( 2006.01 )  
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**(72)** Stoks, Elmo Benson; North, Charles Christopher  
**(74)** Baldwins Intellectual Property

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**(51)** Int. Cl.  
*A01P 7/04* ( 2006.01 )  
*A01N 25/28* ( 2006.01 )  
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*A61B 17/88* ( 2006.01 )  
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**(72)** Gauthier, Michael T.; Braganza, Austin R.S.; Jeutter, Dean; Gauthier, Stacy Ann  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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**(51)** Int. Cl.  
*G01N 21/01* ( 2006.01 )  
*G01D 5/00* ( 2006.01 )  
*G01D 5/26* ( 2006.01 )  
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**(54)** Antiviral compounds  
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*C07D 403/14* ( 2006.01 )  
*A61K 31/4178* ( 2006.01 )  
*A61K 31/4184* ( 2006.01 )  
*A61K 31/4188* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
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*G07D 7/10* ( 2006.01 )  
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**(72)** MUTA, Keitaro; GOCHO, Satoshi  
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**(54)** GENERATION LOAD CONTROL  
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*G05F 5/00* ( 2006.01 )  
*H02J 3/14* ( 2006.01 )  
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**(74)** Murray Trento & Associates Pty Ltd

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**(54)** Exercise Mat with a Continuous One-Piece Anti-Slip Strip  
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*A63B 6/00* ( 2006.01 )  
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**(72)** TSAI, Victor  
**(74)** A.P.T. Patent and Trade Mark Attorneys

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**(74)** FB Rice Pty Ltd

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**(54)** Replaceable item authentication  
**(51)** Int. Cl.  
*B41J 29/00* ( 2006.01 )  
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**(72)** PANSHIN, Stephen D.; WARD, Jefferson P.; NESS, Erik D.  
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**(21)** 2018220121 **(22)** 24.08.2018  
**(54)** SYSTEM AND METHOD FOR SYNCHRONIZING CASHLESS WAGERING ACCOUNTS AND GAMING ESTABLISHMENT RETAIL ACCOUNTS  
**(51)** Int. Cl.  
*A63F 13/792* ( 2014.01 )  
*A63F 13/30* ( 2014.01 )  
*G06Q 20/00* ( 2012.01 )  
*G07F 17/32* ( 2006.01 )  
**(31)** 16/057,437 **(32)** 07.08.18 **(33)** US  
 62/564,622 28.09.17 US  
**(43)** 11.04.2019  
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**(74)** Phillips Ormonde Fitzpatrick

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**(21)** 2018226447 **(22)** 06.09.2018  
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**(51)** Int. Cl.  
*G07F 17/32* ( 2006.01 )  
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**(54)** Rebate formwork system for slip form casting  
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 G01N 33/569 ( 2006.01 )  
 C07K 14/005 ( 2006.01 )  
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 (54) CURCUMINOID CHLOROPHYLLIN (CHL) COMPOSITIONS AND METHODS OF PREPARATION AND USE  
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 A61K 31/12 ( 2006.01 )  
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 A61K 31/12 ( 2006.01 )  
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 (54) Delivery device and method of delivery  
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 A61F 2/966 ( 2013.01 )  
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 A61K 31/7105 ( 2006.01 )  
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 (72) FROHWEIN, Robert James; PETRALIA, Kathryn Tison  
 (74) Cotters Patent & Trade Mark Attorneys

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**F16J 15/10** ( 2006.01 )  
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 methods  
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 BARON, John P.; ELLIS, Daniel J.  
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 (54) Flight crew connectivity systems and  
 methods  
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Applications Open to Public Inspection - Name Index cont'd

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**A61P 31/12** ( 2006.01 )  
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Applications Open to Public Inspection - Name Index cont'd

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 H04M 1/04 ( 2006.01 )  
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 F16L 9/12 ( 2006.01 )  
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 F16L 57/06 ( 2006.01 )  
 F16L 11/02 ( 2006.01 )  
 F16L 11/10 ( 2006.01 )  
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## Applications Open to Public Inspection - Name Index cont'd

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Numerical Index

2017232112	Kiel, S.	2018236806	ACCESSIBILI-T LIMITED; Queensland University of Technology
2017232219	RAIL VISION EUROPE LTD	2018236851	United Arab Emirates University
2017232220	RAIL VISION EUROPE LTD	2018298509	Lam, C.H.T.
2017235909	Canon Kabushiki Kaisha	2018308957	PetroChina Company Limited
2017235916	Cutting Edge Solutions Pty Ltd	2018319217	Yoo, H.
2017235948	Grounding Inc.	2018330957	Shanghai Sanyou Medical Co., Ltd.
2017239584	Inovobiologic Inc.	2019200757	AKER Biomarine Antarctic AS
2017239585	Inovobiologic Inc.	2019201435	Kabbage, Inc.
2017248468	Sirichindakul, T.	2019201497	The University of Notre Dame
2017265146	Seowon University Institute of Industry-Academy Collaboration	2019201527	Applied Genetic Technologies Corporation
2017374056	Zhejiang Lera New Energy Power Technology Co., Ltd.; Ningbo Shijia Cleaning Tools Co., Ltd	2019201597	TouchPoint Medical, Inc.
2017404564	Ping An Technology (Shenzhen) Co., Ltd.	2019201637	BiOWiSH Technologies, Inc.
2018202300	MAC Valves, Inc.	2019201765	Fisher & Paykel Healthcare Limited
2018202650	Aristocrat Technologies Australia Pty Limited	2019201850	The Regents of the University of California; University of Vienna; Charpentier, E.
2018203950	Zhejiang Helen Plastic Co., Ltd	2019201852	Landmark Graphics Corporation
2018203953	Zhejiang Helen Plastic Co., Ltd	2019201853	Apple Inc.
2018204498	Snap-on Incorporated	2019201854	Dropbox, Inc.
2018204801	Aristocrat Technologies Australia Pty Limited	2019201855	Colgate-Palmolive Company
2018204823	The Boeing Company	2019201858	The Regents of the University of California; Nolta, J.; Pepper, K.; Fierro, F.; Bauer, G.
2018205059	Spin Master Ltd.	2019201859	ObsEva SA
2018205181	Jiangsu Hengxin Technology Co.,Ltd	2019201861	Association Institut De Myologie
2018213969	The Boeing Company	2019201862	President and Fellows of Harvard College
2018217284	Aristocrat Technologies Australia Pty Limited	2019201863	WHITE MOUNTAIN PHARMA, INC.
2018220121	IGT	2019201864	Blackhawk Network, Inc.
2018222882	Covidien LP	2019201867	Poly Medicure Limited
2018222959	The Boeing Company	2019201869	NantOmics, LLC
2018222992	Palo Alto Research Center Incorporated	2019201870	Diogenes Limited
2018223032	Whirlpool Corporation	2019201872	Facebook, Inc.
2018226447	IGT	2019201873	Intact Vascular, Inc.
2018226465	Symbol Technologies, LLC	2019201874	Baxalta GmbH; Baxalta Incorporated
2018226489	CASIO COMPUTER CO., LTD.	2019201875	Rothamsted Research Ltd
2018229419	Ferag AG	2019201877	Gauthier Biomedical, Inc.
2018229465	4 Season Company Pty Ltd	2019201878	Aristocrat Technologies Australia Pty Limited
2018229494	Lincoln's Transport Pty Ltd	2019201880	Drilling Info, Inc.
2018229517	Modern Meadow, Inc.	2019201882	Ionis Pharmaceuticals, Inc.
2018232935	Kabisa Medical Pty Ltd	2019201884	Allergan, Inc.
2018232944	Noritz Corporation	2019201885	Microsoft Technology Licensing, LLC
2018232972	Angel Playing Cards Co., Ltd.	2019201887	Westlake Longview Corporation
2018232976	NORITZ CORPORATION	2019201888	President and Fellows of Harvard College
2018232981	ADTRAN, Inc.	2019201889	Muffett, R.
2018233001	Altech Chemicals Australia Pty Ltd	2019201890	Colgate-Palmolive Company
2018233006	Motorola Solutions, Inc.	2019201895	Becton, Dickinson and Company
2018233011	Andritz Inc.	2019201896	Oncoceutics, Inc.
2018233022	Glory Ltd.; Toppan Printing Co., Ltd.	2019201897	Sun Patent Trust
2018233027	Aristocrat Technologies Australia Pty Limited	2019201898	Vestaron Corporation
2018233035	Thomas, J.	2019201900	Dolby International AB
2018233037	Aristocrat Technologies Australia Pty Limited	2019201902	ANTERIOS, INC.
2018233047	Vale S.A.	2019201903	Cripps Clark, J.; Abernethy Healthy Lifestyle Association Incorporated
2018233053	Air Products and Chemicals, Inc.	2019201907	W. L. Gore & Associates, Inc.
2018233054	Air Products and Chemicals, Inc.	2019201911	The United States of America, as represented by the Secretary, Department of Health and Human Services
2018233055	Vale S.A.	2019201912	P.G. & A.M. Campbell Pty. Limited
2018236690	NORITZ CORPORATION	2019201913	Turbovich, I.
2018236705	J & S Joyce Pty Ltd	2019201914	Neuroolutions, Inc.
2018236707	Accenture Global Solutions Limited	2019201915	Johnson & Johnson Surgical Vision, Inc.
2018236708	Easy Lay Flooring Pty Ltd	2019201916	Tamarack Aerospace Group, Inc.
2018236728	BCS S.p.A.	2019201917	Schentag, J.; Fayad, J.
2018236739	Weber-Stephen Products LLC	2019201918	GNG Electrical Pty Ltd
2018236750	Aristocrat Technologies Australia Pty Limited	2019201921	Intersurgical AG; Nasir, M.
2018236752	Denso Corporation; Toyota Jidosha Kabushiki Kaisha	2019201922	The Trustees of the University of Pennsylvania
2018236759	MASSEY UNIVERSITY	2019201923	Xencor, Inc.
2018236772	Jimten, S.A.	2019201924	Translate Bio, Inc.
2018236778	Aranoc Pty Ltd	2019201926	Millennium Pharmaceuticals, Inc.
2018236780	Altronic Distributors Pty Ltd	2019201927	Immune Design Corp
2018236795	C.R. Laurence Co., Inc.		
2018236801	KANG, C.G.		
2018236803	Mitsubishi Heavy Industries Thermal Systems, Ltd.		

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

2019201929	Novartis AG
2019201930	Smith & Nephew Inc.; University of Massachusetts
2019201931	Dow AgroSciences LLC
2019201932	Applied Aged Care Solutions Pty Ltd
2019201933	Illinois Tool Works Inc.
2019201934	The Regents of the University of California
2019201935	Canon Kabushiki Kaisha
2019201936	Hewlett-Packard Development Company, L.P.
2019201937	TARGOVAX AS
2019201938	Novartis AG
2019201939	Gilead Pharmasset LLC
2019201940	AbbVie Ireland Unlimited Company
2019201941	Microsoft Technology Licensing, LLC
2019201943	Biosense Webster (Israel) Ltd.
2019201944	Aristocrat Technologies Australia Pty Limited
2019201945	Arbitron Inc.
2019201946	Dose Medical Corporation
2019201948	FMC Corporation
2019201950	Dow AgroSciences LLC
2019201951	Dow AgroSciences LLC
2019201952	Sydney Water Corporation
2019201956	Singh, S.
2019201957	Ricoh Company, Limited
2019201964	CamelBak Products, LLC
2019201968	3M Innovative Properties Company
2019201971	JADHAV, A.
2019201976	GEN-PROBE INCORPORATED
2019201983	Hewlett-Packard Development Company, L.P.
2019201985	BLUESCOPE STEEL LIMITED
2019201986	Massachusetts Eye & Ear Infirmary; Schepens Eye Research Institute
2019201988	Laboratoris Sanifit, S. L.
2019201989	Sarepta Therapeutics, Inc.
2019201990	The Regents of the University of California

IPC Index

<b><u>A01C 21 /-</u></b> 2019201912	<b><u>A47L 9 /-</u></b> 2017374056	2019201926 2019201937	2019201937 2019201990	<b><u>B62D 53 /-</u></b> 2018229494	<b><u>C07D 207 /-</u></b> 2019201859 2019201951
<b><u>A01G 15 /-</u></b> 2019201889	<b><u>A61B 17 /-</u></b> 2018222882 2018330957 2019201877	<b><u>A61K 45 /-</u></b> 2019201939	<b><u>A61P 39 /-</u></b> 2017265146	<b><u>B64C 3 /-</u></b> 2019201916	<b><u>C07D 209 /-</u></b> 2019201951
<b><u>A01K 67 /-</u></b> 2019201497	<b><u>A61B 18 /-</u></b> 2018222882	<b><u>A61K 47 /-</u></b> 2019201874 2019201884	<b><u>A61P 5 /-</u></b> 2017265146 2019201859	<b><u>B64D 45 /-</u></b> 2018213969	<b><u>C07D 213 /-</u></b> 2019201951
<b><u>A01N 25 /-</u></b> 2019201948	<b><u>A61B 3 /-</u></b> 2019201934	<b><u>A61K 48 /-</u></b> 2019201858 2019201861 2019201882	<b><u>A61P 9 /-</u></b> 2017265146	<b><u>B65B 43 /-</u></b> 2018229419	<b><u>C07D 215 /-</u></b> 2019201951
<b><u>A01N 37 /-</u></b> 2019201950 2019201951	<b><u>A61B 5 /-</u></b> 2019201943	<b><u>A61K 9 /-</u></b> 2019201637 2019201884 2019201902 2019201929 2019201988	<b><u>A62B 23 /-</u></b> 2018298509	<b><u>B65G 65 /-</u></b> 2018233055	<b><u>C07D 231 /-</u></b> 2019201951
<b><u>A01N 53 /-</u></b> 2019201948	<b><u>A61C 17 /-</u></b> 2019201890	<b><u>A61M 1 /-</u></b> 2019201867 2019201915	<b><u>A63B 6 /-</u></b> 2017235948	<b><u>B82Y 20 /-</u></b> 2017232112	<b><u>C07D 233 /-</u></b> 2019201951
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Applications Open to Public Inspection - IPC Index cont'd

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**Name Index**

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 (54) CONNECTOR  
 (51) Int. Cl.

**H05K 5/02** ( 2006.01 )  
 (45) 11.04.2019  
 (62) PCT/CN2017/116965  
 (72) He, Jinfeng; Zhao, Yongchun  
 (74) Madderns Pty Ltd  
 (71) Wangwealth Pty Ltd  
 (11) AU-A-2019100233  
 (21) 2019100233 (22) 05.03.2019  
 (54) Method of producing a composite product  
 (51) Int. Cl.  
**B32B 21/00** ( 2006.01 )  
**B32B 27/30** ( 2006.01 )  
 (45) 11.04.2019  
 (72) Wang, Jianwen  
 (74) Cotters Patent & Trade Mark Attorneys

## Numerical Index

2019100013	DRÄEGER SAFETY AG & CO. KGAA
2019100164	Reddiex, A.
2019100201	METWEST ENGINEERING PTY LIMITED
2019100205	Pertot, S.
2019100210	COLLINSON-SMITH, R.
2019100213	North China University of Science and Technology
2019100216	draffin, s.
2019100217	Gold, A.; Gold, T.
2019100218	Ansalone, A.
2019100220	Functional Intelligence Pty Ltd
2019100221	JALT TECHNOLOGIES PTY LTD
2019100222	Apple Inc.
2019100223	E4E Information Technologies Co., Ltd.
2019100224	Tavaziva, B.; Roberts, S.
2019100225	Fiteni, E.
2019100226	HumAlnify
2019100227	Shukla, A.
2019100229	BISSELL Inc.
2019100231	Unilumin Group Co.,Ltd
2019100233	Wangwealth Pty Ltd
2019100236	DOUGLAS, C.; DOUGLAS, M.
2019100237	Da Gama Industries Pty Ltd



IPC Index

<b><u>A01K 97 /-</u></b>	<b><u>B63B 27 /-</u></b>	<b><u>G16Z 99 /-</u></b>
2019100164	2019100201	2019100222
<b><u>A41D 7 /-</u></b>	<b><u>B66C 23 /-</u></b>	<b><u>H01Q 1 /-</u></b>
2019100210	2019100201	2019100223
<b><u>A47L 11 /-</u></b>	<b><u>E04C 5 /-</u></b>	<b><u>H04N 21 /-</u></b>
2019100229	2019100221	2019100227
<b><u>A61B 5 /-</u></b>	<b><u>E04G 17 /-</u></b>	<b><u>H05K 5 /-</u></b>
2019100013	2019100221	2019100231
2019100222	<b><u>E04G 21 /-</u></b>	<b><u>No IPC Mark</u></b>
2019100224	2019100221	
2019100226		
<b><u>A61C 17 /-</u></b>	<b><u>E21B 10 /-</u></b>	
2019100205	2019100237	
<b><u>A61F 13 /-</u></b>	<b><u>G01N 33 /-</u></b>	
2019100205	2019100013	
	2019100213	
<b><u>A61M 35 /-</u></b>	<b><u>G01N 35 /-</u></b>	
2019100205	2019100213	
<b><u>A62B 1 /-</u></b>	<b><u>G06F 16 /-</u></b>	
2019100201	2019100227	
<b><u>B29C 64 /-</u></b>	<b><u>G06F 21 /-</u></b>	
2019100216	2019100227	
<b><u>B32B 21 /-</u></b>	<b><u>G06F 3 /-</u></b>	
2019100233	2019100222	
<b><u>B32B 27 /-</u></b>	2019100226	
2019100233	<b><u>G06K 7 /-</u></b>	
<b><u>B33Y 50 /-</u></b>	2019100227	
2019100216	<b><u>G06Q 10 /-</u></b>	
<b><u>B33Y 80 /-</u></b>	2019100227	
2019100216	<b><u>G06Q 20 /-</u></b>	
<b><u>B60P 3 /-</u></b>	2019100218	
2019100236	<b><u>G06Q 40 /-</u></b>	
<b><u>B60Q 9 /-</u></b>	2019100217	
2019100236	<b><u>G06Q 50 /-</u></b>	
<b><u>B62B 1 /-</u></b>	2019100225	
2019100164	<b><u>G09B 7 /-</u></b>	
<b><u>B62B 3 /-</u></b>	2019100220	
2019100164	<b><u>G16H 20 /-</u></b>	
	2019100220	

PCT applications which have entered the National Phase

Name Index

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

<p>(71) 22nd Century Limited, LLC                      (11) AU-A-2017332638                      (21) 2017332638 (22) 14.09.2017                      (54) Trichome specific promoters for the manipulation of cannabinoids and other compounds in glandular trichomes                      (51) Int. Cl.                      C12N 9/00 ( 2006.01 )                      C12N 15/82 ( 2006.01 )                      (87) WO2018/057385                      (31) 62/397,212 (32) 20.09.16 (33) US                      (43) 29.03.2018                      (72) Rushton, Paul                      (74) Davies Collison Cave Pty Ltd</p>	<p>A61P 3/10 ( 2006.01 )                      A61P 9/10 ( 2006.01 )                      (87) WO2018/054959                      (31) PA 2016 70733 (32) 20.09.16 (33) DK                      (43) 29.03.2018                      (72) Gustafsen, Camilla; Madsen, Søndergaard Peder; Pedersen, Glerup Simon                      (74) FB Rice Pty Ltd</p>	<p>(43) 22.03.2018                      (72) Shen, Che-Kun James; Shyu, Yu-Chiau; Hung, Chun-Hao                      (74) Spruson &amp; Ferguson</p>
<p>(71) 2678380 Ontario Inc.                      (11) AU-A-2017331824                      (21) 2017331824 (22) 18.09.2017                      (54) Method and apparatus for direct recovery of mineral values as a bubble-solids aggregate                      (51) Int. Cl.                      C02F 1/24 ( 2006.01 )                      B03D 1/02 ( 2006.01 )                      C10G 1/04 ( 2006.01 )                      C22B 1/00 ( 2006.01 )                      (87) WO2018/053626                      (31) 62/397,394 (32) 21.09.16 (33) US                      (43) 29.03.2018                      (72) Kosick, Glenn A.; Dobby, Glenn S.; McInnes, Catherine A.                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Abiomed, Inc.; Massachusetts Institute of Technology                      (11) AU-A-2017326989                      (21) 2017326989 (22) 19.09.2017                      (54) Cardiovascular assist system that quantifies heart function and facilitates heart recovery                      (51) Int. Cl.                      A61M 1/10 ( 2006.01 )                      A61M 1/12 ( 2006.01 )                      (87) WO2018/053504                      (31) 62/396,628 (32) 19.09.16 (33) US                      (43) 22.03.2018                      (72) Edelman, Elazer; Chang, Brian; Josephy, Noam; Bhavsar, Sonya Sanat                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Acceleron Pharma, Inc.                      (11) AU-A-2017340504                      (21) 2017340504 (22) 04.10.2017                      (54) Compositions and method for treating kidney disease                      (51) Int. Cl.                      A61K 47/68 ( 2017.01 )                      A61K 38/16 ( 2006.01 )                      A61K 38/18 ( 2006.01 )                      A61K 39/395 ( 2006.01 )                      A61K 47/60 ( 2017.01 )                      A61P 13/12 ( 2006.01 )                      (87) WO2018/067740                      (31) 62/404,603 (32) 05.10.16 (33) US                      (43) 12.04.2018                      (72) Kumar, Ravindra; Li, Gang                      (74) Shelston IP Pty Ltd.</p>
<p>(71) 2elms Pte Ltd                      (11) AU-A-2017325512                      (21) 2017325512 (22) 29.08.2017                      (54) A lintel                      (51) Int. Cl.                      E04C 3/04 ( 2006.01 )                      E04C 3/02 ( 2006.01 )                      (87) WO2018/048347                      (31) 10201607534S (32) 09.09.16 (33) SG                      (43) 15.03.2018                      (72) Ng, Wee Beng; Wyatt, Gary Donald                      (74) Adams Pluck</p>	<p>(71) AbVitro LLC                      (11) AU-A-2017332495                      (21) 2017332495 (22) 12.01.2017                      (54) Affinity-oligonucleotide conjugates and uses thereof                      (51) Int. Cl.                      C12Q 1/68 ( 2018.01 )                      C12N 15/10 ( 2006.01 )                      (87) WO2018/057051                      (31) PCT/US2016/053598 (32) 24.09.16 (33) US                      (43) 29.03.2018                      (72) Vigneault, Francois; Briggs, Wrangham Adrian; Goldfless, Stephen J.; Belmont, Brian J.                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Acclarent, Inc.                      (11) AU-A-2017342915                      (21) 2017342915 (22) 09.10.2017                      (54) Apparatus and method for irrigating sinus cavity                      (51) Int. Cl.                      A61B 17/24 ( 2006.01 )                      A61B 17/22 ( 2006.01 )                      (87) WO2018/071316                      (31) 15/293,745 (32) 14.10.16 (33) US                      (43) 19.04.2018                      (72) Ngo-Chu, Don Q.                      (74) Spruson &amp; Ferguson</p>
<p>(71) Aarhus Universitet                      (11) AU-A-2017329799                      (21) 2017329799 (22) 20.09.2017                      (54) Compounds for treatment of lipoprotein metabolism disorders                      (51) Int. Cl.                      A61K 31/702 ( 2006.01 )                      A61K 31/7028 ( 2006.01 )                      A61K 31/704 ( 2006.01 )                      A61K 31/7056 ( 2006.01 )                      A61K 31/726 ( 2006.01 )                      A61K 31/727 ( 2006.01 )                      A61P 3/06 ( 2006.01 )</p>	<p>(71) Academia Sinica; Shen, C.J.; Shyu, Y.; Hung, C.                      (11) AU-A-2017326234                      (21) 2017326234 (22) 13.09.2017                      (54) Methods for enhancing lifespan and/or treating cellular proliferative disorders by transplantation                      (51) Int. Cl.                      C07K 14/47 ( 2006.01 )                      A61K 38/16 ( 2006.01 )                      C12N 5/095 ( 2010.01 )                      (87) WO2018/052964                      (31) 62/393,665 (32) 13.09.16 (33) US</p>	<p>(71) Acclarent, Inc.                      (11) AU-A-2017347766                      (21) 2017347766 (22) 09.10.2017                      (54) Multi-window surgical cutting apparatus                      (51) Int. Cl.                      A61B 17/32 ( 2006.01 )                      A61B 17/3207 ( 2006.01 )                      (87) WO2018/075274                      (31) 15/298,903 (32) 20.10.16 (33) US                      (43) 26.04.2018                      (72) Palushi, Jetmir; Radtke, Lauren                      (74) Spruson &amp; Ferguson</p>
<p>(71) Aarhus Universitet                      (11) AU-A-2017350552                      (21) 2017350552 (22) 09.10.2017                      (54) Actuation features for dilation system                      (51) Int. Cl.                      A61M 25/01 ( 2006.01 )                      A61B 17/24 ( 2006.01 )                      A61B 34/00 ( 2016.01 )                      A61M 25/09 ( 2006.01 )                      A61M 29/02 ( 2006.01 )</p>	<p>(71) Acclarent, Inc.                      (11) AU-A-2017350552                      (21) 2017350552 (22) 09.10.2017                      (54) Actuation features for dilation system                      (51) Int. Cl.                      A61M 25/01 ( 2006.01 )                      A61B 17/24 ( 2006.01 )                      A61B 34/00 ( 2016.01 )                      A61M 25/09 ( 2006.01 )                      A61M 29/02 ( 2006.01 )</p>	<p>(71) Acclarent, Inc.                      (11) AU-A-2017350552                      (21) 2017350552 (22) 09.10.2017                      (54) Actuation features for dilation system                      (51) Int. Cl.                      A61M 25/01 ( 2006.01 )                      A61B 17/24 ( 2006.01 )                      A61B 34/00 ( 2016.01 )                      A61M 25/09 ( 2006.01 )                      A61M 29/02 ( 2006.01 )</p>

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**(72)** Ngo-Chu, Don Q.; Matlock, George L.  
**(74)** Spruson & Ferguson
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- (71)** Agenus Inc.  
**(11)** AU-A-2017343621  
**(21)** 2017343621 **(22)** 11.10.2017  
**(54)** Anti-LAG-3 antibodies and methods of use thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
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**(72)** Wilson, Nicholas Stuart; Savitsky, David Adam; Jennings, Shawn Michael; Van Dijk, Marc; Mundt, Cornelia Anne  
**(74)** AJ PARK
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- (71)** Agios Pharmaceuticals, Inc.  
**(11)** AU-A-2017319500  
**(21)** 2017319500 **(22)** 30.08.2017  
**(54)** Inhibitors of cellular metabolic processes  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07F 9/141** ( 2006.01 )  
**(87)** WO2018/045071  
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**(43)** 08.03.2018  
**(72)** Konteatis, Zenon D.; Sui, Zhihua; Travins, Jeremy M.; Ye, Zhixiong  
**(74)** FB Rice Pty Ltd
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- (71)** Akamara Therapeutics, Inc.  
**(11)** AU-A-2017323593  
**(21)** 2017323593 **(22)** 07.09.2017  
**(54)** Immune memory induction by platinum based compounds  
**(51)** Int. Cl.  
**A61K 31/575** ( 2006.01 )  
**A61K 33/24** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
**C07F 15/00** ( 2006.01 )  
**C07H 23/00** ( 2006.01 )  
**C07J 41/00** ( 2006.01 )  
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**(43)** 15.03.2018  
**(72)** Sengupta, Shiladitya; Sengupta, Aniruddha; Mylavarapu, Sanghamitra; Roy, Monideepa  
**(74)** Allens Patent & Trade Mark Attorneys
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- (71)** Akeso Biopharma, Inc.  
**(11)** AU-A-2017316255  
**(21)** 2017316255 **(22)** 22.08.2017
- (54)** Anti-PD1 monoclonal antibody, pharmaceutical composition thereof and use thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C12N 5/20** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**G01N 33/577** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
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**(72)** Li, Baiyong; Xia, Yu; Wang, Zhongmin Maxwell; Zhang, Peng  
**(74)** Spruson & Ferguson
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- (71)** Akeso Pharmaceuticals, Inc.  
**(11)** AU-A-2017317124  
**(21)** 2017317124 **(22)** 22.08.2017  
**(54)** Anti-CTLA4 and anti-PD-1 bifunctional antibody, pharmaceutical composition thereof and use thereof  
**(51)** Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 7/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**G01N 33/577** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
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**(72)** Li, Baiyong; Xia, Yu; Wang, Zhongmin Maxwell; Zhang, Peng  
**(74)** Spruson & Ferguson
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- (71)** Akribes Biomedical GmbH  
**(11)** AU-A-2017350134  
**(21)** 2017350134 **(22)** 23.10.2017  
**(54)** Methods for identifying a non-healing skin wound and for monitoring the healing of a skin wound  
**(51)** Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**C12Q 1/6883** ( 2018.01 )  
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**(31)** 16002266.1 **(32)** 24.10.16 **(33)** EP  
**(43)** 03.05.2018  
**(72)** Wolff-Winiski, Barbara; Stütz, Anton; Dörfler, Petra  
**(74)** Spruson & Ferguson
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- (71)** AK Steel Properties, Inc.  
**(11)** AU-A-2017339465  
**(21)** 2017339465 **(22)** 03.10.2017  
**(54)** High elongation press hardened steel and manufacture of the same  
**(51)** Int. Cl.  
**C22C 38/00** ( 2006.01 )  
**C21D 1/18** ( 2006.01 )  
**C21D 1/673** ( 2006.01 )  
**C21D 8/02** ( 2006.01 )  
**C21D 9/46** ( 2006.01 )
- C22C 38/02** ( 2006.01 )  
**C22C 38/04** ( 2006.01 )  
**C22C 38/06** ( 2006.01 )  
**C22C 38/08** ( 2006.01 )  
**C22C 38/12** ( 2006.01 )  
**C22C 38/26** ( 2006.01 )  
**C22C 38/28** ( 2006.01 )  
**C22C 38/32** ( 2006.01 )  
**C22C 38/38** ( 2006.01 )  
**C23C 2/06** ( 2006.01 )  
**C23C 2/12** ( 2006.01 )  
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 62/403,354 03.10.16 US  
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**(72)** Roubidoux, John Andrew; Pavlina, Erik J.  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Alibaba Group Holding Limited  
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**(21)** 2017329937 **(22)** 13.09.2017  
**(54)** Operation object processing method and apparatus  
**(51)** Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
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**(31)** 201610839763.4 **(32)** 21.09.16 **(33)** CN  
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**(72)** Liu, Lindong  
**(74)** Cotters Patent & Trade Mark Attorneys
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- (71)** Allergan, Inc.  
**(11)** AU-A-2017326253  
**(21)** 2017326253 **(22)** 13.09.2017  
**(54)** Stabilized non-protein clostridial toxin compositions  
**(51)** Int. Cl.  
**A61K 38/48** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61K 47/10** ( 2006.01 )  
**A61K 47/18** ( 2006.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/22** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/34** ( 2006.01 )  
**A61P 9/06** ( 2006.01 )  
**A61P 13/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Allstate Insurance Company  
**(11)** AU-A-2017315462  
**(21)** 2017315462 **(22)** 25.08.2017  
**(54)** Automatic hail damage detection and repair  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**G06Q 30/04** ( 2012.01 )

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

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**G06Q 50/10** ( 2012.01 )  
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**(72)** Hanson, Randall M.; Hildebrandt, Nicole M.; Bond, Anthony L.; Marlow, Clint J.; Gupta, Ami J.; Yager, Floyd M.; Thomas, Joy A.; Huls, Eric D.  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Alveo Technologies, Inc.  
**(11)** AU-A-2017330304  
**(21)** 2017330304 **(22)** 20.09.2017  
**(54)** Methods and compositions for detecting analytes  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**G01N 27/06** ( 2006.01 )  
**(87)** WO2018/057647  
**(31)** 62/398,913 **(32)** 23.09.16 **(33)** US  
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**(74)** Davies Collison Cave Pty Ltd
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- (71)** Amazon Technologies, Inc.  
**(11)** AU-A-2017314838  
**(21)** 2017314838 **(22)** 25.08.2017  
**(54)** Executing remote commands  
**(51)** Int. Cl.  
**G06F 9/54** ( 2006.01 )  
**(87)** WO2018/039617  
**(31)** 15/249,213 **(32)** 26.08.16 **(33)** US  
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**(72)** Loladia, Rameez  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Amazon Technologies, Inc.  
**(11)** AU-A-2017337061  
**(21)** 2017337061 **(22)** 29.09.2017  
**(54)** Managed container instances  
**(51)** Int. Cl.  
**G06F 9/50** ( 2006.01 )  
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**(43)** 05.04.2018  
**(72)** Gerdesmeier, Daniel Robert; Barclay, Christopher Brian; Suarez, Anthony Joseph; Srikanta, Archana; Lopez Biagi, Carlos Eduardo  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** AMOG Technologies Pty Ltd  
**(11)** AU-A-2017331811  
**(21)** 2017331811 **(22)** 25.09.2017  
**(54)** Wave energy converter  
**(51)** Int. Cl.  
**F03B 13/20** ( 2006.01 )
- F03B 13/14** ( 2006.01 )  
**(87)** WO2018/053602  
**(31)** 2016904281 **(32)** 21.10.16 **(33)** AU  
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**(72)** Sincock, Paul; Eassom, Adrian Conrad; Wales, Stuart John; Marcollo, Hayden  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** AmorePacific Corporation  
**(11)** AU-A-2017330788  
**(21)** 2017330788 **(22)** 22.08.2017  
**(54)** Hair conditioning composition  
**(51)** Int. Cl.  
**A61K 8/89** ( 2006.01 )  
**A61K 8/31** ( 2006.01 )  
**A61K 8/891** ( 2006.01 )  
**A61K 8/92** ( 2006.01 )  
**A61Q 5/00** ( 2006.01 )  
**A61Q 5/12** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd
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- (71)** Anji Borui Import And Export Trade Co., Ltd.  
**(11)** AU-A-2017317800  
**(21)** 2017317800 **(22)** 25.07.2017  
**(54)** Recombinant wood board having log grain and manufacturing method therefor  
**(51)** Int. Cl.  
**B27D 1/04** ( 2006.01 )  
**B27K 3/00** ( 2006.01 )  
**(87)** WO2018/040800  
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**(72)** Hu, Bo; Hu, Qian  
**(74)** Shelston IP Pty Ltd.
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**(21)** 2017330537 **(22)** 18.09.2017  
**(54)** Permeate flow patterns  
**(51)** Int. Cl.  
**B32B 7/14** ( 2006.01 )  
**B01D 63/10** ( 2006.01 )  
**(87)** WO2018/057474  
**(31)** 62/397,142 **(32)** 20.09.16 **(33)** US  
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**(72)** Roderick, Kevin; Herrington, Rodney; Weingardt, Kendall  
**(74)** Shelston IP Pty Ltd.
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- (71)** Ardagh MP Group Netherlands B.V.  
**(11)** AU-A-2017316746  
**(21)** 2017316746 **(22)** 21.08.2017  
**(54)** Barrel having a pressure valve for storing beer, use thereof, method for controlling the pressure in the barrel, barrel hollow floor, modular system for producing a barrel hollow floor and method for filling a barrel  
**(51)** Int. Cl.
- B67D 1/04** ( 2006.01 )  
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**B65D 83/66** ( 2006.01 )  
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*C08G 18/10* ( 2006.01 )  
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**C03C 3/093** ( 2006.01 )  
**C03C 8/02** ( 2006.01 )  
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**A61B 5/145** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**G16H 20/30** ( 2018.01 )  
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*C08J 5/18* (2006.01)  
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*A01N 25/30* (2006.01)  
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*A47H 13/04* (2006.01)  
*A47F 5/08* (2006.01)  
*A47G 1/20* (2006.01)  
*E04B 9/00* (2006.01)  
*E04B 9/26* (2006.01)  
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 G10L 15/20 ( 2006.01 )  
 G06F 17/20 ( 2006.01 )  
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 H04M 3/56 ( 2006.01 )  
 H04W 4/10 ( 2009.01 )  
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 F02B 3/06 ( 2006.01 )  
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 A61K 31/439 ( 2006.01 )  
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 C07D 471/06 ( 2006.01 )  
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 H02J 3/32 ( 2006.01 )  
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 H04L 12/46 ( 2006.01 )  
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 F21V 29/90 ( 2015.01 )  
 F21S 2/00 ( 2016.01 )  
 F21V 3/00 ( 2015.01 )  
 F21V 3/04 ( 2018.01 )  
 F21V 5/04 ( 2006.01 )  
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 F21W 111/06 ( 2006.01 )  
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 H01L 33/50 ( 2010.01 )  
 F21S 2/00 ( 2016.01 )  
 F21V 13/12 ( 2006.01 )  
 F21V 19/00 ( 2006.01 )  
 F21V 23/00 ( 2015.01 )  
 H01L 33/00 ( 2010.01 )  
 H01L 33/58 ( 2010.01 )  
 F21W 111/06 ( 2006.01 )  
 F21Y 105/10 ( 2016.01 )  
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 C30B 7/04 ( 2006.01 )  
 B01D 9/02 ( 2006.01 )  
 C30B 29/46 ( 2006.01 )  
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 A23L 33/00 ( 2016.01 )  
 A23K 20/20 ( 2016.01 )  
 A23L 33/135 ( 2016.01 )  
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 (51) Int. Cl.  
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 A61K 38/00 (2006.01)  
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 A61K 31/7088 (2006.01)  
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**(51)** Int. Cl.  
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**A61K 31/352** ( 2006.01 )  
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**A61B 5/097** ( 2006.01 )  
**A61M 15/08** ( 2006.01 )
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 H04W 72/12 (2009.01)  
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 C07D 233/40 (2006.01)  
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**A23L 2/02** ( 2006.01 )  
**A23L 2/56** ( 2006.01 )  
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<b>2016376837</b>	Homag Bohrsysteme GmbH	<b>2017314880</b>	Chelation Partners Incorporated
<b>2016385541</b>	Wuhan Wuda Zoyon Science and Technology Co., Ltd	<b>2017314951</b>	Dormakaba USA Inc.
<b>2016413933</b>	Eyeon Particle Sciences LLC	<b>2017314988</b>	Robert Bosch GmbH
<b>2016419993</b>	Gunawardana, M.; Seneviratne, R.A.C.H.; Het-tiarachchy, A.	<b>2017314989</b>	Robert Bosch GmbH
<b>2016421086</b>	S-Techs GmbH	<b>2017315091</b>	Pharmacotherapia D.O.O.
<b>2016421303</b>	Novo Futura IVS	<b>2017315139</b>	immatics biotechnologies GmbH
<b>2016421469</b>	Arteon, M.; Lapoule, P.	<b>2017315146</b>	Sanofi
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<b>2016422147</b>	Razer (Asia-Pacific) Pte. Ltd.	<b>2017315334</b>	Mimosa Diagnostics Inc.
<b>2016422344</b>	Glencore Technology Pty Limited	<b>2017315337</b>	Nemaska Lithium Inc.
<b>2016422890</b>	Prysmian S.p.A.	<b>2017315350</b>	OTG Experience, LLC
<b>2016422906</b>	Griffith University	<b>2017315396</b>	Crown Equipment Corporation
<b>2016423184</b>	Optimedica Corporation	<b>2017315461</b>	Crown Equipment Corporation
<b>2016423482</b>	Prysmian S.p.A.	<b>2017315462</b>	Allstate Insurance Company
<b>2016423658</b>	Outotec (Finland) Oy	<b>2017315677</b>	CHO Pharma Inc; Academia Sinica; Lin, N.
<b>2016423667</b>	Motorola Solutions, Inc.	<b>2017315762</b>	Ouster, Inc.
<b>2016423749</b>	Facebook, Inc.	<b>2017315781</b>	Prilenia Therapeutics Development Ltd.
<b>2016423756</b>	New York Air Brake, LLC	<b>2017315783</b>	Prilenia Therapeutics Development Ltd.
<b>2016423774</b>	Colgate-Palmolive Company	<b>2017315874</b>	Arthrex, Inc.
<b>2016424004</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017316089</b>	LG Electronics Inc.
<b>2016424317</b>	Huawei Technologies Co., Ltd.	<b>2017316090</b>	LG Electronics Inc.
<b>2016424629</b>	Rovi Guides, Inc.	<b>2017316091</b>	LG Electronics Inc.
<b>2016424635</b>	Kimberly-Clark Worldwide, Inc.	<b>2017316255</b>	Akeso Biopharma, Inc.
<b>2016424981</b>	The a2 Milk Company Limited	<b>2017316317</b>	Invista Textiles (U.K.) Limited
<b>2016424982</b>	Obshchestvo s Ogranichennoy Otvetstvennost'yu "Obedinennaya Kompaniya Rusal Inzhenerno-Tekhnologicheskij Tsentr"	<b>2017316604</b>	TeneoBio, Inc.
<b>2016425069</b>	Huawei Technologies Co., Ltd.	<b>2017316615</b>	Kioma, LLC
<b>2016425290</b>	Immunovaccine Technologies Inc.	<b>2017316645</b>	Fybr
<b>2016425408</b>	Kimberly-Clark Worldwide, Inc.	<b>2017316673</b>	Boston Scientific Neuromodulation Corporation
<b>2016425425</b>	Kimberly-Clark Worldwide, Inc.	<b>2017316684</b>	Boston Scientific Neuromodulation Corporation
<b>2016425829</b>	Becton, Dickinson and Company	<b>2017316706</b>	DST Innovations Limited
<b>2016425830</b>	Becton, Dickinson and Company	<b>2017316742</b>	Discuva Ltd.
<b>2016426578</b>	Thöni Industriebetriebe GmbH	<b>2017316746</b>	Ardagh MP Group Netherlands B.V.
<b>2016428464</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2017316768</b>	Serum Institute of India Private Limited; The Centers for Disease Control and Prevention (CDC)
<b>2016428606</b>	Visa International Service Association	<b>2017316965</b>	Mitsubishi Tanabe Pharma Corporation; Ube Industries, Ltd.
<b>2016429333</b>	Electrolux Appliances Aktiebolag	<b>2017316986</b>	Kim, S.
<b>2016429681</b>	Halliburton Energy Services, Inc.	<b>2017316998</b>	Australian Title Exchange Pty Ltd
<b>2016431618</b>	Landmark Graphics Corporation	<b>2017317123</b>	Shijiazhuang Sagacity New Drug Development Co., Ltd.
<b>2016432112</b>	Mitsubishi Electric Corporation	<b>2017317124</b>	Akeso Pharmaceuticals, Inc.
<b>2016433257</b>	Shenzhen Cooperation Technology Co., Ltd.	<b>2017317154</b>	Biotool, LLC; Zheng, Q.
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<b>2016434385</b>	Halliburton Energy Services, Inc.	<b>2017317452</b>	Bioverde Inc.
<b>2016434454</b>	Halliburton Energy Services, Inc.	<b>2017317554</b>	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.
<b>2017306566</b>	Opex Corporation	<b>2017317614</b>	Thales
<b>2017309819</b>	Guard It Solutions Pty Ltd	<b>2017317800</b>	Anji Borui Import And Export Trade Co., Ltd.
<b>2017311631</b>	Trevelyan Trading Ltd	<b>2017318156</b>	Parvayim Anstalt
<b>2017311695</b>	Tevel Advanced Technologies Ltd.	<b>2017318639</b>	ESAB AB
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<b>2017311697</b>	Tevel Advanced Technologies Ltd.	<b>2017318689</b>	Janssen Vaccines & Prevention B.V.; Beth Israel Deaconess Medical Center, Inc.; Henry M. Jackson Foundation For The Advancement Of Military Medicine, Inc.; The Government Of The United States, as Represented by the Secretary of the Army
<b>2017312200</b>	Blaesi, A.	<b>2017318691</b>	Ohio State Innovation Foundation
<b>2017312201</b>	Blaesi, A.	<b>2017319155</b>	Terarecon, Inc.
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<b>2017313207</b>	Regentys Corporation	<b>2017319427</b>	ESAB AB
<b>2017313346</b>	Ontracks	<b>2017319500</b>	Agios Pharmaceuticals, Inc.
<b>2017313446</b>	Fluid Transfer Technology Pty Ltd	<b>2017319702</b>	The Regents of the University of California
<b>2017313451</b>	Sanvito, D.; Sanvito, A.	<b>2017319717</b>	Universitat Bern; Gerber, K.; Gerber, N.; Weber, S.; Anso, J.; Williamson, T.
<b>2017313844</b>	Calimmune, Inc.		
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## PCT applications which have entered the National Phase - Numerical Index cont'd

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2017320475	FutureVault Inc.	2017326105	Medtronic Xomed, Inc.
2017320568	EIZO Corporation	2017326127	Essilor International
2017320734	ExxonMobil Upstream Research Company	2017326173	Baylor College of Medicine
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2017321075	Nicira, Inc.	2017326356	Assembly Biosciences, Inc.
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2017321863	Sanofi Pasteur, Inc.	2017326601	Baylor College of Medicine
2017322114	FutureVault Inc.	2017326630	The Coca-Cola Company
2017322422	The Coca-Cola Company	2017326640	Spraying Systems Co.
2017322498	Hemex Health, Inc.	2017326742	Curtin University of Technology
2017322519	BLY IP, Inc.	2017326748	Benitec Biopharma Limited
2017322581	Poly6 Technologies, Inc.	2017326763	C & T Tran Pty Ltd
2017322706	Polaris Industries Inc.	2017326764	BHP Billiton Olympic Dam Corporation Pty Ltd
2017322725	Vista Outdoor Operations LLC	2017326979	Patent Portfolio Licensing LLC
2017322733	Regents of The University of Minnesota	2017326987	Promptu Systems Corporation
2017322746	LENSAR, Inc.	2017326989	Abiomed, Inc.; Massachusetts Institute of Technology
2017323136	Kabushiki Kaisya Advance	2017327383	Viking Therapeutics, Inc.; Metabasis Therapeutics, Inc.
2017323233	Mauser-Werke GmbH	2017327384	The Jackson Laboratory
2017323379	Ronfic Co., Ltd	2017327571	EL.EN. S.p.A.
2017323451	Caterpillar Inc.	2017327604	Cybox GmbH
2017323502	Premium Genetics (UK) Ltd.	2017327712	General Electric Company
2017323534	United States Gypsum Company	2017327818	Solenis Technologies, L.P.
2017323579	Reliance Industries Limited	2017327823	Talend, Inc.
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2017323607	Bioimmunizer SA	2017328060	Revolutionary Medical Devices, Inc.
2017323867	The Institute of Digital Design Australia Pty Ltd	2017328161	Magic Leap, Inc.
2017323898	Curogene Life Sciences Co., Ltd; Soonchunhyang University Industry Academy Cooperation Foundation	2017328614	Bayer CropScience Aktiengesellschaft; Bayer Aktiengesellschaft
2017324053	Hemex Health, Inc.	2017328630	Camurus AB
2017324075	Caterpillar Inc.	2017328965	Globechek Enterprises, LLC
2017324361	USG Interiors, LLC	2017328988	Integra LifeSciences NR Ireland Limited
2017324363	Transocean Innovation Labs Ltd	2017329025	Qualyst Transporter Solutions, LLC
2017324444	PharmAkea, Inc.	2017329058	NantEnergy, Inc.
2017324445	PharmAkea, Inc.	2017329106	Aurora Labs Limited
2017324482	Targovax Oy	2017329108	Kambouris, A.
2017324510	Temple University - of the Commonwealth System of Higher Education	2017329182	Haulotte Group
2017324747	Endress+Hauser Flowtec AG	2017329208	Medela Holding AG
2017324801	Purac Biochem BV	2017329549	KBP Biosciences Co., Ltd.
2017324923	Niantic, Inc.	2017329654	Boehringer Ingelheim Vetmedica GmbH
2017324930	PharmAkea, Inc.	2017329732	West Invest S.A.
2017324934	Boston Scientific Neuromodulation Corporation	2017329799	Aarhus Universitet
2017325033	Nymox Corporation	2017329863	S.P.C.M. SA
2017325041	Shenkar Engineering Design Art	2017329869	Essilor International
2017325102	Kinetic Orthotics Pty Ltd	2017329872	Nestlé Skin Health SA
2017325110	St Vincent's Hospital Sydney Limited	2017329931	GRST International Limited
2017325120	Centro Nacional De Pesquisa Em Energia E Materiais	2017329937	Alibaba Group Holding Limited
2017325512	Zelms Pte Ltd	2017330068	Eliot Innovative Solutions S.A.S.
2017325514	GenieAgent Pte. Ltd.	2017330127	LG Electronics Inc.
2017325575	Baker Hughes, a GE Company, LLC	2017330128	LG Electronics Inc.
2017325641	Shanghai Xiangjin Biotechnology Co., Ltd	2017330165	Short, B.A.
2017325700	Massachusetts Eye and Ear Infirmary	2017330298	Cytrellis Biosystems, Inc.
2017325716	Lummus Technology Inc.	2017330301	Bracco Diagnostics Inc.
2017325847	New Rubber Technologies Holdings, Inc.	2017330304	Alveo Technologies, Inc.
2017325971	Bio-Path Holdings, Inc.	2017330307	Arm West, LLC
2017325978	Lummus Technology LLC	2017330313	CiDRA Corporate Services LLC
2017325981	Idera Pharmaceuticals, Inc.	2017330320	Colgate-Palmolive Company
2017326003	The Brigham and Women's Hospital, Inc.; Children's Medical Center Corporation	2017330321	Monsanto Technology LLC
2017326010	Polaris Industries Inc.	2017330326	CiDRA Corporate Services LLC
2017326013	Prilenia Therapeutics Development Ltd.	2017330348	Cash, A.B.
2017326021	Huawei Technologies Co., Ltd.	2017330391	Hollister Incorporated
2017326022	Huawei Technologies Co., Ltd.	2017330392	Wm. Wrigley Jr. Company
2017326029	Nanjing Chuangte Pharmaceutical Technology Co., Ltd	2017330410	J.D. Franco & Co., LLC
		2017330411	University Of Massachusetts
		2017330423	University of Southern California
		2017330430	Rhode Island Council on Postsecondary Education; Yale University

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

2017330433	Qvinci Software, LLC	2017334221	CooperVision International Holding Company, LP
2017330441	FCI Holdings Delaware, Inc.	2017334247	Colgate-Palmolive Company
2017330451	Quincy Bioscience, LLC	2017334270	Hydrus Technology Pty. Ltd.
2017330453	The Board of Trustees of the Leland Stanford Junior University	2017334465	Veolia Water Solutions & Technologies Support
2017330454	Magic Leap, Inc.	2017334471	Rosemount Inc.
2017330473	Nant Holdings IP, LLC; PacketFabric, LLC	2017334594	Rosemount Inc.
2017330483	Ohio State Innovation Foundation	2017335131	Fisher & Paykel Healthcare Limited
2017330537	Aqua Membranes LLC	2017335222	Mutabilis
2017330552	BAE Systems Information and Electronic Systems Integration Inc.	2017335450	Nippon Kayaku Kabushiki Kaisha
2017330553	BAE Systems Information and Electronics Systems Integration Inc.	2017335568	Illumina, Inc.
2017330565	University of Pittsburgh - of the Commonwealth System of Higher Education	2017335637	Smith & Nephew plc
2017330600	Imper S.p.A.	2017335648	Vertex Pharmaceuticals Incorporated
2017330612	Medacta International SA	2017335673	Sator Therapeutics LLC
2017330631	Italauto Car - Societa' A Responsabilita' Limitata	2017335678	Raytheon Company
2017330673	Hitachi Construction Machinery Co., Ltd.	2017335711	Telefonaktiebolaget LM Ericsson (publ)
2017330788	AmorePacific Corporation	2017335736	Magic Leap, Inc.
2017330867	Fujikura Ltd.	2017335746	ICU Medical, Inc.
2017331031	Atemito Pte. Ltd.	2017335756	Wright, D.
2017331062	JCM American Corporation	2017335764	Novelis Inc.
2017331090	TVA Medical, Inc.	2017335788	Zhejiang University
2017331156	Turatti S.r.l.	2017335832	Medivators Inc.
2017331279	Juul Labs, Inc.	2017335833	Medivators Inc.
2017331280	TAM International, Inc.	2017335883	The Regents of the University of California
2017331284	Magic Leap, Inc.	2017335890	The Regents of the University of California
2017331304	Y. Berger & Co. AB	2017335975	Hypothermia Devices, Inc.; The Regents of The University of California
2017331332	Domobios	2017335976	Facebook, Inc.
2017331340	Delpor, Inc.	2017335997	Wm. Wrigley Jr. Company
2017331361	Regeneron Pharmaceuticals, Inc.	2017336066	Magic Leap, Inc.
2017331363	Regeneron Pharmaceuticals, Inc.	2017336067	Vanderbilt Chemicals, LLC
2017331439	Kara Partners LLC	2017336123	JX Nippon Exploration and Development Co., Ltd.; JX Nippon Mining & Metals Corporation
2017331496	Blue Vision Labs UK Limited	2017336160	Mars, Incorporated
2017331503	Raft Enterprises Ltd.	2017336229	Heinze Gruppe Verwaltungs GmbH
2017331514	University Court Of The University Of St. Andrews	2017336269	Bavarian Nordic A/S
2017331592	Teva Pharmaceuticals International GmbH	2017336305	Smith & Nephew plc
2017331593	Teva Pharmaceuticals International GmbH	2017336310	Smith & Nephew plc
2017331802	Weston Fence Pty Limited	2017336406	Huddly Inc.
2017331811	AMOG Technologies Pty Ltd	2017336440	CohBar, Inc.
2017331813	The University of Queensland	2017336528	Novelis Inc.
2017331824	2678380 Ontario Inc.	2017336561	Novelis Inc.
2017331879	Fujikura Ltd.	2017336587	C-Ling Limited
2017331936	Assa Abloy Opening Solutions Sweden AB	2017336616	Veolia Water Solutions & Technologies Support
2017332043	Chain Biotechnology Limited	2017336687	WestRock Packaging Systems, LLC
2017332146	Avery Dennison Corporation	2017336785	Terumo Corporation
2017332158	Sharklet Technologies, Inc.; Cook Medical Technologies LLC	2017336786	Terumo Corporation
2017332169	Samsung Electronics Co., Ltd.	2017336889	Equinox Sciences, LLC
2017332260	Bracco Diagnostics Inc.	2017336917	Janssen Pharmaceutica NV
2017332261	Bracco Diagnostics Inc.	2017337009	Huawei Technologies Co., Ltd.
2017332300	ZF Friedrichshafen AG	2017337061	Amazon Technologies, Inc.
2017332367	Thorne, S.	2017337133	Washington University; Kornfeld, S.; Liu, L.; Lee, W.; Doray, B.
2017332370	Skyrise Global, LLC	2017337317	Magic Leap, Inc.
2017332452	Merus N.V.	2017337318	Kimberly-Clark Worldwide, Inc.
2017332495	AbViro LLC	2017337319	Kimberly-Clark Worldwide, Inc.
2017332638	22nd Century Limited, LLC	2017337440	Nitto Denko Corporation
2017332677	Boehringer Ingelheim Vetmedica GmbH	2017337720	Momentive Performance Materials Korea Co., Ltd
2017332710	Ingram Micro, Inc.	2017337801	RKW Agri GmbH & Co.Kg
2017332732	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2017337964	LG Electronics Inc.
2017332779	Flexible Steel Lacing Company	2017338017	Telefonaktiebolaget LM Ericsson (publ)
2017332816	Hestia Concepts Ltd.	2017338034	Telefonaktiebolaget LM Ericsson (PUBL)
2017332839	Cancer Research Technology Limited	2017338040	Telefonaktiebolaget LM Ericsson (publ)
2017332854	The Governors of the University of Alberta	2017338060	Nippon Telegraph and Telephone Corporation
2017333336	Esteve Pharmaceuticals, S.A.; Universitat Autònoma de Barcelona	2017338769	The Trustees of Columbia University in the City of New York; NY State Psychiatric Institute
2017333662	Woodstream Corporation	2017338913	Shortsave, Inc.
2017333684	FYSAM Auto Decorative	2017338922	Voltu Motor, Inc.
2017333801	Kao Corporation	2017338930	Becton, Dickinson and Company
2017333850	Sandvik Intellectual Property AB	2017338986	Wave Life Sciences Ltd.
2017333878	Suez Groupe	2017339029	Bayer Oy
		2017339103	Nuheart AS
		2017339366	Respivant Sciences GmbH

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

2017339456	Eos Biosciences, Inc.	2017350304	Janssen Vaccines & Prevention B.V.
2017339465	AK Steel Properties, Inc.	2017350552	Acclarent, Inc.
2017339542	Integrated DNA Technologies, Inc.	2017350840	Jarvis Products Corporation
2017339544	Powercast Corporation	2017350852	Trevi Therapeutics, Inc.
2017339575	Haldor Topsøe A/S; P-D Refractories GmbH	2017351056	Invuity, Inc.
2017339711	Regeneron Pharmaceuticals, Inc.	2017351183	Eli Lilly and Company
2017339844	Fisher & Paykel Healthcare Limited	2017351657	Jennewein Biotechnologie GmbH
2017339890	Zeno Royalties & Milestones, LLC	2017351688	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft; The Broad Institute, Inc.; President and Fellows of Harvard College; The General Hospital Corporation
2017339953	Becton, Dickinson and Company		
2017339955	Nutrient Recovery & Upcycling, LLC	2017351805	Fresenius Kabi Deutschland GmbH
2017339971	Zoetis Services LLC	2017352070	Combocap, Inc.
2017340020	Polarcus DMCC	2017352072	Cresno SA
2017340126	Nutramax Laboratories, Inc.	2017352081	Nova Chemicals (International) S.A.
2017340504	Acceleron Pharma, Inc.	2017352557	Merck Patent GmbH
2017340512	Medtronic Minimed, Inc.	2017353033	Huawei Technologies Co., Ltd.
2017340523	Mars, Incorporated	2017353410	miRdetect GmbH
2017340612	Lockheed Martin Energy, LLC	2017353611	Novomer, Inc.
2017340812	BASF SE	2017353765	Qualcomm Incorporated
2017340816	DSM IP Assets B.V.	2017353809	Qualcomm Incorporated
2017341000	Daiichi Sankyo Company, Limited	2017353835	Nidec Motor Corporation
2017341067	Regeneron Pharmaceuticals, Inc.	2017353918	Novomer, Inc.
2017341084	University of East Anglia	2017354041	Arrowhead Pharmaceuticals, Inc.
2017341380	Shell Internationale Research Maatschappij B.V.	2017355355	Qualcomm Incorporated
2017341387	Shell Internationale Research Maatschappij B.V.	2017355442	Balanced Body, Inc.
2017341402	Mead Johnson Nutrition Company	2017355761	Sony Corporation
2017341413	Crossject	2017356310	Medtronic Advanced Energy LLC
2017341462	Ardyne Holdings Limited	2017356713	Samsung Electronics Co., Ltd.
2017341707	Columbia Care, LLC	2017356921	Qualcomm Incorporated
2017341735	The Governors of The University Of Alberta	2017357411	Mack Rides GmbH & Co. KG
2017341823	OneMarket Network LLC	2017357785	Novartis AG
2017341825	Retrophin, Inc.	2017358251	Guangzhou Xaircraft Technology Co., Ltd
2017342028	Janssen Biotech, Inc.	2017358528	KSI Conveyor, Inc.
2017342043	Sphingotec GmbH	2017358709	Nestec SA
2017342051	Universite de Geneve	2017359773	Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.
2017342083	TES Pharma S.r.l.	2017360357	Landmark Graphics Corporation
2017342283	TeraRecon, Inc.	2017360764	Novartis AG
2017342834	Landis+Gyr Innovations, Inc.	2017361560	Detnet South Africa (Pty) Ltd
2017342900	Geomembrane Technologies Inc.	2017361990	OFB Soil Binder Pty Ltd
2017342904	PepsiCo, Inc.	2017362062	Integra LifeSciences NR Ireland Limited
2017342915	Acclarent, Inc.	2017362549	Electrolux Appliances Aktiebolag
2017343448	Laitram, L.L.C.	2017362894	Eli Lilly and Company
2017343503	Neste Oyj	2017363041	Glenmark Specialty S.A.
2017343621	Agenus Inc.	2017363528	Crown Equipment Corporation
2017343749	Chevron U.S.A. Inc.	2017363529	Crown Equipment Corporation
2017343921	Hustler Equipment Limited	2017364814	Shiseido Company, Ltd.
2017344022	Gates Corporation	2017364934	Electrolux Appliances Aktiebolag
2017344024	Sealed Air Corporation (US)	2017365074	Hilti Aktiengesellschaft
2017344355	Hilti Aktiengesellschaft	2017366311	DeLaval Holding AB
2017344489	Novartis AG	2017366450	Symbol Technologies, LLC
2017344587	Yoshino Gypsum Co., Ltd.	2017366572	Crown Equipment Corporation
2017344985	Briant, P.	2017369977	Philip Morris Products S.A.
2017345387	Enzene Biosciences Limited	2017369978	Philip Morris Products S.A.
2017345524	Claeys, S.C.; Claeys, L.L.; Claeys, N.E.	2017370476	Shenzhen Skyworth-RGB Electronic Co., Ltd.
2017345707	Emrge, LLC.	2017370545	Jarvis Products Corporation
2017345720	Chiasma, Inc.	2017371421	Haldor Topsøe A/S
2017345923	Shionogi & Co., Ltd.	2017373734	F. Hoffmann-La Roche AG
2017346327	MTU Friedrichshafen GmbH	2017374056	Zhejiang Lera New Energy Power Technology Co., Ltd.; Ningbo Shijia Cleaning Tools Co., Ltd
2017346759	Etherdyne Technologies Inc		
2017347218	Samsung Electronics Co., Ltd.	2017375687	Qingdao Primedicine Pharmaceutical Co., Ltd.
2017347300	Husqvarna AB	2017375728	Bracco Imaging SpA
2017347589	Sig Combibloc (Suzhou) Co. Ltd.	2017376111	Bigfoot Biomedical, Inc.
2017347651	ExxonMobil Research and Engineering Company	2017379159	Thule Sweden AB
2017347766	Acclarent, Inc.	2017379263	Dentsply DeTrey GmbH
2017348288	MonoSol, LLC	2017380680	Loto Safety Products DMCC
2017348344	Tate & Lyle Ingredients Americas LLC	2017382506	Halliburton Energy Services, Inc.
2017348949	Husqvarna AB	2017383061	Linde Aktiengesellschaft
2017349163	Janssen Pharmaceuticals, Inc.	2017384437	Bitdefender IPR Management Ltd
2017349644	Electrolux Appliances Aktiebolag	2017387527	BAE Systems Information and Electronic Systems Integration Inc.
2017349765	INEGI - Instituto de Engenharia Mecânica e Gestão Industrial		
2017350134	Akribes Biomedical GmbH	2017387638	Xactware Solutions, Inc.
2017350137	BioNTech RNA Pharmaceuticals GmbH	2017396686	NEC Lighting, Ltd.

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

2017396687 NEC Lighting, Ltd.  
2017403783 Taiyuan University of Technology  
2017404564 Ping An Technology (Shenzhen) Co., Ltd.  
2017420136 Wacker Chemie AG  
2017422760 Komatsu Ltd.  
2018205181 Jiangsu Hengxin Technology Co.,Ltd  
2018209932 Kedalion Therapeutics, Inc.  
2018216547 LG Electronics Inc.  
2018217877 Creo Medical Limited  
2018225115 Sugarman, J.  
2018246303 Creo Medical Limited  
2018261521 Becton, Dickinson and Company  
2018266106 Cardix Therapeutics LLC  
2018269554 University Medical Pharmaceuticals Corp.  
2018284723 Xinjiang Goldwind Science & Technology Co., Ltd.  
2018298509 Lam, C.H.T.  
2018308957 PetroChina Company Limited  
2018319217 Yoo, H.  
2018330957 Shanghai Sanyou Medical Co., Ltd.

IPC Index

<b><u>A01B 73 /-</u></b>	<b><u>A01N 1 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A43B 17 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61F 2 /-</u></b>
2017343921	2017317452	2016424981	2016421086	2017315334	2017313207
<b><u>A01C 1 /-</u></b>	<b><u>A01N 25 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A43B 7 /-</u></b>	<b><u>A61B 17 /-</u></b>	2017314852
2017335450	2017316317	2017332043	2017325102	2017313207	2017315874
2017358528	2017330321	<b><u>A23K 20 /-</u></b>	<b><u>A43C 11 /-</u></b>	2017315874	<b><u>A61F 5 /-</u></b>
<b><u>A01C 3 /-</u></b>	<b><u>A01N 27 /-</u></b>	2017358709	2017318156	2017319717	2017325102
2017342900	2017326742	<b><u>A23K 50 /-</u></b>	<b><u>A45D 34 /-</u></b>	2017330298	2017344985
<b><u>A01D 46 /-</u></b>	<b><u>A01N 3 /-</u></b>	2017336160	2018209932	2017330612	<b><u>A61F 6 /-</u></b>
2017311695	2017326742	<b><u>A23L 19 /-</u></b>	<b><u>A46B 1 /-</u></b>	2017331090	2017339029
2017311696	<b><u>A01N 37 /-</u></b>	2017326072	2017330320	2017335788	<b><u>A61F 7 /-</u></b>
2017311697	2017319783	<b><u>A23L 2 /-</u></b>	<b><u>A46D 1 /-</u></b>	2017342915	2017335975
<b><u>A01D 87 /-</u></b>	<b><u>A01N 43 /-</u></b>	2016343261	2017330320	2017345707	<b><u>A61F 9 /-</u></b>
2017343921	2017328614	2017326630	<b><u>A47F 5 /-</u></b>	2017347766	2016423184
<b><u>A01F 11 /-</u></b>	2017330321	2017329108	2017326460	2017350552	2017322746
2017342900	2017335450	2017329732	<b><u>A47G 1 /-</u></b>	2017351056	2017360764
<b><u>A01F 25 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23L 27 /-</u></b>	2017326460	2017362062	<b><u>A61J 1 /-</u></b>
2017337801	2017335450	2017330392	<b><u>A47H 13 /-</u></b>	2018330957	2017335746
<b><u>A01G 25 /-</u></b>	<b><u>A01N 57 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47J 13 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61J 15 /-</u></b>
2017326640	2017330321	2017348344	2017326460	2017326105	2017339953
<b><u>A01G 3 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47J 27 /-</u></b>	2017327571	<b><u>A61J 3 /-</u></b>
2017311697	2017319783	2017331156	2017326763	2017331090	2017352070
<b><u>A01G 7 /-</u></b>	<b><u>A01P 7 /-</u></b>	2017348344	<b><u>A47J 31 /-</u></b>	2017356310	<b><u>A61K 31 /-</u></b>
2017335450	2017328614	2017326072	<b><u>A47J 36 /-</u></b>	2017360764	2016413933
<b><u>A01K 1 /-</u></b>	2017335450	2017330451	2017326763	2018217877	2017314880
2017331031	<b><u>A22B 5 /-</u></b>	2017341402	<b><u>A47J 37 /-</u></b>	2018246303	2017315781
2017366311	2017350840	2017358709	2016421303	<b><u>A61B 3 /-</u></b>	2017315783
<b><u>A01K 3 /-</u></b>	2017370545	<b><u>A23L 5 /-</u></b>	<b><u>A47K 10 /-</u></b>	2017337317	2017316965
2017331802	2017350840	2017348344	2016425408	<b><u>A61B 34 /-</u></b>	2017317123
<b><u>A01K 61 /-</u></b>	<b><u>A23B 7 /-</u></b>	2016419993	<b><u>A47K 7 /-</u></b>	2017319717	2017317154
2016421610	2017331156	<b><u>A23N 12 /-</u></b>	2017337318	2017350552	2017319500
<b><u>A01K 67 /-</u></b>	2017335997	2017331156	2017337319	<b><u>A61B 5 /-</u></b>	2017322733
2017316604	<b><u>A23C 9 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A47L 11 /-</u></b>	2017319717	2017323593
<b><u>A01M 1 /-</u></b>	2017341402	2017369977	2017347300	2017324444	2017324444
2017331332	<b><u>A23G 3 /-</u></b>	2017369978	<b><u>A47L 9 /-</u></b>	2017331813	2017324445
2017333662	2017335997	<b><u>A41D 13 /-</u></b>	2017314640	2017340512	2017324510
<b><u>A01M 23 /-</u></b>	<b><u>A23G 4 /-</u></b>	2017344985	2017316089	2017340523	2017324510
2017333662	2017330392	<b><u>A41D 19 /-</u></b>	2017316090	2017376111	2017325033
<b><u>A01M 31 /-</u></b>	2017335997	2017331304	2017316091	<b><u>A61B 90 /-</u></b>	2017325641
2017333662			2017374056	2017325971	2017325981
				2017315334	2017326029
				2017319717	2017326072
				2017351056	2017326436
				2017360764	2017326519
				2017362062	2017326558
				<b><u>A61F 11 /-</u></b>	2017326748
				2017319717	2017327383
				2017325700	2017328630
				<b><u>A61F 13 /-</u></b>	2017329549
				2016424635	2017329799
					2017330348
					2017330451
					2017331340
					2017332043

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

2017332367	2017340504	2017335883	2017328988	<b><u>A61P 1 /-</u></b>	<b><u>A61P 3 /-</u></b>
2017332839	2017341067		2017329208		
2017335222	2017342028	<b><u>A61K 49 /-</u></b>	2017335637	2016424981	2017327383
2017335450	2017345720		2017336305	2017316965	2017329799
2017335648	2017350304	2017324930	2017336310	2017327383	
2017336889	2017351805	2017330430	2017339103	2017332043	<b><u>A61P 31 /-</u></b>
2017338769	2017357785	2017375728	2017362062		
2017338986	2018266106			<b><u>A61P 11 /-</u></b>	2017318689
2017339366		<b><u>A61K 51 /-</u></b>	<b><u>A61M 11 /-</u></b>	2017316965	2017323607
2017339456	<b><u>A61K 39 /-</u></b>		2017331279	2017339366	2017332043
2017339890		2017324930	2018209932		2017335222
2017340126	2016422906	2017330301		<b><u>A61P 13 /-</u></b>	2017341735
2017341402	2016425290	2017332260			2017359773
2017341707	2017316255	2017332261	<b><u>A61M 15 /-</u></b>	2017325033	<b><u>A61P 33 /-</u></b>
2017341825	2017316768			2017326253	
2017344489	2017317124	<b><u>A61K 6 /-</u></b>	2017328060	2017329549	2016422906
2017345923	2017317227		2017331279	2017340504	2017335450
2017350852	2017318689	2017379263	2017369977	2017341825	
2017351688	2017321039		2017369978		<b><u>A61P 35 /-</u></b>
2017352557	2017321682	<b><u>A61K 8 /-</u></b>		<b><u>A61P 17 /-</u></b>	
2017354041	2017321863		<b><u>A61M 16 /-</u></b>		2017315321
2017359773	2017324482	2016423774		2017316965	2017316255
2017363041	2017326003	2017329108	2017328060	2017326253	2017316965
2017369977	2017326173	2017330788	2017335131	2017332732	2017317124
2017369978	2017329654	2017334247	2017339844	2017350852	2017317227
2017373734	2017330423	2017337318	<b><u>A61M 25 /-</u></b>	2018225115	2017319500
2017375687	2017330565	2017337319			2017323593
2018225115	2017331363	2017340812	2016425829	<b><u>A61P 19 /-</u></b>	2017324444
2018266106	2017331592	2017340816	2016425830		2017325641
	2017331593	2017364814	2017330391	2017313844	2017325971
<b><u>A61K 33 /-</u></b>	2017332854	<b><u>A61K 9 /-</u></b>	2017330410	2017316965	2017326029
	2017336269		2017332158	2017324444	2017331361
2017323593	2017339711	2017312200	2017350552	2017340126	2017331514
2017329108	2017340504	2017312201	2018261521	2017357785	2017332043
2017330348	2017341000	2017315091	<b><u>A61M 29 /-</u></b>	<b><u>A61P 21 /-</u></b>	2017332452
	2017341735	2017315321			2017332839
<b><u>A61K 35 /-</u></b>	2017349163	2017325041	2017350552	2017316965	2017335673
		2017325981		2017326013	2017336889
2016424981	<b><u>A61K 41 /-</u></b>	2017326013	<b><u>A61M 3 /-</u></b>	2017326253	2017339890
2017313207		2017326519			2017341000
2017313844	2017319306	2017326558	2017328988	<b><u>A61P 25 /-</u></b>	2017351688
2017319306		2017328630			
2017323607	<b><u>A61K 45 /-</u></b>	2017329549	<b><u>A61M 37 /-</u></b>	2017316965	<b><u>A61P 37 /-</u></b>
2017324482		2017331340		2017326253	
2017326173	2017325981	2017332043	2018269554	2017326436	2016425290
2017332043	2017330348	2017339971		2017326519	2017316965
2017335673	2018266106	2017341067	<b><u>A61M 39 /-</u></b>	2017330348	2017317123
		2017341707		2017331340	2017317227
<b><u>A61K 36 /-</u></b>	<b><u>A61K 47 /-</u></b>	2017351805	2016425829	2017331592	2017321682
		2017352070	2017328988	2017331593	2017341735
2017326072	2016413933	2017352557	2017335746	2017373734	2017351183
2017330392	2017315321	2017363041	2017339953	2017375687	<b><u>A61P 39 /-</u></b>
2017340126	2017326253	2018225115	<b><u>A61M 5 /-</u></b>		
	2017326519	2018266106		<b><u>A61P 27 /-</u></b>	2017314880
<b><u>A61K 38 /-</u></b>	2017328630		2017330298		
	2017329549	<b><u>A61L 2 /-</u></b>	2017338930	2016413933	<b><u>A61P 43 /-</u></b>
2016424981	2017331340		2017339953	2017317154	
2017315091	2017331361	2017335832	2017340512	2017330565	2017316965
2017315677	2017336785	2017335833	2017341413		2017345923
2017319702	2017339456	<b><u>A61L 26 /-</u></b>	2017362894	<b><u>A61P 29 /-</u></b>	
2017322733	2017340504				<b><u>A61P 5 /-</u></b>
2017325033	2017341000	2017336786	<b><u>A61M 1 /-</u></b>	2017316965	
2017326234	2017349163			2017317123	2017327383
2017326253	2017351805	<b><u>A61L 27 /-</u></b>	2017316673	2017323607	
2017327384	2018266106		2017316684	2017325641	<b><u>A61P 7 /-</u></b>
2017330430		2017329872	2017324934	2017326253	2017317124
2017330451	<b><u>A61K 48 /-</u></b>	2017331503	<b><u>A61M 5 /-</u></b>	2017326519	
2017330565				2017330348	<b><u>A61P 9 /-</u></b>
2017331514	2017313844	<b><u>A61M 1 /-</u></b>	2016421086	2017332043	
2017332732	2017319702			2017340126	2017316965
2017335883	2017323898	2017323136			2017326253
2017336440	2017330411	2017326989			
2017339456	2017332677				



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

2017329799		2017352081	<b><u>B23P 11 /-</u></b>	<b><u>B27K 3 /-</u></b>	<b><u>B32B 38 /-</u></b>
2017344489	<b><u>B01D 29 /-</u></b>				
2018266106		<b><u>B01L 3 /-</u></b>	2017332779	2017317800	2017323534
<b><u>A61Q 1 /-</u></b>	2017324075				2017347589
	<b><u>B01D 3 /-</u></b>	2017323502	<b><u>B23P 17 /-</u></b>	<b><u>B28B 11 /-</u></b>	<b><u>B32B 5 /-</u></b>
2017364814		<b><u>B02B 1 /-</u></b>	2017315762	2017323534	
<b><u>A61Q 11 /-</u></b>	2017329108				2017337318
	<b><u>B01D 33 /-</u></b>	2016419993	<b><u>B23P 19 /-</u></b>	<b><u>B28B 19 /-</u></b>	2017337319
2017330392		<b><u>B02C 17 /-</u></b>	2017332779	2017323534	2017337801
2017334247	2017336616				<b><u>B32B 7 /-</u></b>
<b><u>A61Q 17 /-</u></b>	<b><u>B01D 35 /-</u></b>	2016421837	<b><u>B23Q 1 /-</u></b>	<b><u>B28B 7 /-</u></b>	
		<b><u>B03D 1 /-</u></b>	2016376837	2017323534	2017326979
2017340812	2017324075				2017330537
<b><u>A61Q 19 /-</u></b>	<b><u>B01D 46 /-</u></b>	2017331824	<b><u>B23Q 11 /-</u></b>	<b><u>B29C 48 /-</u></b>	2017337801
		<b><u>B05B 1 /-</u></b>	2016376837	2016421086	2017344022
2016423774	2017334471			2016422890	2017347218
2017337318	<b><u>B01D 5 /-</u></b>	2017326640	<b><u>B23Q 17 /-</u></b>	2017332158	2017347589
2017337319		<b><u>B05B 17 /-</u></b>	2016376837	<b><u>B29C 65 /-</u></b>	<b><u>B33Y 10 /-</u></b>
2017340816	2017420136				2017312201
<b><u>A61Q 5 /-</u></b>	<b><u>B01D 53 /-</u></b>	2018209932	<b><u>B24B 45 /-</u></b>	2017343448	<b><u>B33Y 30 /-</u></b>
		<b><u>B05D 5 /-</u></b>	2017314988	<b><u>B29C 67 /-</u></b>	2017312201
2017330788	2017320837		2017314989		
2017364814	2017352081	2017325041	<b><u>B24B 55 /-</u></b>	2017312201	<b><u>B33Y 40 /-</u></b>
<b><u>A62B 23 /-</u></b>	<b><u>B01D 63 /-</u></b>				
		<b><u>B07B 4 /-</u></b>	2017347300	<b><u>B29D 11 /-</u></b>	2017312201
2018298509	2017330537				
<b><u>A62C 2 /-</u></b>	2017339955	2017358528	<b><u>B24B 7 /-</u></b>	2016422890	<b><u>B33Y 50 /-</u></b>
	<b><u>B01D 71 /-</u></b>			2017334221	
2017365074		<b><u>B09B 1 /-</u></b>	2017347300	<b><u>B29L 31 /-</u></b>	2017312201
<b><u>A63B 21 /-</u></b>	2017352081				
	<b><u>B01D 9 /-</u></b>	2017342900	<b><u>B24D 5 /-</u></b>	2017332158	<b><u>B33Y 70 /-</u></b>
2017323379		<b><u>B21C 47 /-</u></b>			2017312201
<b><u>A63B 24 /-</u></b>	2017315337		2017314988	<b><u>B31D 5 /-</u></b>	<b><u>B33Y 80 /-</u></b>
	<b><u>B01F 7 /-</u></b>	2017336561	<b><u>B25J 11 /-</u></b>	2017344024	
2017323379		<b><u>B22F 9 /-</u></b>			2017312201
<b><u>A63B 67 /-</u></b>	2016426578	2017329106	2017314640	<b><u>B32B 1 /-</u></b>	<b><u>B42D 25 /-</u></b>
	<b><u>B01J 2 /-</u></b>	<b><u>B23B 51 /-</u></b>	2017316089	2017326979	
2017355442			2017316090		2017325514
<b><u>A63F 13 /-</u></b>	2017325041	2017314988	2017316091	<b><u>B32B 13 /-</u></b>	
	<b><u>B01J 20 /-</u></b>	<b><u>B23D 61 /-</u></b>		2017323534	<b><u>B60D 1 /-</u></b>
2016422147			2017314640	2017344587	2017321587
<b><u>A63G 21 /-</u></b>	2017320837	2017314988	2017316089	<b><u>B32B 15 /-</u></b>	<b><u>B60J 10 /-</u></b>
	<b><u>B01J 23 /-</u></b>	<b><u>B23K 10 /-</u></b>	2017316090		
2017357411			2017316091	2017326979	2017333684
<b><u>A63G 7 /-</u></b>	2017325978	2017318639	<b><u>B25J 9 /-</u></b>	2017347218	<b><u>B60L 15 /-</u></b>
	<b><u>B01J 29 /-</u></b>	<b><u>B23K 101 /-</u></b>		2017347589	
2017357411			2017314640	<b><u>B32B 17 /-</u></b>	2017338922
<b><u>B01D 1 /-</u></b>	2017325716	2017347651	2017316089		
	<b><u>B01J 47 /-</u></b>	<b><u>B23K 26 /-</u></b>	2017316090	2017347218	<b><u>B60L 50 /-</u></b>
2017329108			2017316091		
<b><u>B01D 17 /-</u></b>	2017371421	2017347651	<b><u>B26F 1 /-</u></b>	<b><u>B32B 27 /-</u></b>	2017326502
	<b><u>B01J 6 /-</u></b>			2017337440	2017338922
2017311631		<b><u>B23K 35 /-</u></b>	2017323534	2017337801	<b><u>B60N 2 /-</u></b>
<b><u>B01D 19 /-</u></b>	2016423658		<b><u>B27B 5 /-</u></b>	2017344022	
	<b><u>B01J 8 /-</u></b>	2016422344		2017347218	2017316615
2017311631		<b><u>B23K 9 /-</u></b>	2017314988	2017347589	<b><u>B60P 1 /-</u></b>
<b><u>B01D 21 /-</u></b>	2016423658		2017314989	<b><u>B32B 37 /-</u></b>	
	2017325716	2016422344	<b><u>B27D 1 /-</u></b>		2017315350
2017334270	2017325978	2017318639		2017326979	2017330631
		2017319427	2017317800		

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

<b><u>B60P 3 /-</u></b>	<b><u>B65D 25 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07C 13 /-</u></b>	2017359773	<b><u>C07F 15 /-</u></b>
2017315350	2017326763	2017323579	2017326742	<b><u>C07D 403 /-</u></b>	2017323593
2017322519		2017339575	<b><u>C07C 41 /-</u></b>	2017336889	<b><u>C07F 7 /-</u></b>
<b><u>B60Q 1 /-</u></b>	<b><u>B65D 5 /-</u></b>	2017352081	2017340812	2017351688	2017309819
2017329182	2017326763	<b><u>C01B 5 /-</u></b>	<b><u>C07C 45 /-</u></b>	2017359773	<b><u>C07F 9 /-</u></b>
2017333684	2017336687	2017329108	<b><u>C07C 45 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07F 9 /-</u></b>
	2017347589		2017371421	2017351688	2017319500
<b><u>B60R 21 /-</u></b>	<b><u>B65D 51 /-</u></b>	<b><u>C01D 7 /-</u></b>	<b><u>C07C 47 /-</u></b>	<b><u>C07D 407 /-</u></b>	<b><u>C07H 1 /-</u></b>
2017330673	2017313446	2017334465	2017371421	2017332839	2017326072
<b><u>B60R 22 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>C01F 11 /-</u></b>	<b><u>C07C 5 /-</u></b>	<b><u>C07D 409 /-</u></b>	2017348344
2017316615	2017348288	2017341735	2017383061	2017332839	<b><u>C07H 13 /-</u></b>
<b><u>B60R 9 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C01F 7 /-</u></b>	<b><u>C07C 51 /-</u></b>	<b><u>C07D 413 /-</u></b>	2017318676
2017379159	2016343261	2016423658	2017353611	2017316742	<b><u>C07H 23 /-</u></b>
	2017323233		2017383061	2017325641	2017323593
<b><u>B60T 13 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07C 53 /-</u></b>	2017332839	<b><u>C07H 3 /-</u></b>
2016423756	2017326763	2017331824	2017383061	2017351688	2017348344
<b><u>B60T 15 /-</u></b>	2017344355	2017334270		2017359773	
2016423756	<b><u>B65D 83 /-</u></b>	2017339955	<b><u>C07C 7 /-</u></b>	2017373734	
<b><u>B60T 17 /-</u></b>	2017316746	<b><u>C02F 3 /-</u></b>	2017352081	<b><u>C07D 417 /-</u></b>	<b><u>C07J 41 /-</u></b>
2016423756	<b><u>B65D 85 /-</u></b>	2017339955	2017326356	2017332839	2017323593
<b><u>B62B 7 /-</u></b>	2017330600	2017342900	2017332839	2017359773	<b><u>C07K 1 /-</u></b>
2017316615	<b><u>B65D 88 /-</u></b>	2017356310	2017315783	<b><u>C07D 471 /-</u></b>	2017345387
2017327604	2017342900	<b><u>C03C 3 /-</u></b>	2017326436		<b><u>C07K 14 /-</u></b>
<b><u>B62D 55 /-</u></b>	<b><u>B65G 1 /-</u></b>	2017356310	<b><u>C07D 213 /-</u></b>	2017317123	2017315139
2017321113	2017306566	<b><u>C03C 8 /-</u></b>	2017314880	2017326029	2017319306
2017323451		2017356310	<b><u>C07D 215 /-</u></b>	2017332839	2017321039
<b><u>B63B 27 /-</u></b>	<b><u>B65H 57 /-</u></b>	2017356310	2017325641	2017335222	2017335450
2017341380	2017331802	2017364934	<b><u>C07D 217 /-</u></b>	2017344489	2017344489
<b><u>B64C 13 /-</u></b>	<b><u>B65H 75 /-</u></b>	<b><u>C04B 14 /-</u></b>	2017338769	2017345923	2017326234
2017355761	2017348949	2017313451	<b><u>C07D 233 /-</u></b>	<b><u>C07D 487 /-</u></b>	2017327384
<b><u>B64C 39 /-</u></b>	<b><u>B66F 11 /-</u></b>	<b><u>C04B 24 /-</u></b>	2017342083	2017316965	2017330423
2017311696	2017329182	2017329863	<b><u>C07D 249 /-</u></b>	2017319500	2017330430
2017311697	<b><u>B66F 9 /-</u></b>	<b><u>C04B 26 /-</u></b>	2017340812	2017326356	2017330451
2017355761	2017315461	2017313451	2017351688	2017332839	2017333801
<b><u>B64C 99 /-</u></b>	2017343921	<b><u>C04B 35 /-</u></b>	<b><u>C07D 257 /-</u></b>	2017332839	2017336269
2017311696	<b><u>B67D 1 /-</u></b>	2017333850	2017375728	2017332839	2017336440
<b><u>B64D 25 /-</u></b>	2017316746	2017339575	<b><u>C07D 323 /-</u></b>	2017345923	2017341735
2017355761	<b><u>B67D 7 /-</u></b>	<b><u>C04B 41 /-</u></b>	2017341735	<b><u>C07D 487 /-</u></b>	2017350304
<b><u>B64D 27 /-</u></b>	2017322422	2017339575	<b><u>C07D 401 /-</u></b>	2017326356	<b><u>C07K 16 /-</u></b>
2017355761	<b><u>B82Y 5 /-</u></b>	<b><u>C07B 59 /-</u></b>	2017324444	<b><u>C07D 491 /-</u></b>	2017315146
<b><u>B65B 5 /-</u></b>	2016413933	2017335648	2017324445	<b><u>C07D 498 /-</u></b>	2017316255
2017315350	<b><u>C01B 25 /-</u></b>	<b><u>C07C 11 /-</u></b>	2017325641	2017317123	2017316604
	2017339955	2017383061	2017332839	2017332839	2017317124
			2017335648	2017345923	2017317227
			2017342051	<b><u>C07D 513 /-</u></b>	2017321039
			2017351688	2017326356	2017321682
				<b><u>C07D 519 /-</u></b>	2017324482
					2017326173
					2017330423
					2017330451
					2017333801
					2017336269
					2017336440
					2017341735
					2017350304

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

2017351183	<b><u>C08K 5/-</u></b>	<b><u>C09K 17/-</u></b>	2017317124		<b><u>D01D 1/-</u></b>
2017354041			2017322733	<b><u>C21D 8/-</u></b>	
<b><u>C07K 19/-</u></b>	2016421837	2017361990	2017325110		2016421086
	2017336067		2017326748	2017339465	
2017333801	2017340812	<b><u>C09K 3/-</u></b>	2017327384		<b><u>D01D 5/-</u></b>
	<b><u>C08L 15/-</u></b>	2017313451	2017330411	<b><u>C21D 9/-</u></b>	2016421086
<b><u>C07K 5/-</u></b>		2017323502	2017330565	2017335764	2017316317
	2016421837	2017327712	2017332043	2017336528	
2017354041			2017332495	2017339465	<b><u>D01F 1/-</u></b>
	<b><u>C08L 33/-</u></b>	<b><u>C10G 1/-</u></b>	2017332638		
<b><u>C07K 7/-</u></b>			2017333336	<b><u>C22B 1/-</u></b>	2016421086
	2017361990	2017325978	2017333801		2017316317
2017330430		2017331824	2017335883	2017331824	
2017340816	<b><u>C08L 55/-</u></b>		2017335890		<b><u>D01F 8/-</u></b>
2017345720		<b><u>C10G 11/-</u></b>	2017336269	<b><u>C22B 11/-</u></b>	
	2017325847		2017338986		2017316317
<b><u>C08B 37/-</u></b>		2017325716	2017339542	2017326764	
	<b><u>C08L 63/-</u></b>		2017354041		<b><u>D02G 3/-</u></b>
2017349163		<b><u>C10G 9/-</u></b>		<b><u>C22B 15/-</u></b>	
	2017322581		<b><u>C12N 5/-</u></b>		2017330453
<b><u>C08F 122/-</u></b>		2017352081		2017326764	
	<b><u>C08L 67/-</u></b>		2017316255		<b><u>D04H 13/-</u></b>
2017353918		<b><u>C10L 1/-</u></b>	2017317452	<b><u>C22B 3/-</u></b>	
	2016421086		2017322733		2016425425
<b><u>C08F 220/-</u></b>		2017343503	2017326234	2017326764	2017337318
	<b><u>C08L 7/-</u></b>		2017326601		2017337319
2017314880		<b><u>C10L 10/-</u></b>	2017327384	<b><u>C22B 60/-</u></b>	
	2016421837		2017333801		<b><u>D04H 17/-</u></b>
<b><u>C08F 26/-</u></b>		2017327712		2017326764	
	<b><u>C08L 9/-</u></b>		<b><u>C12N 7/-</u></b>		2016425425
2017329863		<b><u>C10L 3/-</u></b>		<b><u>C22C 1/-</u></b>	
	2016421837		2017329654		<b><u>D06F 37/-</u></b>
<b><u>C08G 18/-</u></b>		2017320837	2017330411	2016424982	
	<b><u>C09D 127/-</u></b>				2017330127
2017344022		<b><u>C10L 5/-</u></b>		<b><u>C22C 29/-</u></b>	2017330128
	2017309819		<b><u>C12N 9/-</u></b>		
<b><u>C08G 59/-</u></b>		2017327712		2017333850	<b><u>D06F 39/-</u></b>
	<b><u>C09D 133/-</u></b>		2017315677		
2017329863		<b><u>C11D 17/-</u></b>	2017327384	<b><u>C22C 38/-</u></b>	2017330127
	2017309819		2017332638		2017330128
<b><u>C08G 63/-</u></b>		2017348288	2017333336	2017339465	2017362549
	<b><u>C09D 157/-</u></b>		2017335883		
2017342051		<b><u>C11D 3/-</u></b>	2017335890	<b><u>C22F 1/-</u></b>	<b><u>D06F 58/-</u></b>
2017353611	2017309819		2017337133		
2017353918		2017335832	2017339542	2016424982	2016429333
	<b><u>C09D 183/-</u></b>	2017335833	2017351657	2017336561	2017362549
<b><u>C08G 65/-</u></b>			<b><u>C12P 19/-</u></b>		
	2017337440	<b><u>C12C 5/-</u></b>		<b><u>C23C 2/-</u></b>	<b><u>D06M 15/-</u></b>
2017340812			2017351657		
	<b><u>C09D 201/-</u></b>	2017329108		2017339465	2017344022
<b><u>C08G 75/-</u></b>			<b><u>C12P 21/-</u></b>		
	2017309819	<b><u>C12G 1/-</u></b>		<b><u>C23F 11/-</u></b>	<b><u>D21F 11/-</u></b>
2017322581	2017337440		2017315677		
		2017329108		2017329863	2016425408
<b><u>C08J 11/-</u></b>	<b><u>C09D 4/-</u></b>		<b><u>C12P 7/-</u></b>		
		<b><u>C12G 3/-</u></b>		<b><u>C25C 1/-</u></b>	<b><u>D21H 17/-</u></b>
2017325847	2017309819		2017332043		
		2017329108	2017333801	2016422344	2017318676
<b><u>C08J 3/-</u></b>	<b><u>C09D 5/-</u></b>			<b><u>C25C 7/-</u></b>	
		<b><u>C12M 1/-</u></b>	<b><u>C12Q 1/-</u></b>		<b><u>D21H 19/-</u></b>
2016421086	2017309819			2016422344	
2016421837	2017323502	2016426578	2017325110		2017318676
2017329863	2017324361	2017333878	2017330304	<b><u>C30B 29/-</u></b>	
	2017337440		2017332495		<b><u>D21H 23/-</u></b>
<b><u>C08J 5/-</u></b>		<b><u>C12N 1/-</u></b>	2017336917	2017315337	
	<b><u>C09J 175/-</u></b>		2017341084		2017318676
2017348288		2017324801	2017342028	<b><u>C30B 7/-</u></b>	<b><u>D21H 27/-</u></b>
	2017344022	2017333801	2017342051		
<b><u>C08K 3/-</u></b>		2017339971	2017350134	2017315337	2016425408
	<b><u>C09J 7/-</u></b>	2017351657	2017353410		
2016421086				<b><u>D01B 1/-</u></b>	<b><u>E02B 1/-</u></b>
2016421837	2017332146	<b><u>C12N 15/-</u></b>	<b><u>C21D 1/-</u></b>		
				2017315330	2017337440
		2017316255	2017339465		
		2017316604			

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

<b><u>E02B 17 /-</u></b>	<b><u>E04F 21 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F03D 80 /-</u></b>	<b><u>F21V 7 /-</u></b>	<b><u>F41A 19 /-</u></b>
2017336587	2017326460	2017324363 2017331280	2017336587	2017396686	2017330307
<b><u>E02B 3 /-</u></b>	<b><u>E04G 21 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F03G 6 /-</u></b>	<b><u>F21W 111 /-</u></b>	<b><u>F41A 3 /-</u></b>
2017316986	2016421469	2017324363 2017331280 2017335756	2017420136	2017396686 2017396687	2017322725
<b><u>E02D 23 /-</u></b>	<b><u>E04H 1 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F16B 31 /-</u></b>	<b><u>F21Y 105 /-</u></b>	<b><u>F41A 35 /-</u></b>
2017316986	2017332370	2016434385	2017330441	2017396687	2017322725
<b><u>E02D 25 /-</u></b>	<b><u>E04H 12 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F16F 9 /-</u></b>	<b><u>F21Y 115 /-</u></b>	<b><u>F42D 1 /-</u></b>
2017316986	2017332370	2016434454 2017311631 2017325575 2017331280 2017335756 2018308957	2017332146	2017396686 2017396687	2017361560
<b><u>E02F 3 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>E21B 44 /-</u></b>	<b><u>F16G 1 /-</u></b>	<b><u>F24B 1 /-</u></b>	<b><u>G01B 15 /-</u></b>
2017330165 2017422760	2017331802	2016429681	2017344022	2017332816	2017327818
<b><u>E02F 9 /-</u></b>	<b><u>E04H 4 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16G 3 /-</u></b>	<b><u>F24B 13 /-</u></b>	<b><u>G01B 21 /-</u></b>
2017330165 2017422760	2017342900	2016429681	2017332779	2017332816	2018284723
<b><u>E03B 3 /-</u></b>	<b><u>E05B 13 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16G 5 /-</u></b>	<b><u>F24B 5 /-</u></b>	<b><u>G01B 7 /-</u></b>
2017327950	2017331936	2016429681	2017344022	2017332816	2017327818
<b><u>E03F 1 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F16J 15 /-</u></b>	<b><u>F24C 15 /-</u></b>	<b><u>G01C 11 /-</u></b>
2017327950	2017331936	2016429681 2016431618 2016433757 2016434454 2017320734 2017341462 2017382506	2017336587	2017364934	2017311697
<b><u>E03F 5 /-</u></b>	<b><u>E05B 5 /-</u></b>	<b><u>E21D 21 /-</u></b>	<b><u>F16K 35 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G01C 21 /-</u></b>
2017342900	2017380680	2017330441	2017380680	2017326979	2017313346 2017326010 2017326987
<b><u>E04B 1 /-</u></b>	<b><u>E05B 63 /-</u></b>	<b><u>E21B 7 /-</u></b>	<b><u>F16L 5 /-</u></b>	<b><u>F24S 20 /-</u></b>	<b><u>G01C 22 /-</u></b>
2017314951	2017314951	2016429681	2017365074	2016423658	2017326979 2017352081
2017317235 2017332370 2017344587	<b><u>E05B 65 /-</u></b>	<b><u>E21D 21 /-</u></b>	<b><u>F16L 9 /-</u></b>	<b><u>F24S 40 /-</u></b>	<b><u>G01D 21 /-</u></b>
<b><u>E04B 2 /-</u></b>	<b><u>E05B 67 /-</u></b>	<b><u>F02B 21 /-</u></b>	<b><u>F21S 2 /-</u></b>	2017420136	2017321799
2017345524	2017314951 2017380680	2017330441	2017396686 2017396687	<b><u>F25D 11 /-</u></b>	<b><u>G01F 1 /-</u></b>
<b><u>E04B 5 /-</u></b>	<b><u>E05B 73 /-</u></b>	<b><u>F02B 3 /-</u></b>	<b><u>F21V 13 /-</u></b>	<b><u>F25D 17 /-</u></b>	2017314485 2017324747 2017330313 2017330326
2017336229	2017380680	2017346327	2017396687	2017314485	<b><u>G01F 15 /-</u></b>
<b><u>E04B 9 /-</u></b>	<b><u>E05B 9 /-</u></b>	<b><u>F02N 15 /-</u></b>	<b><u>F21V 19 /-</u></b>	<b><u>F25D 23 /-</u></b>	2017324747
2017326460	2017314951	2017346327	2017396687	2016432112	<b><u>G01F 25 /-</u></b>
<b><u>E04C 1 /-</u></b>	<b><u>E05C 17 /-</u></b>	<b><u>F02N 7 /-</u></b>	<b><u>F21V 23 /-</u></b>	<b><u>F25D 25 /-</u></b>	2017330313 2017330326
2017313451	2017331936	2017346327	2017351056 2017396687	2017314485	<b><u>G01H 9 /-</u></b>
<b><u>E04C 2 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>F02N 9 /-</u></b>	<b><u>F21V 29 /-</u></b>	<b><u>F25J 1 /-</u></b>	2017317614
2017317235 2017323534 2017344587	2017345524 2017347218	2017346327	2017396686	2017341387	<b><u>G01K 1 /-</u></b>
<b><u>E04C 3 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F03B 13 /-</u></b>	<b><u>F21V 3 /-</u></b>	<b><u>F28F 1 /-</u></b>	2017334594
2017325512	2016433757	2017331811	2017396686	2017352081	<b><u>G01K 7 /-</u></b>
<b><u>E04F 13 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F03D 13 /-</u></b>	<b><u>F21V 5 /-</u></b>	<b><u>F41A 17 /-</u></b>	2017334594
2017344587	2016433757 2017325575 2017341462	2017336587	2017396686	2017330307	<b><u>G01N 15 /-</u></b>
					2017330313

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

2017330326	2017382506	2017326987	<b><u>G06Q 30 /-</u></b>	<b><u>G09B 9 /-</u></b>	<b><u>H01L 29 /-</u></b>
<b><u>G01N 17 /-</u></b>	<b><u>G01V 8 /-</u></b>	<b><u>G06F 21 /-</u></b>	2017315462	2017352072	2017332300
2017327818	2017336123	2016428606	<b><u>G06Q 40 /-</u></b>	<b><u>G09C 1 /-</u></b>	<b><u>H01L 33 /-</u></b>
<b><u>G01N 21 /-</u></b>	<b><u>G02B 26 /-</u></b>	2017331439	2017316998	2017338060	2017396687
2017324053	2017325120	2017332169	2017330433	<b><u>G09F 9 /-</u></b>	<b><u>H01L 35 /-</u></b>
2017336123	<b><u>G02B 27 /-</u></b>	2017338913	<b><u>G06Q 50 /-</u></b>	2017320568	2016434385
<b><u>G01N 23 /-</u></b>	2017315762	2017384437	2016423749	<b><u>G09G 5 /-</u></b>	<b><u>H01L 41 /-</u></b>
2017322519	2017328161	<b><u>G06F 3 /-</u></b>	2017315462	2017335736	2018209932
<b><u>G01N 27 /-</u></b>	2017331284	2017313346	2017316998	<b><u>G10L 15 /-</u></b>	<b><u>H01L 51 /-</u></b>
2017322498	2017335736	2017322114	<b><u>G06T 15 /-</u></b>	2016423667	2017337720
2017330304	2017337317	2017328161	2017323867	2017326987	<b><u>H01M 10 /-</u></b>
2017403783	<b><u>G02B 6 /-</u></b>	2017329937	<b><u>G06T 19 /-</u></b>	2017328161	2017316706
<b><u>G01N 29 /-</u></b>	2016422890	2017330433	2017331284	<b><u>G10L 21 /-</u></b>	2017329931
2017327818	2017315762	2017330454	2017332169	2017317554	2017340612
2017330313	2017330867	2017331284	2017332169	<b><u>G16C 10 /-</u></b>	<b><u>H01M 16 /-</u></b>
2017330326	2017331879	2017332710	2017335736	2017319155	2017316706
<b><u>G01N 33 /-</u></b>	<b><u>G02B 7 /-</u></b>	2017335736	2017335976	<b><u>G16H 20 /-</u></b>	<b><u>H01M 2 /-</u></b>
2017316255	2017325120	2017363528	<b><u>G06T 5 /-</u></b>	2017340512	2017340612
2017317124	<b><u>G02C 7 /-</u></b>	2017363529	2017336406	<b><u>G16H 40 /-</u></b>	<b><u>H01M 4 /-</u></b>
2017321642	2017330483	2017366572	<b><u>G06T 7 /-</u></b>	2017340512	2017316706
2017322498	<b><u>G03B 15 /-</u></b>	2017331439	2016385541	<b><u>G21G 1 /-</u></b>	<b><u>H01M 6 /-</u></b>
2017324053	2017315334	2017332710	2016421610	2017330301	2017316706
2017324930	<b><u>G03B 29 /-</u></b>	2017335736	2017324923	2017332260	<b><u>H01Q 1 /-</u></b>
2017329025	2017315334	2017321075	2017331496	2017332261	2017330068
2017334471	<b><u>G03F 7 /-</u></b>	2017327823	2017335736	<b><u>G21K 1 /-</u></b>	2017330553
2017336123	2017315334	2017337061	2017387638	2017325120	2017353835
2017336160	<b><u>G03F 7 /-</u></b>	2017404564	<b><u>G07F 11 /-</u></b>	<b><u>H01B 5 /-</u></b>	2017356713
2017342043	2017335568	<b><u>G06K 15 /-</u></b>	2017342904	2017347218	<b><u>H01Q 11 /-</u></b>
2017350134	<b><u>G05B 13 /-</u></b>	2017366450	<b><u>G07F 13 /-</u></b>	<b><u>H01B 7 /-</u></b>	<b><u>H01Q 13 /-</u></b>
2017350137	2017330326	<b><u>G06K 19 /-</u></b>	2016343261	2017326502	2017330553
<b><u>G01N 35 /-</u></b>	<b><u>G05D 1 /-</u></b>	2017325514	<b><u>G07F 17 /-</u></b>	<b><u>H01G 11 /-</u></b>	<b><u>H01Q 15 /-</u></b>
2017324053	2017330068	2017330068	2017325514	2017316706	2017356713
<b><u>G01N 9 /-</u></b>	<b><u>G06K 7 /-</u></b>	2017366450	2017331062	<b><u>H01H 36 /-</u></b>	<b><u>H01Q 19 /-</u></b>
2017330313	2017315461	<b><u>G06K 9 /-</u></b>	<b><u>G07F 9 /-</u></b>	2017320568	2017353835
2017330326	2017358251	2017318691	2017342904	<b><u>H01L 21 /-</u></b>	<b><u>H01Q 3 /-</u></b>
<b><u>G01S 17 /-</u></b>	<b><u>G05D 16 /-</u></b>	2017321799	<b><u>G08B 21 /-</u></b>	2017315762	2017356713
2017336066	2017370545	2017332169	2017333662	2017332300	<b><u>H01Q 5 /-</u></b>
<b><u>G01S 19 /-</u></b>	<b><u>G06F 11 /-</u></b>	2017335736	<b><u>G08G 1 /-</u></b>	2017335568	2017356713
2017387527	2017327823	2017342283	2017322706	<b><u>H01L 23 /-</u></b>	2017356713
<b><u>G01S 5 /-</u></b>	<b><u>G06F 16 /-</u></b>	2017349765	2017330673	2017335568	<b><u>H01Q 7 /-</u></b>
2017341823	2017320475	2017366450	<b><u>G08G 5 /-</u></b>	2017320568	2017330553
<b><u>G01V 1 /-</u></b>	2017322114	<b><u>G06Q 10 /-</u></b>	2017355761	<b><u>H01L 29 /-</u></b>	2017330553
2016431618	2017328161	2017315396	<b><u>G09B 21 /-</u></b>	2017315762	2017330553
2017317614	2017330433	2017326010	2017328161	2017332300	2017330553
2017340020	2017387638	<b><u>G06Q 20 /-</u></b>	<b><u>G09B 29 /-</u></b>	2017335568	2017330553
2017343749	<b><u>G06F 17 /-</u></b>	2017331062	2017311697	2017335568	2017330553
<b><u>G01V 3 /-</u></b>	2016423667				
2017314221	2017320475				
2017360357	2017323867				

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

<b><u>H01Q 9 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04N 9 /-</u></b>
2017330553	2016428464	2017336406
2017353835	2017353809	
		<b><u>H04W 12 /-</u></b>
<b><u>H01R 13 /-</u></b>	<b><u>H04L 1 /-</u></b>	2017355355
2017326502	2017337964	
2018205181		<b><u>H04W 28 /-</u></b>
	<b><u>H04L 12 /-</u></b>	2017337009
<b><u>H01R 4 /-</u></b>	2017321075	
2017326502	2017330473	<b><u>H04W 4 /-</u></b>
	2017332710	2016423667
	2017337009	
<b><u>H02G 15 /-</u></b>	2017339544	<b><u>H04W 52 /-</u></b>
2016423482		2017342834
2017326502	<b><u>H04L 27 /-</u></b>	2017353765
	2017330552	2017356921
<b><u>H02G 3 /-</u></b>	2017337964	
2017336587	2017353033	<b><u>H04W 56 /-</u></b>
		2017342834
<b><u>H02J 1 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 64 /-</u></b>
2017329058	2017316645	2016424317
	2017321075	2017341823
<b><u>H02J 3 /-</u></b>	2017322706	
2017329058	2017330473	<b><u>H04W 68 /-</u></b>
2017340612	2017337009	2017356921
	2017338913	
	2017340523	<b><u>H04W 72 /-</u></b>
<b><u>H02J 50 /-</u></b>	2017355355	2016424004
2017346759		2017338017
	<b><u>H04L 5 /-</u></b>	2017338040
<b><u>H02J 7 /-</u></b>	2017335711	2017353765
2016433257	2017337964	
2017329058	2017338034	<b><u>H04W 76 /-</u></b>
2017340612	2017338040	2017338017
2017346759	2017353765	2017355355
		2017356921
<b><u>H02J 9 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H04W 84 /-</u></b>
2017329058	2016428606	2017322706
		2017342834
<b><u>H02K 49 /-</u></b>	<b><u>H04M 1 /-</u></b>	<b><u>H05B 6 /-</u></b>
2016433791	2017331813	2017335764
	2018319217	2017336528
		2017336561
<b><u>H02N 11 /-</u></b>	<b><u>H04M 3 /-</u></b>	2017349644
2016434385	2016423667	
		<b><u>H05K 1 /-</u></b>
<b><u>H03K 17 /-</u></b>	<b><u>H04N 19 /-</u></b>	2017335637
2017312407	2016425069	<b><u>H05K 9 /-</u></b>
		2017335637
<b><u>H03M 13 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2017326021	2016423749	<b><u>H04B 10 /-</u></b>
2017326022	2016424629	2017335678
2018216547	2017335976	
		<b><u>H04B 3 /-</u></b>
<b><u>H04B 10 /-</u></b>	<b><u>H04N 5 /-</u></b>	2017339544
2017335678	2017320568	
	2017370476	<b><u>H04N 7 /-</u></b>
<b><u>H04B 3 /-</u></b>	<b><u>H04N 7 /-</u></b>	2016424629
2017339544	2016424629	

Applications Accepted

Name Index

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(71) 3M Innovative Properties Company  
 (11) AU-B-2018200558  
 (21) 2018200558 (22) 24.01.2018  
 (54) Molded foam push-to-fit earplug, method and devices  
 (51) Int. Cl.  
*A61F 11/08* ( 2006.01 )  
 (43) 15.02.2018  
 (44) 11.04.2019  
 (62) 2015205003  
 (72) TEETERS, Kenneth F.; HAMER, Jeffrey L.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) 3M Innovative Properties Company  
 (11) AU-B-2018201530  
 (21) 2018201530 (22) 02.03.2018  
 (54) Coating process  
 (51) Int. Cl.  
*C09D 4/00* ( 2006.01 )  
 (43) 22.03.2018  
 (44) 11.04.2019  
 (62) 2015264249  
 (72) Audenaert, Frans A.; Jinks, Philip A.  
 (74) Davies Collison Cave Pty Ltd

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(71) 423079 Alberta Ltd.  
 (11) AU-B-2017203147  
 (21) 2017203147 (22) 11.05.2017  
 (54) Livestock wastewater treatment system and method  
 (51) Int. Cl.  
*C02F 11/00* ( 2006.01 )  
*C02F 1/00* ( 2006.01 )  
*C02F 1/52* ( 2006.01 )  
*C02F 1/66* ( 2006.01 )  
*C02F 9/00* ( 2006.01 )  
*C02F 11/12* ( 2006.01 )  
 (43) 01.06.2017  
 (44) 11.04.2019  
 (62) 2010244932  
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 (74) Watermark Intellectual Property Pty Ltd

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(71) China Academy of Railway Sciences;  
 Locomotive & Car Research Institute of  
 China Academy of Railway Sciences;  
 Railway Engineering Research Institute  
 of China Academy of Railway Sciences;  
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 (54) Refill head and oral care implement including the same  
 (51) Int. Cl.  
     **A46B 5/00** ( 2006.01 )  
     **A61C 17/16** ( 2006.01 )  
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 (54) Oral treatment device  
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     **A61C 19/06** ( 2006.01 )  
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 (54) Oral care compositions comprising zinc amino acid halides  
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     **A61K 8/24** ( 2006.01 )  
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     **A61K 8/44** ( 2006.01 )  
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**(71)** Colgate-Palmolive Company  
**(11)** AU-B-2016381465  
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**(54)** Striped dentifrice composition comprising zinc  
**(51)** Int. Cl.  
**A61K 8/27** ( 2006.01 )  
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**A61Q 11/00** ( 2006.01 )  
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**(54)** Apparatus and method for fastening a  
 composite pole to the ground  
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**E04H 12/22** ( 2006.01 )  
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**(71)** Concorde Asia Pte. Ltd.  
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 and method  
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**(71)** Conmed Corporation  
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**(54)** Knotless suture anchor and deployment  
 device  
**(51)** Int. Cl.  
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**(54)** Apparatus for Determining the Weight  
 of an Object  
**(51)** Int. Cl.  
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**G06Q 10/08** ( 2012.01 )  
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**(72)** Oliver, James  
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**(71)** Covidien LP  
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**(54)** Shipping member for loading unit  
**(51)** Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**B65D 77/26** ( 2006.01 )  
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**A61B 18/12** ( 2006.01 )  
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**(54)** Railway vehicle and joint connector  
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**(72)** Wang, Xiaolong  
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**(54)** Chick starting feed outlet device  
**(51)** Int. Cl.  
**A01K 5/00** ( 2006.01 )  
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 Mark, Wayne  
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**(54)** Peptide library and use thereof  
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**C12N 15/00** ( 2006.01 )  
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**C07K 14/81** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
**C12N 1/19** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )  
**C12Q 1/37** ( 2006.01 )  
**C40B 40/08** ( 2006.01 )  
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**(43)** 13.02.2014  
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**(72)** Nishimiya, Daisuke; Hashimoto, Ryuji  
**(74)** Davies Collison Cave Pty Ltd

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**(11)** AU-B-2016334796  
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**(54)** A method of manufacturing a security  
 sheet and a security sheet  
**(51)** Int. Cl.  
**B42D 25/23** ( 2014.01 )  
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 Dixon, Mark  
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 (51) Int. Cl.  
**B65G 9/00** ( 2006.01 )  
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 (54) Systems and methods for providing sensitive and specific alarms  
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**C12P 7/64** ( 2006.01 )  
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 (21) 2016248669 (22) 07.04.2016  
 (54) Sliding part  
 (51) Int. Cl.  
**F16J 15/34** ( 2006.01 )  
**C23C 16/26** ( 2006.01 )  
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**C07C 43/11** ( 2006.01 )  
**E21B 43/22** ( 2006.01 )  
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**G01F 11/00** ( 2006.01 )  
**B65D 5/76** ( 2006.01 )  
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**B01D 53/02** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2013407867 (22) 19.12.2013  
 (54) Dishwasher comprising heat pump system  
 (51) Int. Cl.  
**A47L 15/42** ( 2006.01 )  
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 (72) Dreossi, Giuseppe; Jonsson, Stefan; Kriche, Bernd; Minde, Marie  
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 (21) 2013407868 (22) 19.12.2013  
 (54) Dishwasher comprising heat pump system  
 (51) Int. Cl.  
**A47L 15/42** ( 2006.01 )  
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 (54) A method for operating a washing machine  
 (51) Int. Cl.  
**D06F 39/06** ( 2006.01 )  
**D06F 33/02** ( 2006.01 )  
**D06F 35/00** ( 2006.01 )  
**G05B 19/042** ( 2006.01 )  
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(54) System and method for automatic treatment planning  
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**A61N 5/10** ( 2006.01 )  
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(54) Injectable sustained release composition and method of using the same for treating inflammation in joints and pain associated therewith  
(51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
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(54) Modular device for dorsal protection  
(51) Int. Cl.  
**A61F 5/01** ( 2006.01 )  
**A47C 7/40** ( 2006.01 )  
**A47C 7/44** ( 2006.01 )  
**A47C 7/46** ( 2006.01 )  
**A47C 31/12** ( 2006.01 )  
**A61G 5/10** ( 2006.01 )  
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(54) Using clamping to modify scrolling  
(51) Int. Cl.  
**G06F 3/048** ( 2006.01 )

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**G06F 9/44** ( 2006.01 )  
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(54) Monolithic refractory crown and rider arches for glass furnace regenerators and glass furnace regenerators including the same  
(51) Int. Cl.  
**C03B 5/237** ( 2006.01 )  
**F27D 1/02** ( 2006.01 )  
**F27D 1/04** ( 2006.01 )  
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(51) Int. Cl.  
**A61K 31/194** ( 2006.01 )  
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**A43B 3/00** ( 2006.01 )  
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(21) 2016396813 (22) 08.12.2016  
(54) Method and device for manufacturing optical fiber ribbon  
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**G02B 6/44** ( 2006.01 )  
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**F04C 15/06** ( 2006.01 )  
**B01J 3/02** ( 2006.01 )  
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**B65G 33/26** ( 2006.01 )  
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**F04C 2/16** ( 2006.01 )  
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**B65D 21/036** ( 2006.01 )  
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**A47K 7/00** ( 2006.01 )  
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**A61K 8/49** ( 2006.01 )  
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**A61K 41/00** ( 2006.01 )  
**A61P 1/02** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )



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**A61Q 19/08** ( 2006.01 )  
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**(74)** shelley anne rowland

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**(54)** Vertical waist belt  
**(51)** Int. Cl.  
**A41F 9/00** ( 2006.01 )  
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**(43)** 24.05.2018  
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**(72)** Li, Aqiang  
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**(11)** AU-B-2015200712  
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**(54)** Protective structure  
**(51)** Int. Cl.  
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**A61K 31/27** ( 2006.01 )  
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**A01M 3/00** ( 2006.01 )  
**A01M 5/02** ( 2006.01 )  
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**H04B 11/00** ( 2006.01 )  
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**A61F 7/03** ( 2006.01 )  
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**(74)** Allens Patent & Trade Mark Attorneys

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**G06T 7/00** ( 2006.01 )  
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**(51)** Int. Cl.  
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**A61B 3/10** ( 2006.01 )  
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**(54)** Fan and air-conditioning device  
**(51)** Int. Cl.  
**F04D 29/54** ( 2006.01 )  
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**(51)** Int. Cl.  
**A23L 33/00** ( 2016.01 )  
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**H04R 25/00** ( 2006.01 )

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**(51)** Int. Cl.  
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**B32B 15/095** ( 2006.01 )  
**C08G 18/08** ( 2006.01 )  
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**C09D 175/06** ( 2006.01 )  
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**B66C 13/02** ( 2006.01 )  
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 (51) Int. Cl.  
**C02F 1/463** ( 2006.01 )  
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**A61N 1/04** ( 2006.01 )  
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**C12M 1/00** ( 2006.01 )  
**C12M 1/26** ( 2006.01 )  
**C12N 1/02** ( 2006.01 )  
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A61K 31/00 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
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**A61K 31/575** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
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**E05B 15/08** ( 2006.01 )  
**E05B 19/00** ( 2006.01 )  
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 (11) AU-B-2016201828  
 (21) 2016201828 (22) 23.03.2016  
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 (51) Int. Cl.  
     **A01K 5/01** ( 2006.01 )  
     **A01K 7/00** ( 2006.01 )  
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     **C07H 17/08** ( 2006.01 )  
     **A61P 31/04** ( 2006.01 )  
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     **C12N 15/113** ( 2010.01 )  
     **A61K 31/7088** ( 2006.01 )  
     **A61P 11/00** ( 2006.01 )  
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 (74) PIPERS

(71) Youngene Therapeutics Co., Ltd.  
 (11) AU-B-2017259388  
 (21) 2017259388 (22) 27.03.2017  
 (54) Amine solvate of sodium-glucose linked transporter inhibitor, and preparation method and application thereof  
 (51) Int. Cl.  
     **C07H 9/04** ( 2006.01 )  
     **A61K 31/7048** ( 2006.01 )

**A61P 3/00** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**C07H 1/00** ( 2006.01 )  
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 (11) AU-B-2016228704  
 (21) 2016228704 (22) 09.03.2016  
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 (74) Madderns Pty Ltd

(71) Zimmer Dental, Inc.  
 (11) AU-B-2014235703  
 (21) 2014235703 (22) 12.03.2014  
 (54) Dental implant with improved prosthetic interface  
 (51) Int. Cl.  
     **A61C 8/00** ( 2006.01 )  
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(71) Zoetis Services LLC  
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 (21) 2014354967 (22) 21.11.2014  
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     **A61K 31/14** ( 2006.01 )  
     **A61K 31/575** ( 2006.01 )  
     **A61K 31/7028** ( 2006.01 )  
     **A61K 31/704** ( 2006.01 )  
     **A61K 45/06** ( 2006.01 )  
     **A61K 47/32** ( 2006.01 )  
     **A61P 31/00** ( 2006.01 )  
     **A61P 31/04** ( 2006.01 )  
     **A61P 31/12** ( 2006.01 )  
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 (43) 04.06.2015  
 (44) 11.04.2019  
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 (74) Shelston IP Pty Ltd.

Numerical Index

<b>2010338037</b>	Trunature Limited	<b>2015221823</b>	Tyco Fire & Security GmbH
<b>2012290608</b>	HARRISBURG (B.V.I.) LIMITED	<b>2015222090</b>	Chemetall GmbH
<b>2013243378</b>	Becton, Dickinson and Company	<b>2015225952</b>	7RDD Limited
<b>2013246618</b>	Institucio Catalana de Recerca i Estudis Avancas; Fundacio Institut De Recerca Biomedica (IRB Barcelona)	<b>2015229174</b>	Indiana University Research and Technology Corporation; Assembly Biosciences, Inc.
<b>2013273242</b>	Fundacio Institut de Recerca Biomedica (IRB Barcelona); Institucio Catalana de Recerca i Estudis Avancats	<b>2015229240</b>	Retrotope, Inc.
<b>2013300549</b>	Daiichi Sankyo Company,Limited	<b>2015230676</b>	Fin Control Systems Pty Limited
<b>2013319788</b>	Yissum Reasearch Development Company of the Hebrew University Of Jerusalem Ltd.	<b>2015231053</b>	Agios Pharmaceuticals, Inc.
<b>2013346767</b>	Roche Innovation Center Copenhagen A/S	<b>2015233583</b>	Xellia Pharmaceuticals ApS
<b>2013348307</b>	Intuit Inc.	<b>2015233594</b>	Cascade Drives AB
<b>2013352248</b>	Facebook, Inc.	<b>2015238935</b>	The Boeing Company
<b>2013392029</b>	Microsoft Technology Licensing, LLC	<b>2015241338</b>	Ecolab USA Inc.
<b>2013394613</b>	Presscise AB	<b>2015243167</b>	Bally Gaming, Inc.
<b>2013407867</b>	Electrolux Appliances Aktiebolag	<b>2015243632</b>	Syngenta Participations AG
<b>2013407868</b>	Electrolux Appliances Aktiebolag	<b>2015244452</b>	Rolling Optics Innovation AB
<b>2014202792</b>	Honey Bee Manufacturing Ltd.	<b>2015245908</b>	Mimo AG
<b>2014221207</b>	JOHNSON & JOHNSON VISION CARE, INC.	<b>2015245909</b>	Mimo AG
<b>2014228504</b>	Visen Medical, Inc.	<b>2015254993</b>	Philip Morris Products S.A.
<b>2014235703</b>	Zimmer Dental, Inc.	<b>2015258766</b>	Nauti-Craft Pty Ltd
<b>2014235854</b>	Eupraxia Pharmaceuticals USA LLC	<b>2015260996</b>	Sika Technology AG
<b>2014235987</b>	Barnett, K.	<b>2015263381</b>	Orion Diagnostica Oy
<b>2014240063</b>	Beth Israel Deaconess Medical Center, Inc.	<b>2015265637</b>	IPABC Ltd
<b>2014240083</b>	Celgene Corporation	<b>2015265839</b>	SE Tylose GmbH & Co. KG; Drei Lilien PVG GmbH & Co. KG
<b>2014241668</b>	Microsoft Technology Licensing, LLC	<b>2015267245</b>	The Regents of the University of California
<b>2014248460</b>	Allergan, Inc.	<b>2015270361</b>	LPG Systems
<b>2014250983</b>	Syndevrx, Inc.	<b>2015270420</b>	Saint-Gobain Placo SAS
<b>2014251290</b>	Novartis AG	<b>2015275750</b>	Elekta AB; Elekta, Inc.
<b>2014256365</b>	Covidien LP	<b>2015280260</b>	Abel, L.
<b>2014256510</b>	Suppremol GmbH	<b>2015280388</b>	United States Gypsum Company
<b>2014259617</b>	Washington University	<b>2015283394</b>	Cheer Global Ltd.
<b>2014270173</b>	EVOM	<b>2015287660</b>	Oracle International Corporation
<b>2014274046</b>	Regeneron Pharmaceuticals, Inc.	<b>2015287691</b>	Pulnovo Medical (Wuxi) Co., Ltd.
<b>2014284101</b>	Bodyflow International Pty Ltd ACN 114 356 231	<b>2015287867</b>	The Board of Regents of The University of Texas System; Noninvasix, Inc.
<b>2014284377</b>	Cokiya, Inc.	<b>2015290027</b>	Grant, J.; Cudmore, C.
<b>2014292850</b>	Physio-Control, Inc.	<b>2015291442</b>	Nestec S.A.
<b>2014302085</b>	Rexahn Pharmaceuticals, Inc.	<b>2015307254</b>	Pioneer Hi-Bred International, Inc.
<b>2014317772</b>	Stryker Corporation	<b>2015318205</b>	Microsoft Technology Licensing, LLC
<b>2014320526</b>	Electrolux Appliances Aktiebolag	<b>2015318666</b>	iSpot.tv, Inc.
<b>2014333783</b>	QinetiQ Limited	<b>2015318669</b>	WCCO Belting, Inc.
<b>2014341911</b>	Pivot Medical, Inc.	<b>2015320113</b>	Best Blades GmbH
<b>2014354673</b>	Magic Leap, Inc.	<b>2015324650</b>	Telefonaktiebolaget LM Ericsson (publ)
<b>2014354967</b>	Zoetis Services LLC	<b>2015333580</b>	The University of Melbourne
<b>2014365743</b>	ThyssenKrupp Industrial Solutions AG	<b>2015334928</b>	SKF Marine GmbH
<b>2014371714</b>	Toray Industries, Inc.	<b>2015346313</b>	Fosbel, Inc.
<b>2014372697</b>	Anheuser-Busch Inbev SA	<b>2015348035</b>	Saint-Gobain Placo SAS
<b>2014373727</b>	Eisenberger, Peter and Chichilnisky, Graciela, Jointly	<b>2015353391</b>	Actuant Corporation
<b>2014376061</b>	Microsoft Technology Licensing, LLC	<b>2015356641</b>	Reliance Industries Limited
<b>2014405635</b>	Concorde Asia Pte. Ltd.	<b>2015380376</b>	Ojai Retinal Technology, LLC
<b>2014408515</b>	PPG Europe B.V.	<b>2015385490</b>	Huawei Technologies Co., Ltd.
<b>2015200712</b>	LightningSafe Solutions Pty Ltd; Lightning Protection International Pty Ltd	<b>2015390329</b>	Huawei Technologies Co., Ltd.
<b>2015201143</b>	Transtech Research Pty Ltd	<b>2015392675</b>	China Academy of Railway Sciences; Locomotive & Car Research Institute of China Academy of Railway Sciences; Railway Engineering Research Institute of China Academy of Railway Sciences; Beijing Zongheng Electro-Mechanical Development Co.; CR Technological Development Corporation
<b>2015202835</b>	BIOSENSE WEBSTER (ISRAEL) LTD.	<b>2015394340</b>	Halliburton Energy Services, Inc.
<b>2015204319</b>	Capstan Ag Systems, Inc.	<b>2015395543</b>	Huawei Technologies Co., Ltd.
<b>2015204584</b>	Proton Power, Inc.	<b>2015400341</b>	Halliburton Energy Services, Inc.
<b>2015206067</b>	Nokia Solutions and Networks Oy	<b>2015401243</b>	Brother Kogyo Kabushiki Kaisha
<b>2015207352</b>	The Janger Limited	<b>2015418269</b>	Honda Motor Co., Ltd.
<b>2015207982</b>	Tru Vue, Inc.	<b>2016201828</b>	Wright, J.
<b>2015208801</b>	GeoTech Technologies Ltd.	<b>2016217693</b>	Soletanche Freyssinet
<b>2015212479</b>	Kimberly-Clark Worldwide, Inc.	<b>2016219507</b>	Amsted Rail Company, Inc.
<b>2015215080</b>	ThyssenKrupp Steel Europe AG	<b>2016220965</b>	The Yokohama Rubber Co., Ltd.
<b>2015215280</b>	Fresenius Medical Care Deutschland GmbH	<b>2016222174</b>	Suzhou Zelgen Biopharmaceuticals Co., Ltd.
<b>2015216287</b>	Osaka University; The University of Tokyo		
<b>2015216615</b>	Suez Groupe		

## Applications Accepted - Numerical Index cont'd

2016224908	Royal Bank of Canada	2017225019	Kahrs, B.
2016228704	Zhou, T.	2017225089	DexCom, Inc.
2016230719	Keter Plastic Ltd.	2017228696	Apple Inc.
2016235404	CTB, Inc.	2017232225	The Arizona Board of Regents on Behalf of the University of Arizona
2016245865	The Procter & Gamble Company	2017234095	Nippon Steel & Sumitomo Metal Corporation
2016248669	Eagle Industry Co., Ltd.; NOK Corporation	2017235914	Accenture Global Solutions Limited
2016261297	Pfanner Schutzbekleidung GmbH	2017238355	IHI Corporation
2016264794	Unilever PLC	2017239483	Huawei Device Co., Ltd.
2016267560	Tyco Electronics Raychem GmbH	2017245269	Klox Technologies Inc.
2016268437	NR Electric Co., Ltd; NR Engineering Co., Ltd; NR Electric Power Electronics Co., Ltd.	2017245277	Sargent Manufacturing Company
2016272881	Pfizer Inc.	2017245301	Novartis AG
2016273215	Medigene Immunotherapies GmbH	2017245314	Interactive Intelligence, Inc.
2016277724	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED	2017245449	Pentair Water Pool and Spa, Inc.
2016297531	Illinois Tool Works Inc.	2017248489	Pentair Water Pool and Spa, Inc.
2016300320	Kawasaki Jukogyo Kabushiki Kaisha	2017249264	Dematic Logistics GmbH
2016300875	CRRC Qiqihar Rolling Stock Co., Ltd.	2017250588	CC3D LLC
2016304621	Mitsubishi Electric Corporation	2017251785	Airway Medical Innovations Pty Ltd
2016307310	Apple Inc.	2017254817	Ballem, A.
2016308258	Ecolab USA Inc.	2017256519	Unilever PLC
2016311359	Accenture Global Services Limited	2017259388	Youngene Therapeutics Co., Ltd.
2016314059	ArcelorMittal	2017261530	Magseis FF LLC
2016325487	Shell Internationale Research Maatschappij B.V.	2017265000	FUERST GROUP, INC.
2016327303	Harex Infotech Inc.	2017265185	NTT DOCOMO, INC.
2016332236	Kangpu Biopharmaceuticals, Ltd.	2017268528	Victor Equipment Company
2016334796	De La Rue International Limited	2017268590	McNeil-PPC, Inc.
2016340532	Samsung Electronics Co., Ltd.	2017272157	Depuy Mitek, LLC
2016342348	Sharp, G.	2017272283	Weatherford Technology Holdings, LLC
2016344324	PRC-DeSoto International, Inc.	2017279799	Fresenius Medical Care Holdings, Inc.
2016344416	Becton, Dickinson and Company	2017314768	Plasma Shield Pty Ltd
2016348625	Winloc AG	2017325953	Rodlivan Inc.
2016353450	USNR, LLC	2017329099	Asahi Kasei Kabushiki Kaisha
2016354772	Shandong Girou Automobile Refitting Co., Ltd	2017359003	Schenck Process Europe GmbH
2016362982	Colgate-Palmolive Company; Omron Healthcare Co., Ltd.	2017395128	Anhui University of Science and Technology
2016371015	Conmed Corporation	2018200294	Otis Elevator Company
2016371911	Visa International Service Association	2018200558	3M Innovative Properties Company
2016376403	Brother Kogyo Kabushiki Kaisha	2018201530	3M Innovative Properties Company
2016377495	Colgate-Palmolive Company	2018202004	Google LLC
2016377573	Colgate-Palmolive Company	2018202768	Apple Inc.
2016381465	Colgate-Palmolive Company	2018203577	Triblue Corporation
2016396813	Fujikura Ltd.	2018203691	Oil States Industries, Inc
2016406782	New York Air Brake, LLC	2018204618	Pepperl + Fuchs GmbH
2016408520	Li, A.	2018204682	Civitas Therapeutics, Inc.
2016415408	Shandong Luye Pharmaceutical Co., Ltd.	2018208770	Baker, M.; Baker, D.; New Zealand Trustee Services Limited
2016421117	Ontex BVBA	2018208771	Baker, M.; Baker, D.; New Zealand Trustee Services Limited
2016423172	Maggiore, L.	2018211880	Hanmi Pharm. Co., Ltd.
2017200804	DePuy Products, Inc.	2018221580	Novelis Inc.
2017201329	Outotec (Finland) Oy	2018236776	Pring, G.
2017201448	Baker, D.; Baker, M.; New Zealand Trustee Services Limited	2018264155	Wenling Jiuxin IOT Technology Co.,Ltd.
2017201763	Conweigh Innovation Pty Ltd	2018267637	HeartFlow, Inc.
2017201897	Covidien LP	2018275008	Vascular Devices Pty Ltd
2017201973	Pioneer Waste Management Holdings Pty Limited	2019200323	Haining Jinxin Bearing Co., Ltd.
2017202237	Terrafranca Jr., N.; Lu, D.; Gerasimenko, Y.; Edgerton, V.		
2017202339	Neuromonics Pty Ltd		
2017202439	Incube Labs, LLC		
2017202873	Amazon Technologies, Inc.		
2017203025	Huawei Device Co., Ltd.		
2017203147	423079 Alberta Ltd.		
2017203440	Visa U.S.A. Inc.		
2017203680	The Board of Trustees of the University of Arkansas		
2017204110	The Trustees of the University of Pennsylvania		
2017204509	Translate Bio, Inc.		
2017204582	Allergan Pharmaceuticals International Limited		
2017210573	Hewlett-Packard Development Company, L.P.		
2017212650	Magnetek, Inc.		
2017213569	Luye Pharma AG		
2017216531	DSM IP Assets B.V.		
2017219459	Comrod AS		
2017220320	Google LLC		

IPC Index

<b><u>A01D 34 /-</u></b>	2015265637	2016371015	2014317772	<b><u>A61K 47 /-</u></b>	2017202237
2015418269	<b><u>A22C 13 /-</u></b>	2017200804	<b><u>A61H 7 /-</u></b>	2014228504	<b><u>A61N 2 /-</u></b>
<b><u>A01D 57 /-</u></b>	2010338037	2017272157	2015270361	2014259617	2015216287
2014202792	<b><u>A23L 13 /-</u></b>	2018275008	<b><u>A61K 101 /-</u></b>	2014354967	<b><u>A61N 5 /-</u></b>
<b><u>A01G 17 /-</u></b>	2010338037	<b><u>A61B 18 /-</u></b>	2015283394	2015265637	2015275750
2015267245	<b><u>A23L 23 /-</u></b>	2014251290	<b><u>A61K 31 /-</u></b>	2016272881	<b><u>A61P 1 /-</u></b>
<b><u>A01G 7 /-</u></b>	2017256519	2015287691	2013319788	2015283394	2016222174
2015267245	<b><u>A23L 33 /-</u></b>	2017201897	2014235854	<b><u>A61K 8 /-</u></b>	2017225019
<b><u>A01G 9 /-</u></b>	2015291442	<b><u>A61B 3 /-</u></b>	2014256510	2016377573	2017245269
2015290027	<b><u>A24F 47 /-</u></b>	2015245909	2014302085	2016381465	<b><u>A61P 11 /-</u></b>
<b><u>A01H 4 /-</u></b>	2015254993	<b><u>A61B 34 /-</u></b>	2014354967	2017245269	2013319788
2015307254	<b><u>A41F 9 /-</u></b>	2014284377	2015215280	<b><u>A61K 9 /-</u></b>	<b><u>A61P 13 /-</u></b>
<b><u>A01K 39 /-</u></b>	2016408520	<b><u>A61B 5 /-</u></b>	2015229174	2012290608	2017259388
2016235404	<b><u>A42B 3 /-</u></b>	2015202835	2015231053	2014235854	<b><u>A61P 17 /-</u></b>
<b><u>A01K 5 /-</u></b>	2016261297	2015216287	2015265637	2014248460	2017204582
2016201828	<b><u>A43B 23 /-</u></b>	2015263381	2015283394	2014256510	2017225019
2016235404	2017265000	2015287867	2015291442	2014259617	2017245269
<b><u>A01K 61 /-</u></b>	<b><u>A43B 3 /-</u></b>	2017202339	2016222174	2014302085	<b><u>A61P 21 /-</u></b>
2018208770	2017265000	2017225089	2016245865	2015215280	2017225019
2018208771	<b><u>A43B 5 /-</u></b>	2018267637	2016272881	2015265637	<b><u>A61P 25 /-</u></b>
<b><u>A01K 7 /-</u></b>	2016362982	<b><u>A61C 17 /-</u></b>	2017203680	2016272881	2016415408
2016201828	<b><u>A43B 3 /-</u></b>	2016362982	2017204509	2017213569	2017259388
<b><u>A01K 7 /-</u></b>	2017265000	<b><u>A61C 19 /-</u></b>	2017213569	<b><u>A61L 15 /-</u></b>	<b><u>A61P 27 /-</u></b>
2016201828	<b><u>A46B 5 /-</u></b>	2016377495	2017225019	2012290608	2017259388
<b><u>A01M 27 /-</u></b>	2016362982	<b><u>A61C 8 /-</u></b>	2017245301	<b><u>A61L 9 /-</u></b>	<b><u>A61P 29 /-</u></b>
2016423172	<b><u>A47C 31 /-</u></b>	2014235703	2017259388	2015216615	2014256510
<b><u>A01M 3 /-</u></b>	2014270173	<b><u>A61D 9 /-</u></b>	2018211880	<b><u>A61M 1 /-</u></b>	2016222174
2016423172	<b><u>A47C 7 /-</u></b>	2014235987	<b><u>A61K 33 /-</u></b>	2015216615	2017245269
<b><u>A01M 5 /-</u></b>	2014270173	2018200558	2015283394	<b><u>A61M 9 /-</u></b>	<b><u>A61P 3 /-</u></b>
2016423172	<b><u>A47F 5 /-</u></b>	<b><u>A61F 11 /-</u></b>	2015291442	2015215280	2016222174
<b><u>A01M 5 /-</u></b>	2015207352	2018200558	<b><u>A61K 35 /-</u></b>	<b><u>A61M 15 /-</u></b>	2017245269
2016423172	<b><u>A47K 7 /-</u></b>	<b><u>A61F 13 /-</u></b>	2014240083	2018204682	<b><u>A61M 16 /-</u></b>
<b><u>A01M 7 /-</u></b>	2015212479	2012290608	<b><u>A61K 38 /-</u></b>	2017251785	<b><u>A61M 25 /-</u></b>
2015204319	<b><u>A47L 15 /-</u></b>	2013394613	2014240063	<b><u>A61M 25 /-</u></b>	2016222174
<b><u>A01N 25 /-</u></b>	2013407867	2016421117	2014256510	2016344416	2017259388
2015229240	2013407868	<b><u>A61F 5 /-</u></b>	2014259617	<b><u>A61M 31 /-</u></b>	<b><u>A61P 31 /-</u></b>
<b><u>A01N 3 /-</u></b>	2016297531	2014270173	2015265637	2017204509	2014354967
2015267245	<b><u>A61B 1 /-</u></b>	<b><u>A61F 7 /-</u></b>	2015283394	2017204582	2015233583
2015307254	2015202835	2017268590	2017204509	<b><u>A61K 39 /-</u></b>	2016222174
<b><u>A01N 43 /-</u></b>	2017251785	<b><u>A61F 9 /-</u></b>	2017204582	2014274046	<b><u>A61P 35 /-</u></b>
2015229174	<b><u>A61B 17 /-</u></b>	2015380376	<b><u>A61K 41 /-</u></b>	2017204110	2014240083
2015231053	2014256365	<b><u>A61G 5 /-</u></b>	2017245269	<b><u>A61M 37 /-</u></b>	2014302085
2015243632	2014341911	<b><u>A61G 7 /-</u></b>	<b><u>A61K 45 /-</u></b>	2017202439	2015283394
			2014354967	<b><u>A61M 5 /-</u></b>	2016222174
			2016332236	2017202439	2016332236
			2017225019	<b><u>A61N 1 /-</u></b>	2017245301
				2014284101	<b><u>A61P 37 /-</u></b>
				2014292850	2014256510
				2015287691	2014354967

Applications Accepted - IPC Index cont'd

2016222174	<b><u>B02C 4 /-</u></b>	<b><u>B32B 15 /-</u></b>	2015230676	<b><u>B67D 1 /-</u></b>	2016325487
<b><u>A61P 5 /-</u></b>	2014365743	2017234095	<b><u>B63B 39 /-</u></b>	2014372697	<b><u>C07D 213 /-</u></b>
2017225019	<b><u>B03C 3 /-</u></b>	<b><u>B32B 5 /-</u></b>	2015258766	<b><u>B82Y 5 /-</u></b>	2015243632
<b><u>A61P 7 /-</u></b>	2017314768	2015318669	2015334928	2014259617	<b><u>C07D 333 /-</u></b>
2014259617	<b><u>B05B 12 /-</u></b>	2015348035	<b><u>B63G 13 /-</u></b>	<b><u>C01B 39 /-</u></b>	2016415408
2015283394	2015204319	<b><u>B41J 2 /-</u></b>	2014405635	2017329099	<b><u>C07D 403 /-</u></b>
<b><u>A61P 9 /-</u></b>	<b><u>B05B 9 /-</u></b>	2015401243	<b><u>B64C 13 /-</u></b>	<b><u>C02F 1 /-</u></b>	2015231053
2014274046	2015204319	<b><u>B42D 25 /-</u></b>	2017238355	2015216615	2018211880
2016222174	<b><u>B05D 1 /-</u></b>	2016334796	<b><u>B64C 27 /-</u></b>	2015356641	<b><u>C07D 407 /-</u></b>
2017259388	2015222090	<b><u>B44F 1 /-</u></b>	2017238355	2017201329	2014250983
<b><u>A61Q 11 /-</u></b>	2015222090	2015244452	<b><u>B64C 29 /-</u></b>	2017203147	<b><u>C07D 498 /-</u></b>
2016377573	<b><u>B05D 3 /-</u></b>	<b><u>B60C 11 /-</u></b>	2017238355	<b><u>C02F 101 /-</u></b>	2015229174
2016381465	2015222090	2016220965	<b><u>B64D 47 /-</u></b>	2017201329	<b><u>C07F 7 /-</u></b>
<b><u>A61Q 19 /-</u></b>	<b><u>B05D 7 /-</u></b>	<b><u>B60D 1 /-</u></b>	2015238935	2017201329	2014228504
2017204582	2015222090	2015353391	<b><u>B65D 21 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C07H 1 /-</u></b>
2017245269	<b><u>B08B 3 /-</u></b>	<b><u>B60J 5 /-</u></b>	2016230719	2017203147	2017259388
<b><u>A63F 1 /-</u></b>	2016314059	2015201143	<b><u>B65D 5 /-</u></b>	<b><u>C02F 9 /-</u></b>	<b><u>C07H 17 /-</u></b>
2015243167	<b><u>B22D 37 /-</u></b>	<b><u>B60L 53 /-</u></b>	2016308258	2017201329	2015233583
<b><u>B01D 21 /-</u></b>	2017395128	2019200323	<b><u>B65D 77 /-</u></b>	2017203147	<b><u>C07H 9 /-</u></b>
2016314059	<b><u>B23K 9 /-</u></b>	<b><u>B60P 1 /-</u></b>	2014256365	<b><u>C03B 5 /-</u></b>	2017259388
<b><u>B01D 53 /-</u></b>	2017268528	2016354772	<b><u>B65D 81 /-</u></b>	2015346313	<b><u>C07J 9 /-</u></b>
2014373727	<b><u>B25F 5 /-</u></b>	<b><u>B61G 5 /-</u></b>	2014256365	<b><u>C03C 17 /-</u></b>	2016222174
<b><u>B01D 63 /-</u></b>	2015225952	2016300875	<b><u>B65G 15 /-</u></b>	2015207982	<b><u>C07K 1 /-</u></b>
2014371714	<b><u>B25J 5 /-</u></b>	<b><u>B61H 13 /-</u></b>	2015318669	<b><u>C04B 28 /-</u></b>	2014240083
<b><u>B01D 67 /-</u></b>	2017395128	2016219507	<b><u>B65G 33 /-</u></b>	2015260996	2014240083
2018203577	<b><u>B28C 5 /-</u></b>	<b><u>B61L 15 /-</u></b>	2015270420	2015348035	<b><u>C07K 14 /-</u></b>
<b><u>B01D 69 /-</u></b>	2015270420	2016406782	<b><u>C04B 38 /-</u></b>	2015207982	2013300549
2018203577	<b><u>B29B 15 /-</u></b>	<b><u>B61L 25 /-</u></b>	2015270420	<b><u>C04B 40 /-</u></b>	2015283394
<b><u>B01F 5 /-</u></b>	2017250588	2016406782	2015270420	2015260996	<b><u>C07K 16 /-</u></b>
2015270420	<b><u>B29C 33 /-</u></b>	<b><u>B61L 27 /-</u></b>	<b><u>C04B 40 /-</u></b>	2015260996	2014274046
<b><u>B01J 3 /-</u></b>	2015287660	2016406782	2015260996	<b><u>C05F 17 /-</u></b>	2016273215
2016300320	<b><u>B29C 35 /-</u></b>	<b><u>B62D 33 /-</u></b>	2015290027	2015290027	<b><u>C07K 2 /-</u></b>
<b><u>B01J 4 /-</u></b>	2017250588	2015201143	<b><u>C07C 1 /-</u></b>	2016325487	2014250983
2016300320	<b><u>B29C 37 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>C07C 4 /-</u></b>	2016325487	<b><u>C07K 7 /-</u></b>
<b><u>B01L 3 /-</u></b>	2017250588	2015258766	2016325487	2016325487	2013300549
2015263381	<b><u>B29C 67 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>C07C 43 /-</u></b>	2015241338	2014228504
<b><u>B02C 23 /-</u></b>	2017250588	2017201448	2015241338	2018203691	2014250983
2017201973	<b><u>B29C 70 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>C07C 9 /-</u></b>	2014405635	2014250983
<b><u>B02C 25 /-</u></b>	2017250588	2014405635	<b><u>C08F 22 /-</u></b>		2014250983
2017201973			<b><u>C08F 8 /-</u></b>		2018203577
			<b><u>C08G 18 /-</u></b>		

Applications Accepted - IPC Index cont'd

2017234095	<b><u>C11B 3 /-</u></b>	2015333580	<b><u>E05B 19 /-</u></b>	2016248669	2015263381
<b><u>C08G 65 /-</u></b>	2015265839	<b><u>C30B 29 /-</u></b>	2016348625	<b><u>F16C 33 /-</u></b>	<b><u>G01N 33 /-</u></b>
2016344324	<b><u>C11D 1 /-</u></b>	2015333580	<b><u>E05B 27 /-</u></b>	2016248669	2013243378
<b><u>C08G 75 /-</u></b>	2016264794	<b><u>C40B 40 /-</u></b>	2016348625	<b><u>F16D 11 /-</u></b>	2013246618
2016344324	<b><u>C11D 3 /-</u></b>	2013300549	<b><u>E05B 65 /-</u></b>	2016277724	2013273242
<b><u>C08G 77 /-</u></b>	2016264794	<b><u>D04B 21 /-</u></b>	2017245277	<b><u>F16F 3 /-</u></b>	2015283394
2015207982	<b><u>C12M 1 /-</u></b>	2010338037	<b><u>E05D 11 /-</u></b>	2018203691	<b><u>G01T 1 /-</u></b>
<b><u>C08J 5 /-</u></b>	2013243378	2013394613	2014241668	<b><u>F16H 19 /-</u></b>	2014284377
2018203577	2015356641	<b><u>D06F 33 /-</u></b>	<b><u>E21B 17 /-</u></b>	2015233594	<b><u>G02B 1 /-</u></b>
<b><u>C08J 7 /-</u></b>	<b><u>C12N 1 /-</u></b>	2014320526	2015400341	<b><u>F16H 7 /-</u></b>	2014221207
2016344324	2013300549	<b><u>D06F 35 /-</u></b>	<b><u>E21B 23 /-</u></b>	2016353450	2016342348
2018203577	2015356641	2014320526	2015400341	<b><u>F16J 15 /-</u></b>	<b><u>G02B 19 /-</u></b>
<b><u>C08K 3 /-</u></b>	<b><u>C12N 13 /-</u></b>	<b><u>D06F 39 /-</u></b>	2017272283	<b><u>F16L 55 /-</u></b>	2017325953
2015318669	2015356641	2014320526	<b><u>E21B 34 /-</u></b>	2016248669	2015244452
<b><u>C08L 71 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>E01C 5 /-</u></b>	2015400341	<b><u>F16L 57 /-</u></b>	2017232225
2014228504	2013300549	2016228704	<b><u>E21B 43 /-</u></b>	2017254817	<b><u>G02B 5 /-</u></b>
<b><u>C08L 81 /-</u></b>	2013319788	<b><u>E02D 13 /-</u></b>	2015241338	<b><u>F16L 57 /-</u></b>	2016342348
2016344324	2013346767	<b><u>E02D 17 /-</u></b>	2015394340	2018221580	<b><u>G02B 6 /-</u></b>
<b><u>C09D 175 /-</u></b>	<b><u>C12N 5 /-</u></b>	2016217693	<b><u>F03B 13 /-</u></b>	<b><u>F16M 13 /-</u></b>	2016396813
2017234095	2013300549	<b><u>E02D 17 /-</u></b>	2015233594	2014241668	2017325953
<b><u>C09D 183 /-</u></b>	2015307254	2015208801	<b><u>F03D 1 /-</u></b>	<b><u>F21S 11 /-</u></b>	<b><u>G02C 7 /-</u></b>
2015207982	<b><u>C12P 21 /-</u></b>	<b><u>E02D 27 /-</u></b>	2015320113	2017325953	2014221207
<b><u>C09D 201 /-</u></b>	2017216531	2017219459	<b><u>F03D 7 /-</u></b>	<b><u>F24F 1 /-</u></b>	<b><u>G03G 15 /-</u></b>
2014408515	<b><u>C12Q 1 /-</u></b>	2017201448	2015320113	2016340532	2016376403
<b><u>C09D 4 /-</u></b>	2013243378	<b><u>E02D 9 /-</u></b>	<b><u>F04C 13 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G03G 21 /-</u></b>
2018201530	2013246618	2016217693	2016300320	2016340532	2016376403
<b><u>C09D 5 /-</u></b>	2013273242	<b><u>E04B 2 /-</u></b>	<b><u>F04C 15 /-</u></b>	<b><u>F27D 1 /-</u></b>	<b><u>G04G 21 /-</u></b>
2015222090	2013300549	2018236776	2016300320	2015346313	2017228696
2017234095	2015307254	<b><u>E04C 2 /-</u></b>	<b><u>F04C 2 /-</u></b>	<b><u>F41B 11 /-</u></b>	<b><u>G05B 19 /-</u></b>
<b><u>C09K 11 /-</u></b>	<b><u>C21D 9 /-</u></b>	2015348035	2016300320	2016423172	2014320526
2017245269	2015215080	<b><u>E04F 21 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>G01F 11 /-</u></b>	<b><u>G05B 23 /-</u></b>
<b><u>C09K 8 /-</u></b>	<b><u>C22B 1 /-</u></b>	2015280388	2016304621	2016308258	2017359003
2015241338	2016314059	<b><u>E04H 12 /-</u></b>	<b><u>F15B 21 /-</u></b>	<b><u>G01G 19 /-</u></b>	<b><u>G05F 1 /-</u></b>
2015394340	2015215080	2017219459	2015280260	2017201763	2018202768
<b><u>C10G 1 /-</u></b>	<b><u>C23C 16 /-</u></b>	<b><u>E04H 4 /-</u></b>	<b><u>F16B 1 /-</u></b>	<b><u>G01L 5 /-</u></b>	<b><u>G06F 1 /-</u></b>
2015204584	2015333580	2017245449	2015280260	2015392675	2014241668
2016325487	2016248669	2017248489	<b><u>F16B 7 /-</u></b>	2015392675	<b><u>G06F 13 /-</u></b>
<b><u>C11B 1 /-</u></b>	<b><u>C23G 3 /-</u></b>	<b><u>E05B 15 /-</u></b>	2015280260	2015392675	2016311359
2015265839	2016314059	2016348625	<b><u>F16C 17 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G06F 15 /-</u></b>
2017216531	<b><u>C30B 25 /-</u></b>				2017279799



Applications Accepted - IPC Index cont'd

<b><u>G06F 21 /-</u></b>	2017210573	<b><u>H04M 1 /-</u></b>
2016327303	<b><u>G16B 99 /-</u></b>	2017239483
2017279799	2018267637	2017245314
<b><u>G06F 3 /-</u></b>	<b><u>H01B 7 /-</u></b>	<b><u>H04M 9 /-</u></b>
2013352248	2015200712	2017245314
2013392029	<b><u>H01L 27 /-</u></b>	<b><u>H04N 19 /-</u></b>
2017203025	2015318205	2014376061
2017228696	<b><u>H01M 16 /-</u></b>	<b><u>H04N 21 /-</u></b>
<b><u>G06F 9 /-</u></b>	2018264155	2015318666
2013348307	<b><u>H01M 2 /-</u></b>	2016311359
2013352248	2015225952	2018202004
2013392029	2018264155	<b><u>H04N 5 /-</u></b>
2017203025	<b><u>H01Q 17 /-</u></b>	2015318205
<b><u>G06G 1 /-</u></b>	2014333783	<b><u>H04N 7 /-</u></b>
2017202873	<b><u>H01R 11 /-</u></b>	<b><u>H04R 25 /-</u></b>
<b><u>G06K 19 /-</u></b>	2016267560	2017202339
2015244452	<b><u>H01R 13 /-</u></b>	<b><u>H04S 3 /-</u></b>
<b><u>G06Q 10 /-</u></b>	2018204618	2017220320
2017201763	<b><u>H01R 4 /-</u></b>	<b><u>H04W 12 /-</u></b>
<b><u>G06Q 20 /-</u></b>	2016267560	2016327303
2016371911	<b><u>H01T 4 /-</u></b>	2017203440
2017203440	2018204618	<b><u>H04W 24 /-</u></b>
<b><u>G06Q 40 /-</u></b>	<b><u>H02G 3 /-</u></b>	2015206067
2016224908	2015238935	2017235914
2016371911	<b><u>H02J 7 /-</u></b>	<b><u>H04W 36 /-</u></b>
<b><u>G06Q 50 /-</u></b>	2018202768	2015206067
2017235914	<b><u>H02M 1 /-</u></b>	<b><u>H04W 52 /-</u></b>
<b><u>G06T 7 /-</u></b>	2016268437	2015324650
2015245908	<b><u>H02M 7 /-</u></b>	<b><u>H04W 72 /-</u></b>
2015245909	2016268437	2015395543
<b><u>G08B 29 /-</u></b>	<b><u>H04B 11 /-</u></b>	<b><u>H04W 76 /-</u></b>
2015221823	2017261530	2015390329
<b><u>G09F 19 /-</u></b>	<b><u>H04J 14 /-</u></b>	<b><u>H04W 8 /-</u></b>
2015244452	2014354673	2016307310
<b><u>G09F 3 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H05H 1 /-</u></b>
2015244452	2016224908	2017314768
<b><u>G09G 5 /-</u></b>	2017235914	<b><u>H05K 9 /-</u></b>
2013392029	<b><u>H04L 9 /-</u></b>	2014333783
<b><u>G10L 19 /-</u></b>	2016327303	
2015385490		
<b><u>G11B 7 /-</u></b>		
2015287660		
<b><u>G11C 16 /-</u></b>		

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*G06F 3/033* ( 2013.01 )  
*H04B 5/00* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2018101600 (22) 25.10.2018  
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*A47C 31/00* ( 2006.01 )  
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*B01J 23/745* ( 2006.01 )  
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**2018101068** Moon, J.  
**2018101452** Apple Inc.  
**2018101600** Cardenas, N.  
**2018101788** Hazer Group Ltd

IPC Index

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**B01J 23 /-**

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**B65D 5 /-**

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**Patents Granted**

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2012326651	2012362524	2012385479	2013201725
2013202351	2013226224	2013240364	2013252495
2013258849	2013270560	2013273953	2013288269
2013308905	2013310979	2013312455	2013324023
2013337651	2013343577	2013349669	2013351147
2013351292	2013380233	2013381016	2013382361
2013384879	2013400841	2013401464	2014201412
2014201413	2014201465	2014203701	2014207245
2014207342	2014208197	2014208903	2014218730
2014219048	2014219382	2014220668	2014223348
2014224205	2014224219	2014225493	2014227463
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2014268211	2014268746	2014271234	2014271302
2014273077	2014273284	2014274717	2014277079
2014277300	2014277360	2014290685	2014293362
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2014337291	2014337314	2014337552	2014341899
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2015342815	2015352498	2015353118	2015353312
2015357161	2015363613	2015366414	2015366478
2015366481	2015367705	2015367707	2015372506
2015373431	2015374401	2015375450	2015376309
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2019100227	2019100229	2019100231	2019100233
2019100236	2019100237		

**Assignments Registered**

2000028479	Diabetes Diagnostics Inc.	The patent has been assigned to <b>LifeScan Scotland Limited</b>
2000040706	THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY	The patent has been assigned to <b>Financial &amp; Risk Organisation Limited</b>
2000050348	THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY	The patent has been assigned to <b>Financial &amp; Risk Organisation Limited</b>
2003204501	Diabetes Diagnostics, Inc.	The patent has been assigned to <b>LifeScan Scotland Limited</b>
2004212582	Diabetes Diagnostics, Inc.	The patent has been assigned to <b>LifeScan Scotland Limited</b>
2004214556	Lucent Technologies Inc.	The patent has been assigned to <b>Provenance Asset Group LLC</b>
2004214560	Lucent Technologies Inc.	The patent has been assigned to <b>Provenance Asset Group LLC</b>
2007215477	Lucent Technologies Inc.	The patent has been assigned to <b>Provenance Asset Group LLC</b>
2007238116	Thomson Reuters Global Resources Unlimited Company	The patent has been assigned to <b>Financial &amp; Risk Organisation Limited</b>
2007261551	Lucent Technologies Inc.	The patent has been assigned to <b>Provenance Asset Group LLC</b>

**Assignments Registered**

2007297617 THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY The patent has been assigned to **Financial & Risk Organisation Limited**

2007322099 Lucent Technologies, Inc. The patent has been assigned to **Lucent Technologies, Inc.; Provenance Asset Group LLC**

2008215077 Centre De Recherche Sur Les Biotechnologies Marines The patent has been assigned to **SCF PHARMA INC.**

2008229604 Centre De Recherche Sur Les Biotechnologies Marines The patent has been assigned to **SCF PHARMA INC.**

2008299883 Intellectual Ventures Holding 67 LLC The patent has been assigned to **Facebook, Inc.**

2009236665 Alcatel-Lucent USA Inc. The patent has been assigned to **Provenance Asset Group LLC**

2009352678 Novelon Therapeutics Inc. The patent has been assigned to **Retinagenix, LLC**

2010213677 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Financial & Risk Organisation Limited**

2010310836 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Financial & Risk Organisation Limited**

2011244024 Novelon Therapeutics Inc. The patent has been assigned to **Retinagenix, LLC**

2011270934 Genesis Fracture Care, Inc. The patent has been assigned to **Zimmer, Inc**

2011380598 Aratana Therapeutics NV The patent has been assigned to **Aratana Therapeutics, Inc.**

2012342119 Willingham, John The patent has been assigned to **Power Flo LLC**

2012366932 ARATANA THERAPEUTICS NV The patent has been assigned to **Aratana Therapeutics, Inc.**

2013260240 Aktec Development Limited The patent has been assigned to **Gaia Holding AB**

2013273463 Gestamp Hybrid Towers, S.L. The patent has been assigned to **IconKrete 2012, S.L.**

2014210879 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Financial & Risk Organisation Limited**

2014265031 Genesis Fracture Care, Inc. The patent has been assigned to **Zimmer, Inc**

2014317813 TermX Replenishment System Pty Ltd The patent has been assigned to **Garrards Pty Ltd**

2015249157 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Financial & Risk Organisation Limited**

2015275083 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Financial & Risk Organisation Limited**

2016203422 Genesis Fracture Care, Inc. The patent has been assigned to **Zimmer, Inc**

**Assignments Registered**

2016203909 FARMCORP WOOLS LIMITED The patent has been assigned to **Wool Research Organisation of New Zealand Incorporated**

2016271116 Thomson Reuters Global Resources Unlimited Company The patent has been assigned to **Financial & Risk Organisation Limited**

**Discharge of a Mortgage**

2010359925 Discharge of a Mortgage was made in the Register on 16.05.2018 .

2012341129 Discharge of a Mortgage was made in the Register on 16.05.2018 .

**Corrigenda**

In Vol 33 , No 13 , Page(s) 1784 under the heading **Amendments - Application for Amendments** Under the name Isomer, Inc., Application No. 2017289602 correct the date of the statements filed to read 04 Feb 2019 and 07 Mar 2019

**Specifications Republished**

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

2014328486 **Sequibrer Pty Ltd**  
2016289385 **Nautilus Capital Corporation**

## Advertisement

### Application to Amend Australian Patent No. 2006200845

#### Proceedings

Zetco Valves Pty Ltd intends to apply to amend Australian Patent No. 2006200845 ('**845 Patent**) in relation to Federal Court Proceedings No. NSD 2175 of 2018 – Zetco Valves Pty Ltd (ACN 084 301 986) v Elson Australasia Pty Ltd (ACN 059 613 991) (**Proceedings**).

#### Particulars of Amendments Sought

Zetco Valves Pty Ltd intends to apply to amend the complete specification of the '845 Patent by adding the underlined claims as set out in **Annexure A**.

#### Applicant's Address For Service

Zetco Valves Pty Ltd's address for service is:

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Barrack Place  
151 Clarence Street  
Sydney NSW 2000

#### Opposition to Application

A person intending to oppose the amendment application who is not a party to the Proceedings must, within 28 days after publication of this advertisement, give written notice of that intention to the Commissioner and each party to the Proceedings.

COMMONWEALTH OF AUSTRALIA

*The Patents Act 1990*

IN THE MATTER  
of Patent Application  
2006200845 C1 in the name  
of Zetco Valves Pty Ltd.

STATEMENT OF PROPOSED AMENDMENTS

1. Cancel page 10 of the patent and replace with substitute page 10 enclosed herewith.

Dated this 21st day of March 2019.



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James Nicholas Lawrence  
Partner, Mills Oakley  
for and on behalf of the Applicant

To the Commissioner of Patents,  
Commonwealth of Australia.

2006200845 21 Mar 2019



## Annexure A

9. A method of installing an appliance having a male threaded connector to an existing pipe, said method being substantially as herein described with reference to Figs. 1 and 3 of the drawings.
10. A valve as claimed in any one of claims 1 to 5 when used in controlling gas or liquid flow to an instantaneous gas operated water heater.
11. A pipework arrangement as claimed in claim 6 or 7, wherein said appliance is an instantaneous gas operated water heater.
12. A method as claimed in claim 8 or 9, wherein said appliance is an instantaneous gas operated water heater.

ZETCO PTY LTD

By

FRASER OLD & SOHN

Patent Attorneys for the Applicants