



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	3326
Amendments Made	3327
Alteration of Name(s) of Applicant(s)/Patentee(s)	3328

Applications Accepted

Name Index	3403
Numerical Index	3434
IPC Index	3437

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	3323
---	------

Applications Open to Public Inspection

Name Index	3330
Numerical Index	3344
IPC Index	3346

Assignments before Grant, Section 113	3324
---	------

Assignments Registered	3443
------------------------------	------

Complete Applications Filed

Name Index	3313
Numerical Index	3319

Corrigenda	3446
------------------	------

Extensions of Term of Standard Patents	3446
--	------

Extensions of Time, Section 223	3326
---------------------------------------	------

Innovation Patent Applications Filed

Name Index	3321
Numerical Index	3322

Innovation Patents Open to Public Inspection

Name Index	3348
Numerical Index	3349
IPC Index	3350

PCT applications which have entered the National Phase

Name Index	3351
Numerical Index	3392
IPC Index	3396

Patents Granted	3443
------------------------------	-------------

Opposition Proceedings	3443
-------------------------------------	-------------

Provisional Applications Filed

Name Index	3309
Numerical Index	3312

Specifications Republished	3447
---	-------------

General Information

*For Information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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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>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
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>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
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>
E) Patents Certified – Name Index	
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)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Bio-Rad Laboratories, Inc. [2019] APO 26

Patent Application: 2017203982

Title: System and Method for Producing Statistically Valid Assay Means and Ranges for Quality Control Materials

Patent Applicant: Bio-Rad Laboratories, Inc.

Delegate: M. G. Kraefft

Decision Date: 7 June 2019

Hearing Date: 14 March 2019, in Melbourne; further submissions filed 23 May 2019.

Catchwords: **PATENTS** – section 45 – examiner’s objection – whether invention is a manner of manufacture – establishing statistically valid assay mean and assay range for quality control material lot – computation of variability estimate – based on historical test results – whether there is physically observable effect of less test sampling required if variability estimate computed from other aspects beyond historical test results – test results from current test sampling not used for variability estimate – claimed invention is a manner of manufacture – whether claims supported by matter disclosed – compliance with section 40 – application to be accepted.

Representation: Patent attorneys for the applicant: Mr Jeremy Robinson and Mr Nick Mountford, Griffith Hack.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

ABB Schweiz AG [2019] APO 27

Patent Application: 2014410506

Title: Control of a Microgrid

Patent Applicant: ABB Schweiz AG

Delegate: M. G. Kraefft

Decision Date: 7 June 2019

Hearing Date: Written submissions filed on 23 April 2019

Catchwords: **PATENTS** – section 45 – examiner’s objection – whether there is inventive step – microgrid with multiple points of common coupling allowing power flows between microgrid and other power grids – formulation of problem in art – documented problems in specification not based on information available as common general knowledge or under subsection 7(3) – control of second power flow in microgrid in dependence on changes in first power flow not established to have been obvious – application to be accepted.

Representation: Patent attorney for the applicant: Griffith Hack

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 4 Jun 2019 .

(71) 6Clicks Pty Ltd (21) 2019901912 (22) 03.06.2019 (54) Digital Platform	(71) Australian Breast Milk Bank Pty Ltd (21) 2019901947 (22) 05.06.2019 (54) Process for producing a powdered composition comprising human breast milk	(71) Burke, D. (21) 2019901897 (22) 03.06.2019 (54) Mobile Food Preparation Station
(71) A&S BUSINESS GROUP PTY LTD (21) 2019901938 (22) 04.06.2019 (54) MATERIALS AND PROCESSES FOR MANUFACTURING CARBON COMPOSITE ARTICLES BY THREE-DIMENSIONAL PRINTING	(71) Automatic Technology (Australia) Pty Ltd (21) 2019901950 (22) 05.06.2019 (54) Tensioning device for a drive train	(71) Chamberlain Transport Pty Ltd trading as Unpackaged Eco (21) 2019901935 (22) 04.06.2019 (54) A SYSTEM AND APPARATUS FOR VENDING OF MULTIPLE FLOWABLE PRODUCT(S) USING REFILLABLE PACKAGING
(71) Adsett, J. (21) 2019901939 (22) 05.06.2019 (54) The Smart A Frame	(71) Azuma Design Pty Limited (21) 2019901907 (22) 03.06.2019 (54) A lock	(71) Chapman, J. (21) 2019901910 (22) 03.06.2019 (54) Finger Ring For Billiards Cue Tip Chalk
(71) Alex Fin Pty Ltd (21) 2019901975 (22) 07.06.2019 (54) A harvester	(71) Bared Pty Ltd (21) 2019901909 (22) 03.06.2019 (54) Article of footwear	(71) Cheevers, S.; Hellmers, D.; Thie, J. (21) 2019901901 (22) 03.06.2019 (54) Tamper
(71) ARB Corporation Ltd (21) 2019901954 (22) 06.06.2019 (54) Assemblies for supporting a load relative to a roof of a vehicle	(71) Bikshandi, B. (21) 2019901850 (22) 29.05.2019 (54) A new stethoscope	(71) Cole, C. (21) 2019901942 (22) 05.06.2019 (54) System and method for monitoring train dynamics and coupling conditions
(71) Aten Advisory Pty Ltd (21) 2019901961 (22) 06.06.2019 (54) Elevated Deck, and Method of Constructing an Elevated Deck	(71) Black Moth Vision Systems Pty Ltd (21) 2019901898 (22) 03.06.2019 (54) Imaging Device Calibration	(71) Cole, C. (21) 2019901943 (22) 05.06.2019 (54) System and method for monitoring and predicting rolling stock instability due to operational train dynamics
(71) AUSTRALASIA TRADE BUILDING COMPANY PTY. LTD. (21) 2019901908 (22) 03.06.2019 (54) Relocatable Timber Frame System	(71) BOVIN, N.; HENRY, S.; PARKER, S. (21) 2019901937 (22) 04.06.2019 (54) IMPROVED METHODS OF IMMUNOTHERAPY	(71) DREAMTIME PARK PTY LTD (21) 2019901919 (22) 04.06.2019 (54) Using the property of quantum entanglement, a number of energised electron pairs are created in a crystal structure of differing density such that by altering the frequency of the laser, it will allow specific layers of the crystal to light up thereby creating an image within the crystal in 3D at the same time as the entangled image is created at a separate location in 3D space. It is sim-
(71) Australian Breast Milk Bank Pty Ltd (21) 2019901946 (22) 05.06.2019 (54) Process and container for producing a powdered composition comprising human breast milk	(71) Breville Pty Limited (21) 2019901948 (22) 05.06.2019 (54) A lid for a food processor	
	(71) Brooks, S.; Hall, S. (21) 2019901936 (22) 04.06.2019 (54) CONTROL ARRANGEMENT FOR GAMBLERS	

Provisional Applications Filed - Name Index cont'd

ilar to how a TV works except that it will be in 3 dimensions within the crystal.

(71) Ecosa Group Pty Ltd
(21) 2019901922 (22) 04.06.2019
(54) A mobile phone radiation shielding bedside table

(71) Gardner, A.
(21) 2019901894 (22) 03.06.2019
(54) Recyclable coffee cup.

(71) Gardner, A.
(21) 2019901955 (22) 06.06.2019
(54) Recyclable coffee cup.

(71) Griffith University
(21) 2019901921 (22) 04.06.2019
(54) Rehabilitation System

Hall, S. see Brooks, S.
(21) 2019901936

(71) Hauser, T.
(21) 2019901973 (22) 07.06.2019
(54) LOCK PIN DISPENSER

(71) HAVAH Therapeutics Pty Ltd
(21) 2019901911 (22) 03.06.2019
(54) Pharmaceutical Formulations and Delivery Systems

Hellmers, D. see Cheevers, S.
(21) 2019901901

HENRY, S. see BOVIN, N.
(21) 2019901937

(71) Hermal Bio Energy International Pty Ltd
(21) 2019901956 (22) 06.06.2019
(54) PRODUCTION OF PRODUCTS FROM BIO-ENERGY

(71) Hicks, D.
(21) 2019901896 (22) 03.06.2019
(54) Livestock Handling Apparatus

(71) Hill, A.
(21) 2019901958 (22) 06.06.2019
(54) A server for serving an itinerary configuration interface

(71) Holz Industries Pty Ltd
(21) 2019901926 (22) 04.06.2019
(54) A roof rack coupler

IceCap Thermal Energy Pty Ltd see KAL-DORBULL PTY LTD
(21) 2019901965

(71) Identity Systems Australia Pty Ltd
(21) 2019901928 (22) 04.06.2019
(54) SYSTEM AND METHOD FOR FACIAL RECOGNITION

(71) Imperium Engineering Pty Ltd
(21) 2019901970 (22) 06.06.2019
(54) Hazardous Area Information Development and Retrieval

(71) Imtrade Australia Pty Ltd
(21) 2019901966 (22) 06.06.2019
(54) Benzoic acid formulation

(71) International Scientific Pty Ltd
(21) 2019901924 (22) 04.06.2019
(54) A Method and Apparatus for Enhanced Transdermal, Intradermal or Transappendageal Delivery of Retinoids

(71) International Scientific Pty Ltd
(21) 2019901929 (22) 04.06.2019
(54) A Method and Apparatus for Enhanced Transdermal, Intradermal or Transappendageal Delivery of Hyaluronic Acids

(71) International Scientific Pty Ltd
(21) 2019901931 (22) 04.06.2019
(54) A Method and Apparatus for Enhanced Transdermal, Intradermal or Transappendageal Delivery of Titanium Dioxide

(71) International Scientific Pty Ltd
(21) 2019901932 (22) 04.06.2019
(54) A Method and Apparatus for User-Controlled or Practitioner-Prescribed Transdermal, Intradermal or Transappendageal Delivery of Therapeutic, Cosmetic or Skin Care Ingredients

(71) Isol8 Pty Ltd
(21) 2019901906 (22) 03.06.2019
(54) Area Departure Alert System and Method

(71) KALDORBULL PTY LTD; IceCap Thermal Energy Pty Ltd
(21) 2019901965 (22) 06.06.2019
(54) A System to Improve Performance of Transcritical Carbon Dioxide Cooling by Integration of Ice Thermal Storage for Subcooling

(71) Kefford, G.
(21) 2019901940 (22) 05.06.2019
(54) Beach and swimwear with detachable and interchangeable embellishments.

Improvements for garments, particularly swimwear garments including bikinis, shorts, swimsuits and the like. A garment with at least one removable fabric extension configured to provide an additional portion of fabric material that can be selectively attached to at least one position on the garment. The removable fabric extensions are interchangeable, giving garment a plurality of fabric extensions.

Khiadani, M. see Shafieian Dastjerdi, A.
(21) 2019901905

(71) Kijashka, E.
(21) 2019901944 (22) 05.06.2019
(54) Improved Traffic Light Assembly

(71) Kooy, J.
(21) 2019901920 (22) 04.06.2019
(54) Coffee Machine Pads

(71) Loughrey, K.
(21) 2019901899 (22) 03.06.2019
(54) ADHESIVE FOAM INTERFACE STRIP TO ACCOMMODATE A TRANSITION OF SLOPE ON A SHEET METAL ROOF

(71) Maksimovic, B.
(21) 2019901917 (22) 04.06.2019
(54) Fire Retardant Material

(71) Marsh, D.
(21) 2019901892 (22) 02.06.2019
(54) A device for grooving out vinyl sheets safely without slipping

(71) McCabe, M.
(21) 2019901915 (22) 04.06.2019
(54) The Collateralized Asset Obligation are collateralized obligations which are backed and secured by a portfolio of assets consisting of Forest Carbon Credits and other qualifying assets.

(71) McNally Holdings Pty Ltd
(21) 2019901945 (22) 05.06.2019
(54) A garment

(71) MTI Group Pty Ltd
(21) 2019901971 (22) 06.06.2019
(54) Inflatable Down Hole Bag with Reflective Properties

(71) MTI Group Pty Ltd
(21) 2019901972 (22) 06.06.2019
(54) Down Hole Measurement System

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited
(21) 2019901962 (22) 06.06.2019
(54) LUMINESCENCE SOLAR CONCENTRATOR SIGNAGE

(71) NewSouth Innovations Pty Limited
(21) 2019901963 (22) 06.06.2019
(54) Hydrogen Storage

(71) Ngorima, P.
(21) 2019901895 (22) 03.06.2019
(54) Hydrokinetic power generating system

(71) Ozolins, R.
(21) 2019901841 (22) 28.05.2019
(54) Steering aid for shopping carts and trolleys.

(71) Pacific Blue VIC Pty Ltd
(21) 2019901967 (22) 06.06.2019
(54) POWER AND CONTROL SYSTEM

PARKER, S. see BOVIN, N.
(21) 2019901937

(71) Patriot Campers Pty Ltd
(21) 2019901925 (22) 04.06.2019
(54) An awning

(71) Patriot Campers Pty Ltd
(21) 2019901959 (22) 06.06.2019
(54) A Caravan

(71) Pfonr Pty Ltd
(21) 2019901969 (22) 06.06.2019
(54) Method and application for recognition of a mobile communication device from other Bluetooth devices regardless of the discoverability state of the mobile communication device.

(71) Qin Du, W.
(21) 2019901860 (22) 29.05.2019
(54) AN ATMOSPHERIC COMBUSTION GAS CONDENSING STORAGE WATER HEATER WITH TWO HEAT EXCHANGE AREAS

(71) Reed, P.
(21) 2019901913 (22) 04.06.2019
(54) DRILLING ARRANGEMENTS

(71) ROBAND Australia Pty Ltd
(21) 2019901934 (22) 04.06.2019
(54) A mixer

(71) Rowe, D.
(21) 2019901923 (22) 04.06.2019
(54) Electrical Socket

(71) Shafieian Dastjerdi, A.; Khiadani, M.
(21) 2019901905 (22) 03.06.2019
(54) A heat pipe solar direct contact membrane-based desalination/ wastewater treatment system

(71) Shelverton Holdings Pty Ltd
(21) 2019901780 (22) 24.05.2019
(54) Catheter

(71) SHENZHEN PRIME LOGIC TECHNOLOGY CO., LTD.
(21) 2019901974 (22) 07.06.2019
(54) IMPROVED ELECTRICAL CONNECTOR

(71) Stallard, C.W.J.
(21) 2019901951 (22) 05.06.2019
(54) Infant formula preparation apparatus

(71) Stockee Pty Ltd
(21) 2019901918 (22) 04.06.2019
(54) Improvements in Storage Racks

(71) Swinburne University of Technology
(21) 2019901976 (22) 07.06.2019
(54) THREE LAYERED SYSTEM OF UPGRADEABLE AND EXTENDABLE SMART CONTRACTS HOSTED ON AND EXECUTED BY DECENTRALISED VIRTUAL MACHINES OF A DECENTRALISED NETWORK

(71) Symington, M.
(21) 2019901960 (22) 06.06.2019
(54) A wristwatch protection sleeve

(71) TAG Holdings Aust Pty Ltd
(21) 2019901941 (22) 05.06.2019
(54) A Learning System

(71) The trustee for Armstrong Family Trust
(21) 2019901964 (22) 06.06.2019
(54) This is a stand alone power generator and energy storage facility. Utilizing wind and solar and converts surplus energy into stored potential energy. Design size will vary to accommodate residential or commercial use.

(71) The University of Adelaide
(21) 2019901927 (22) 04.06.2019
(54) Treatment of Coronary Artery Spasm

(71) The University of Melbourne
(21) 2019901891 (22) 02.06.2019
(54) COMPOSITIONS AND METHODS FOR DETECTING AND/OR PREVENTING SALMONELLA INFECTION

(71) The University of Melbourne
(21) 2019901904 (22) 03.06.2019
(54) Method of Altering Soil Microbiome

(71) The University of Queensland
(21) 2019901952 (22) 05.06.2019
(54) Synthesis of adsorption materials

(71) The University of Sydney
(21) 2019901968 (22) 06.06.2019
(54) Anti-inflammatory agents

Thie, J. see Cheevers, S.
(21) 2019901901

(71) Transurban Limited
(21) 2019901933 (22) 04.06.2019
(54) A LICENSE PLATE IDENTIFIER RECOGNITION APPARATUS AND PROCESS

(71) Travers, D.
(21) 2019901916 (22) 04.06.2019
(54) An electronic device for oil type volumetric recording, control and display

(71) Ultracut Industries Pty Ltd
(21) 2019901903 (22) 03.06.2019
(54) Material Welder

(71) White, S.
(21) 2019901957 (22) 06.06.2019
(54) A ventilator enclosure

(71) Willey, D.
(21) 2019901953 (22) 06.06.2019
(54) Portable Device for Eliminating Noxious Gasses

(71) Zalloua, T.
(21) 2019901949 (22) 05.06.2019
(54) Intelligent Thruster for Underwater Analysis

(71) ZHIK PTY LTD
(21) 2019901893 (22) 03.06.2019
(54) IMPROVED STIFFNESS AND LUMINESCENT TEXTILES FOR GARMENTS

(71) Zlatar, P.
(21) 2019901977 (22) 07.06.2019
(54) Improved Raised Access Flooring

Numerical Index

2019901780	Shelverton Holdings Pty Ltd	2019901957	White, S.
2019901841	Ozolins, R.	2019901958	Hill, A.
2019901850	Bikshandi, B.	2019901959	Patriot Campers Pty Ltd
2019901860	Qin Du, W.	2019901960	Symington, M.
2019901891	The University of Melbourne	2019901961	Aten Advisory Pty Ltd
2019901892	Marsh, D.	2019901962	NewSouth Innovations Pty Limited
2019901893	ZHIK PTY LTD	2019901963	NewSouth Innovations Pty Limited
2019901894	Gardner, A.	2019901964	The trustee for Armstrong Family Trust
2019901895	Ngorima, P.	2019901965	KALDORBULL PTY LTD; IceCap Thermal Energy Pty Ltd
2019901896	Hicks, D.	2019901966	Imtrade Australia Pty Ltd
2019901897	Burke, D.	2019901967	Pacific Blue VIC Pty Ltd
2019901898	Black Moth Vision Systems Pty Ltd	2019901968	The University of Sydney
2019901899	Loughrey, K.	2019901969	Pfonr Pty Ltd
2019901901	Cheevers, S.; Hellmers, D.; Thie, J.	2019901970	Imperium Engineering Pty Ltd
2019901903	Ultracut Industries Pty Ltd	2019901971	MTI Group Pty Ltd
2019901904	The University of Melbourne	2019901972	MTI Group Pty Ltd
2019901905	Shafeian Dastjerdi, A.; Khiadani, M.	2019901973	Hauser, T.
2019901906	Isol8 Pty Ltd	2019901974	SHENZHEN PRIME LOGIC TECHNOLOGY CO., LTD.
2019901907	Azuma Design Pty Limited	2019901975	Alex Fin Pty Ltd
2019901908	AUSTRALASIA TRADE BUILDING COMPANY PTY. LTD.	2019901976	Swinburne University of Technology
2019901909	Bared Pty Ltd	2019901977	Zlatar, P.
2019901910	Chapman, J.		
2019901911	HAVAH Therapeutics Pty Ltd		
2019901912	6Clicks Pty Ltd		
2019901913	Reed, P.		
2019901915	McCabe, M.		
2019901916	Travers, D.		
2019901917	Maksimovic, B.		
2019901918	Stockee Pty Ltd		
2019901919	DREAMTIME PARK PTY LTD		
2019901920	Kooy, J.		
2019901921	Griffith University		
2019901922	Ecosa Group Pty Ltd		
2019901923	Rowe, D.		
2019901924	International Scientific Pty Ltd		
2019901925	Patriot Campers Pty Ltd		
2019901926	Holz Industries Pty Ltd		
2019901927	The University of Adelaide		
2019901928	Identity Systems Australia Pty Ltd		
2019901929	International Scientific Pty Ltd		
2019901931	International Scientific Pty Ltd		
2019901932	International Scientific Pty Ltd		
2019901933	Transurban Limited		
2019901934	ROBAND Australia Pty Ltd		
2019901935	Chamberlain Transport Pty Ltd trading as Unpackaged Eco		
2019901936	Brooks, S.; Hall, S.		
2019901937	BOVIN, N.; HENRY, S.; PARKER, S.		
2019901938	A&S BUSINESS GROUP PTY LTD		
2019901939	Adsett, J.		
2019901940	Kefford, G.		
2019901941	TAG Holdings Aust Pty Ltd		
2019901942	Cole, C.		
2019901943	Cole, C.		
2019901944	Kijashka, E.		
2019901945	McNally Holdings Pty Ltd		
2019901946	Australian Breast Milk Bank Pty Ltd		
2019901947	Australian Breast Milk Bank Pty Ltd		
2019901948	Breville Pty Limited		
2019901949	Zalloua, T.		
2019901950	Automatic Technology (Australia) Pty Ltd		
2019901951	Stallard, C.W.J.		
2019901952	The University of Queensland		
2019901953	Willey, D.		
2019901954	ARB Corporation Ltd		
2019901955	Gardner, A.		
2019901956	Hermal Bio Energy International Pty Ltd		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 4 Jun 2019 .

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

<hr/> <p>8 Rivers Capital, LLC see Palmer Labs, LLC (21) 2019203986</p> <hr/> <p>(71) AABP Holdings Pty Ltd t/as Bell Marine (21) 2019203885 (22) 03.06.2019 (54) Winch Braking Mechanism (31) 2018901963 (32) 01.06.18 (33) AU</p> <hr/> <p>(71) AbbVie Inc. (21) 2019203939 (22) 05.06.2019 (54) Bromodomain inhibitors (62) 2017219100</p> <hr/> <p>ABIVAX see Centre National de la Recherche Scientifique (21) 2019203896</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019203988 (22) 07.06.2019 (54) ITEM REPLENISHMENT (62) 2018201381</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019203999 (22) 07.06.2019 (54) AUTOMATING TESTING AND DEPLOYMENT OF SOFTWARE CODE CHANGES (31) 201841023969 (32) 27.06.18 (33) IN 16/171,083 25.10.18 US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2019204000 (22) 07.06.2019 (54) MITIGATING ASSET DAMAGE VIA ASSET DATA ANALYSIS AND PROCESSING (31) 16/028,138 (32) 05.07.18 (33) US</p> <hr/> <p>(71) ACIPLATANE Pty Ltd (21) 2019203972 (22) 06.06.2019 (54) LIFTING APPARATUS (31) 2018902040 (32) 06.06.18 (33) AU</p> <hr/> <p>(71) Aclaris Therapeutics, Inc. (21) 2019203993 (22) 07.06.2019 (54) Pharmaceutical cream compositions of oxymetazoline for treating symptoms of rosacea (62) 2017202726</p> <hr/>	<p>(71) Adobe Inc. (21) 2019204032 (22) 07.06.2019 (54) ANIMATION PRODUCTION SYSTEM (31) 16/057,668 (32) 07.08.18 (33) US</p> <hr/> <p>(71) AFINITI EUROPE TECHNOLOGIES LIMITED (21) 2019203967 (22) 06.06.2019 (54) TECHNIQUES FOR L3 PAIRING AND WORKFORCE MANAGEMENT IN A CONTACT CENTER SYSTEM (62) 2017366663</p> <hr/> <p>(71) Aicoboae, M. (21) 2019203973 (22) 06.06.2019 (54) Grip Finder</p> <hr/> <p>(71) Ali-Jak Holdings Pty Ltd (21) 2019203944 (22) 05.06.2019 (54) PROCESS AND APPARATUS FOR TREATING SLUDGE (62) 2014324079</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2019203969 (22) 06.06.2019 (54) CARD-CENTERED ABNORMALITY DETECTION SYSTEM USING CAMERA AND SHOE (62) 2016324533</p> <hr/> <p>(71) Anthrogenesis Corporation (21) 2019204020 (22) 07.06.2019 (54) Natural killer cells and uses thereof (62) 2013302853</p> <hr/> <p>(71) Apple Inc. (21) 2019203932 (22) 05.06.2019 (54) Device, method, and graphical user interface for organizing and presenting a collection of media items (62) 2017203287</p> <hr/> <p>(71) Applied Research Associates, Inc. (21) 2019203908 (22) 04.06.2019 (54) Hydrothermal cleanup process (62) 2016211580</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019203912 (22) 04.06.2019 (54) MULTI-SCREEN GAMING WITH CROSS-GAME TUMBLING TRIGGER (31) 16/000,585 (32) 05.06.18 (33) US</p> <hr/>	<hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2019203958 (22) 06.06.2019 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2017204846</p> <hr/> <p>(71) Armor (21) 2019203936 (22) 05.06.2019 (54) Method for manufacturing a photovoltaic module and photovoltaic module thus obtained (31) 18 55064 (32) 11.06.18 (33) FR</p> <hr/> <p>(71) ATI Properties LLC (21) 2019203964 (22) 06.06.2019 (54) THERMOMECHANICAL PROCESSING OF HIGH STRENGTH NON-MAGNETIC CORROSION RESISTANT MATERIAL (62) 2017202040</p> <hr/> <p>(71) Atrium Medical Corporation (21) 2019203962 (22) 06.06.2019 (54) CHEST DRAINAGE SYSTEMS AND METHODS (62) 2014290371</p> <hr/> <p>(71) B&L Biotech, Inc. (21) 2019203954 (22) 06.06.2019 (54) Vibration apparatus for dental care (31) 10-2018-0126798 (32) 23.10.18 (33) KR</p> <hr/> <p>(71) Baker Hughes, a GE company, LLC (21) 2019203884 (22) 03.06.2019 (54) Multiple downhole sensor digital alignment using spatial transforms (62) 2016346921</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2019203957 (22) 06.06.2019 (54) Ported IV catheter having external needle shield and internal blood control septum (62) 2014274933</p> <hr/> <p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (21) 2019203926 (22) 05.06.2019 (54) Systems and methods for performing location-based actions (62) 2017265121</p> <hr/>
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Complete Applications Filed - Name Index cont'd

<p>(71) Belgiorino-Nettis, A.; Goodwin, H.; Scarfone, R. (21) 2019203892 (22) 04.06.2019 (54) Convertible furniture</p>	<p>(54) BUILDING ASSEMBLY SET AND METHOD OF ASSEMBLING A BUILDING USING THE BUILDING ASSEMBLY SET (31) 10201901812P (32) 28.02.19 (33) SG</p>	<p>(54) Cups and containers with a living hinge and sleeves (31) 16/001,785 (32) 06.06.18 (33) US</p>
<p>(71) Biosense Webster (Israel) Ltd. (21) 2019203905 (22) 04.06.2019 (54) Identifying orthogonal sets of active current location (ACL) patches (31) 16/010,573 (32) 18.06.18 (33) US</p>	<p>(71) Cambridge, (21) 2019203929 (22) 05.06.2019 (54) Peptide-linked morpholino antisense oligonucleotides for treatment of myotonic dystrophy (62) 2013323820</p>	<p>(71) Colgate-Palmolive Company (21) 2019204015 (22) 07.06.2019 (54) Oral treatment system (62) 2016223322</p>
<p>(71) Biosense Webster (Israel) Ltd. (21) 2019203996 (22) 07.06.2019 (54) Improving signal quality in a multiplexing system by actively disconnecting unused connections (31) 16/016,774 (32) 25.06.18 (33) US</p>	<p>(71) Candace Guidance Signage Ltd. (21) 2019204029 (22) 07.06.2019 (54) Tactile Marker and Manufacturing Method (31) 18107519.7 (32) 11.06.18 (33) HK</p>	<p>(71) CommScope Technologies LLC (21) 2019203886 (22) 04.06.2019 (54) Hardened Fiber Optic Connector (62) 2017204174</p>
<p>(71) Biosense Webster (Israel) Ltd. (21) 2019204010 (22) 07.06.2019 (54) Producing a guidance comprising a position sensor (31) 16/022,562 (32) 28.06.18 (33) US</p>	<p>(71) Canon Kabushiki Kaisha (21) 2019203981 (22) 06.06.2019 (54) Method, apparatus and system for encoding and decoding a block of video samples</p>	<p>(71) Cordynamix, Inc. (21) 2019203881 (22) 03.06.2019 (54) Methods and devices for diastolic assist (62) 2014324479</p>
<p>(71) Biosense Webster (Israel) Ltd. (21) 2019204023 (22) 07.06.2019 (54) Magnetic pickup cancellation by compensation leads (31) 16/018,614 (32) 26.06.18 (33) US</p>	<p>(71) Capnia, Inc. (21) 2019203974 (22) 06.06.2019 (54) Collection and analysis of a volume of exhaled gas with compensation for the frequency of a breathing parameter (62) 2017216570</p>	<p>(71) Covidien LP (21) 2019203893 (22) 04.06.2019 (54) Rotation knob assemblies and surgical instruments including the same (31) 16/408,497 (32) 10.05.19 (33) US 62/714,203 03.08.18 US</p>
<p>(71) Bluebird Bio, Inc. (21) 2019203955 (22) 06.06.2019 (54) Multipartite signaling proteins and uses thereof (62) 2014296626</p>	<p>(71) CareFusion 303, Inc. (21) 2019203878 (22) 03.06.2019 (54) Automatic association of medical elements (62) 2017201295</p>	<p>(71) Covidien LP (21) 2019203994 (22) 07.06.2019 (54) System and method for local three dimensional volume reconstruction using a standard fluoroscope (62) 2018204631</p>
<p>(71) Bourgault Industries Ltd. (21) 2019203889 (22) 04.06.2019 (54) Bulk container to meter seed transfer (31) 3,009,543 (32) 27.06.18 (33) CA</p>	<p>(71) CATERPILLAR INC. (21) 2019203875 (22) 03.06.2019 (54) DUMP BODY THAT INCLUDES A PIVOT ASSEMBLY WITH EXTERNALLY ACCESSIBLE GUSSETS (31) 16/010,562 (32) 18.06.18 (33) US</p>	<p>(71) Covidien LP (21) 2019203998 (22) 07.06.2019 (54) System and method for local three dimensional volume reconstruction using a standard fluoroscope (62) 2018204631</p>
<p>Bristol-Myers Squibb Company see William Marsh Rice University (21) 2019204034</p>	<p>(71) Centre National de la Recherche Scientifique; ABIVAX; Institut Curie; UNIVERSITE DE MONTPELLIER (21) 2019203896 (22) 04.06.2019 (54) Compounds useful for treating cancer (62) 2017202500</p>	<p>(71) Covidien LP (21) 2019204005 (22) 07.06.2019 (54) Surgical stapling apparatus with anvil buttress (31) 62/693,167 (32) 02.07.18 (33) US 16/429,416 03.06.19 US</p>
<p>(71) Bry Air (Asia) Pvt. Ltd. (21) 2019203907 (22) 04.06.2019 (54) Method and device for moisture determination and control (62) 2017218991</p>	<p>(71) Centurion Medical Products Corporation (21) 2019203979 (22) 06.06.2019 (54) Prefilled container systems (62) 2017204728</p>	<p>(71) Covidien LP (21) 2019204007 (22) 07.06.2019 (54) Shipping member for loading unit (62) 2014256365</p>
<p>(71) Bugatone Ltd. (21) 2019203949 (22) 06.06.2019 (54) AURAL MEASUREMENTS FROM EARPHONE OUTPUT SPEAKERS (62) 2015262864</p>	<p>(71) Clarity, Inc. (21) 2019203960 (22) 06.06.2019</p>	<p>(71) Covidien LP (21) 2019204024 (22) 07.06.2019 (54) Method and apparatus related to fabricated wireless transponder devices to be used in medical procedures (31) 16/429,282 (32) 03.06.19 (33) US 62/693,152 02.07.18 US</p>
<p>(71) Build Tiny Pte Ltd (21) 2019203915 (22) 04.06.2019</p>		

Complete Applications Filed - Name Index cont'd

(71) Crossroads Extremity Systems, LLC
(21) 2019203965 (22) 06.06.2019
(54) Plantar plate repair
(62) 2016392215

(71) CSR Building Products Limited
(21) 2019203956 (22) 06.06.2019
(54) A CONNECTOR
(62) 2017206180

(71) Deep Brain Innovations LLC
(21) 2019203997 (22) 07.06.2019
(54) DEEP BRAIN STIMULATOR AND
METHOD OF USE
(62) 2014268445

(71) Dezinal Pty Ltd
(21) 2019203922 (22) 05.06.2019
(54) A drain sill holder and system including
same

(71) Dolby International AB
(21) 2019204026 (22) 07.06.2019
(54) Audio Upmixer Operable in Prediction
or Non-Prediction Mode
(62) 2018236757

(71) Dolby Laboratories Licensing Corpora-
tion
(21) 2019204012 (22) 07.06.2019
(54) System and method for adaptive audio
signal generation, coding and rendering
(62) 2018203734

(71) Draslovka Services Pty Ltd
(21) 2019204014 (22) 07.06.2019
(54) AN INJECTOR AND INJECTOR SYS-
TEM FOR INTRODUCING AN AGRO-
CHEMICAL INTO A LIQUID

(71) Draslovka Services Pty Ltd
(21) 2019204030 (22) 07.06.2019
(54) A MIXER AND MIXING SYSTEM FOR
MIXING AN AGROCHEMICAL WITH
A LIQUID, AND RELATED SYSTEMS
AND METHODS

(71) ESS Tech, Inc
(21) 2019203950 (22) 06.06.2019
(54) METHOD AND SYSTEM TO MAIN-
TAIN ELECTROLYTE STABILITY FOR
ALL-IRON REDOX FLOW BATTERIES
(62) 2015225569

**Etex Building Performance GmbH see Pro-
mat Australia Pty Ltd**
(21) 2019204003

(71) FISHER & PAYKEL HEALTHCARE
LIMITED
(21) 2019203968 (22) 06.06.2019

(54) A FAN UNIT WITH IMPROVED
SURGE CHARACTERISTICS
(62) 2017203917

(71) Fractyl Laboratories, Inc.
(21) 2019203900 (22) 04.06.2019
(54) SYSTEMS, DEVICES AND METH-
ODS FOR THE CREATION OF A
THERAPEUTIC RESTRICTION IN THE
GASTROINTESTINAL TRACT
(62) 2014352874

(71) Fuji Xerox Co., Ltd.
(21) 2019203883 (22) 03.06.2019
(54) Printing managing apparatus and pro-
gram
(62) 2017202967

(71) Garrett Thermal Systems Limited
(21) 2019203934 (22) 05.06.2019
(54) Addressability in particle detection
(62) 2017254906

(71) Gen-Probe Incorporated
(21) 2019204018 (22) 07.06.2019
(54) Compositions and method for detecting
human parvovirus nucleic acid and for
detecting hepatitis A virus nucleic acids
in single-plex or multiplex assays
(62) 2016244315

(71) GEORGETOWN UNIVERSITY
(21) 2019203924 (22) 05.06.2019
(54) Treating neural disease with tyrosine
kinase inhibitors
(62) 2017228648

(71) GETINGE LA CALHENE
(21) 2019203990 (22) 07.06.2019
(54) Transfer system for sealed enclosure
comprising a device for sealed connec-
tion with a closed volume
(31) 1855085 (32) 11.06.18 (33) FR

Goodwin, H. see Belgiorino-Nettis, A.
(21) 2019203892

(71) Google LLC
(21) 2019203983 (22) 06.06.2019
(54) REMOVING LEAKAGE IN A
QUANTUM BIT
(62) 2015412742

(71) Google LLC
(21) 2019203985 (22) 06.06.2019
(54) REDUCING LATENCY
(62) 2016389047

(71) Hanmi Pharm. Co., Ltd.
(21) 2019203891 (22) 04.06.2019

(54) Long-acting conjugate or triple gluca-
gon/GLP-1/GIP receptor agonist
(62) 2016382394

(71) Hanmi Pharm. Co., Ltd.
(21) 2019203888 (22) 04.06.2019
(54) Triple glucagon/GLP-1/GIP receptor ag-
onist
(62) 2016382393

(71) Hansen, M.; Roche, C.
(21) 2019203897 (22) 04.06.2019
(54) PROSTHETIC AUGMENTS TO IM-
PROVE MUSCLE MECHANICS
(62) 2014324851

(71) Heraeus Medical GmbH
(21) 2019204008 (22) 07.06.2019
(54) Bone cement applicator with retractable
mixing rod and method for production of
a bone cement
(31) 102018209784.4 (32) 18.06.18 (33) DE

(71) HONEYWELL INTERNATIONAL INC.
(21) 2019203898 (22) 04.06.2019
(54) INTEGRATING FUNCTIONALITY IN A
LINE POWERED DEVICE OF A FACIL-
ITY
(31) 16/026,929 (32) 03.07.18 (33) US

**Hudson Institute of Medical Research see
Monash University**
(21) 2019203989

(71) Husqvarna AB
(21) 2019203947 (22) 06.06.2019
(54) SIMPLIFIED INTERFACE AND OPER-
ATION IN A WATERING SYSTEM
(62) 2015390451

(71) Idex ASA
(21) 2019203927 (22) 05.06.2019
(54) Sensor array system selectively config-
urable as a fingerprint sensor or data
entry device
(62) 2018201939

(71) IGT
(21) 2019203872 (22) 03.06.2019
(54) SKILL BASED WHEEL MODIFIERS
(31) 15/996,873 (32) 04.06.18 (33) US

(71) Implantica Patent Ltd
(21) 2019204006 (22) 07.06.2019
(54) Hip Joint Instrument and Method
(62) 2018200508

(71) Incube Labs, LLC
(21) 2019203904 (22) 04.06.2019

Complete Applications Filed - Name Index cont'd

(54) Solid drug delivery apparatus, formulations and methods of use
(62) 2017221838

Institut Curie see Centre National de la Recherche Scientifique
(21) 2019203896

(71) Ipateer Pty Ltd
(21) 2019203879 (22) 03.06.2019
(54) Support brace
(31) 2018901998 (32) 04.06.18 (33) AU

(71) Island Breeze Systems CA, LLC
(21) 2019203925 (22) 05.06.2019
(54) PROPELLANT BASED METERED DOSE INHALER AND FOOD APPLICATORS AND APPLICATORS
(62) 2016263444

(71) Janssen Biotech, Inc.
(21) 2019203971 (22) 06.06.2019
(54) Palm activated drug delivery device
(62) 2017261575

Jeongdo Industry Co., Ltd see Shindo Industry Co., Ltd.
(21) 2019204025

(71) Johnson & Johnson Vision Care, Inc.
(21) 2019203920 (22) 05.06.2019
(54) Esters for treatment of ocular inflammatory conditions
(62) 2017204759

(71) Joy Global Surface Mining Inc
(21) 2019203975 (22) 06.06.2019
(54) Methods and systems for detecting heavy machine wear
(62) 2016354542

(71) Koninklijke Philips N.V.
(21) 2019203928 (22) 05.06.2019
(54) Face location detection
(62) 2017206169

(71) Kuhn S.A.
(21) 2019203978 (22) 06.06.2019
(54) Placing unit having a bracing assembly and seeder comprising such units
(31) 1855556 (32) 22.06.18 (33) FR

(71) LAA Industries Pty Ltd
(21) 2019203882 (22) 03.06.2019
(54) GENERATOR HOUSING AND GENERATOR ASSEMBLY
(62) 2015200395

(71) Laerdal Medical AS
(21) 2019203906 (22) 04.06.2019

(54) METHOD AND APPARATUS FOR DEVELOPING MEDICAL TRAINING SCENARIOS
(62) 2017202928

(71) LEMMEN, J.; VON DOREMAELE, M.
(21) 2019203890 (22) 04.06.2019
(54) DEVICE FOR GROWING MUSHROOMS
(31) 2021053 (32) 04.06.18 (33) NL
2022703 08.03.19 NL

(71) Levitation Sciences LLC
(21) 2019203935 (22) 05.06.2019
(54) Passive Mattress Encasement
(62) 2014329515

(71) Levitation Sciences LLC
(21) 2019203938 (22) 05.06.2019
(54) Active Mattress Encasement
(62) 2014329581

(71) LexisNexis, A Division of Reed Elsevier Inc.
(21) 2019203930 (22) 05.06.2019
(54) Systems and methods for indentifying documents based on citation history
(62) 2014212510

(71) LifeCell Corporation
(21) 2019204011 (22) 07.06.2019
(54) Implantable prosthesis having acellular tissue attachments
(62) 2017232142

(71) Long Pipes Limited
(21) 2019203903 (22) 04.06.2019
(54) Construction of Pipes
(62) 2011320038

(71) Martin, D.
(21) 2019204004 (22) 07.06.2019
(54) A Mattress for Ready Changing of Bed Linen
(62) 2014214539

(71) Mayne Pharma International Pty Ltd
(21) 2019203995 (22) 07.06.2019
(54) Treatment and prognostic monitoring of proliferation disorders using hedgehog pathway inhibitors
(62) 2014253998

(71) MILWAUKEE ELECTRIC TOOL CORPORATION
(21) 2019204009 (22) 07.06.2019
(54) Power tool and method for wireless communication
(62) 2016257438

(71) ModernaTX, Inc.
(21) 2019203876 (22) 03.06.2019
(54) Terminally modified RNA
(62) 2017202228

(71) Monash University; Hudson Institute of Medical Research
(21) 2019203989 (22) 07.06.2019
(54) IL-37 variants
(62) 2016281189

(71) Motorola Solutions, Inc.
(21) 2019203987 (22) 07.06.2019
(54) METHOD FOR REAL-TIME AUTHORIZATION WITHIN A PUSH TO TALK FOR THE INTERNET OF THINGS SYSTEM
(31) 16/004,709 (32) 11.06.18 (33) US

(71) Murray Trento & Associates Pty Ltd
(21) 2019203992 (22) 07.06.2019
(54) DATA PLATFORM FOR AUTOMATED DATA EXTRACTION, TRANSFORMATION, AND/OR LOADING
(31) 16/008,602 (32) 14.06.18 (33) US

(71) Musculoskeletal Transplant Foundation
(21) 2019204031 (22) 07.06.2019
(54) ACELLULAR SOFT TISSUE-DERIVED MATRICES AND METHODS FOR PREPARING SAME
(31) 16/428,505 (32) 31.05.19 (33) US

(71) Nalpropion Pharmaceuticals, Inc.
(21) 2019204033 (22) 07.06.2019
(54) Unit Dosage Package and Methods for Administering Weight Loss Medications
(62) 2017200230

(71) National Geographic Society
(21) 2019203916 (22) 05.06.2019
(54) AN APPARATUS, SYSTEM AND METHOD FOR A BUOYANCY-CONTROLLED LAGRANGIAN CAMERA PLATFORM
(31) 62/724,203 (32) 29.08.18 (33) US
16/382,356 12.04.19 US

(71) NCM Innovations (Pty) Ltd
(21) 2019203951 (22) 06.06.2019
(54) Pneumatic Drill Installed Rock Anchor
(61) 2015403063

(71) Neuvana, LLC.
(21) 2019203980 (22) 06.06.2019
(54) TRANSCUTANEOUS ELECTROSTIMULATOR AND METHODS FOR ELECTRIC STIMULATION
(62) 2016277603

(71) Nevro Corporation
(21) 2019203953 (22) 06.06.2019

Complete Applications Filed - Name Index cont'd

(54) DEVICES FOR CONTROLLING HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN, AND ASSOCIATED SYSTEMS AND METHODS, INCLUDING SIMPLIFIED CONTROLLERS
(62) 2018201433

(71) NLIFE THERAPEUTICS, S.L.
(21) 2019203887 **(22)** 04.06.2019
(54) COMPOSITIONS AND METHODS FOR SELECTIVE DELIVERY OF OLIGONUCLEOTIDE MOLECULES TO SPECIFIC NEURON TYPES
(62) 2017204529

(71) Ocado Innovation Limited
(21) 2019203895 **(22)** 04.06.2019
(54) Methods, systems and apparatus for controlling movement of transporting devices
(62) 2015270518

(71) Ocado Innovation Limited
(21) 2019203899 **(22)** 04.06.2019
(54) Methods, systems and apparatus for controlling movement of transporting devices
(62) 2015270518

(71) Ocado Innovation Limited
(21) 2019203901 **(22)** 04.06.2019
(54) Methods, systems and apparatus for controlling movement of transporting devices
(62) 2015270518

(71) Optimedica Corporation
(21) 2019203837 **(22)** 03.06.2019
(54) In situ determination of refractive index of materials
(62) 2014293542

(71) Palmer Labs, LLC; 8 Rivers Capital, LLC
(21) 2019203986 **(22)** 06.06.2019
(54) System and method for high efficiency power generation using a carbon dioxide circulating working fluid
(62) 2017204829

(71) Phoenix Product Development Limited
(21) 2019203870 **(22)** 03.06.2019
(54) Toilet pan body and its method of manufacturing
(62) 2017219107

(71) Promat Australia Pty Ltd; Etex Building Performance GmbH
(21) 2019204003 **(22)** 07.06.2019
(54) Fire protection joint
(31) 18178889.4 **(32)** 20.06.18 **(33)** EP

(71) Prothema Biosciences Limited
(21) 2019203976 **(22)** 06.06.2019
(54) TAU Immunotherapy
(62) 2014248515

(71) Purplesun Inc.
(21) 2019203894 **(22)** 04.06.2019
(54) Photochromic detection of ultraviolet irradiation
(62) 2015266867

(71) Qualcomm Incorporated
(21) 2019203984 **(22)** 06.06.2019
(54) SELF-CONTAINED TIME DIVISION DUPLEX (TDD) SUBFRAME STRUCTURE FOR WIRELESS COMMUNICATIONS
(62) 2016233794

(71) QuiaPEG Pharmaceuticals AB
(21) 2019203966 **(22)** 06.06.2019
(54) Functionalized polymers
(62) 2017202265

Roche, C. see Hansen, M.
(21) 2019203897

(71) Samsung Electronics Co., Ltd.
(21) 2019204017 **(22)** 07.06.2019
(54) FOLDABLE DEVICE
(62) 2015219774

(71) SBI Biotech Co., Ltd.
(21) 2019203877 **(22)** 03.06.2019
(54) ANTI-ILT7 ANTIBODY
(62) 2017203790

Scarfone, R. see Belgiorno-Nettis, A.
(21) 2019203892

(71) Schwihag AG Gleis- und Weichentechnik
(21) 2019203948 **(22)** 06.06.2019
(54) Rail fastening system
(31) 10 2018 117 453.5 **(32)** 19.07.18 **(33)** DE

(71) SEBEL PTY LTD
(21) 2019203991 **(22)** 07.06.2019
(54) Injection Moulded Unupholstered Plastic Chair
(62) 2014201342

(71) Semtech Corporation
(21) 2019203946 **(22)** 06.06.2019
(54) LOW-POWER, FREQUENCY-HOPPING, WIDE-AREA NETWORK WITH RANDOM MEDIUM ACCESS
(31) EP20180181102 **(32)** 02.07.18 **(33)** EP

(71) Senator Boats 2017 Limited
(21) 2019203871 **(22)** 03.06.2019
(54) IMPROVEMENTS IN, OR RELATED TO, AMPHIBIOUS VESSELS
(31) 743122 **(32)** 01.06.18 **(33)** NZ

(71) SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.
(21) 2019203940 **(22)** 05.06.2019
(54) Valve
(62) 2017225050

(71) Shindo Industry Co., Ltd.; Jeongdo Industry Co., Ltd
(21) 2019204025 **(22)** 07.06.2019
(54) Rolling guard barrier and manufacturing method thereof
(31) 10-2019-0046671 **(32)** 22.04.19 **(33)** KR

(71) Shyu, W.
(21) 2019204021 **(22)** 07.06.2019
(54) Hydrogen molecule remixing device of dish-shaped electrolytic cell

(71) SKF Australia Pty Ltd
(21) 2019203911 **(22)** 04.06.2019
(54) SPLIT PLUMMER BLOCK BEARING HOUSING
(31) 102019207156.2 **(32)** 16.05.19 **(33)** DE

(71) Snap-on Incorporated
(21) 2019204028 **(22)** 07.06.2019
(54) HAMMER HEAD WITH INTERFERENCE FIT
(31) 16/204,395 **(32)** 29.11.18 **(33)** US

(71) Stryker Corporation
(21) 2019203873 **(22)** 03.06.2019
(54) SURGICAL SAGITTAL SAW WITH INDEXING HEAD AND TOOLLESS BLADE COUPLING ASSEMBLY FOR ACTUATING AN OSCILLATING TIP SAW BLADE AND OSCILLATING TIP SAW BLADE WITH SELF CLEANING HEAD
(62) 2016238942

(71) Syntrix Biosystems, Inc.
(21) 2019203931 **(22)** 05.06.2019
(54) 2- [5- [N- (4 -FLUOROPHENYL) CARBAMOYL] PYRIMIDIN- 2 - YL- SULFANYLMETHYL] -4- (TRIFLUOROMET HOXY) PHENYL] BORONIC ACID
(62) 2013395662

(71) Taranis Power Group Pty Ltd
(21) 2019203913 **(22)** 04.06.2019
(54) Fluid pump friction loss optimisation arrangement
(31) 2018902014 **(32)** 05.06.18 **(33)** AU

Complete Applications Filed - Name Index cont'd

(71) Taranis Power Group Pty Ltd
 (21) 2019203914 (22) 04.06.2019
 (54) Conductor loss optimisation in an electrical system for driving a pump
 (31) 2018902015 (32) 05.06.18 (33) AU

(71) Tata Consultancy Services Limited
 (21) 2019203933 (22) 05.06.2019
 (54) Systems and methods for data acquisition and asset inspection in presence of magnetic interference
 (31) 201821020933 (32) 05.06.18 (33) IN

(71) Teva Pharmaceuticals Australia Pty Ltd
 (21) 2019204016 (22) 07.06.2019
 (54) Anti-cd38 antibodies and fusions to attenuated interferon alpha-2b
 (62) 2013388126

(71) The Boeing Company
 (21) 2019203937 (22) 05.06.2019
 (54) Method and system for tuning a tow placement system
 (31) 16/036,383 (32) 16.07.18 (33) US

(71) The Boeing Company
 (21) 2019203963 (22) 06.06.2019
 (54) Ply location templates for double diaphragm vacuum bagging systems
 (31) 16/017,196 (32) 25.06.18 (33) US
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(71) The Boeing Company
 (21) 2019204002 (22) 07.06.2019
 (54) Flight deck display of MPA procedures
 (62) 2017235960

(71) The General Hospital Corporation
 (21) 2019203874 (22) 03.06.2019
 (54) Biotin complexes for treatment and diagnosis of Alzheimer's disease
 (62) 2013308519

The Scripps Research Institute see William Marsh Rice University
 (21) 2019204034

(71) Third Zeton Pty Ltd
 (21) 2019203909 (22) 04.06.2019
 (54) A double road train vehicle
 (31) 2019900866 (32) 15.03.19 (33) AU

(71) TNBT Holdings Pty Limited
 (21) 2019203982 (22) 06.06.2019
 (54) A Lock Assembly
 (62) 2017200723

(71) ULMA Packaging Technological Center, S.COOP.
 (21) 2019203919 (22) 05.06.2019

(54) Packaging method and machine
 (31) 18382564.5 (32) 27.07.18 (33) EP

UNIVERSITE DE MONTPELLIER see Centre National de la Recherche Scientifique
 (21) 2019203896

(71) University of Pittsburgh - of the Commonwealth System of Higher Education
 (21) 2019203902 (22) 04.06.2019
 (54) METHODS FOR PREPARATION OF A TERMINALLY STERILIZED HYDROGEL DERIVED FROM EXTRACELLULAR MATRIX
 (62) 2015231110

(71) Valsch Dynamic Mechtronics Ltd.
 (21) 2019203880 (22) 03.06.2019
 (54) Dual Voltage Battery Pack
 (31) 107119502 (32) 06.06.18 (33) TW

(71) Valsch Dynamic Mechtronics Ltd.
 (21) 2019203945 (22) 05.06.2019
 (54) Truck with Lowerable Bed
 (31) 107119503 (32) 06.06.18 (33) TW

(71) Valvoline Licensing and Intellectual Property LLC
 (21) 2019204001 (22) 07.06.2019
 (54) Extended operation engine coolant composition
 (62) 2018201662

(71) Vanda Pharmaceuticals Inc.
 (21) 2019203910 (22) 04.06.2019
 (54) TREATMENT OF CIRCADIAN RHYTHM DISORDERS
 (62) 2018201909

(71) VCell Therapeutics, Inc.
 (21) 2019203943 (22) 05.06.2019
 (54) GENERATING PLURIPOTENT CELLS DE NOVO
 (62) 2013251649

(71) Veltjens, K.
 (21) 2019203923 (22) 05.06.2019
 (54) A double sided docking port for ultra large container vessels providing access to ship by cranes on both sides loading and unloading direct to trains which are on a raised platform.

(71) Visa International Service Association
 (21) 2019203959 (22) 06.06.2019
 (54) Remote server encrypted data provisioning system and methods
 (62) 2015319804

VON DOREMAELE, M. see LEMMEN, J.

(21) 2019203890

(71) Vorwerk & Co Interholding GmbH
 (21) 2019203942 (22) 05.06.2019
 (54) Kitchen appliance for the at least partially automated processing of recipes and method for assisting in purchasing
 (31) 18 176 152.9 (32) 05.06.18 (33) EP

(71) W. L. Gore & Associates, Inc.
 (21) 2019204022 (22) 07.06.2019
 (54) Fluoropolymer barrier materials for containers
 (62) 2017202553

(71) Weber-Stephen Products LLC
 (21) 2019203941 (22) 05.06.2019
 (54) Digital power supply with wireless monitoring and control
 (62) 2018202490

(71) William Marsh Rice University; Bristol-Myers Squibb Company; The Scripps Research Institute
 (21) 2019204034 (22) 07.06.2019
 (54) DERIVATIVES OF UNCIALAMYCIN, METHODS OF SYNTHESIS AND THEIR USE AS ANTITUMOR AGENTS
 (62) 2014306592

(71) Xencor, Inc.
 (21) 2019203977 (22) 06.06.2019
 (54) Heterodimeric proteins
 (62) 2014232501

(71) XpandOrtho, Inc.
 (21) 2019203970 (22) 06.06.2019
 (54) Actuated Positioning Device For Arthroplasty And Methods Of Use
 (62) 2014337347

Numerical Index

2019203837	Optimedica Corporation	2019203937	The Boeing Company
2019203870	Phoenix Product Development Limited	2019203938	Levitation Sciences LLC
2019203871	Senator Boats 2017 Limited	2019203939	AbbVie Inc.
2019203872	IGT	2019203940	SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.
2019203873	Stryker Corporation	2019203941	Weber-Stephen Products LLC
2019203874	The General Hospital Corporation	2019203942	Vorwerk & Co Interholding GmbH
2019203875	CATERPILLAR INC.	2019203943	VCell Therapeutics, Inc.
2019203876	ModernaTX, Inc.	2019203944	Ali-Jak Holdings Pty Ltd
2019203877	SBI Biotech Co., Ltd.	2019203945	Valsch Dynamic Mechtronics Ltd.
2019203878	CareFusion 303, Inc.	2019203946	Semtech Corporation
2019203879	Ipateer Pty Ltd	2019203947	Husqvarna AB
2019203880	Valsch Dynamic Mechtronics Ltd.	2019203948	Schwihag AG Gleis- und Weichentechnik
2019203881	Cordynamix, Inc.	2019203949	Bugatone Ltd.
2019203882	LAA Industries Pty Ltd	2019203950	ESS Tech, Inc
2019203883	Fuji Xerox Co., Ltd.	2019203951	NCM Innovations (Pty) Ltd
2019203884	Baker Hughes, a GE company, LLC	2019203953	Nevro Corporation
2019203885	AABP Holdings Pty Ltd t/as Bell Marine	2019203954	B&L Biotech, Inc.
2019203886	CommScope Technologies LLC	2019203955	Bluebird Bio, Inc.
2019203887	NLIFE THERAPEUTICS, S.L.	2019203956	CSR Building Products Limited
2019203888	Hanmi Pharm. Co., Ltd.	2019203957	Becton, Dickinson and Company
2019203889	Bourgault Industries Ltd.	2019203958	Aristocrat Technologies Australia Pty Limited
2019203890	LEMMEN, J.; VON DOREMAELE, M.	2019203959	Visa International Service Association
2019203891	Hanmi Pharm. Co., Ltd.	2019203960	Clarity, Inc.
2019203892	Belgiorno-Nettis, A.; Goodwin, H.; Scarfone, R.	2019203962	Atrium Medical Corporation
2019203893	Covidien LP	2019203963	The Boeing Company
2019203894	Purplesun Inc.	2019203964	ATI Properties LLC
2019203895	Ocado Innovation Limited	2019203965	Crossroads Extremity Systems, LLC
2019203896	Centre National de la Recherche Scientifique; ABIVAX; Institut Curie; UNIVERSITE DE MONTPELLIER	2019203966	QuiaPEG Pharmaceuticals AB
2019203897	Hansen, M.; Roche, C.	2019203967	AFINITI EUROPE TECHNOLOGIES LIMITED
2019203898	HONEYWELL INTERNATIONAL INC.	2019203968	FISHER & PAYKEL HEALTHCARE LIMITED
2019203899	Ocado Innovation Limited	2019203969	Angel Playing Cards Co., Ltd.
2019203900	Fractyl Laboratories, Inc.	2019203970	XpandOrtho, Inc.
2019203901	Ocado Innovation Limited	2019203971	Janssen Biotech, Inc.
2019203902	University of Pittsburgh - of the Commonwealth System of Higher Education	2019203972	ACIPLATANE Pty Ltd
2019203903	Long Pipes Limited	2019203973	Aicobaie, M.
2019203904	Incube Labs, LLC	2019203974	Capnia, Inc.
2019203905	Biosense Webster (Israel) Ltd.	2019203975	Joy Global Surface Mining Inc
2019203906	Laerdal Medical AS	2019203976	Prothena Biosciences Limited
2019203907	Bry Air (Asia) Pvt. Ltd.	2019203977	Xencor, Inc.
2019203908	Applied Research Associates, Inc.	2019203978	Kuhn S.A.
2019203909	Third Zeton Pty Ltd	2019203979	Centurion Medical Products Corporation
2019203910	Vanda Pharmaceuticals Inc.	2019203980	Neuvana, LLC.
2019203911	SKF Australia Pty Ltd	2019203981	Canon Kabushiki Kaisha
2019203912	Aristocrat Technologies Australia Pty Limited	2019203982	TNBT Holdings Pty Limited
2019203913	Taranis Power Group Pty Ltd	2019203983	Google LLC
2019203914	Taranis Power Group Pty Ltd	2019203984	Qualcomm Incorporated
2019203915	Build Tiny Pte Ltd	2019203985	Google LLC
2019203916	National Geographic Society	2019203986	Palmer Labs, LLC; 8 Rivers Capital, LLC
2019203919	ULMA Packaging Technological Center, S.COOP.	2019203987	Motorola Solutions, Inc.
2019203920	Johnson & Johnson Vision Care, Inc.	2019203988	Accenture Global Solutions Limited
2019203922	Dezinal Pty Ltd	2019203989	Monash University; Hudson Institute of Medical Research
2019203923	Veltjens, K.	2019203990	GETINGE LA CALHENE
2019203924	GEORGETOWN UNIVERSITY	2019203991	SEBEL PTY LTD
2019203925	Island Breeze Systems CA, LLC	2019203992	Murray Trento & Associates Pty Ltd
2019203926	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	2019203993	Aclaris Therapeutics, Inc.
2019203927	Idex ASA	2019203994	Covidien LP
2019203928	Koninklijke Philips N.V.	2019203995	Mayne Pharma International Pty Ltd
2019203929	Cambridge,	2019203996	Biosense Webster (Israel) Ltd.
2019203930	LexisNexis, A Division of Reed Elsevier Inc.	2019203997	Deep Brain Innovations LLC
2019203931	Syntrix Biosystems, Inc.	2019203998	Covidien LP
2019203932	Apple Inc.	2019203999	Accenture Global Solutions Limited
2019203933	Tata Consultancy Services Limited	2019204000	Accenture Global Solutions Limited
2019203934	Garrett Thermal Systems Limited	2019204001	Valvoline Licensing and Intellectual Property LLC
2019203935	Levitation Sciences LLC	2019204002	The Boeing Company
2019203936	Armor	2019204003	Promat Australia Pty Ltd; Etex Building Performance GmbH

Complete Applications Filed - Numerical Index cont'd

2019204004 Martin, D.
2019204005 Covidien LP
2019204006 Implantica Patent Ltd
2019204007 Covidien LP
2019204008 Heraeus Medical GmbH
2019204009 MILWAUKEE ELECTRIC TOOL CORPORATION
2019204010 Biosense Webster (Israel) Ltd.
2019204011 LifeCell Corporation
2019204012 Dolby Laboratories Licensing Corporation
2019204014 Draslovka Services Pty Ltd
2019204015 Colgate-Palmolive Company
2019204016 Teva Pharmaceuticals Australia Pty Ltd
2019204017 Samsung Electronics Co., Ltd.
2019204018 Gen-Probe Incorporated
2019204020 Anthrogenesis Corporation
2019204021 Shyu, W.
2019204022 W. L. Gore & Associates, Inc.
2019204023 Biosense Webster (Israel) Ltd.
2019204024 Covidien LP
2019204025 Shindo Industry Co., Ltd.; Jeongdo Industry Co., Ltd
2019204026 Dolby International AB
2019204028 Snap-on Incorporated
2019204029 Candace Guidance Signage Ltd.
2019204030 Draslovka Services Pty Ltd
2019204031 Musculoskeletal Transplant Foundation
2019204032 Adobe Inc.
2019204033 Nalpropion Pharmaceuticals, Inc.
2019204034 William Marsh Rice University; Bristol-Myers Squibb Company; The Scripps Research Institute

Innovation Patent Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 4 Jun 2019 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) Apple Inc. (21) 2019100592 (22) 03.06.2019 (54) User interfaces for transfer accounts (31) 62/679,865 (32) 03.06.18 (33) US 62/852,590 24.05.19 US</p> <hr/> <p>(71) Apple Inc. (21) 2019100594 (22) 03.06.2019 (54) Systems and methods for activating and using a trackpad at an electronic device with a touch sensitive display and no force sensors (31) 62/679,964 (32) 03.06.18 (33) US 16/146,000 28.09.18 US PA 201870337 11.06.18 DK 201811143385.1 28.09.18 CN</p> <hr/> <p>(71) Austin Engineering Limited (21) 2019100585 (22) 31.05.2019 (54) A BUCKET AND A GROUND MOVING APPARATUS INCLUDING THE BUCK- ET (62) PCT/AU2018/050499</p> <hr/> <p>(71) Brooks, S.; Hall, S. (21) 2019100600 (22) 04.06.2019 (54) CONTROL ARRANGEMENT FOR GAMBLERS</p> <hr/> <p>(71) Churchill Nominees Australia Pty. Ltd (21) 2019100601 (22) 05.06.2019 (54) Flexible Ladder</p> <hr/> <p>(71) Dunn, S. (21) 2019100595 (22) 03.06.2019 (54) Locomotive Fire and Suppression Sys- tem The fire alarm control panel is used to provide an early warning to a pos- sible fire within a locomotive, wheth- er they are manned by an operator or monitored by a central control room for an unmanned locomotive. In the case of a confirmed fire, the fire control pan- el will release the fire suppression foam with the aim of extinguishing the fire and protecting the locomotive.</p> <hr/> <p>(71) Fuller Family Holdings Pty Ltd (21) 2019100605 (22) 05.06.2019 (54) Shelving with a display support strip (31) 2018902492 (32) 09.07.18 (33) AU (62) 2018204559</p>	<p>(71) Fuller Family Holdings Pty Ltd (21) 2019100606 (22) 05.06.2019 (54) A display support strip (62) 2018204559</p> <hr/> <p>Hall, S. see Brooks, S. (21) 2019100600</p> <hr/> <p>(71) IP Reserve Pty Ltd (21) 2019100598 (22) 04.06.2019 (54) A VEHICULAR LADDER AND A VEHICULAR LADDER SYSTEM</p> <hr/> <p>(71) OXTI CORPORATION (21) 2019100609 (22) 05.06.2019 (54) ELECTRONIC DEVICE THAT CAN BE INTEGRATED WITH CLAMP- ING-HOLDING SEAT</p> <hr/> <p>(71) OXTI CORPORATION (21) 2019100610 (22) 05.06.2019 (54) ELECTRICAL-CONNECTION LINE ANTI-THEFT DEVICE</p> <hr/> <p>(71) PARTYLOG PTY LTD (21) 2019100599 (22) 04.06.2019 (54) gatecrasher security using imported feed from face book event and QR code scanner in App development. Also image ranking algorithm</p> <hr/> <p>(71) Pei si International (Beijing) Co.Ltd (21) 2019100603 (22) 05.06.2019 (54) PROCESSING DEVICE FOR DRY GRINDING MAGNETITE AND BENEFI- CIATION PROCESS SYSTEM (31) CN201821790438.4(32) 01.11.18 (33) CN</p> <hr/> <p>(71) Pei si International (Beijing) Co.Ltd (21) 2019100604 (22) 05.06.2019 (54) A CLASSIFICATION BOX (31) CN201821790437.X(32) 01.11.18 (33) CN</p> <hr/> <p>(71) Shandong Rongye RV Manufacturing & Service Co., Ltd. (21) 2019100593 (22) 03.06.2019 (54) A Flipping Device and Vehicle Manufac- tured by Using the Same (31) 201811234660.0 (32) 23.10.18 (33) CN</p> <hr/> <p>(71) Shenzhen Emomo Tech Co., Ltd (21) 2019100596 (22) 04.06.2019</p>	<p>(54) SMART FURNITURE CONTROLLER WITH VOICE RECOGNITION (31) 201811410254.5 (32) 23.11.18 (33) CN 201821944052.4 23.11.18 CN</p> <hr/> <p>(71) Southwest University (21) 2019100608 (22) 05.06.2019 (54) Fast Supervised Discrete Hashing Al- gorithm Over Distributed Network</p> <hr/> <p>(71) Stocks Block Pty Ltd (21) 2019100597 (22) 04.06.2019 (54) Solar Panel Support (31) 2018902002 (32) 04.06.18 (33) AU</p> <hr/> <p>(71) Ungar, J. (21) 2019100607 (22) 05.06.2019 (54) JungaSwap Game is an innovative ex- tension utilising a standard 52-card deck of cards (no jokers) that teaches society how to swap, how to cheat, and how to stop cheating when swapping.</p>
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Numerical Index

2019100585	Austin Engineering Limited	2019100600	Brooks, S.; Hall, S.
2019100592	Apple Inc.	2019100601	Churchill Nominees Australia Pty. Ltd
2019100593	Shandong Rongye RV Manufacturing & Service Co., Ltd.	2019100603	Pei si International (Beijing) Co.Ltd
2019100594	Apple Inc.	2019100604	Pei si International (Beijing) Co.Ltd
2019100595	Dunn, S.	2019100605	Fuller Family Holdings Pty Ltd
2019100596	Shenzhen Emomo Tech Co., Ltd	2019100606	Fuller Family Holdings Pty Ltd
2019100597	Stocks Block Pty Ltd	2019100607	Ungar, J.
2019100598	IP Reserve Pty Ltd	2019100608	Southwest University
2019100599	PARTYLOG PTY LTD	2019100609	OXTI CORPORATION
		2019100610	OXTI CORPORATION

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

1999032342 (14)	1999032343 (14)	1999032394 (14)
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 2019203703 (12AN)

Assignments before Grant, Section 113

2014

2014361747 Swivelpole Patent Pty Ltd The application has been assigned to **Koekstone IP Pty Ltd**

2014377337 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**

2015

2015218865 Argos Therapeutics, Inc. The application has been assigned to **Coimmune, Inc.**

2015241096 Cristal USA Inc. The application has been assigned to **Tronox LLC**

2015246468 Tyco Electronics (Shanghai) Co., Ltd. The application has been assigned to **CommScope Telecommunications (Shanghai) Co. Ltd.**

2015263830 Reflex Technology International Pty Ltd The application has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

Assignments before Grant, Section 113

- 2015276393 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2015276544 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2015294052 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2015295346 Pfizer Inc. The application has been assigned to **Allogene Therapeutics, Inc.**
- 2015328082 WizConnected Company Limited The application has been assigned to **Wiz Connected Lighting Co. Limited**
- 2015336930 Ott, Kai; Jabbal, Guru; Parfitt, Richard; Imdex Global B.V. The application has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**
- 2015353376 Vaxliant, LLC The application has been assigned to **HUVEPHARMA, INC.**
- 2015366617 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2016**
- 2016200598 AVENTIS PHARMA S.A. The application has been assigned to **Sanofi Mature IP**
- 2016212242 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2016212243 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2016218082 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2016229921 Financial & Risk Organisation Limited The application has been assigned to **Refinitiv US Organization LLC**
- 2016306707 Swivelpole Patent Pty Ltd The application has been assigned to **Koekstone IP Pty Ltd**
- 2016321728 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2016335675 Tang-Liu, Diane; Liu, Tiffany The application has been assigned to **AiViva BioPharma, Inc.**
- 2016392368 Horimasa City Farm Inc. The application has been assigned to **Horimasa Co., Ltd.**
- 2016396880 WizConnected Company Limited The application has been assigned to **Wiz Connected Lighting Co. Limited**
- 2016396881 WizConnected Company Limited The application has been assigned to **Wiz Connected Lighting Co. Limited**

Assignments before Grant, Section 113

- 2017**
- 2017204208 Financial & Risk Organisation Limited The application has been assigned to **Refinitiv US Organization LLC**
- 2017232227 AVENTIS PHARMA S.A. The application has been assigned to **Sanofi Mature IP**
- 2017240847 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**
- 2017256288 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**
- 2017261798 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited; Sharp Kabushiki Kaisha**
- 2017268653 Telefonaktiebolaget LM Ericsson (publ) The application has been assigned to **Guangdong Oppo Mobile Telecommunications Corp., Ltd.**
- 2017274573 X TEC Pty Ltd The application has been assigned to **Hangar 23 Pty Ltd**
- 2017301410 Aiviva Holding Limited The application has been assigned to **AiViva BioPharma, Inc.**
- 2017312662 Jones, Mitchell Lawrence; Philippsen, Aaron Olafur Laurence; Wahl, Christopher Loren; Driik, Mark; Allan, Nicholas David; Singh, Sharat; McGuinness, Ryan Paul; Magyar, Robert S. The application has been assigned to **Progenity, Inc.**
- 2017326616 Pebble Labs The application has been assigned to **Pebble Labs USA Inc.**
- 2017902965 Australian Wire Products Pty Ltd The application has been assigned to **Australian Rural Industries Pty Ltd**
- 2018**
- 2018204740 Australian Wire Products Pty Ltd The application has been assigned to **Australian Rural Industries Pty Ltd**
- 2018260881 THOMSON Licensing The application has been assigned to **InterDigital VC Holdings, Inc.**
- 2018271388 Noxxon Pharma AG The application has been assigned to **APTARION biotech AG**
- 2018901984 Bobbawobba Limited; CUMMINS, IAN The application has been assigned to **Guthalungra Holdings LLC Nevis**
- 2018902145 Shinde, Tanvi; Eri, Rajamaran; Taylor, Kent; Edwards, Gordon; Stanley, Roger The application has been assigned to **University of Tasmania**
- 2018903686 RCR Tomlinson Ltd The application has been assigned to **RCR Mining Technologies Pty Ltd**

Assignments before Grant, Section 113

2019

2019203514 **AVENTIS PHARMA S.A.** The application has been assigned to **Sanofi Mature IP**

2019901167 **CUMMINS, IAN** The application has been assigned to **Guthalungra Holdings LLC Nevis**

Extensions of Time, Section 223

Applications Received

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

2010

2010278667 **McCallum, P.** An application to extend the time from 29 Jul 2018 to 28 Feb 2019 in which to pay the renewal fee has been filed . Address for service - Eagar & Associates Pty Ltd P.O. Box 1499 Oxenford QLD 4210 AU

2013

2013278007 **Suganit Systems, Inc** An application to extend the time from 21 Jun 2018 to 21 Apr 2019 in which to pay the renewal fee has been filed . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2013341867 **3DP Modelling AS** An application to extend the time from 07 Nov 2018 to 07 Jun 2019 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014

2014295912 **SG Ventures Pty Limited** An application to extend the time from 29 Jul 2018 to 29 Mar 2019 in which to pay a renewal fee has been filed . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2014318558 **Fine Agrochemicals Ltd.** An application to extend the time from 12 Sep 2018 to 12 Apr 2019 in which to pay the renewal fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Applications Allowed - Section 223(2)

2013

2013101052 **HEADLAM, S.** The time in which to pay the renewal fee has been extended to 05 Apr 2019 . Address for service - Patent Attorney Services 4/26 Ellingworth Pde Box Hill VIC 3128 AU

2015

2015274731 **Levitation Sciences LLC** The time in which to request examination has been extended to 06 Apr 2019 . Address for service - K&L Gates South Tower L 25 525 Collins St Melbourne VIC 3000 AU

2016

2016225131 **Wrap Nation Limited** The process in which to request Examination has been extended to 13 Jun 2019 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

Extensions of Time, Section 223

2017

2017218392 **Em Device Lab, Inc.** The time in which to enter the National Phase has been extended to 08 Jan 2019 . Address for service - Watermark Intellectual Property Pty Ltd L 1 109 Burwood Rd Hawthorn VIC 3122 AU

2017344056 **Pur Equipamentos Industriais Ltda** The time in which to enter the National Phase has been extended to 11 Jun 2019 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

Section 223(1) Allowances

2016

2016240390 **Catapult Group International Ltd** The time in which to gain acceptance has been extended to 29 Jul 2019

Amendments

Applications for Amendment

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

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

2012

2012259162 Deimmunized serum-binding domains and their use for extending serum half-life **MacroGenics, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 May 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014317215 Compositions featuring an attenuated Newcastle disease virus and methods of use for treating neoplasia **MedImmune Limited** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2014331794 Inhibitors of KRAS G12C **Araxes Pharma LLC** The nature of the amendment is as shown in the statement(s) filed 21 May 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015264330 A system for controlling wellbore pressure during pump shutdowns **Power Chokes** The nature of the amendment is as shown in the statement(s) filed 21 May 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2015274451 Residence structures and related methods **Massachusetts Institute of Technology ; The Brigham And Women's Hospital, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2019 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2015274451 Residence structures and related methods **Massachusetts Institute of Technology ; The Brigham And Women's Hospital,**

Amendments

al, Inc. The nature of the amendment is as shown in the statement(s) filed 06 Jun 2019 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2016

2016216695 Product management display system with trackless pusher mechanism **RTC Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016261453 Fabry disease gene therapy **UCL Business plc** The nature of the amendment is as shown in the statement(s) filed 06 Jun 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016264749 Low alloy third generation advanced high strength steel **AK Steel Properties, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 May 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016352072 Insect repellent composition and method of use **Neo-Innova Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 15 May 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2017

2017235891 Diamide compounds having muscarinic receptor antagonist and beta2 adrenergic receptor agonist activity **Theravance Respiratory Company** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017241549 Input device with force sensor **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 21 May 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

Amendments Made

2014

2014277870 **Adfresh Farms Pty Ltd** The nature of the amendment is: The application is to proceed under the number 2014101654

2014300853 **Lesaffre Et Compagnie; Ecole Nationale Superieure Des Sciences Agronomiques De Bordeaux Aquitaine (Bordeaux Sciences Agro)** The nature of the amendment is: Amend the name of the inventor to read Taillade, Patrick and Urdaci, Maria

2014330089 **Agency for Science, Technology and Research** The nature of the amendment is as shown in the statement filed 01 Mar 2019

2014373701 **Google LLC** The nature of the amendment is as shown in the statement filed 28 Feb 2019

2014405569 **Micro Motion, Inc.** The nature of the amendment is as shown in the statements filed 03 Sep 2018, 15 Nov 2018 and 01 Feb 2019

Amendments

2015

2015208009 **L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude** The nature of the amendment is as shown in the statement filed 04 Mar 2019

2015219149 **The Procter & Gamble Company** The nature of the amendment is as shown in the statements filed 21 Jun 2018 and 17 Sep 2018

2015261519 **Universitat Autònoma De Barcelona; ESTEVE PHARMACEUTICALS, S.A.** The nature of the amendment is: Amend the name of the inventor to read Bosch Tubert, M Fatima; Haurigot Mendonça, M. Virginia and Ribera Sanchez, Albert

2015308437 **Asceneuron SA** The nature of the amendment is as shown in the statement filed 20 Feb 2019

2016

2016238069 **Panasonic Intellectual Property Management Co., Ltd.** The nature of the amendment is as shown in the statement filed 14 Mar 2019

2016261628 **Atrium Medical Corporation; Grziwa, W.; Peatfield, G.** The nature of the amendment is: Amend the name of the inventor to read Grziwa, Wolfram; Peatfield, Greg and Corbeil, Scott E.

2016265990 **Stratco (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2016102417

2016269447 **Ionis Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 12 Mar 2019

2016374757 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Metal Strip Stabilizer and Method for Manufacturing Hot-Dip Coated Metal Strip

2016385470 **Google LLC** The nature of the amendment is as shown in the statement filed 14 Feb 2019

2016399463 **Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences** The nature of the amendment is as shown in the statement filed 13 Mar 2019

2016430120 **Hu, B.** The nature of the amendment is: Amend the invention title to read Protection method for electric wrench motor and electric wrench thereof

2017

2017101796 **Dometic Sweden AB** The nature of the amendment is: Amend the name of the inventor to read undqvist, Anton; Peng, Wang; Bin, Zhang Yong and Li, Weng Xiao

2017215201 **Arrakis Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Petter, Russell C. and Barsoum, James Gregory

2017268840 **Lyndra, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bellinger, Andrew; Kanasty, Rosemary; Grant, Tyler; Bhise, Nupura; Debenedictis, Robert; Yang, Jung; Zale, Stephen and Klier, John

Amendments

2017289450 **The United States of America, as represented by the Secretary, Department of Health and Human Services** The nature of the amendment is: Amend the name of the inventor to read Oppenheim, Joost J.; Yang, De; Han, Zhen; Barchi, Joseph John and Bustin, Michael

2017331737 **Dome Consulting Australia Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Cilia, Robert

2017333446 **Gavish-Galilee Bio Applications Ltd.; Impact-Bio Ltd.** The nature of the amendment is: Amend the name of the inventor to read Gross, Gideon; Beiman, Merav; Gibson, William and Dahary, Dvir

2017334682 **Sharp Kabushiki Kaisha; FG Innovation Company Limited** The nature of the amendment is: Amend the invention title to read Terminal apparatus, base station apparatus, communication method, and integrated circuit

2017352948 **ZTE Corporation** The nature of the amendment is: Amend the invention title to read Handover Method and Apparatus

2017353312 **Hg3 S.à.r.l.** The nature of the amendment is: Amend the invention title to read bsorption, signalling and picking up of a potentially hazardous product

2017355776 **NTT DOCOMO, Inc.** The nature of the amendment is: Amend the invention title to read User terminal and radio communication method

2017359491 **NTT DoCoMo, Inc.** The nature of the amendment is: Amend the invention title to read User terminal and radio communication method

2017361325 **Luca Science Inc.** The nature of the amendment is: Amend the invention title to read Method for producing myocardial stem cell for use in treatment and/or prevention of cardiac arrest

2017366410 **Huang, L.** The nature of the amendment is: Amend the invention title to read RECONSTITUTED RSV ANTIGENS, NUCLEIC ACID MOLECULES ENCODING THE ANTIGENS, AND VACCINE COMPOSITIONS COMPRISING THE SAME

2017367371 **Aisin Keikinzoku Co.,Ltd.** The nature of the amendment is: Amend the invention title to read Aluminum alloy for extruded material, extruded material using the same, and method for producing extruded material

2017369091 **Fujikura Ltd.** The nature of the amendment is: Amend the invention title to read OPTICAL CABLE AND SHEATH REMOVING METHOD

2018

2018202778 **SunAmp Limited** The nature of the amendment is: Amend the name of the inventor to read BISSELL, Andrew; GATAORA, Santokh Singh and ZAGLIO, Maurizio

2018208505 **Arrowhead Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Li, Zhen; Zhu, Rui; Wooddell, Christine I. and Pei, Tao

Amendments

2018241564 **Fruithy Holdings Limited** The nature of the amendment is: Amend the invention title to read Insoluble complex or solvate thereof, pharmaceutical composition and use thereof

2018364223 **Guangdong Institute of Applied Biological Resources** The nature of the amendment is: Amend the invention title to read QUALITY EVALUATION METHODS FOR INDIVIDUAL AND POPULATION OF MATURED GUANG-DILONG EARTHWORMS

2019

2019200443 **Valmont Highway International Pty Limited** The nature of the amendment is: Amend the name of the inventor to read DIEHL, Andrew Karl; SARRATT, Andrew Michael; READMAN, Kenneth Lloyd; NEWMAN, Alexander Peter Hannibal; ALLINGTON, Christopher James; BEALE, Andrew John and BROWN, Leigh Robert

2019202515 **Turnstone Limited Partnership** The nature of the amendment is: Amend the name of the inventor to read STOJDL, David F; BELL, John Cameron and LICHTY, Brian

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

2003

2003259632 ResMed Limited The name of the patentee has been altered to **ResMed Pty Ltd**

2006

2006206044 ResMed Limited The name of the patentee has been altered to **ResMed Pty Ltd**

2007

2007202796 ResMed Limited The name of the patentee has been altered to **ResMed Pty Ltd**

2007203731 ResMed Limited The name of the patentee has been altered to **ResMed Pty Ltd**

2007249199 Avidbiotics Corporation The name of the patentee has been altered to **XYPHOS BIOSCIENCES INC.**

2011

2011258080 Avidbiotics Corp. The name of the patentee has been altered to **XYPHOS BIOSCIENCES INC.**

2011276983 Adhaere Pharmaceuticals, Inc. The name of the patentee has been altered to **GB006, Inc.**

2012

2012332933 Southern Imperial LLC The name of the patentee has been altered to **Fasteners for Retail, Inc.**

2013

2013231564 cortical.io GmbH The name of the patentee has been altered to **cortical.io AG**

2014

2014293542 Optimedica Coporation The name of the applicant has been altered to **Optimedica Corporation**

Amendments

2015

2015264495 Babcock & Wilcox Company The name of the applicant has been altered to **The Babcock & Wilcox Company**

2015299050 cortical.io GmbH The name of the applicant has been altered to **cortical.io AG**

2015342937 AvidBiotics Corp. The name of the applicant has been altered to **XYPHOS BIOSCIENCES INC.**

2016

2016202918 Adhaere Pharmaceuticals, Inc. The name of the patentee has been altered to **GB006, Inc.**

2016311039 cortical.io GmbH The name of the applicant has been altered to **cortical.io AG**

2016321431 Shasqi, Inc. The name of the applicant has been altered to **Tambo, Inc.**

2017

2017225144 Duke University; Children's Medical Center Corporation; The Government of the United States, as Represented by the Secretary of the Army on Behalf of Walter Reed Army Institute of Research The name of the applicant has been altered to **Duke University; Children's Medical Center Corporation; The Government of the United States, as Represented by the Secretary of the Army**

2017252150 VK Integrated Systems The name of the applicant has been altered to **VK Integrated Systems, Inc.**

2017329112 ResMed Limited The name of the applicant has been altered to **ResMed Pty Ltd**

2017349492 Solids.Experts AS The name of the applicant has been altered to **BRI CLEANUP AS**

2017349493 Solids.Experts AS The name of the applicant has been altered to **BRI CLEANUP AS**

2018

2018902126 The University of Sydney The name of the applicant has been altered to **The Westmead Institute for Medical Research; Western Sydney Local Health District; The Victor Chang Cardiac Research Institute; The University of Sydney**

2018903745 The University of Melbourne; Auckland Uniservices Limited The name of the applicant has been altered to **Cedars-Sinai Medical Centre; The University of Melbourne; Auckland Uniservices Limited**

2018904404 Silicon Quantum Computing The name of the applicant has been altered to **NewSouth Innovations**

2019

2019201618 Acerus Pharmaceuticals SRL The name of the applicant has been altered to **Acerus Biopharma Inc.**

Amendments

2019203066 Acerus Pharmaceuticals SRL The name of the applicant has been altered to **Acerus Biopharma Inc.**

2019203067 Acerus Pharmaceuticals SRL The name of the applicant has been altered to **Acerus Biopharma Inc.**

2019203131 Rookwood General Cemeteries Reserve Trust The name of the applicant has been altered to **Rookwood General Cemeteries Reserve Land Manager**

2019203400 Acerus Pharmaceuticals SRL The name of the applicant has been altered to **Acerus Biopharma Inc.**

2019203588 Immigates Pty Ltd The name of the applicant has been altered to **Immigates International Pty Ltd**

2019900260 ResMed Pty Limited The name of the applicant has been altered to **ResMed Pty Ltd**

2019900644 RESMED LIMITED The name of the applicant has been altered to **ResMed Pty Ltd**

2019901040 RESMED PTY LTD The name of the applicant has been altered to **ResMed Pty Ltd**

2019901041 RESMED PTY LTD The name of the applicant has been altered to **ResMed Pty Ltd**

2019901043 RESMED PTY LTD The name of the applicant has been altered to **ResMed Pty Ltd**

2019901502 RESMED LIMITED The name of the applicant has been altered to **ResMed Pty Ltd**

2019901582 Superbolt, Inc. The name of the applicant has been altered to **Nord-Lock Switzerland GmbH**

Applications Open to Public Inspection

Name Index

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

(71) 4C Design Limited; Meat & Livestock Australia Limited
 (11) AU-A-2019203731
 (21) 2019203731 (22) 28.05.2019
 (54) An Injector
 (51) Int. Cl.
 A61M 5/315 (2006.01)
 A61D 1/06 (2006.01)
 A61M 5/46 (2006.01)
 (43) 20.06.2019
 (62) 2016314036
 (72) Smith, Robin; Wilson, Joe; Penver, Mark; Richie, John; Harris, Tom
 (74) Adams Pluck

(71) 4D Pharma Research Limited
 (11) AU-A-2019203688
 (21) 2019203688 (22) 27.05.2019
 (54) Polypeptide and immune modulation
 (51) Int. Cl.
 A61K 35/74 (2006.01)
 A61K 31/713 (2006.01)
 A61P 37/02 (2006.01)
 (43) 20.06.2019
 (62) 2014202021
 (72) Kelly, Denise; Patterson, Angela; Monnais, Edouard; Mulder, Imke
 (74) FB Rice Pty Ltd

(71) AbbVie Inc.
 (11) AU-A-2019203939
 (21) 2019203939 (22) 05.06.2019
 (54) Bromodomain inhibitors
 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 31/407 (2006.01)
 A61P 3/10 (2006.01)
 A61P 13/12 (2006.01)
 A61P 31/18 (2006.01)
 A61P 35/00 (2006.01)
 (43) 20.06.2019
 (62) 2017219100
 (72) WANG, Le; PRATT, John K.; McDANIEL, Keith F.; DAI, Yujia; FIDANZE, Steven D.; HASVOLD, Liza; HOLMS, James H.; KATI, Warren M.; LIU, Dachun; MANTEI, Robert A.; McCLELLAN, William J.; SHEPPARD, George S.; WADA, Carol K.
 (74) Spruson & Ferguson

ABIVAX see Centre National de la Recherche Scientifique
 (21) 2019203896

(71) Accenture Global Services Limited
 (11) AU-A-2019203752
 (21) 2019203752 (22) 29.05.2019

(54) ADAPTIVE QUALITY ASSURANCE MANAGEMENT SYSTEM
 (51) Int. Cl.
 G06Q 10/00 (2006.01)
 G06F 17/00 (2006.01)
 (43) 20.06.2019
 (62) 2017203099
 (72) JONES, David C.; KEPLER, Todd; GRICH, Lynn; SALAS, Sergio A.; FULTS, John
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019203697
 (21) 2019203697 (22) 27.05.2019
 (54) INTELLIGENT DATA EXTRACTION
 (51) Int. Cl.
 G06Q 10/10 (2012.01)
 G06F 17/21 (2006.01)
 G06K 9/00 (2006.01)
 H04N 1/00 (2006.01)
 (43) 20.06.2019
 (62) 2018200741
 (72) GHATAGE, Prakash; SAMPAT, Nirav; VISWANATHAN, Kumar; THANGARAJ, Naveen; MEENAKSHISUNDARAM, Karthik
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019203703
 (21) 2019203703 (22) 27.05.2019
 (54) QUANTUM OPTIMIZATION SYSTEM
 (51) Int. Cl.
 G06N 99/00 (2010.01)
 (43) 20.06.2019
 (62) 2018201944
 (72) WEICHENBERGER, Jurgen Albert
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019203747
 (21) 2019203747 (22) 29.05.2019
 (54) SCORING MECHANISM FOR DISCOVERY OF EXTREMIST CONTENT
 (51) Int. Cl.
 G06Q 50/00 (2012.01)
 G06F 16/00 (2019.01)
 (43) 20.06.2019
 (62) 2018202112
 (72) McCOY, Anthony; ZAMAN, Md Faisal; SHARPE, Carl; HAMITI, Sofian
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019203758
 (21) 2019203758 (22) 29.05.2019
 (54) AUTOMATIC ANALYSIS OF A SET OF SYSTEMS USED TO IMPLEMENT A PROCESS

(51) Int. Cl.
 G06Q 10/06 (2012.01)
 (43) 20.06.2019
 (62) 2018200748
 (72) GUHA, Arindam; JINDAL, Amit; HUGHES, Margaret; GOHN, Kelsey Marie
 (74) Murray Trento & Associates Pty Ltd

(71) AFINITI EUROPE TECHNOLOGIES LIMITED
 (11) AU-A-2019203809
 (21) 2019203809 (22) 31.05.2019
 (54) TECHNIQUES FOR HYBRID BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM
 (51) Int. Cl.
 H04M 3/523 (2006.01)
 (43) 20.06.2019
 (62) 2016364662
 (72) CHISHTI, Zia; KHATRI, Vikash
 (74) AJ PARK

(71) AFINITI EUROPE TECHNOLOGIES LIMITED
 (11) AU-A-2019203812
 (21) 2019203812 (22) 31.05.2019
 (54) TECHNIQUES FOR HYBRID BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM
 (51) Int. Cl.
 H04M 3/523 (2006.01)
 (43) 20.06.2019
 (62) 2016361672
 (72) CHISHTI, Zia; KHATRI, Vikash
 (74) AJ PARK

(71) Aloj Group Pty Ltd
 (11) AU-A-2019203704
 (21) 2019203704 (22) 28.05.2019
 (54) POOL COVER SYSTEMS AND METHODS
 (51) Int. Cl.
 E04H 4/10 (2006.01)
 E04H 4/06 (2006.01)
 (43) 20.06.2019
 (62) 2017218455
 (72) ALOI, Nicholas
 (74) Adam Law Patent & Trade Mark Attorney

(71) ALSTOM Transport Technologies
 (11) AU-A-2018271317
 (21) 2018271317 (22) 29.11.2018
 (54) Railway vehicle comprising an emergency braking device
 (51) Int. Cl.
 B61C 15/00 (2006.01)
 (31) 1761639 (32) 05.12.17 (33) FR

Applications Open to Public Inspection - Name Index cont'd

(43) 20.06.2019
 (72) Hallonet, Frederic
 (74) Davies Collison Cave Pty Ltd

(71) Angel Playing Cards Co., Ltd.
 (11) AU-A-2018271339
 (21) 2018271339 (22) 29.11.2018
 (54) Management system
 (51) Int. Cl.

A63F 1/18 (2006.01)
A47B 25/00 (2006.01)
A63F 1/06 (2006.01)
G06T 7/00 (2017.01)
G07C 11/00 (2006.01)

(31) 2017-233190 (32) 05.12.17 (33) JP
 (43) 20.06.2019
 (72) Shigeta, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019203723
 (21) 2019203723 (22) 28.05.2019
 (54) User interface for application management for a mobile device
 (51) Int. Cl.

G06F 9/44 (2006.01)
G06F 9/445 (2006.01)

(43) 20.06.2019
 (62) 2016250485
 (72) LEMAY, Steve; KELLY, Sean
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019203727
 (21) 2019203727 (22) 28.05.2019
 (54) Intelligent device identification
 (51) Int. Cl.

G06F 17/00 (2006.01)
G10L 15/26 (2006.01)
G10L 21/16 (2013.01)
H04R 25/00 (2006.01)

(43) 20.06.2019
 (62) 2016331484
 (72) NEWENDORP, Brandon J.; NAPOLITANO, Lia T.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2019203776
 (21) 2019203776 (22) 29.05.2019
 (54) Touch input cursor manipulation
 (51) Int. Cl.

G06F 3/0488 (2013.01)

(43) 20.06.2019
 (62) 2016233792
 (72) ALONSO RUIZ, Marcos; LEMAY, Stephen O.; JON, Tiffany S.; KING, Nicholas V.; CHAUDHRI, Imran A.; COFFMAN, Patrick L.; WINER, Morgan H.; JONG, Nicholas K.; FETTES, Alastair K.; FEDERIGHI, Craig M.
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Research Associates, Inc.
 (11) AU-A-2019203908
 (21) 2019203908 (22) 04.06.2019

(54) Hydrothermal cleanup process
 (51) Int. Cl.

C10G 9/00 (2006.01)
C10G 9/18 (2006.01)

(43) 20.06.2019
 (62) 2016211580
 (72) Coppola, Edward N.; Red Jr., Charles; Nana, Sanjay
 (74) MINTER ELLISON

(71) ARCADYAN TECHNOLOGY CORPORATION

(11) AU-A-2018267566
 (21) 2018267566 (22) 20.11.2018
 (54) WIRELESS NETWORK DEVICE AND ASSOCIATED WIRELESS NETWORK ACCESS METHOD
 (51) Int. Cl.

H04W 48/20 (2009.01)
H04W 88/08 (2009.01)

(31) 106142278 (32) 01.12.17 (33) TW
 (43) 20.06.2019
 (72) ZHENG, Jun; LEE, Chih-Fang
 (74) PIPERS

(71) Argenta Manufacturing Limited; WIN, S.; DEVARAJ, G.

(11) AU-A-2019203788
 (21) 2019203788 (22) 30.05.2019
 (54) CHEWABLE FORMULATION
 (51) Int. Cl.

A61K 47/00 (2006.01)

(43) 20.06.2019
 (62) 2017221825
 (72) WIN, Su; DEVARAJ, Gopinath; CLEVERLY, Douglas Robert; GILL, David Anthony; DAVIES, Keryn; AGARWAL, Priyanka
 (74) Dentons New Zealand Limited

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2019203739
 (21) 2019203739 (22) 28.05.2019
 (54) A GAMING SYSTEM AND A METHOD OF GAMING
 (51) Int. Cl.

A63F 5/02 (2006.01)
A63F 7/28 (2006.01)

(43) 20.06.2019
 (62) 2017216510
 (72) KIM, Hyong Joo
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2019203803
 (21) 2019203803 (22) 30.05.2019
 (54) A Gaming System and Method of Gaming
 (51) Int. Cl.

A63F 13/825 (2014.01)

(43) 20.06.2019
 (62) 2017201964
 (72) Chapple, Lauren
 (74) Griffith Hack

Assembly Biosciences, Inc. see Indiana University Research and Technology Corporation
 (21) 2019203754

(71) Baker Hughes, a GE company, LLC
 (11) AU-A-2019203884
 (21) 2019203884 (22) 03.06.2019
 (54) Multiple downhole sensor digital alignment using spatial transforms
 (51) Int. Cl.

E21B 44/00 (2006.01)
E21B 41/00 (2006.01)
E21B 47/12 (2006.01)

(43) 20.06.2019
 (62) 2016346921
 (72) Yao, Richard Jin; Sullivan, Eric C.; Makkar, Navish
 (74) FPA Patent Attorneys Pty Ltd

Baxter Healthcare SA see Baxter International Inc.
 (21) 2019203680

(71) Baxter International Inc.; Baxter Healthcare SA

(11) AU-A-2019203680
 (21) 2019203680 (22) 27.05.2019
 (54) SYSTEM AND METHOD FOR PERITONEAL DIALYSIS EXCHANGES HAVING REUSABLE ENERGIZING UNIT
 (51) Int. Cl.

A61M 1/16 (2006.01)
A61L 2/00 (2006.01)
A61L 2/10 (2006.01)
A61M 1/28 (2006.01)

(43) 20.06.2019
 (62) 2018229421
 (72) Minkus, Marc S.
 (74) Peter Maxwell & Associates

(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.

(11) AU-A-2019203926
 (21) 2019203926 (22) 05.06.2019
 (54) Systems and methods for performing location-based actions
 (51) Int. Cl.

H04W 4/00 (2009.01)

(43) 20.06.2019
 (62) 2017265121
 (72) Bai, Jingwen; Cao, Yuchu
 (74) Shelston IP Pty Ltd.

(71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.

(11) AU-A-2018282297
 (21) 2018282297 (22) 01.06.2018
 (54) Cooling system for shafting and control method thereof, and wind turbine
 (51) Int. Cl.

F03D 80/60 (2016.01)

(31) 201711278833.4 (32) 06.12.17 (33) CN

Applications Open to Public Inspection - Name Index cont'd

- (43) 20.06.2019
 (72) Gao, Yang; Bai, Luolin; Yin, Ran; Fang, Tao; Liang, Kunfeng
 (74) Madderns Pty Ltd
-
- (71) Beijing Juntai Innovation Technology Co., Ltd.
 (11) AU-A-2018236788
 (21) 2018236788 (22) 27.09.2018
 (54) Solar cell sheet and preparation method thereof, solar cell string and photovoltaic module
 (51) Int. Cl.
H01L 31/042 (2014.01)
H01L 31/05 (2014.01)
H01L 31/18 (2006.01)
 (31) 201721672980.5 (32) 05.12.17 (33) CN
 201711268793.5 05.12.17 CN
 (43) 20.06.2019
 (72) YU, Cao; YANG, Miao; XU, Xixiang
 (74) Cotters Patent & Trade Mark Attorneys
-
- (71) Bennett, H.
 (11) AU-A-2018203035
 (21) 2018203035 (22) 01.05.2018
 (54) Water Wave Generator - WAVE GENERATING ACTION / MECHANISM FOR WAVEPOOLS.
 (51) Int. Cl.
E04H 4/00 (2006.01)
A63B 69/12 (2006.01)
 (31) 2017904861 (32) 01.12.17 (33) AU
 (43) 20.06.2019
 (72) Bennett, Harland
 (74) Harland Bennett
-
- (71) BioAtla, LLC
 (11) AU-A-2019203813
 (21) 2019203813 (22) 31.05.2019
 (54) Simultaneous, Integrated Selection and Evolution of Antibody/Protein Performance and Expression in Production Hosts
 (51) Int. Cl.
C12P 21/06 (2006.01)
C40B 30/04 (2006.01)
 (43) 20.06.2019
 (62) 2017203243
 (72) Short, Jay Milton
 (74) Allens Patent & Trade Mark Attorneys
-
- (71) Bioconix Pty Ltd
 (11) AU-A-2019203778
 (21) 2019203778 (22) 30.05.2019
 (54) A Substrate
 (51) Int. Cl.
A61F 13/00 (2006.01)
 (43) 20.06.2019
 (62) 2014306357
 (72) KNOTHE TATE, MELISSA
 (74) Griffith Hack
-
- (71) BL Technologies, Inc.
 (11) AU-A-2019203733
 (21) 2019203733 (22) 28.05.2019
-
- (54) Wastewater treatment with primary treatment and MBR or MABR-IFAS reactor
 (51) Int. Cl.
C02F 3/20 (2006.01)
 (43) 20.06.2019
 (62) 2015231819
 (72) Cote, Pierre Lucien; Pedersen, Steven Kristian; Syed, Wajahat Hussain; Peeters, Jeffrey Gerard; Adams, Nicholas William H.; Hong, Youngseck; Koops, Geert-Henk; Royston, James John
 (74) Davies Collison Cave Pty Ltd
-
- (71) Boston Scientific Neuromodulation Corporation
 (11) AU-A-2019203787
 (21) 2019203787 (22) 30.05.2019
 (54) Neuromodulation using stochastically-modulated stimulation parameters
 (51) Int. Cl.
A61N 1/36 (2006.01)
 (43) 20.06.2019
 (62) 2016268007
 (72) ZHU, Changfang
 (74) Spruson & Ferguson
-
- (71) Bourgault Industries Ltd.
 (11) AU-A-2019203760
 (21) 2019203760 (22) 29.05.2019
 (54) Quick depth adjustment for parallel arm openers
 (51) Int. Cl.
A01C 5/06 (2006.01)
A01B 49/02 (2006.01)
A01C 7/08 (2006.01)
 (43) 20.06.2019
 (62) 2017235926
 (72) Jagow, Scot
 (74) FB Rice Pty Ltd
-
- (71) BPAY Group Limited
 (11) AU-A-2019203761
 (21) 2019203761 (22) 29.05.2019
 (54) Addresses in financial systems
 (51) Int. Cl.
G06Q 40/00 (2006.01)
 (43) 20.06.2019
 (62) 2017208199
 (72) WILLIAMS, Richard Mark; BROWN, Keith Robert Goding
 (74) FB Rice Pty Ltd
-
- (71) Bright Structures Ltd
 (11) AU-A-2018271411
 (21) 2018271411 (22) 30.11.2018
 (54) A platform
 (51) Int. Cl.
E06C 7/16 (2006.01)
E04G 1/15 (2006.01)
 (31) 1720135.1 (32) 04.12.17 (33) GB
 (43) 20.06.2019
 (72) Bright, Stephen
 (74) LAMINAR IP PTY LTD
-
- (71) Britax Child Safety, Inc.
 (11) AU-A-2018274943
 (21) 2018274943 (22) 06.12.2018
 (54) UNIVERSAL CONSTRUCTION STROLLER
 (51) Int. Cl.
B62B 7/00 (2006.01)
B62B 9/00 (2006.01)
 (31) 62/595,286 (32) 06.12.17 (33) US
 (43) 20.06.2019
 (72) Zhao, Jay; Bennett, Joel Hyrum; Hoover, Brandon Cory; Calvert, Michael E.
 (74) Madderns Pty Ltd
-
- (71) Cardpool, Inc.
 (11) AU-A-2019203770
 (21) 2019203770 (22) 29.05.2019
 (54) Prepaid card exchange systems and associated methods
 (51) Int. Cl.
G06Q 20/06 (2012.01)
G06Q 20/18 (2012.01)
 (43) 20.06.2019
 (62) 2017201836
 (72) Friedlander, Jason
 (74) Davies Collison Cave Pty Ltd
-
- (71) CareFusion 303, Inc.
 (11) AU-A-2019203878
 (21) 2019203878 (22) 03.06.2019
 (54) Automatic association of medical elements
 (51) Int. Cl.
G06Q 50/00 (2006.01)
 (43) 20.06.2019
 (62) 2017201295
 (72) Barnes, Erik
 (74) FB Rice Pty Ltd
-
- (71) Cargill, Incorporated
 (11) AU-A-2019203673
 (21) 2019203673 (22) 25.05.2019
 (54) GLYCOSIDE COMPOSITIONS
 (51) Int. Cl.
A23L 2/60 (2006.01)
 (43) 20.06.2019
 (62) 2016264732
 (72) Carlson, Ting; Mortenson, Michael; Smith, Sean
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Centre National de la Recherche Scientifique; ABIVAX; Institut Curie; UNIVERSITE DE MONTPELLIER
 (11) AU-A-2019203896
 (21) 2019203896 (22) 04.06.2019
 (54) Compounds useful for treating cancer
 (51) Int. Cl.
C07D 215/38 (2006.01)
A61K 31/33 (2006.01)
A61K 31/444 (2006.01)
A61P 43/00 (2006.01)
C07D 401/12 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 20.06.2019
 (62) 2017202500
 (72) Roux, Pierre; Mahuteau, Florence; Najman, Romain; Tazi, Jamal; Gadea, Gilles; Scherrer, Didier; Brock, Carsten; Cahuzac, Nathalie
 (74) AJ PARK

Children's Hospital of Philadelphia see Mezzion Pharma Co., Ltd.
 (21) 2019203706

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 FORD, Peter Joseph; BUXTON, Jeffrey
 Joseph; MCALEER, Anne L.
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 (74) Davies Collison Cave Pty Ltd

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 (54) PROPELLANT BASED METERED
 DOSE INHALER AND FOOD APPLIC-
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 (72) HARTMAN, Michael S.
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 angle
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 (72) Carrafa, Joseph
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 Co.,Ltd; China University of Mining and
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 Zhang, Jinxiang; Zhu, Zhencai; Jiang,
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 Ltd; China University of Mining and
 Technology
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 (72) Gallois, Annabelle
 (74) Spruson & Ferguson

(71) Katholieke Universiteit Leuven; Uni-
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 (54) Fenfluramine for use in the treatment of
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C08L 97/02 (2006.01)
C09J 197/00 (2006.01)
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(54) MEMBRANE MODULE SYSTEM WITH BUNDLE ENCLOSURES AND PULSED AERATION AND METHOD OF OPERATION
(51) Int. Cl.
B01D 63/02 (2006.01)
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B01D 65/08 (2006.01)
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(54) Work machine and method of controlling work machine
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B60K 6/20 (2007.10)
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(54) Construction management system and construction management method
(51) Int. Cl.
G06Q 50/08 (2012.01)
E02D 17/18 (2006.01)
E02F 9/20 (2006.01)
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(21) 2019203749 **(22)** 29.05.2019
(54) Construction management system and construction management method
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G06Q 50/08 (2012.01)
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(71) LAA Industries Pty Ltd
(11) AU-A-2019203740
(21) 2019203740 **(22)** 28.05.2019
(54) MOTOR STARTING, SPEED AND VOLTAGE CONTROL SYSTEM INCLUDING THE METHODOLOGY UTILISED FOR DIRECTLY CONNECTED ISLANDED RECIPROCATING ENGINE POWERED GENERATORS
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H02K 5/04 (2006.01)
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(21) 2019203729 **(22)** 28.05.2019
(54) Laundry treating apparatus
(51) Int. Cl.
D06F 37/28 (2006.01)
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D06F 39/14 (2006.01)
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(54) Methods of reducing the risk of mortality associated with a medical treatment
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A61M 16/06 (2006.01)
A61B 5/00 (2006.01)
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(72) Potenziano, Jim; Stauffer, Joe
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2019203706
(21) 2019203706 **(22)** 28.05.2019
(54) METHODS OF IMPROVING MYOCARDIAL PERFORMANCE IN FONTAN PATIENTS USING UDENAFIL COMPOSITIONS
(51) Int. Cl.
A61K 31/519 (2006.01)
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A61K 31/7088 (2006.01)
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C12N 15/85 (2006.01)
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 (54) METHODS FOR PRODUCING TRANSGENIC PLANTS
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 (54) Netting Material
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A01G 9/14 (2006.01)
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A01G 13/02 (2006.01)
D04G 1/00 (2006.01)
E04F 10/00 (2006.01)
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C08G 77/16 (2006.01)
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 (54) Methods, systems and apparatus for controlling movement of transporting devices
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B65G 1/04 (2006.01)
G05D 1/00 (2006.01)
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 (54) Methods, systems and apparatus for controlling movement of transporting devices
 (51) Int. Cl.
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 (54) Methods, systems and apparatus for controlling movement of transporting devices
 (51) Int. Cl.
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B65G 1/04 (2006.01)
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C07K 19/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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A61K 39/02 (2006.01)
C07K 16/12 (2006.01)
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 (21) 2019203870 (22) 03.06.2019
 (54) Toilet pan body and its method of manufacturing
 (51) Int. Cl.
A47K 13/26 (2006.01)
A47K 13/24 (2006.01)
E03D 1/012 (2006.01)
E03D 1/32 (2006.01)
E03D 5/01 (2006.01)
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B60P 3/04 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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G10L 21/038 (2013.01)
G10L 19/02 (2006.01)
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 (54) PRODUCTION CELL LINE ENHANCERS
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C07K 16/00 (2006.01)
C12N 15/79 (2006.01)
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A23L 2/00 (2006.01)
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 (74) Knightsbridge Patent Attorneys

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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 17/06 (2006.01)
A61P 31/18 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
A61P 43/00 (2006.01)
C12N 5/10 (2006.01)
C12P 21/08 (2006.01)
G01N 33/53 (2006.01)
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C07K 14/495 (2006.01)
A61K 38/18 (2006.01)
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F16N 13/02 (2006.01)
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- (71) Stryker Corporation
 (11) AU-A-2019203130
 (21) 2019203130 (22) 03.05.2019
 (54) Method of cleaning bone stock
 (51) Int. Cl.
A61F 2/46 (2006.01)
 (43) 20.06.2019
 (62) 2016204134
 (72) Stratton, Dennis; Veldkamp, David J.; Heffernan, Eric M.; Goldenberg, Dave S.; Chamberlin, Chris; Diehl, Eric K.; Bernero, John P.; Lam, Vincent; Orand, Austin
 (74) Davies Collison Cave Pty Ltd
-
- (71) Stryker Corporation
 (11) AU-A-2019203873
 (21) 2019203873 (22) 03.06.2019
 (54) SURGICAL SAGITTAL SAW WITH INDEXING HEAD AND TOOLLESS BLADE COUPLING ASSEMBLY FOR ACTUATING AN OSCILLATING TIP SAW BLADE AND OSCILLATING TIP SAW BLADE WITH SELF CLEANING HEAD
 (51) Int. Cl.
A61B 17/14 (2006.01)
 (43) 20.06.2019
 (62) 2016238942
 (72) Cosgrove, Liam C.; Land, Trevor M.; Brindley, Robert; Walen, James G.
 (74) Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Sulzer Management AG
 (11) AU-A-2018264089
 (21) 2018264089 (22) 15.11.2018
 (54) Shredding assembly for a grinder pump and centrifugal grinder pump
 (51) Int. Cl.
F04D 7/04 (2006.01)
B02C 18/36 (2006.01)
 (31) 17205075.9 (32) 04.12.17 (33) EP
 (43) 20.06.2019
 (72) Burke, Michael; McDonald, Barry; Albadawi, Abdulleem
 (74) Watermark Intellectual Property Pty Ltd

TANDARRA ENGINEERING LIMITED see Roofing Industries Limited
 (21) 2018274840

(71) Telefonaktiebolaget LM Ericsson (publ)
 (11) AU-A-2019203810
 (21) 2019203810 (22) 31.05.2019
 (54) Methods and devices for broadcasting system information on demand
 (51) Int. Cl.
H04W 72/04 (2009.01)
H04W 72/12 (2009.01)
 (43) 20.06.2019
 (62) 2015413546
 (72) Li, Gen; Wang, Hai; Wang, Jianfeng
 (74) Watermark Intellectual Property Pty Ltd

(71) The a2 Milk Company Limited
 (11) AU-A-2019203684
 (21) 2019203684 (22) 27.05.2019
 (54) BETA-CASEIN A2 AND REDUCING OR PREVENTING SYMPTOMS OF LACTOSE INTOLERANCE
 (51) Int. Cl.
A61K 35/20 (2006.01)
A61P 1/00 (2006.01)
 (43) 20.06.2019
 (62) 2014287862
 (72) CLARKE, Andrew John; TRIVEDI, Malav Suchin
 (74) Catalyst Intellectual Property

(71) The Boeing Company
 (11) AU-A-2018256481
 (21) 2018256481 (22) 29.10.2018
 (54) Wireless tamper device
 (51) Int. Cl.
G08B 25/00 (2006.01)
G06F 21/88 (2013.01)
G08B 13/00 (2006.01)
 (31) 15/829,876 (32) 02.12.17 (33) US
 (43) 20.06.2019
 (72) PRICE, Wade T.; OLSEN, Bruce R.; ROEDER, Raymond
 (74) Spruson & Ferguson

(71) The Boeing Company
 (11) AU-A-2018271324
 (21) 2018271324 (22) 29.11.2018

(54) Curved heat shrink tubing and methods of making the same
 (51) Int. Cl.
B29C 53/08 (2006.01)
B29C 53/84 (2006.01)
 (31) 15/832,335 (32) 05.12.17 (33) US
 (43) 20.06.2019
 (72) SINCLAIR, James R.
 (74) FB Rice Pty Ltd

(71) The Boeing Company
 (11) AU-A-2018271371
 (21) 2018271371 (22) 30.11.2018
 (54) A system, valve, and method for liquid resin infusion
 (51) Int. Cl.
B29C 70/06 (2006.01)
B29C 70/68 (2006.01)
B29C 70/70 (2006.01)
 (31) 15/833,604 (32) 06.12.17 (33) US
 (43) 20.06.2019
 (72) ROBERTS, Richard W.; SEZAI, Kursat
 (74) FB Rice Pty Ltd

(71) The Boeing Company
 (11) AU-A-2019203693
 (21) 2019203693 (22) 27.05.2019
 (54) Systems, compositions, and methods for corrosion inhibition
 (51) Int. Cl.
C09D 5/00 (2006.01)
 (43) 20.06.2019
 (62) 2017251796
 (72) KINLEN, Patrick John; SAPPER, Erik David
 (74) Spruson & Ferguson

(71) The General Hospital Corporation
 (11) AU-A-2019203874
 (21) 2019203874 (22) 03.06.2019
 (54) Biotin complexes for treatment and diagnosis of Alzheimer's disease
 (51) Int. Cl.
C12N 15/11 (2006.01)
A61K 31/713 (2006.01)
A61P 25/28 (2006.01)
C12N 15/113 (2010.01)
 (43) 20.06.2019
 (62) 2013308519
 (72) ELMALEH, David R.
 (74) FB Rice Pty Ltd

(71) The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.; The United States Government as represented by The Secretary of the Army; The United States Government, as Represented by the Department of Health and Human Services
 (11) AU-A-2019203773
 (21) 2019203773 (22) 29.05.2019
 (54) Regenerative tissue grafts and methods of making same
 (51) Int. Cl.
C12N 5/0775 (2010.01)
A61F 2/02 (2006.01)

(43) 20.06.2019
 (62) 2015258180
 (72) JACKSON, Wesley M.; NESTI, Leon J.; TUAN, Rocky S.
 (74) Spruson & Ferguson

(71) The Raymond Corporation
 (11) AU-A-2018274849
 (21) 2018274849 (22) 04.12.2018
 (54) SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE WITH A MODULAR FRAME
 (51) Int. Cl.
B60P 1/02 (2006.01)
 (31) 62/594,771 (32) 05.12.17 (33) US
 (43) 20.06.2019
 (72) Standard, Adam Wayne; Yahner, Joseph Thomas; McLachlan, Robert Paul
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Trustee for the Curley Family Trust; Lynmac Welding Services
 (11) AU-A-2017228728
 (21) 2017228728 (22) 21.11.2017
 (54) Title: "Den-trap". An artificial den is inserted into the environment, made of four main components, with observation and trap door capabilities. Portable for two people, can be used for catching foxes, Den-trap made sturdy enough to remain in the environment for extended periods of time, pieces carried in and constructed on-site.
 (51) Int. Cl.
A01M 23/16 (2006.01)
 (43) 20.06.2019
 (72) Curley, Robert John
 (74) The Trustee for the Curley Family Trust

The United States Government, as Represented by the Department of Health and Human Services see The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
 (21) 2019203773

The United States Government as represented by The Secretary of the Army see The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
 (21) 2019203773

(71) ThyssenKrupp AG
 (11) AU-A-2019203801
 (21) 2019203801 (22) 30.05.2019
 (54) Combined system for producing steel and method for operating the combined system
 (51) Int. Cl.
C21B 5/06 (2006.01)
 (43) 20.06.2019
 (62) 2014361205
 (72) ACHATZ, Reinhold; WAGNER, Jens; OLES, Markus; SCHMÖLE, Peter;

Applications Open to Public Inspection - Name Index cont'd

- KLEINSCHMIDT, Ralph; GEHRMANN, Stefan; KOLBE, Bärbel; KRÜGER, Matthias Patrick
(74) Griffith Hack
-
- (71)** TouchPoint Medical, Inc.
(11) AU-A-2019203695
(21) 2019203695 **(22)** 27.05.2019
(54) MOBILE COMPUTER WORKSTATION
(51) Int. Cl.
A47B 21/013 (2006.01)
(43) 20.06.2019
(62) 2019201597
(72) Abu-Akel, Fouad Gerjes; Anumalasetty, S.N.K. Gupta; Radvanyi, Christopher M.; Roberts, Carey; Steele, Robert R.; Haiden, Karl; Zelena, John; Lin, John-son; Blackburn, Nick; Sobie, Robert
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Tricoya Technologies Ltd
(11) AU-A-2019203769
(21) 2019203769 **(22)** 29.05.2019
(54) Process for the acetylation of wood
(51) Int. Cl.
B27K 3/02 (2006.01)
B27K 3/34 (2006.01)
B27K 5/00 (2006.01)
C08H 8/00 (2010.01)
B01J 19/20 (2006.01)
(43) 20.06.2019
(62) 2015289144
(72) Pol, Bernardus Jozef Maria; Kappen, Theodorus Gerardus Marinus Maria
(74) Davies Collison Cave Pty Ltd
-
- (71)** TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED
(11) AU-A-2019203762
(21) 2019203762 **(22)** 29.05.2019
(54) Brushless can motor
(51) Int. Cl.
H02K 29/08 (2006.01)
H02K 5/04 (2006.01)
H02K 21/14 (2006.01)
(43) 20.06.2019
(62) 2015397721
(72) CHANG, Yijia; WEI, Kaiming; HE, Jianwei; QIAN, Zhicun
(74) Griffith Hack
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- (71)** Turun yliopisto
(11) AU-A-2018236819
(21) 2018236819 **(22)** 27.09.2018
(54) Treatment of HER2-dependent cancers by SORL1 inhibition
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/7088 (2006.01)
A61P 35/00 (2006.01)
C12N 15/113 (2010.01)
(31) 20176083 **(32)** 01.12.17 **(33)** FI
(43) 20.06.2019
(72) PIETILÄ, Mika; IVASKA, Johanna; SAHGAL, Pranshu
(74) Griffith Hack
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- (71)** Tyco Fire & Security GmbH
(11) AU-A-2019203824
(21) 2019203824 **(22)** 31.05.2019
(54) Pulse transmission synchronization
(51) Int. Cl.
G08B 13/24 (2006.01)
(43) 20.06.2019
(62) 2015218605
(72) ALICOT, Jorge F.; SOTO Manuel A.; LUO, Danhui; ALLEN, John A.
(74) Spruson & Ferguson
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- UNIVERSITE DE MONTPELLIER see Centre National de la Recherche Scientifique**
(21) 2019203896
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- University Hospital Antwerp see Katholieke Universiteit Leuven**
(21) 2019203832
-
- (71)** University of Pittsburgh - of the Commonwealth System of Higher Education
(11) AU-A-2019203902
(21) 2019203902 **(22)** 04.06.2019
(54) METHODS FOR PREPARATION OF A TERMINALLY STERILIZED HYDROGEL DERIVED FROM EXTRACELLULAR MATRIX
(51) Int. Cl.
A61L 27/52 (2006.01)
A61L 27/36 (2006.01)
(43) 20.06.2019
(62) 2015231110
(72) Badylak, Stephen F.; Dearth, Christopher Lee; Keane Jr., Timothy Joseph; Turner, Neill Jordan
(74) Madderns Pty Ltd
-
- (71)** University of South Australia
(11) AU-A-2018271386
(21) 2018271386 **(22)** 30.11.2018
(54) SYSTEM AND METHOD FOR DETERMINING THE REFRACTIVE INDEX OF A MATERIAL
(51) Int. Cl.
G01N 21/63 (2006.01)
G01N 21/17 (2006.01)
H01S 3/05 (2006.01)
H01S 5/10 (2006.01)
(31) 2017904859 **(32)** 01.12.17 **(33)** AU
(43) 20.06.2019
(72) Monro, Tanya; Francois, Alexandre
(74) Madderns Pty Ltd
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- (71)** Vanda Pharmaceuticals Inc.
(11) AU-A-2019203910
(21) 2019203910 **(22)** 04.06.2019
(54) TREATMENT OF CIRCADIAN RHYTHM DISORDERS
(51) Int. Cl.
A61K 31/00 (2006.01)
A61K 31/343 (2006.01)
G01N 33/68 (2006.01)
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- (43)** 20.06.2019
(62) 2018201909
(72) Dressman, Marlene Michelle; Licamele, Louis William; Polymeropoulos, Mihael H.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Vegas.com, LLC
(11) AU-A-2019203800
(21) 2019203800 **(22)** 30.05.2019
(54) Systems and methods for providing activity and participation incentives
(51) Int. Cl.
G06Q 30/02 (2012.01)
G06Q 50/10 (2012.01)
(43) 20.06.2019
(62) 2017203681
(72) GREENSPUN, Daniel Alan
(74) Griffith Hack
-
- (71)** VISION X ASIA CO.,LTD.; KO, I.H.
(11) AU-A-2018250407
(21) 2018250407 **(22)** 17.10.2018
(54) STRUCTURE FOR COMBINING CABLE AND CASING
(51) Int. Cl.
H01R 9/18 (2006.01)
(31) 10-2017-0166139 **(32)** 05.12.17 **(33)** KR
(43) 20.06.2019
(72) KO, IN HONG
(74) LAMINAR IP PTY LTD
-
- (71)** Vorwerk & Co. Interholding GmbH
(11) AU-A-2018274844
(21) 2018274844 **(22)** 03.12.2018
(54) ACTUATING DEVICE WITH MAGNETS
(51) Int. Cl.
A47J 43/04 (2006.01)
A47J 43/07 (2006.01)
(31) 10 2017 128 820.1 **(32)** 05.12.17 **(33)** DE
(43) 20.06.2019
(72) Thies, Felix; Charopoulos, Philipp
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** W. L. Gore & Associates, Inc.
(11) AU-A-2019203691
(21) 2019203691 **(22)** 27.05.2019
(54) Implantable intraluminal Device
(51) Int. Cl.
A61F 2/82 (2006.01)
A61F 2/04 (2006.01)
(43) 20.06.2019
(62) 2017228553
(72) JOHNSON, Matthew A.
(74) Griffith Hack
-
- (71)** W. L. Gore & Associates, Inc.
(11) AU-A-2019203738
(21) 2019203738 **(22)** 28.05.2019
(54) Anastomosis devices
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/11 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

A61F 2/06 (2006.01)

A61F 2/07 (2013.01)

A61F 2/90 (2006.01)

(43) 20.06.2019

(62) 2017279659

(72) TODD, Daniel H.; SAMBANDAM,
Sakthi

(74) Griffith Hack

WIN, S. see Argenta Manufacturing Limited

(21) 2019203788

(71) Zensun (Shanghai) Science & Techno-
logy, Co. Ltd.

(11) AU-A-2019203799

(21) 2019203799 (22) 30.05.2019

(54) Extended release of neuregulin for
treating heart failure

(51) Int. Cl.

A61M 5/00 (2006.01)

A61K 38/18 (2006.01)

A61M 37/00 (2006.01)

A61P 9/00 (2006.01)

(43) 20.06.2019

(62) 2014270882

(72) ZHOU, Mingdong

(74) FB Rice Pty Ltd

(71) Zimmer Dental, Inc.

(11) AU-A-2019203708

(21) 2019203708 (22) 28.05.2019

(54) DENTAL IMPLANT WITH IMPROVED
PROSTHETIC INTERFACE

(51) Int. Cl.

A61C 8/00 (2006.01)

(43) 20.06.2019

(62) 2014235703

(72) Sanchez, Ramiro; Bassett, Jeffrey

(74) Phillips Ormonde Fitzpatrick

(71) ZTE Corporation

(11) AU-A-2019203705

(21) 2019203705 (22) 28.05.2019

(54) Method and device for processing inter-
ference, network control unit and user
equipment

(51) Int. Cl.

H04W 72/08 (2009.01)

(43) 20.06.2019

(62) 2014261928

(72) GONG, Yuhong; SUN, Yunfeng;
WANG, Yuxin; WU, Huaming

(74) Davies Collison Cave Pty Ltd

Numerical Index

2017228728	The Trustee for the Curley Family Trust; Lynmac Welding Services	2019203704	Aloi Group Pty Ltd
2017268671	Guangdong Debox Construction Technology Co., Ltd.	2019203705	ZTE Corporation
2017268683	Strutt, C.	2019203706	Mezzion Pharma Co., Ltd.; Children's Hospital of Philadelphia
2017402092	Komatsu Ltd.	2019203708	Zimmer Dental, Inc.
2017422763	Shanghai Ocean University	2019203709	High Force Research Limited
2018203035	Bennett, H.	2019203712	CSL Limited
2018204795	Miasolé Equipment Integration (Fujian) Co., Ltd.	2019203713	Stealth Peptides International, Inc.
2018220055	SAP SE	2019203719	Nuvasive, Inc.
2018226373	SOUTH COUNTRY EQUIPMENT LTD.	2019203722	CiDRA Corporate Services Inc.; Davis, M.
2018236788	Beijing Juntai Innovation Technology Co., Ltd.	2019203723	Apple Inc.
2018236819	Turun yliopisto	2019203724	Pin, M.
2018236836	Deere & Company	2019203725	Flow Control LLC.
2018250407	VISION X ASIA CO.,LTD.; KO, I.H.	2019203726	Dexcom, Inc.
2018253610	Siemens Healthcare GmbH; Dedicated2Imaging, LLC	2019203727	Apple Inc.
2018256481	The Boeing Company	2019203729	LG Electronics Inc.
2018256615	SKF Lubrication Systems Germany GmbH	2019203731	4C Design Limited; Meat & Livestock Australia Limited
2018260854	Grifols Worldwide Operations Limited	2019203733	BL Technologies, Inc.
2018264025	Depuy Ireland Unlimited Company	2019203735	Koch Membrane Systems, Inc.
2018264068	EXFO Inc.	2019203738	W. L. Gore & Associates, Inc.
2018264089	Sulzer Management AG	2019203739	Aristocrat Technologies Australia Pty Limited
2018267566	ARCADYAN TECHNOLOGY CORPORATION	2019203740	LAA Industries Pty Ltd
2018267572	Deere & Company	2019203744	Novartis AG
2018271298	Ethicon, Inc.	2019203745	EXELIXIS, INC
2018271300	Ethicon, Inc.	2019203747	Accenture Global Solutions Limited
2018271303	Ethicon, Inc.	2019203748	Komatsu Ltd.
2018271317	ALSTOM Transport Technologies	2019203749	Komatsu Ltd.
2018271324	The Boeing Company	2019203750	Rotacon Engineering Limited
2018271339	Angel Playing Cards Co., Ltd.	2019203752	Accenture Global Services Limited
2018271371	The Boeing Company	2019203752	Indiana University Research and Technology Corporation; Assembly Biosciences, Inc.
2018271382	Infineum International Limited	2019203754	Five3 Genomics, LLC
2018271386	University of South Australia	2019203755	Accenture Global Solutions Limited
2018271410	GLOBAL GRAIN HANDLING SOLUTIONS PTY. LTD.	2019203760	Bourgault Industries Ltd.
2018271411	Bright Structures Ltd	2019203761	BPAY Group Limited
2018271423	Georgia-Pacific Corrugated LLC	2019203762	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018274840	Roofing Industries Limited; TANDARRA ENGINEERING LIMITED	2019203763	smartDNA Pty Ltd
2018274844	Vorwerk & Co. Interholding GmbH	2019203766	Element, Inc.
2018274849	The Raymond Corporation	2019203768	Covidien LP
2018274855	DS Smith Plastics Limited	2019203769	Tricoya Technologies Ltd
2018274897	ONESTEEL WIRE PTY LIMITED	2019203770	Cardpool, Inc.
2018274943	Britax Child Safety, Inc.	2019203771	Nine IP Limited
2018274951	LG Electronics Inc.	2019203773	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.; The United States Government as represented by The Secretary of the Army; The United States Government, as Represented by the Department of Health and Human Services
2018274964	Popowski, B.	2019203776	Apple Inc.
2018278937	Control wizard Pty Ltd	2019203778	Bioconix Pty Ltd
2018282297	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2019203780	Regeneron Pharmaceuticals, Inc.
2018327219	Jiangsu Huayuan Water-Saving Co.,Ltd; China University of Mining and Technology	2019203786	Jand, Inc.
2018338598	Jiangsu Huayuan Water-Saving Co., Ltd; China University of Mining and Technology	2019203787	Boston Scientific Neuromodulation Corporation
2019203130	Stryker Corporation	2019203788	Argenta Manufacturing Limited; WIN, S.; DEVARAJ, G.
2019203385	Seapa Pty Ltd	2019203790	Mallinckrodt Hospital Products IP Limited
2019203617	Pastoral Greenhouse Gas Research Ltd	2019203792	GE Video Compression, LLC
2019203673	Cargill, Incorporated	2019203795	Intervention Technology Pty Ltd
2019203679	Derrick Corporation	2019203797	Knauf Insulation SPRL; Knauf Insulation, Inc.
2019203680	Baxter International Inc.; Baxter Healthcare SA	2019203798	Financial & Risk Organisation Limited
2019203683	Griffin University	2019203799	Zensun (Shanghai) Science & Technology, Co. Ltd.
2019203684	The a2 Milk Company Limited	2019203800	Vegas.com, LLC
2019203688	4D Pharma Research Limited	2019203801	ThyssenKrupp AG
2019203691	W. L. Gore & Associates, Inc.	2019203802	Google LLC
2019203693	The Boeing Company	2019203803	Aristocrat Technologies Australia Pty Limited
2019203694	Salix Pharmaceuticals, Ltd.	2019203809	AFINITI EUROPE TECHNOLOGIES LIMITED
2019203695	TouchPoint Medical, Inc.	2019203810	Telefonaktiebolaget LM Ericsson (publ)
2019203697	Accenture Global Solutions Limited	2019203811	Monsanto Technology LLC
2019203701	SEGAL, C.	2019203812	AFINITI EUROPE TECHNOLOGIES LIMITED
2019203702	Progress Rail Services Corporation	2019203813	BioAtla, LLC
2019203703	Accenture Global Solutions Limited		

Applications Open to Public Inspection - Numerical Index cont'd

2019203814	Pearl Therapeutics, Inc.
2019203815	Dr. Reddy's Laboratories, Ltd.
2019203817	Elanco US Inc.
2019203818	Halliburton Energy Services, Inc.
2019203819	FUJIFILM Australia Pty Ltd
2019203820	Reven Pharmaceuticals, Inc
2019203821	HRB Innovations, Inc.
2019203822	Guangdong Oppo Mobile Telecommunications Corp., Ltd
2019203823	Ohio State Innovation Foundation
2019203824	Tyco Fire & Security GmbH
2019203827	Qualcomm Incorporated
2019203829	Qualcomm Incorporated
2019203832	Katholieke Universiteit Leuven; University Hospital Ant- werp
2019203834	Scholar Rock, Inc.
2019203837	Optimedica Corporation
2019203870	Phoenix Product Development Limited
2019203873	Stryker Corporation
2019203874	The General Hospital Corporation
2019203876	ModernaTX, Inc.
2019203877	SBI Biotech Co., Ltd.
2019203878	CareFusion 303, Inc.
2019203881	Cordynamix, Inc.
2019203882	LAA Industries Pty Ltd
2019203883	Fuji Xerox Co., Ltd.
2019203884	Baker Hughes, a GE company, LLC
2019203886	CommScope Technologies LLC
2019203888	Hanmi Pharm. Co., Ltd.
2019203891	Hanmi Pharm. Co., Ltd.
2019203894	Purplesun Inc.
2019203895	Ocado Innovation Limited
2019203896	Centre National de la Recherche Scientifique; ABIVAX; Institut Curie; UNIVERSITE DE MONTPELLIER
2019203897	Hansen, M.; Roche, C.
2019203899	Ocado Innovation Limited
2019203900	Fractyl Laboratories, Inc.
2019203901	Ocado Innovation Limited
2019203902	University of Pittsburgh - of the Commonwealth System of Higher Education
2019203904	Incube Labs, LLC
2019203908	Applied Research Associates, Inc.
2019203910	Vanda Pharmaceuticals Inc.
2019203920	Johnson & Johnson Vision Care, Inc.
2019203924	GEORGETOWN UNIVERSITY
2019203925	Island Breeze Systems CA, LLC
2019203926	BEIJING DIDI INFINITY TECHNOLOGY AND DEVEL- OPMENT CO., LTD.
2019203927	Idex ASA
2019203939	AbbVie Inc.

IPC Index

A01B 15 /- 2018236836	A61B 1 /- 2018271300 2018271303	2019203834 2019203888 2019203891	A61P 13 /- 2019203939	B04C 3 /- 2018278937	B67D 3 /- 2018274855
A01B 49 /- 2019203760	A61B 17 /- 2018264025 2019203719 2019203738 2019203873 2019203881 2019203897	A61K 39 /- 2018236819 2019203617 2019203817 2019203877	A61P 17 /- 2019203877	B05B 1 /- 2018267572	C02F 3 /- 2019203733 2019203735
A01B 61 /- 2019203750			A61P 19 /- 2019203683	B07B 1 /- 2019203679	C07D 215 /- 2019203709 2019203745 2019203896
A01C 23 /- 2018267572		A61K 45 /- 2019203832	A61P 25 /- 2019203832 2019203874 2019203924	B21D 5 /- 2018274840	C07D 401 /- 2019203896
A01C 5 /- 2019203750 2019203760	A61B 3 /- 2019203786 2019203837	A61K 47 /- 2019203788 2019203815	A61P 27 /- 2019203920	B25B 25 /- 2018274897	C07D 471 /- 2019203939
A01C 7 /- 2019203750 2019203760	A61B 5 /- 2019203726 2019203790	A61K 48 /- 2019203877	A61P 29 /- 2019203683	B27K 3 /- 2019203769	C07D 498 /- 2019203754
A01D 33 /- 2018236836	A61C 8 /- 2019203708	A61K 9 /- 2019203706 2019203814 2019203815 2019203920	A61P 3 /- 2019203939	B27K 5 /- 2019203769	C07K 1 /- 2019203712
A01F 25 /- 2018271410	A61D 1 /- 2019203731	A61L 17 /- 2019203768	A61P 31 /- 2019203683 2019203877 2019203939	B29C 53 /- 2018271324	C07K 14 /- 2019203617 2019203834 2019203888 2019203891
A01G 13 /- 2019203771	A61F 13 /- 2019203778	A61L 2 /- 2018271298 2018271300 2018271303 2019203680 2019203894	A61P 35 /- 2018236819 2019203745 2019203877 2019203939	B29C 70 /- 2018271371	C07K 16 /- 2019203617 2019203780 2019203834 2019203877
A01G 25 /- 2018327219 2018338598	A61F 2 /- 2019203130 2019203691 2019203738 2019203773 2019203897 2019203900	A61L 27 /- 2019203768 2019203902	A61P 37 /- 2019203688 2019203877	B60K 6 /- 2017402092	C07K 19 /- 2019203823
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A01K 61 /- 2019203385		A61M 11 /- 2019203925	A63F 1 /- 2018271339	B62B 7 /- 2018274943	C09D 5 /- 2019203693
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A01N 43 /- 2019203754		A61M 37 /- 2019203799	A63F 7 /- 2019203739	B63B 69 /- 2019203724	C10G 9 /- 2019203908
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A47B 21 /- 2019203695		A61N 1 /- 2019203787	B01D 65 /- 2019203735	B65D 5 /- 2018271423	C12N 15 /- 2018236819 2019203780 2019203811 2019203834 2019203874 2019203876 2019203877
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A47K 13 /- 2019203870	A61K 38 /- 2019203713 2019203799			B65G 3 /- 2018271410	

Applications Open to Public Inspection - IPC Index cont'd

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C12N 7 /- 2019203817	E06C 7 /- 2018271411	G06F 16 /- 2019203747	G08B 25 /- 2018256481	H04W 88 /- 2018267566
C12N 9 /- 2019203712	E21B 33 /- 2019203818	G06F 17 /- 2019203697 2019203727 2019203752	G10L 15 /- 2019203727	H05K 3 /- 2019203795
C12P 21 /- 2019203813 2019203877	E21B 41 /- 2019203884	G06F 21 /- 2018256481 2019203927	G10L 19 /- 2019203827	H05K 7 /- 2019203795
C12Q 1 /- 2018271298 2019203763	E21B 44 /- 2019203884	G06F 21 /- 2018256481 2019203927	G10L 21 /- 2019203727 2019203827	No IPC Mark
C21B 5 /- 2019203801	E21B 47 /- 2019203884	G06F 3 /- 2019203776 2019203819 2019203883	G16B 35 /- 2019203757	
C40B 30 /- 2019203813	F03D 80 /- 2018282297	G06F 9 /- 2019203723	H01L 31 /- 2018204795 2018236788	
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D06F 39 /- 2019203729	F16B 2 /- 2019203385	G06Q 10 /- 2019203697 2019203752 2019203758 2019203895 2019203899 2019203901	H01S 5 /- 2018271386	
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E02F 9 /- 2019203748 2019203749	F16N 13 /- 2018256615	G06Q 40 /- 2019203761 2019203821	H02K 5 /- 2019203762 2019203882	
E03D 1 /- 2019203870	F16N 25 /- 2018256615	G06Q 50 /- 2018226373 2019203747 2019203748 2019203749 2019203800 2019203878	H02P 1 /- 2019203740	
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E04B 1 /- 2017268671	G01M 11 /- 2018264068	G06T 7 /- 2018271339	H04M 3 /- 2019203809 2019203812	
E04F 10 /- 2019203771	G01N 21 /- 2018271386	G07C 11 /- 2018271339	H04N 1 /- 2019203697	
E04G 1 /- 2018271411	G01N 33 /- 2019203834 2019203877 2019203910	G07C 13 /- 2019203701	H04N 5 /- 2019203822	
E04H 15 /- 2018271410 2019203771	G01S 15 /- 2019203722		H04R 25 /- 2019203727	
E04H 17 /- 2018274897	G02B 1 /- 2019203744		H04W 4 /- 2019203829 2019203926	
E04H 4 /- 2018203035 2019203704	G02B 6 /- 2019203886		H04W 48 /- 2018267566	
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2019100521 King Furniture Australia Pty Ltd
2019100524 Campbell, E.
2019100525 Apple Inc.
2019100529 Schapp, L.

IPC Index

<u>A47C 1 /-</u>	<u>G06F 3 /-</u>
2019100520	2019100525
2019100521	<u>G06Q 10 /-</u>
<u>A47C 13 /-</u>	2019100493
2019100520	<u>H04L 29 /-</u>
<u>A47C 19 /-</u>	2019100525
2019100519	<u>H04M 1 /-</u>
<u>A47C 7 /-</u>	2019100525
2019100520	<u>H05B 37 /-</u>
<u>A47C 9 /-</u>	2019100529
2019100520	
<u>A61G 7 /-</u>	
2019100519	
<u>B29B 13 /-</u>	
2019100474	
<u>B29B 7 /-</u>	
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<u>B62B 3 /-</u>	
2019100515	
<u>B65D 65 /-</u>	
2019100474	
<u>E04B 1 /-</u>	
2019100524	
<u>E04F 19 /-</u>	
2019100524	
<u>E05B 63 /-</u>	
2019100498	
<u>E06B 9 /-</u>	
2019100498	
<u>F21V 23 /-</u>	
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<u>G01S 19 /-</u>	
2019100515	
<u>G06F 1 /-</u>	
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<u>G06F 15 /-</u>	
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Name Index

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C07K 17/00 (2006.01)
C12N 1/15 (2006.01)
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A23G 3/36 (2006.01)
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B60S 1/46 (2006.01)
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G06T 7/00 (2017.01)
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A01C 1/06 (2006.01)
A01G 7/06 (2006.01)
A01N 43/40 (2006.01)
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C07D 413/12 (2006.01)
A61K 31/422 (2006.01)
A61P 35/00 (2006.01)
C07D 263/48 (2006.01)
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A61K 31/422 (2006.01)
A61P 35/00 (2006.01)
C07D 263/48 (2006.01)
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C12N 15/85 (2006.01)
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G02B 27/01 (2006.01)
G06F 3/01 (2006.01)
G06T 7/30 (2017.01)
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C03C 15/00 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/498 (2006.01)
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A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
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 C07C 233/76 (2006.01)
 C08K 5/20 (2006.01)
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A61K 38/00 (2006.01)
C07K 7/04 (2006.01)
C12N 5/0793 (2010.01)
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A61P 31/04 (2006.01)
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A61P 1/16 (2006.01)
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G06Q 30/00 (2012.01)
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A61B 5/00 (2006.01)
A61F 11/14 (2006.01)
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C12N 5/0775 (2010.01)
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 and method for setting control fluid
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B03D 1/24 (2006.01)
B01F 15/02 (2006.01)
B01J 4/00 (2006.01)
C02F 1/24 (2006.01)
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G06K 7/10 (2006.01)
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G06Q 10/00 (2012.01)
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C07C 237/26 (2006.01)
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E21B 33/12 (2006.01)
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G07F 11/16 (2006.01)
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 C07D 401/14 (2006.01)
 A61K 31/4427 (2006.01)
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F16J 15/06 (2006.01)
F16L 17/02 (2006.01)
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B05B 15/00 (2018.01)
B05D 1/06 (2006.01)
C09D 1/10 (2006.01)
C09D 5/02 (2006.01)
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C09D 7/63 (2018.01)
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C23C 24/00 (2006.01)
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C12Q 1/02 (2006.01)
G01N 1/30 (2006.01)
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C12P 7/64 (2006.01)
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A61K 47/68 (2017.01)
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A61N 1/04 (2006.01)
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A61P 37/04 (2006.01)
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E21B 33/035 (2006.01)
F16L 9/19 (2006.01)
F16L 13/11 (2006.01)
F16L 33/00 (2006.01)
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A61B 6/03 (2006.01)
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H01L 29/66 (2006.01)
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B61L 25/02 (2006.01)
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G21C 19/20 (2006.01)
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C23G 1/02 (2006.01)
C02F 5/08 (2006.01)
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C09B 21/00 (2006.01)
C07D 279/18 (2006.01)
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A61K 31/216 (2006.01)
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Kromova, Tatyana Alexandrovna;
Rydlovskaya, Anastasia Vladimirovna
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Numerical Index

2016428287	Mitsubishi Electric Corporation	2017356825	ELC Management LLC
2016428405	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017356911	Bristol-Myers Squibb Company
2016429224	The University of Melbourne	2017356952	OpenTV, Inc.
2016429710	Leblang, D.	2017357123	Otolith Sound, Inc.
2016430237	Research Institute of Industrial Science & Technology	2017357488	Merck Patent GmbH
2016430261	Huawei Technologies Co., Ltd.	2017357562	Sigfox
2016431429	Prysmian S.p.A.	2017357634	Salunda Limited
2016431615	Cellphire, Inc.	2017357890	Davidov, B.; Guk, Y.
2016432058	Colgate-Palmolive Company	2017357919	Sigma Genetics, Inc.
2016432061	Colgate-Palmolive Company	2017357931	Keros Therapeutics, Inc.
2016432063	General Electric Company	2017357935	Keros Therapeutics, Inc.
2016432064	Google LLC	2017357944	Keros Therapeutics, Inc.
2016432095	Outotec (Finland) Oy	2017357961	Medisca Pharmaceutique Inc.
2016432186	Kimberly-Clark Worldwide, Inc.	2017358245	Dalian Rongkepower Co., Ltd
2016432315	Google LLC	2017358278	Samsung Electronics Co., Ltd.
2016432444	D'angelo, F.	2017358289	Yuhan Corporation
2016432687	Kimberly-Clark Worldwide, Inc.	2017358550	Steelco S.p.A.
2016433161	Schuh, R.	2017358559	Tada Medical AB
2016433512	Kitty Hawk Corporation	2017358861	CSL Behring Lengnau AG
2016433970	Dow Global Technologies LLC; Rohm and Haas Company	2017359023	Bristol-Myers Squibb Company
2017218392	EM Device Lab, Inc.	2017359025	Bristol-Myers Squibb Company
2017344056	Pur Equipamentos Industriais Ltda	2017359027	Bristol-Myers Squibb Company
2017347886	The Scripps Research Institute; TropiQ Health Sciences	2017359028	Bristol-Myers Squibb Company
2017348382	Illumina, Inc.	2017359030	Bristol-Myers Squibb Company
2017349214	Future Medicine Co., Ltd.	2017359191	OPERR Technologies, Inc.
2017349748	Raghuvanshi, G.	2017359398	Universidade de Santiago de Compostela; Universidad Autónoma de Madrid
2017351636	Commonwealth Scientific and Industrial Research Organisation	2017359491	NTT DoCoMo, Inc.
2017351643	2Me Corporation Pty Ltd	2017359574	Peak Well Systems Pty Ltd; Peak Well Systems Limited
2017352556	Merck Patent GmbH	2017359819	Guangdong Zhongsheng Pharmaceutical Co., Ltd
2017352670	CNH Industrial France S.A.S.	2017360043	Universitat de Barcelona; Hospital Clinic de Barcelona; Institut d'Investigacions Biomèdiques August Pi i Sunyer - IDIBAPS
2017352946	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017360093	Alligator Bioscience AB
2017353067	China Railway Engineering Equipment Group Co., Ltd.	2017360094	Alligator Bioscience AB
2017353325	Merck Patent GmbH	2017360142	M Metal Pte. Ltd.
2017353336	MATN Scientific Limited	2017360168	Astellas Pharma Inc.
2017353352	NewSouth Innovations Pty Limited	2017360212	Beijing Dabeinong Technology Group Co., Ltd.; Beijing Dabeinong Biotechnology Co., Ltd.
2017353358	Smarter Tanks Pty Ltd	2017360239	Synergy Blue, LLC
2017353363	Lótus Medicina Avançada	2017360407	CHEMAS Co., Ltd.
2017353380	Boehringer Ingelheim Vetmedica GmbH	2017360701	CHEMAS Co., Ltd.
2017353537	Midland Steel Reinforcement Supplies Limited	2017360800	Fidia Farmaceutici S.p.A.
2017353588	Paratek Pharmaceuticals, Inc.	2017361097	Biologica Technologies
2017353701	Quick Fitting, Inc.	2017361281	Kimberly-Clark Worldwide, Inc.; The Board of Trustees of The University of Illinois
2017353895	Quick Fitting, Inc.	2017361282	Kimberly-Clark Worldwide, Inc.; The Board of Trustees of The University of Illinois
2017353896	Quick Fitting, Inc.	2017361325	Luca Science Inc.
2017354372	Carna Biosciences, Inc.	2017361460	The Asan Foundation; University Of Ulsan Foundation For Industry Cooperation
2017354437	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation	2017361524	Case Western Reserve University
2017354565	LG Electronics Inc.	2017361999	Deep Casing Tools Limited
2017354657	LG Electronics Inc.	2017362350	Cystic Fibrosis Foundation Therapeutics Inc.
2017354876	Qiagen Sciences, LLC	2017362445	Liebherr-Components Biberach GmbH
2017354895	Atam Group Limited	2017362475	New York Stem Cell Foundation, Inc.
2017354905	Genius IP Ltd	2017362508	Alert Innovation Inc.
2017354933	Smarta Industrial Pty Ltd	2017362730	Nant Holdings IP, LLC
2017355514	Allied Mineral Products, Inc.	2017362870	Bristol-Myers Squibb Company
2017355519	Repairogen Corp; University of Louisville Research Foundation, Inc.; Cornell University	2017362969	Regenxbio Inc.; Regents of the University of Minnesota
2017355528	Arizona Board of Regents on behalf of The University of Arizona	2017362975	The Climate Corporation
2017355603	Auckland UniServices Limited	2017363076	Combinati Incorporated
2017355776	NTT DOCOMO, Inc.	2017363225	Dow AgroSciences LLC
2017355779	NTT DoCoMo, Inc.	2017363226	Dow AgroSciences LLC
2017355827	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017363242	United States Gypsum Company
2017355939	The Cooper Health System; Carpenter, J.	2017363300	Harpoon Therapeutics, Inc.
2017356672	Newell, G.; Casimiro, F.	2017363425	Musc Foundation for Research Development
		2017363480	Sami Labs Limited

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

2017363534	Cox Automotive, Inc.	2017368267	Berkeley Lights, Inc.
2017363581	View, Inc.	2017368268	Berkeley Lights, Inc.
2017363599	McCormick & Company, Incorporated	2017368279	Vauth-Sagel Holding GmbH & Co. Kg
2017363804	Genuv Inc.	2017368611	Nippon Shokubai Co., Ltd.; Educational Foundation of Osaka Medical and Pharmaceutical University
2017363970	Novartis AG		Sumitomo Metal Mining Co., Ltd.
2017363973	Cellix Bio Private Limited	2017369090	Fujikura Ltd.
2017364077	Elektrofi, Inc.	2017369091	Qingdao Haier Joint Stock Co., Ltd
2017364106	The Board of Regents of The University of Texas System	2017369103	Qingdao Haier Joint Stock Co., Ltd
2017364150	ThyssenKrupp Marine Systems GmbH; thyssenkrupp AG	2017369106	Qingdao Haier Joint Stock Co., Ltd
2017364260	Fondazione di Religione e di Culto "Casa Sollievo Della Sofferenza" - Opera di San Pio da Pietrelcina	2017369113	Krieger, K.; Van Egeren, M.
2017364286	Lancey Energy Storage	2017369205	Rheinmetall Air Defence AG; Skysec GmbH
2017364720	Carna Biosciences, Inc.	2017369210	Hammar Maskin IP AB
2017364745	Alibaba Group Holding Limited	2017369517	Maven Wireless Sweden AB
2017364801	Mitsubishi Tanabe Pharma Corporation	2017369590	Anheuser-Busch Inbev S.A.
2017364824	Toppan Printing Co., Ltd.	2017369634	Anheuser-Busch InBev S.A.
2017365028	Vaxiion Therapeutics, LLC	2017369636	University Health Network
2017365111	Cellix Bio Private Limited	2017369684	Anheuser-Busch InBev S.A.
2017365171	Dow AgroSciences LLC	2017369687	Anheuser-Busch InBev S.A.
2017365173	Dow AgroSciences LLC	2017369688	Anheuser-Busch InBev S.A.
2017365177	Dow AgroSciences LLC	2017369690	Anheuser-Busch InBev S.A.
2017365179	Dow AgroSciences LLC	2017369833	Crane Payment Innovations Limited
2017365489	Sumitomo Metal Mining Co., Ltd.	2017370434	Safekick Americas LLC
2017365555	De' Longhi Appliances S.r.l.	2017370435	Kinetic Pressure Control, Ltd.
2017365608	Contextflow GmbH	2017370465	Ethicon, Inc.
2017365618	De' Longhi Appliances S.r.l.	2017370664	Church & Dwight Co., Inc.
2017365927	Swedish Biomimetics 3000 Ltd	2017370682	Kaleido Biosciences, Inc.
2017366469	MRM HK Limited	2017370741	MicroDose Therapeutx, Inc.
2017366602	Kuse, K.; Arnold, U.; Brück, T.	2017370742	Diversey, Inc.
2017366674	The Texas A&M University System	2017370838	RSP Systems A/S
2017366707	Sage Products, LLC	2017370967	Bayer CropScience Aktiengesellschaft
2017366723	Bedford Systems LLC	2017370993	Höganäs AB (publ)
2017366733	Berkeley Lights, Inc.	2017371040	CHEMAS Co., Ltd.
2017366791	Arizona Board of Regents on behalf of The University of Arizona	2017371050	Tufts Medical Center, Inc.; Washington State University; University of Utah Research Foundation
2017366812	Waymo LLC	2017371069	The Brigham and Women's Hospital, Inc.; Université Claude Bernard Lyon 1; NH TherAguiX
2017366855	3M Innovative Properties Company	2017371084	Board of Regents, The University of Texas System
2017366996	General Electric Company	2017371134	CHEMAS Co., Ltd.
2017367000	Baker Hughes, a GE Company, LLC	2017371260	Immatics Biotechnologies GmbH
2017367044	American Robotics	2017371357	Locus Oil IP Company, LLC
2017367084	University of Miami; Rxmp Therapeutics, LLC	2017371379	Salt and Light Pharmaceuticals Pty. Ltd.
2017367092	University of Iowa Research Foundation	2017371388	Oldhall, C.
2017367099	The Coca-Cola Company	2017371395	The University of Sydney; Sydney Local Health District
2017367148	Anheuser-Busch InBev S.A.	2017371398	Trydel Research Pty Ltd
2017367175	Universite de Rouen Normandie; Centre Hospitalier Universitaire de Rouen; Institut National de la Sante et de la Recherche Medicale (INSERM)	2017371407	LSO Medical
2017367182	Calyxia	2017371437	Universitätsklinikum Hamburg-Eppendorf
2017367187	Südzucker AG	2017371444	Biogelx Limited
2017367224	CCM Technologies Limited	2017371480	Fisher and Paykel Healthcare Limited
2017367302	Sofar S.p.A.	2017371481	Fisher and Paykel Healthcare Limited
2017367371	Aisin Keikinzoku Co.,Ltd.	2017371484	Technophage, Investigaçao e Desenvolvimento Em Biotecnologia SA; Tecnifar - Indústria Técnica Farmacêutica, SA
2017367530	Fugro Technology B.V.	2017371678	Stolper, P.
2017367569	Rohm and Haas Company; Union Carbide Chemicals & Plastics Technology LLC	2017371707	The Australian National University
2017367585	Caterpillar Inc.	2017371710	King Furniture Australia Pty Ltd
2017367639	Packsize LLC	2017371721	Bourque, A.
2017367647	aTyr Pharma, Inc.	2017371729	3M Innovative Properties Company
2017367648	InnoMed One, LLC	2017371877	Fujitsu General Limited
2017367691	Regeneron Pharmaceuticals, Inc.	2017371915	Win Chemicals, Ltd.; Vitech International, Inc.
2017367696	NantOmics, LLC; Nant Holdings IP, LLC	2017371944	GlaxoSmithKline Biologicals SA
2017367734	Regeneron Pharmaceuticals, Inc.	2017372705	Medtronic Ardian Luxembourg S.a.r.l.
2017367752	Peak Innovations Inc.	2017372731	Synthetic Genomics, Inc.
2017368005	Memorial Sloan Kettering Cancer Center; Cornell University; The Curators of the University of Missouri	2017372873	Novomer, Inc.
2017368050	PureTech Health LLC	2017372885	Phosphagenics Limited
2017368070	XStream Trucking Inc.	2017372935	3M Innovative Properties Company
2017368139	Stemco Products, Inc.	2017373097	Sumitomo Electric Industries, Ltd.
2017368151	Chico's Brands Investments	2017373587	Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts, Universitätsmedizin
2017368229	Packsize LLC	2017373597	Evonik Röhm GmbH
		2017373639	Neuronax SA
		2017373747	S.A. Lhoist Recherche et Developpement
		2017373748	S.A. Lhoist Recherche et Developpement

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

2017373797	Editas Medicine, Inc.	2017380470	Sanford Limited
2017373798	Church & Dwight Co., Inc.	2017380526	Nattaro Labs AB
2017373824	Somfy Activites SA	2017380643	Rheinmetall MAN Military Vehicles GmbH
2017373898	Universitetet i Tromsø - Norges arktiske universitet	2017381338	DSM IP Assets B.V.
2017373944	Agenus Inc.; Ludwig Institute for Cancer Research Ltd; Memorial Sloan Kettering Cancer Center	2017381395	Phosphagenics Limited
2017373945	Agenus Inc.; Ludwig Institute for Cancer Research Ltd; Memorial Sloan Kettering Cancer Center	2017381587	Tilray Inc.
2017374015	Holmgren, A.	2017381628	Akzo Nobel Chemicals International B.V.
2017374044	Intellia Therapeutics, Inc.	2017381629	Bayer Pharma Aktiengesellschaft
2017374758	Wood, J.	2017381651	Syngenta Participations AG
2017374839	Technip France	2017381803	CSL Behring AG; Centre Hospitalier Universitaire Vaudois
2017374845	Chang, H.	2017381868	ArcelorMittal
2017374860	Pfizer Inc.	2017381869	ArcelorMittal
2017374992	BASF SE	2017381914	WisTa Laboratories Ltd.
2017375481	Quantum-Si Incorporated	2017382163	Illumina, Inc.; Illumina Cambridge Limited
2017375596	Illinois Tool Works Inc.	2017382164	Alibaba Group Holding Limited
2017375606	Hollister Incorporated	2017382202	Illumina, Inc.; Illumina Cambridge Limited
2017375749	ViaSat, Inc.	2017382316	Quantum-Si Incorporated
2017375790	Novelis Inc.	2017382330	BASF Agricultural Solutions Seed US LLC
2017375796	GeoQuest Systems B.V.	2017382333	BASF Agricultural Solutions Seed US LLC
2017375903	Rheinmetall MAN Military Vehicles GmbH	2017382379	Envirolytics, LLC
2017375946	Genentech, Inc.	2017382439	Guardant Health, Inc.
2017375951	Magic Leap, Inc.	2017382522	PepsiCo, Inc.
2017376118	Cepheid	2017382721	Magic Leap, Inc.
2017376139	The Children's Hospital of Philadelphia	2017382854	Huntsman Advanced Materials Licensing (Switzerland) GmbH
2017376391	Zambon S.p.A.	2017382875	Magic Leap, Inc.
2017376400	Defensin Therapeutics ApS	2017382882	Magic Leap, Inc.
2017376460	Bolt Biotherapeutics, Inc.	2017382888	Calithera Biosciences, Inc.
2017376486	Jaros, K.	2017382889	Magic Leap, Inc.
2017376598	Chr. Hansen A/S	2017382998	Command Alkon Incorporated
2017376773	E. I. du Pont de Nemours and Company	2017383035	Cryovac, LLC
2017376812	Chemson Polymer-Additive AG	2017383069	Intervet International B.V.
2017376816	Robowash Pty Ltd.	2017383093	Ego Pharmaceuticals Pty Ltd
2017376824	Croplands Equipment Pty Ltd	2017383096	RMD Innovations Pty. Ltd.
2017377010	FLSmidth A/S	2017383105	Commonwealth Scientific and Industrial Research Organisation
2017377057	Quantum-Si Incorporated	2017383106	Henry, A.; Henry, J.
2017377069	Janssen Pharmaceutica NV	2017383108	Automatic Technology (Australia) Pty Ltd
2017377115	Giesecke+devrient Currency Technology GmbH	2017383135	SIG Technology AG
2017377124	Ruprecht-Karls-Universität Heidelberg	2017383145	Linde Aktiengesellschaft
2017377309	Otsuka Pharmaceutical Factory, Inc.	2017383465	ArcelorMittal
2017377602	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.	2017383466	ArcelorMittal
2017377663	Lifting Point Pre-Form Pty Limited	2017383546	Omx Biopharmaceuticals Ltd.
2017377672	Baraja Pty Ltd	2017384900	Green Cross Lab Cell Corporation
2017377676	Commonwealth Scientific and Industrial Research Organisation	2017385508	DSM IP Assets B.V.
2017377761	Samyang Biopharmaceuticals Corporation	2017385513	DSM IP Assets B.V.
2017377911	Becton, Dickinson and Company	2017385726	LG Electronics Inc.
2017377937	Pepsico, Inc.	2017385735	LG Electronics Inc.
2017378020	Sorrento Therapeutics, Inc.	2017385736	LG Electronics Inc.
2017378132	Novelis Inc.	2017386086	Eni S.p.A.
2017378178	Deinove	2017386169	China University of Mining and Technology
2017378226	Janssen Biotech, Inc.	2017386374	Shell Internationale Research Maatschappij B.V.
2017378308	Delinia, Inc.	2017386375	Shell Internationale Research Maatschappij B.V.
2017378315	ViewRay Technologies, Inc.	2017386377	Shell Internationale Research Maatschappij B.V.
2017378337	Quantum-Si Incorporated	2017386380	Shell Internationale Research Maatschappij B.V.
2017378427	Ligandal, Inc.	2017386412	Biomech Sensor LLC
2017378431	Ligandal, Inc.	2017386771	Daiichi Sankyo Company, Limited; National University Corporation Kobe University
2017378985	Quantum-Si Incorporated	2017387024	Cardiac Pacemakers, Inc.
2017378990	Quantum-Si Incorporated	2017387066	Fresenius Medical Care Holdings, Inc.
2017379062	Potenza Therapeutics, Inc.	2017387692	L'Oreal
2017379072	Magic Leap, Inc.	2017387796	Google LLC
2017379094	kaleo, Inc.	2017387801	Aerie Pharmaceuticals, Inc.
2017379417	The University of Melbourne; Grains Research & Development Corporation	2017388028	Cryovac, Inc.
2017379589	Westinghouse Air Brake Technologies Corporation	2017388131	LifeArc
2017379756	Zoetis Services LLC	2017388132	LifeArc
2017379795	Wu, L.; Gongwin Biopharm Holdings Co., Ltd.	2017388213	Profusa, Inc.
2017379867	Illumina, Inc.	2017388456	Cryovac, LLC
2017379872	Illumina, Inc.	2017389098	LG Electronics Inc.
2017380263	Universidad de Alicante	2017389819	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2017380469	Sanford Limited		

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

2017389983	Ocean Team Group A/S	2018243085	Saint-Gobain Glass France
2017390190	Illumina, Inc.; Illumina Cambridge Limited	2018245330	Komatsu Ltd.
2017390890	Sony Corporation	2018249713	Husqvarna AB
2017392499	Halliburton Energy Services, Inc.	2018257981	CCMJ Systems Ltd
2017392500	Halliburton Energy Services, Inc.	2018263420	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2017392503	Halliburton Energy Services, Inc.	2018273482	"Pharmenterprises Eurasia" Limited Liability Company
2017394135	Novartis AG	2018273483	Obschestvo S Ogranichennoi Otvetstvennostiyu "Pharmenterprises"
2017394136	Novartis AG	2018274373	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2017394238	Fujian Nashida Electronic Incorporated Company	2018282297	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017394614	Halliburton Energy Services, Inc.	2018282541	Grow Solutions Tech LLC
2017394652	Westinghouse Electric Company LLC	2018283894	Grow Solutions Tech LLC
2017394680	Qualcomm Incorporated	2018287420	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2017394681	Qualcomm Incorporated	2018296444	Sunrise (GD) Smart Tech Building Corp., Ltd.
2017395082	Daikin Industries, Ltd.; Otsuka Pharmaceutical Factory, Inc.	2018327219	Jiangsu Huayuan Water-Saving Co., Ltd; China University of Mining and Technology
2017395741	CC3D LLC	2018338598	Jiangsu Huayuan Water-Saving Co., Ltd; China University of Mining and Technology
2017395885	TTI (Macao Commercial Offshore) Limited	2018363479	I-MAB Biopharma Co., Ltd.
2017396753	Arizona Board of Regents on Behalf of the University of Arizona	2018365900	Nacuity Pharmaceuticals, Inc.
2017396754	Arizona Board of Regents on behalf of The University of Arizona		
2017397474	Impact Technologies, LLC		
2017401372	Komatsu Ltd.		
2017402092	Komatsu Ltd.		
2017408828	EnWave Corporation		
2017420270	Obshestvo S Ogranichennoy Otvetstvennost'yu		
2017422763	Shanghai Ocean University		
2017429907	Jushi Group Co., Ltd.		
2018204358	Novomer Inc.		
2018204795	Miasolé Equipment Integration (Fujian) Co., Ltd.		
2018205718	Codexis, Inc.		
2018205763	Replimune Limited		
2018206495	Boston Scientific Scimed, Inc.		
2018207048	Instrumentation Laboratory Company		
2018207180	Allnex Austria GmbH		
2018207464	Dardaei Alghalandis, L.; Engelman, J.; Novartis AG		
2018208034	Endostart s.r.l.		
2018208035	Laviosa Chimica Mineraria SpA		
2018208055	Antunes, N.		
2018208464	Dana-Farber Cancer Institute, Inc.		
2018208505	Arrowhead Pharmaceuticals, Inc.		
2018208576	Qualcomm Incorporated		
2018209442	Novartis AG		
2018209556	Tayu Huaxia Biotech Medical Group Co., Ltd.		
2018209677	Cryovac, LLC		
2018210286	Boston Scientific Scimed, Inc.		
2018210313	Kaleo, Inc.		
2018210399	Dioxide Materials, Inc.; 3m Innovative Properties Company		
2018211040	Qualcomm Incorporated		
2018212440	Università degli studi di Genova; L-Nutra Inc.		
2018212584	Immatics Biotechnologies GmbH		
2018212715	Fresenius Medical Care Holdings, Inc.		
2018212756	Integrated DNA Technologies, Inc.		
2018213284	Flagship Pioneering Innovations V, Inc.		
2018213418	Ohio State Innovation Foundation; Caligiuri, M.; Yu, J.; Dai, H.		
2018214432	Kezza Products Pty Limited		
2018214548	Victaulic Company		
2018215539	Novomer Inc.		
2018215876	Kapsch TrafficCom AG		
2018216040	Janssen Pharmaceutica NV		
2018218542	Neodrill A.S.		
2018218543	Neodrill A.S.		
2018218593	Monolith Inc.		
2018220880	Aboca S.p.A Società Agricola		
2018221452	Doble Engineering Company		
2018223192	Janssen Pharmaceutica NV		
2018224430	ENI S.p.A.		
2018228068	Komatsu Ltd.		
2018228069	Komatsu Ltd.		
2018231017	Illumina, Inc.; Illumina Cambridge Limited		

IPC Index

<u>A01C 1 /-</u>	<u>A01N 47 /-</u>	<u>A23L 5 /-</u>	2018208034 2018210286	<u>A61H 1 /-</u>	2017386771 2017388131 2017388132 2017389819 2018207464 2018208464 2018209442 2018223192 2018273482 2018273483 2018365900
2017363226	2017360212 2017363226	2017408828	<u>A61B 17 /-</u>	2017357123	
<u>A01D 34 /-</u>	<u>A01P 13 /-</u>	<u>A41C 3 /-</u>	2017361460 2017367648 2017370465 2018210286	<u>A61H 23 /-</u>	2017357123
2018249713	2017370967	2017368151	<u>A61B 18 /-</u>	<u>A61J 1 /-</u>	2017395082
<u>A01G 25 /-</u>	<u>A01P 19 /-</u>	<u>A41C 5 /-</u>	2017371407 2018206495	<u>A61J 7 /-</u>	2017353363
2018327219 2018338598	2017380526	2017368151	<u>A61B 34 /-</u>	<u>A61K 31 /-</u>	2016429224 2016431615 2017347886 2017349214 2017352556 2017353325 2017353352 2017353588 2017354372 2017355603 2017356911 2017357488 2017359023 2017359025 2017359027 2017359028 2017359030 2017359398 2017359819 2017360043 2017360407 2017360701 2017360800 2017361325 2017362350 2017362870 2017363804 2017363970 2017363973 2017364260 2017364720 2017364801 2017365111 2017367092 2017370682 2017371040 2017371050 2017371084 2017371134 2017371379 2017373798 2017374860 2017375946 2017376391 2017377069 2017379094 2017379795 2017381587 2017381629 2017382888 2017383069 2017383546
<u>A01G 31 /-</u>	<u>A01P 7 /-</u>	<u>A42B 3 /-</u>	2017371407 2018206495	<u>A61J 7 /-</u>	<u>A61K 33 /-</u>
2018213284	2017360212	2017397474	<u>A61B 5 /-</u>	2017353363	2017360407 2017360701 2017361524 2017371040 2017371134 2017374015 2017383546
<u>A01G 33 /-</u>	<u>A22B 5 /-</u>	<u>A42C 2 /-</u>	2018206495	<u>A61K 31 /-</u>	
2017396754	2017388028	2017397474	<u>A61B 6 /-</u>		
<u>A01G 7 /-</u>	<u>A22C 21 /-</u>	<u>A45D 19 /-</u>	2017353363 2017357123 2017366791 2017371395	<u>A61K 35 /-</u>	2016431615 2017361097 2017361325 2017363480 2017368611 2017369684 2017371484 2017380469 2017380470 2017384900 2018205763 2018213284
2017363226 2017365177 2018282541	2017388028	2017387692	<u>A61B 8 /-</u>		
<u>A01H 5 /-</u>	<u>A23B 4 /-</u>	<u>A45D 44 /-</u>	2017378315	<u>A61B 90 /-</u>	
2017381651	2017408828	2016432058	<u>A61F 11 /-</u>		
<u>A01K 67 /-</u>	<u>A23B 7 /-</u>	<u>A46B 17 /-</u>	2017357123	<u>A61F 13 /-</u>	
2017371437	2017408828	2016432058	<u>A61F 13 /-</u>		
<u>A01M 1 /-</u>	<u>A23C 9 /-</u>	<u>A47B 13 /-</u>	2017357123	<u>A61F 2 /-</u>	
2017379417 2017380526	2017381338	2017371710	2017361460 2018208055	<u>A61G 11 /-</u>	
<u>A01M 21 /-</u>	<u>A23G 3 /-</u>	<u>A47B 23 /-</u>	2017357123	<u>A61G 13 /-</u>	
2017379417	2017376598	2017371710	2017357123	<u>A61G 13 /-</u>	
<u>A01M 7 /-</u>	<u>A23K 20 /-</u>	<u>A47B 49 /-</u>	2016432687 2017366855 2017372873 2017377911	<u>A61G 13 /-</u>	
2017376824	2017372885	2017368279	<u>A61F 11 /-</u>	<u>A61G 13 /-</u>	
<u>A01N 25 /-</u>	<u>A23L 13 /-</u>	<u>A47B 5 /-</u>	2016432687 2017366855 2017372873 2017377911	<u>A61F 5 /-</u>	
2017363225 2017365177 2018213284	2017408828	2017371710	<u>A61F 2 /-</u>	<u>A61G 11 /-</u>	
<u>A01N 35 /-</u>	<u>A23L 19 /-</u>	<u>A47B 81 /-</u>	2017355528 2017363425 2017396753	<u>A61G 11 /-</u>	
2017380526	2017408828	2017368279	<u>A61F 5 /-</u>	<u>A61G 11 /-</u>	
<u>A01N 37 /-</u>	<u>A23L 2 /-</u>	<u>A47J 31 /-</u>	2017366855 2017371050 2017371084 2017371134 2017371379 2017373798 2017374860 2017375946 2017376391 2017377069 2017379094 2017379795 2017381587 2017381629 2017382888 2017383069 2017383546	<u>A61K 36 /-</u>	2017381587 2018220880
2017380526	2017377602	2017365555 2017365618 2017382522	<u>A61F 5 /-</u>	<u>A61K 38 /-</u>	2017357935 2017357944 2017358289 2017358861 2017360043 2017361097 2017361524 2017362969 2017366674 2017367175 2017367647 2017373639 2017376400 2017378308 2018212756 2018213418
<u>A01N 43 /-</u>	<u>A23L 29 /-</u>	<u>A47K 5 /-</u>	2017366855	<u>A61K 39 /-</u>	
2017380526	2017364260	2017383093	<u>A61G 11 /-</u>		
<u>A01N 43 /-</u>	<u>A23L 3 /-</u>	<u>A47L 9 /-</u>	2017376139		
2017363225 2017363226 2017365171 2017365173 2017365177 2017365179 2017370967 2017374992	2017408828	2017385726 2017385735 2017385736 2017389098	<u>A61G 13 /-</u>		
	<u>A23L 33 /-</u>	<u>A61B 1 /-</u>	2017366707		
	2017364260 2017367092 2017376598 2017380470 2018212440	2018206495	<u>A61G 7 /-</u>		
			2017366707		

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

2017373944	2017377761	2017372705	2017374860	2017382888	<u>B01J 13/-</u>
2017373945	2017379795	2017387024			
2017375946	2017380469		<u>A61P 31/-</u>	<u>A61Q 11/-</u>	2017364077
2017379062	2018209442	<u>A61N 2/-</u>		2016432061	2017367182
2017381803			2017353352		2017377761
2018209556	<u>A61L 2/-</u>	2017357919	2017353588	<u>A61Q 19/-</u>	<u>B01J 19/-</u>
2018212584			2017360043		
2018363479	2017358550	<u>A61N 5/-</u>	2017363970	2017355519	2017365927
	2017379417		2017365111	2017356825	2017379867
<u>A61K 45/-</u>		2017378315	2017374015		2017379872
	<u>A61L 26/-</u>		2017376391	<u>A61Q 5/-</u>	2017382202
2017361325		<u>A61P 1/-</u>	2017376400		2018231017
2017364260	2017383546		2017383069	2017355519	
2017370664		2017365111			<u>B01J 4/-</u>
2017371050	<u>A61L 27/-</u>	2017368611	<u>A61P 33/-</u>	<u>A63B 24/-</u>	
2017381587		2017370682			2016432095
2018207464	2017371444	2018273482	2017371050	2017376486	
	2017377761				<u>B01J 41/-</u>
<u>A61K 47/-</u>		<u>A61P 11/-</u>	<u>A61P 35/-</u>	<u>A63B 71/-</u>	
	<u>A61M 1/-</u>				2018210399
2017357919		2017356911	2016429224	2017376486	
2017357961	2017387066	2017359023	2017354372		<u>B01J 43/-</u>
2017360800		2017359025	2017355603	<u>A63B 9/-</u>	
2017361325	<u>A61M 11/-</u>	2017359028	2017356911		2018210399
2017367084		2017359030	2017357488	2017376486	
2017371444	2017370741	2017376391	2017359027		<u>B01L 3/-</u>
2017376460		2017376400	2017359819	<u>A63F 13/-</u>	
2017378427	<u>A61M 13/-</u>	2017383069	2017360093		2017361281
2017378431			2017360168	2017360239	2017361282
2017379795	2017371481	<u>A61P 13/-</u>	2017362350		2017363076
2018209556			2017364260	<u>A63G 25/-</u>	2017368267
2018273483	<u>A61M 15/-</u>	2017362870	2017364720		2017390190
		2017368611	2017367734	2018218593	
<u>A61K 48/-</u>	2017370741	2017370682	2017371379		<u>B01L 7/-</u>
	<u>A61M 16/-</u>	2017386771	2017376460	<u>A63K 1/-</u>	
2017362730			2017379062		2017376118
2017362969	2017370741	<u>A61P 15/-</u>	2017382888	2018218593	2017390190
2017364106	2017371480		2017388131	<u>A63K 99/-</u>	
2017386771	2017371481	2017389819	2017388132		<u>B02C 17/-</u>
			2018207464	2018218593	
<u>A61K 49/-</u>	<u>A61M 25/-</u>	<u>A61P 17/-</u>	2018209556		2017371388
			2018363479	<u>B01D 46/-</u>	2017377010
2017360168	2017218392	2017373798			
2017367647	2017355939	2018220880	<u>A61P 37/-</u>	2017352670	<u>B03D 1/-</u>
2017368005	2017377911				
2017371069	2017387024	<u>A61P 19/-</u>	2017356911	<u>B01D 53/-</u>	2016432095
2017378226	2018208034		2017364720		2017381628
		2017355603	2017366674	2016432063	<u>B05B 11/-</u>
<u>A61K 51/-</u>	<u>A61M 3/-</u>	2017364720	2017367302	2017369106	
		2017368611	2017382888	<u>B01D 65/-</u>	2017383093
2017357919	2017375606	2018209556	2018209556		
2017367734		<u>A61P 25/-</u>		2017352670	<u>B05B 12/-</u>
2017368005	<u>A61M 31/-</u>		<u>A61P 39/-</u>		
2017378226		2017357931		<u>B01F 1/-</u>	2017376824
	2017355528	2017364801	2018365900		
<u>A61K 8/-</u>		2017367175		<u>B01F 15/-</u>	<u>B05B 13/-</u>
	<u>A61M 37/-</u>	2017381587	<u>A61P 43/-</u>	2017354437	
2016432061		2017382888			2017354895
2017355519	2017378020	2018209442	2017364720	<u>B01F 15/-</u>	<u>B05B 15/-</u>
2017356825		2018223192	2017367175		
2017373798	<u>A61M 39/-</u>		2017370682	2016432095	
		<u>A61P 29/-</u>		<u>B01F 3/-</u>	2017371729
<u>A61K 9/-</u>	2017358559		<u>A61P 7/-</u>		2017373748
		2017364720		2017354437	
2017349214	<u>A61M 5/-</u>	2017376400	2017358861		<u>B05B 5/-</u>
2017352556		2017377069	2017383546	<u>B01F 5/-</u>	
2017353325	2017355528	2017381629			2017364077
2017357961	2017378020	2017382888	<u>A61P 9/-</u>	2017354437	
2017361325	2017379094	2018209442			<u>B05B 7/-</u>
2017367084	2018210313		2017361325	<u>B01F 9/-</u>	
2017368050		<u>A61P 3/-</u>	2017362870		2017371729
2017370664	<u>A61N 1/-</u>		2017368611	2017357961	2017372935
2017370682		2017356911	2017369684		
	2017357919	2017367092	2017370682		

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

<u>B05B 9 /-</u>		<u>B60P 1 /-</u>	<u>B65B 41 /-</u>	<u>B66B 11 /-</u>	<u>C04B 28 /-</u>
2017371729	<u>B29C 64 /-</u>	2017369517	2017383135	2017386169	2017383106
	2017395741				
<u>B05D 1 /-</u>	<u>B29C 73 /-</u>	<u>B60R 1 /-</u>	<u>B65B 51 /-</u>	<u>B66B 5 /-</u>	<u>C04B 35 /-</u>
2017373748	2017371398	2017366812	2017383135	2017386169	2017355514
<u>B08B 3 /-</u>	<u>B32B 1 /-</u>	<u>B60S 1 /-</u>	<u>B65B 53 /-</u>	<u>B66C 23 /-</u>	<u>C07B 47 /-</u>
2017376816	2018209677	2017352670	2017383035	2017369517	2017381395
<u>B08B 9 /-</u>	<u>B32B 17 /-</u>	<u>B61B 10 /-</u>	2017383135	<u>B66F 9 /-</u>	<u>C07C 211 /-</u>
2017354895	2018243085	2017358550	<u>B65B 61 /-</u>	2017356672	2017353352
<u>B21B 37 /-</u>	<u>B32B 27 /-</u>	<u>B61L 25 /-</u>	2017367099	<u>B67D 1 /-</u>	<u>C07C 233 /-</u>
2017381869	2017373597	2017379589	2017383135		
2017383465	2017385508	<u>B61L 27 /-</u>	<u>B65B 7 /-</u>	2017367148	2018365900
<u>B22C 1 /-</u>	2017385513	2017379589	2017388456	2017369634	<u>C07C 237 /-</u>
2017355514	2018209677	<u>B62D 35 /-</u>	<u>B65D 41 /-</u>	2017369687	2017353588
<u>B22D 11 /-</u>	<u>B32B 3 /-</u>	2017368070	2017383093	2017369688	<u>C07C 239 /-</u>
2017367371	2017385508	<u>B62D 7 /-</u>	<u>B65D 43 /-</u>	2017369690	
<u>B22F 9 /-</u>	<u>B32B 37 /-</u>	2017368139	2017363599	<u>C01B 13 /-</u>	2016432063
2017370993	2018209677	<u>B63B 3 /-</u>	<u>B65D 49 /-</u>	2017354437	<u>C07C 279 /-</u>
<u>B23D 49 /-</u>	<u>B32B 5 /-</u>	2017364150	2017383093	<u>C01B 15 /-</u>	2017353352
2017354905	2017385508	<u>B63G 8 /-</u>	<u>B65D 51 /-</u>	2017354437	<u>C07C 317 /-</u>
<u>B23D 51 /-</u>	2017385513	2017364150	2017363242	<u>C02F 1 /-</u>	2017356911
2017354905	<u>B32B 9 /-</u>	<u>B63H 23 /-</u>	<u>B65D 65 /-</u>	<u>C02F 3 /-</u>	2017383145
<u>B23D 61 /-</u>	2017385508	2017371678	2017363242	2018213284	<u>C07D 205 /-</u>
2017354905	2017385513	<u>B63H 5 /-</u>	2017395082	<u>C02F 5 /-</u>	2017356911
<u>B25C 1 /-</u>	<u>B33Y 30 /-</u>	2017371678	<u>B65D 75 /-</u>	2017371915	<u>C07D 207 /-</u>
2017375596	2017395741	<u>B64C 13 /-</u>	2016432058	<u>C03B 37 /-</u>	2017356911
<u>B25F 5 /-</u>	<u>B41M 3 /-</u>	2016433512	2017363599	2017371084	2017371084
2017395885	2017364824	<u>B64C 19 /-</u>	<u>B65D 81 /-</u>	2017382875	<u>C07D 209 /-</u>
<u>B25H 1 /-</u>	<u>B42D 25 /-</u>	2016433512	2017363242	<u>C03C 13 /-</u>	2017353352
2017375903	2017364824	<u>B64C 39 /-</u>	<u>B65D 85 /-</u>	2017429907	<u>C07D 211 /-</u>
<u>B25J 11 /-</u>	2017377115	2016433512	2017366723	<u>C03C 15 /-</u>	2017356911
2017385726	<u>B60C 25 /-</u>	<u>B64D 43 /-</u>	<u>B65F 1 /-</u>	2017382875	<u>C07D 213 /-</u>
<u>B25J 9 /-</u>	2017371398	2017367044	2017394238	<u>C03C 25 /-</u>	2017356911
2017385726	<u>B60H 1 /-</u>	<u>B64D 43 /-</u>	<u>B65G 39 /-</u>	2017382875	2017359819
<u>B27B 19 /-</u>	2017352670	2017367044	2016432186	<u>C03C 27 /-</u>	2017381629
2017354905	<u>B60H 3 /-</u>	<u>B65B 11 /-</u>	<u>B65G 43 /-</u>	2018243085	<u>C07D 215 /-</u>
<u>B28C 7 /-</u>	2017352670	2017383135	2017367639	<u>C04B 16 /-</u>	2017356911
2017382998	<u>B60J 5 /-</u>	2017388456	<u>B65G 45 /-</u>	2017383106	<u>C07D 217 /-</u>
<u>B29C 39 /-</u>	2016433161	<u>B65B 25 /-</u>	2017344056	<u>C04B 18 /-</u>	2017387801
2017397474	<u>B60K 6 /-</u>	2017367099	<u>B65G 47 /-</u>	2017383106	<u>C07D 219 /-</u>
	2017402092	2017383135	2017358550		2017355603

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

<u>C07D 231 /-</u>		2017388132	2017373945	2017376812	
2017356911	<u>C07D 333 /-</u>	2018216040	2017375946	2017377761	<u>C09D 7 /-</u>
2017381629	2017356911	2018223192	2017379062	2017383105	2017373748
<u>C07D 233 /-</u>	2017381629	<u>C07D 491 /-</u>	2017384900	<u>C08J 5 /-</u>	<u>C09J 175 /-</u>
2017356911	<u>C07D 335 /-</u>	2017359023	2018205763	2017373597	2017382854
2017365111	2017355603	<u>C07D 495 /-</u>	2018209556	2018210399	<u>C09J 201 /-</u>
2017381629	2017356911	2017381629	2018363479	<u>C08J 7 /-</u>	2017383105
<u>C07D 239 /-</u>	<u>C07D 401 /-</u>	<u>C07D 498 /-</u>	<u>C07K 17 /-</u>	2017382202	<u>C09K 8 /-</u>
2017359819	2017356911	2017359027	2017360168	<u>C08K 13 /-</u>	2017371357
2017365111	2017357488	2017359027	2018213418	2017376812	2017386374
2017374992	2017359027	<u>C07D 519 /-</u>	<u>C07K 19 /-</u>	2017376812	2017386375
<u>C07D 241 /-</u>	2017374860	2018223192	2017357931	<u>C08K 3 /-</u>	2017386377
2017356911	2017389819	<u>C07F 15 /-</u>	2017360093	2017383105	2017386380
2017381629	<u>C07D 403 /-</u>	2017359398	2017378308	2017392503	2017394614
<u>C07D 249 /-</u>	2017357488	<u>C07F 9 /-</u>	<u>C07K 2 /-</u>	2018208035	<u>C10G 17 /-</u>
2017356911	2017359819	2017356911	2018213418	<u>C08K 5 /-</u>	2017357890
<u>C07D 257 /-</u>	2017365111	2017381395	<u>C07K 4 /-</u>	2017376812	<u>C10G 3 /-</u>
2017356911	<u>C07D 405 /-</u>	<u>C07H 19 /-</u>	2018213418	2017383105	2017357890
<u>C07D 261 /-</u>	2017356911	2017382888	<u>C07K 5 /-</u>	2018365900	<u>C10M 175 /-</u>
2017356911	2017359819	<u>C07H 5 /-</u>	2017371444	<u>C08K 7 /-</u>	2017389983
<u>C07D 263 /-</u>	2017362870	2017367302	<u>C07K 7 /-</u>	<u>C08L 101 /-</u>	<u>C11D 3 /-</u>
2017356911	2017365111	<u>C07J 1 /-</u>	<u>C08B 37 /-</u>	2017377761	2017376773
2017388131	2017374860	2017381395	2017368005	2017383105	<u>C12M 1 /-</u>
2017388132	2017389819	<u>C07K 14 /-</u>	2017373639	2018212584	2017353358
<u>C07D 277 /-</u>	<u>C07D 413 /-</u>	2017353336	<u>C08F 2 /-</u>	<u>C08L 23 /-</u>	2017362475
2017374992	2017362870	2017357935	2017367182	2016431429	2017366733
2017381629	2017374860	2017358861	2017367569	<u>C08L 27 /-</u>	<u>C12M 3 /-</u>
<u>C07D 279 /-</u>	2017388132	2017360093	<u>C08F 218 /-</u>	2017373597	2017362475
2017381914	2018209442	2017360212	<u>C08F 290 /-</u>	<u>C08L 67 /-</u>	<u>C12N 1 /-</u>
<u>C07D 285 /-</u>	<u>C07D 417 /-</u>	2017361524	2017367182	2017377761	2017360168
2017356911	2017362870	2017362730	<u>C08F 8 /-</u>	<u>C09B 21 /-</u>	2017363480
<u>C07D 295 /-</u>	2017388132	2017364106	2016433970	2017381914	2017366602
2017356911	<u>C07D 471 /-</u>	2017367691	<u>C08G 18 /-</u>	<u>C09B 55 /-</u>	2017371357
<u>C07D 305 /-</u>	2017354372	2017371260	2017382854	2017373748	2017396754
2017356911	2017356911	2017371944	<u>C08G 63 /-</u>	<u>C09D 133 /-</u>	<u>C12N 13 /-</u>
<u>C07D 307 /-</u>	2017359023	2017373639	2018204358	2017382202	2017357919
2017356911	2017359025	2017373898	2018215539	<u>C09D 183 /-</u>	2017360168
<u>C07D 309 /-</u>	2017359027	2017377124	<u>C08G 77 /-</u>	2017382163	2017362969
2017356911	2017359028	2017378308	2017382202	<u>C09D 201 /-</u>	2017364106
<u>C07D 311 /-</u>	2017359030	2017384900	<u>C08J 3 /-</u>	2017383105	2017371260
2018204358	2017374860	2018212584	2016433970	<u>C09D 5 /-</u>	2017371944
<u>C07D 307 /-</u>	2017377069	2018213418	<u>C08G 18 /-</u>	2017373748	2017372731
2017354372	<u>C07D 473 /-</u>	2018363479	<u>C08G 63 /-</u>	2018207180	2017373797
2017356911	2017382888	<u>C07K 16 /-</u>	<u>C08G 63 /-</u>		2017374044
2017367187	<u>C07D 487 /-</u>	2017360093	<u>C09D 183 /-</u>		2017376118
<u>C07D 309 /-</u>	2017357488	2017360094	<u>C09D 201 /-</u>		
2017356911	2017362350	2017360168			
<u>C07D 311 /-</u>	2017364720	2017363300			
2017355603	2017371379	2017363300			
	2017374860	2017367647			
		2017367691			
		2017367734			
		2017371437			
		2017373944			

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

2017378178	C21B 3 /-	E02D 1 /-	E04G 17 /-	E21D 9 /-	F16L 15 /-
2017378308					
2017378431	2017373747	2017367530	2017377663	2017353067	2017353895
2017382330	2017373748				
2017382333		E02D 17 /-	E04G 21 /-	F01K 25 /-	F16L 17 /-
2017386771	C21D 11 /-				
2018208505		2018257981	2017366469	2017367224	2017353701
2018212756	2017381868		2017367752		2017353896
2018363479	2017381869	E02D 19 /-		F01M 1 /-	2018214548
	2017383465		E04H 17 /-		
C12N 5 /-	2017383466	2018257981		2017389983	F16L 21 /-
			2017367752		
2017360168	C21D 9 /-	E02D 29 /-		F01M 11 /-	2017353701
2017361325			E05B 47 /-		2017353896
2017362730	2017381868	2018257981		2017389983	2018214548
2017363804	2017381869		2017383096		
2017368611	2017383465	E02D 5 /-		F01N 3 /-	F16L 23 /-
2017369684	2017383466		E05F 15 /-		
2017373639		2018257981		2017367585	2018214548
2017377309	C22B 3 /-	E02F 3 /-	2017354565	F03D 7 /-	F16L 25 /-
2017384900			2017354657		
	2017365489		E06B 9 /-	2017369205	2018214548
C12N 9 /-	2017369090	2018228068		F03D 80 /-	F16L 3 /-
	2017420270	2018228069	2017363581		
2017373797	C22B 59 /-	2018245330	2017373824	2018282297	2017357634
2017378990		E02F 9 /-			
2018205718			E21B 17 /-	F03D 9 /-	F16L 33 /-
	2017365489	2018228068			
C12P 19 /-	2017369090	2018228069	2018218543	2017362445	2017353896
	2017420270	2018245330		F16B 35 /-	2017374839
2017363076	C22C 21 /-	E03C 1 /-	E21B 19 /-		F16L 37 /-
2017367302				2017371388	
2018212756		2017387692	2017357634	F16B 47 /-	2017353701
	2017367371	E03F 9 /-			2017358559
C12P 21 /-	2017375790		2017370434	2017380643	F16L 39 /-
	2017378132	E04B 1 /-		F16B 5 /-	2017374839
2017360168	C22C 33 /-		E21B 29 /-		
2017367647		2017354895		F16B 5 /-	
2017380470			2017370435	2017366469	F16L 9 /-
2018205718	2017370993	E04B 5 /-		F16C 13 /-	2017374839
	C22C 38 /-		E21B 33 /-		
C12P 23 /-		2017360142		F16K 13 /-	
	2017370993	2018296444	2017359574	2016432186	F16N 39 /-
2017378178	C22F 1 /-		2017370435		
		E04B 5 /-	2017374839	F16J 15 /-	2017389983
C12P 7 /-			2018218542		
2017380469	2017367371	2017353537	2018218543	2017353896	F17C 5 /-
2017380470	2017375790	2017360142			
	2017378132	2018296444	E21B 41 /-	F16K 15 /-	2017366996
	C23C 14 /-	E04C 2 /-			
C12Q 1 /-			2017367000	2018212715	F17C 7 /-
2017354876	2017371707	2017360142	2018218542		
2017363076		E04C 3 /-	2018218543	F16K 17 /-	2017366996
2017363480	C23C 24 /-				
2017367175		2016429710	E21B 43 /-	2017371398	F24C 7 /-
2017369684					
2017376118	2017373748	E04C 5 /-	2017370435	F16K 27 /-	2017364286
2017378985			2017386374		
2017379867	C23G 1 /-		2017386375	2018212715	F24F 7 /-
2017379872		2017353537	2017386377		
2017381338		E04D 13 /-	2017386380	F16K 31 /-	2017371721
2017382202	C25B 1 /-				
2017382439		2017371721	E21B 47 /-	2016432095	F24H 3 /-
2017388213					
2017390190	2017354437	E04F 11 /-	2017392499	F16L 11 /-	2017364286
2018231017			2017392500		
	C25B 11 /-			2017374839	F25B 43 /-
C12R 1 /-		E04G 11 /-	E21B 7 /-	F16L 13 /-	2017371877
	2017354437				
2017381338	D01F 9 /-		2017361999		
		2017377663	2017370435	2017374839	
	2017366602				

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

<u>F25D 11 /-</u>	<u>G01L 11 /-</u>	<u>G01V 3 /-</u>	<u>G06F 21 /-</u>	<u>G06T 19 /-</u>	<u>G21C 19 /-</u>
2017369106	2017367530	2017392499	2017348382	2017375951	2017394652
2017369113		2017392500	2017358278		
	<u>G01N 1 /-</u>		2017363534		<u>G21K 1 /-</u>
<u>F25D 17 /-</u>	2017363480	<u>G01V 99 /-</u>	<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	2017378315
2017369103	2017368267	2017375796	2017375951	2017368268	
2017369106	2017373587		2018206495	2017375951	<u>H01B 3 /-</u>
2017369113	2017382379	<u>G02B 21 /-</u>		2017388028	2016431429
2017422763	2018207048	2017368267	<u>G06K 19 /-</u>	2018206495	
		2017373587	2017380263	<u>G07C 9 /-</u>	<u>H01B 7 /-</u>
<u>F25D 23 /-</u>	<u>G01N 11 /-</u>	<u>G02B 25 /-</u>	<u>G06K 7 /-</u>	2017383108	2017374839
2017354565	2017382998	2018208055	2017367639		
2017354657		<u>G02B 27 /-</u>	<u>G06K 9 /-</u>	<u>G07D 1 /-</u>	<u>H01B 9 /-</u>
	<u>G01N 15 /-</u>	2017375951	2017358278	2017369833	2016431429
<u>F25D 25 /-</u>	2017352670	2017378337	2017362975	<u>G07F 11 /-</u>	<u>H01H 19 /-</u>
2017369113	2017363480	2017379072	2017365608	2017377937	2018214432
		2017382316	2017369833	<u>G07F 17 /-</u>	<u>H01H 21 /-</u>
<u>F27D 1 /-</u>	<u>G01N 21 /-</u>	2018208055	2017382721	2017360239	2018214432
2017373747	2017368267	<u>G02B 5 /-</u>	2017386412		
2017373748	2017377057	2017364824	<u>G06N 5 /-</u>	<u>G07G 1 /-</u>	<u>H01H 33 /-</u>
	2017382316	2017378337	2017351636	2017369833	2018214432
<u>F41H 11 /-</u>	2017382379		2018215876	<u>G08B 25 /-</u>	<u>H01H 39 /-</u>
2017369210	2017382889	<u>G02B 6 /-</u>		2016432444	2017362445
	2018231017	2017369091	<u>G06N 99 /-</u>	<u>G08G 1 /-</u>	<u>H01H 9 /-</u>
<u>F41H 13 /-</u>	2018282541	2017379072	2016432064	2018215876	2018214432
2017369210		2017382882	2016432315	<u>G09B 19 /-</u>	<u>H01L 21 /-</u>
	<u>G01N 27 /-</u>	2017382889	2017387796	2017386412	2017371707
<u>F42B 12 /-</u>	2017373587	<u>G02B 7 /-</u>	<u>G06Q 10 /-</u>	<u>G09B 7 /-</u>	<u>H01L 27 /-</u>
2017369210	2017388213	2017378337	2017359191	2017351636	2017382316
	<u>G01N 33 /-</u>	<u>G03F 7 /-</u>	2017362508	<u>G09G 5 /-</u>	<u>H01L 29 /-</u>
<u>G01C 11 /-</u>	2017362975	2017382163	2017362975	2017379072	2017374758
2017401372	2017363804	<u>G05B 15 /-</u>	2017368229	<u>G10L 19 /-</u>	<u>H01L 31 /-</u>
	2017367175	2017362975	2017375796	2017394680	2017371707
<u>G01C 15 /-</u>	2017367647	<u>G05B 19 /-</u>	<u>G06Q 30 /-</u>	2017394681	2018204795
2017377672	2017367696	2017356672	2017349748	<u>G16H 10 /-</u>	<u>H01L 39 /-</u>
	2017369684	<u>G05D 1 /-</u>	2017359191	2017349748	2017387796
<u>G01C 3 /-</u>	2017373587	2016433512	2017362975	2017394135	<u>H01L 51 /-</u>
2017377676	2017378226	2017370742	2017363581	2017394136	2017386086
	2017379062	2018283894		<u>G16H 20 /-</u>	2018224430
<u>G01C 9 /-</u>	2017379756	<u>G06F 15 /-</u>	<u>G06T 1 /-</u>	2017386412	<u>H01M 10 /-</u>
2017357634	2017382998	2017382164	2017368268	<u>G16H 40 /-</u>	2016430237
	2018207048	<u>G06F 16 /-</u>	<u>G06T 11 /-</u>	2017386412	
<u>G01F 23 /-</u>	<u>G01N 35 /-</u>	2017364745	2018206495	<u>G21C 17 /-</u>	<u>H01M 2 /-</u>
2017353358	2017376118	<u>G06F 17 /-</u>	<u>G06T 15 /-</u>	2017394652	2016430237
2017354933	2017382379	2017351636	2017366812		2017395885
	<u>G01R 31 /-</u>	2017367000	<u>G06T 17 /-</u>		
<u>G01J 3 /-</u>	2018221452	2017367752	2017401372		
2017368267					
2017370838	<u>G01S 11 /-</u>				
2017377672	2017357562				
<u>G01K 1 /-</u>	<u>G01S 17 /-</u>				
2017354933	2017377672				
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<u>G01K 13 /-</u>	2017357562				
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	<u>G01S 7 /-</u>				
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2017358245	2018208576
2017373097	
<u>H01M 8 /-</u>	<u>H04N 5 /-</u>
2017373097	2017356952
	2018208055
<u>H01S 3 /-</u>	<u>H04W 12 /-</u>
2017375481	2017383108
<u>H02G 15 /-</u>	<u>H04W 16 /-</u>
2017374839	2016428405
	2017355776
<u>H02H 3 /-</u>	2017390890
2017362445	<u>H04W 28 /-</u>
<u>H02H 7 /-</u>	2017355776
2017362445	2017359491
<u>H02J 7 /-</u>	<u>H04W 4 /-</u>
2017389098	2017383108
<u>H02M 3 /-</u>	<u>H04W 52 /-</u>
2018263420	2017355776
<u>H02M 7 /-</u>	<u>H04W 60 /-</u>
2018263420	2017355827
<u>H02P 25 /-</u>	<u>H04W 72 /-</u>
2016428287	2017355779
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<u>H04B 7 /-</u>	2018211040
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<u>H04J 11 /-</u>	2017390890
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<u>H04L 12 /-</u>	2017390890
2017374845	<u>H04W 88 /-</u>
2017375749	2017369590
<u>H04L 27 /-</u>	<u>H05B 1 /-</u>
2017352946	2017364286
2017355779	
<u>H04L 29 /-</u>	<u>H05K 1 /-</u>
2018218593	2018214432
<u>H04L 9 /-</u>	
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H04M 1/725 (2006.01)
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B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
B32B 27/34 (2006.01)
B32B 27/36 (2006.01)

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C09D 101/00 (2006.01)
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C08H 8/00 (2010.01)
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A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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C12N 15/13 (2006.01)
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F25J 3/00 (2006.01)
B01D 53/00 (2006.01)
C10L 3/10 (2006.01)
C10L 3/12 (2006.01)
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C40B 30/04 (2006.01)
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B64C 13/18 (2006.01)
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A61P 25/18 (2006.01)
A61P 25/28 (2006.01)
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B60P 7/12 (2006.01)
B65D 85/20 (2006.01)
F16L 3/227 (2006.01)
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H01M 8/04007 (2016.01)
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 missions for the area covered by the
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C07C 17/25 (2006.01)
C08J 9/14 (2006.01)
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A61K 51/10 (2006.01)

C07C 247/14 (2006.01)

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C07K 17/06 (2006.01)

A61K 103/00 (2006.01)

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2013272548	Riken; Sumitomo Chemical Company, Limited	2015219381	United States Gypsum Company
2013291763	Oxford Nanopore Technologies Limited	2015220824	Trust Technology World - DMCC
2013352812	Ajou University Industry-Academic Cooperation Foundation	2015221524	Integra LifeSciences Switzerland Sarl
2013355443	Samsung Electronics Co., Ltd.	2015222839	Avent, Inc.
2013376863	Bluebeam Software, Inc.	2015222865	Nimbus Lakshmi, Inc.
2013390782	Microsoft Technology Licensing, LLC	2015224477	Fabrics for Industry Pty Ltd
2014202843	NOWWW.US Pty Ltd	2015228751	Immunocore Limited; Adaptimmune Limited
2014202909	DuluxGroup (Australia) Pty Ltd	2015229212	Agios Pharmaceuticals, Inc
2014203438	Mallinckrodt Hospital Products IP Limited	2015231672	Lexicon Pharmaceuticals, Inc.
2014212430	Codexis, Inc.	2015231854	Mantrose-Haeuser Co., Inc.
2014217875	Amincem S.A.	2015237840	Torrent Pharmaceuticals Limited
2014228563	Johnson & Johnson Surgical Vision, Inc.	2015237965	Park Air Systems Limited
2014248119	Memorial Sloan-Kettering Cancer Center	2015238333	Starsprings AB
2014251483	Fisher & Paykel Healthcare Limited	2015239777	Capartis AG
2014253919	Genzyme Corporation; The United States of America, as represented by the Secretary Department of Health and Human Services	2015243595	B+ G Betontechnologie + Materialbewirtschaftung Ag; Herrenknecht Aktiengesellschaft; Montanuniversitat Leoben
2014259531	BIOSENSE WEBSTER (ISRAEL) LTD.	2015247341	Becton, Dickinson and Company
2014277981	Sanofi Pasteur Inc.	2015249044	The Boeing Company
2014278839	Smartfish AS	2015250034	Vilnius University; President and Fellows of Harvard College
2014284843	Samsung Electronics Co., Ltd.	2015255271	Thales
2014290042	The Board of Trustees of the Leland Stanford Junior University	2015258110	Boehringer Ingelheim International GmbH
2014292968	Helmer, Inc.	2015259582	GBOX LLC
2014315524	MMI, LLC	2015259752	Allergan, Inc.
2014317128	LifeScan Scotland Limited	2015261133	Nestec S.A.
2014322335	Lihit Lab., Inc.	2015261383	Televic Rail NV
2014323812	Jiangsu Tasly Diyi Pharmaceutical Co., Ltd.	2015261986	Plastipak BAWT S.a r.l.
2014324630	PerkinElmer Health Sciences, Inc.	2015263436	Philip Morris Products S.A.
2014326970	KPR U.S., LLC	2015264543	R.P. Scherer Technologies, LLC
2014329452	Moderna Therapeutics, Inc.	2015267545	Apple Inc.
2014329494	SRGI Holdings, LLC; Knowlton, E.	2015268560	Dow Global Technologies LLC
2014337084	Bayer HealthCare LLC	2015268752	Bostik SA
2014342114	iRobot Corporation	2015269616	Kimberly-Clark Worldwide, Inc.
2014343517	LEGRAND ELECTRIC LIMITED	2015270360	LPG Systems
2014346859	Trophogen Inc.	2015270452	Idough Investment Company
2014351518	Technip France	2015274451	Massachusetts Institute of Technology; The Brigham And Women's Hospital, Inc.
2014352822	The General Hospital Corporation	2015275875	Johnson Matthey Public Limited Company; Anglo American Platinum Limited
2014353130	ICU Medical, Inc.	2015276082	Total Raffinage Chimie; IFP Energies Nouvelles
2014354557	CathRx Ltd	2015277531	Avent, Inc.
2014356874	Giesecke+Devrient Currency Technology GmbH	2015277534	Avent, Inc.
2014362361	NxThera, Inc.	2015278210	Core Energy Recovery Solutions Inc.
2014364086	SunPower Corporation	2015280667	Caterpillar Inc.
2014364517	ArthroCare Corporation	2015283220	Merck Patent GmbH
2014369505	Depuy Ireland Unlimited Company	2015284277	Dow Global Technologies LLC
2014389437	Bionomics Limited	2015284282	Dow Global Technologies LLC
2014399879	Sea Box International	2015284633	CareFusion 303, Inc.
2014412048	Kimberly-Clark Worldwide, Inc.	2015286833	Dollken-Kunststoffverarbeitung GmbH
2015200107	King Technology, Inc.	2015287760	Genentech, Inc.
2015200913	BIOSENSE WEBSTER (ISRAEL) LTD.	2015289144	Tricoya Technologies Ltd
2015201540	Covidien LP	2015290215	Ez Male Pads, Incorporated
2015201674	Covidien LP	2015293547	Suez Groupe
2015201810	Deere & Company	2015293628	Sevecom S.p.A.
2015202805	Covidien LP	2015298228	Dow Chemical Imea GmbH; Dow Global Technologies LLC
2015204117	Koninklijke Douwe Egberts B.V.	2015299224	CSL Limited
2015204537	Spiral Water Technologies, Inc.	2015302014	Zimmer, Inc.
2015206189	The Trustees of Dartmouth College; Spaller, M.; Kings College London	2015304438	Ono Pharmaceutical Co., Ltd.
2015206311	Alphinity, LLC	2015313983	Barworth Agriculture Ltd
2015213310	LG Electronics Inc.	2015314355	Boehringer Ingelheim International GmbH
2015213339	Johnson & Johnson Vision Care, Inc.	2015317978	Spectrum Brands, Inc.
2015213363	Suprema (Zhuhai J/V) Thermostatic Sanitaryware Co., Ltd	2015328164	Qualcomm Incorporated
2015216219	Sumitomo Electric Industries, Ltd.	2015329573	Nestec SA
2015216600	Wix.com Ltd.	2015329974	F. Hoffmann-La Roche AG

Applications Accepted - Numerical Index cont'd

2015332105	Alfa S.r.l.	2016320696	CPG Technologies, LLC.
2015332714	Nopco Paper Technology GmbH	2016321618	Evonik Technochemie GmbH
2015333599	The University of Melbourne	2016323098	Neogen Corporation
2015334964	Universitat de les Illes Balears	2016324766	PS Solutions Corp.
2015336158	Bedford Systems LLC	2016332771	College of Medicine Pochon Cha University Industry-Academic Cooperation Foundation
2015336347	Eastman Chemical Company	2016333499	Inventio AG
2015340243	Samsung Electronics Co., Ltd.	2016337084	Exxonmobil Upstream Research Company
2015342718	Spry, W.	2016339451	Prodrone Co., Ltd.
2015343361	The Chemours Company FC, LLC	2016349089	Hubei Bio-Pharmaceutical Industrial Technological Institute Inc.; Humanwell Healthcare (Group) Co., Ltd.
2015345206	Technische Universität Berlin	2016350896	Qualcomm Incorporated
2015355064	Icon Vehicle Dynamics LLC	2016361320	Victaulic Company
2015360398	United States Mineral Products Company	2016363562	Shell Internationale Research Maatschappij B.V.
2015362669	i4c Innovations Inc.	2016364380	GlaxoSmithKline Intellectual Property (No.2) Limited
2015378720	Polarcus DMCC; Godoy, E.	2016365506	ISU ABXIS Co., Ltd.
2015385791	Halliburton Energy Services, Inc.	2016369607	Mahfouz, M.
2015395033	Huawei Technologies Co., Ltd.	2016370128	NR Electric Co., Ltd.; NR Engineering Co., Ltd.
2015401752	Telefonaktiebolaget LM Ericsson (publ)	2016372422	FMC Kongsberg Subsea AS
2015407300	Wuxi Shuangliang Biotechnology Co., Ltd.	2016374432	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.
2015409682	New York Air Brake, LLC	2016374669	BrightGene Bio-Medical Technology Co., Ltd.
2015414693	Arteco nv	2016387304	Dyson Technology Limited
2015415489	Siemens Ltd.	2016395713	Mitsubishi Electric Corporation
2016200168	American Greetings Corporation	2016397447	Fujitsu General Limited
2016203384	Boston Scientific Scimed, Inc.	2016405599	Telefonaktiebolaget LM Ericsson (publ)
2016203443	Doten, L.	2016408411	MAKO Surgical Corp.
2016205045	Mars, Incorporated	2016414390	Huawei Technologies Co., Ltd.
2016207758	AgResearch Limited	2017201302	NewSouth Innovations Pty Limited
2016210114	The Yokohama Rubber Co., Ltd.	2017201440	President and Fellows of Harvard College
2016211930	Baker Hughes a GE Company, LLC	2017202041	Hussmann Corporation
2016214157	Johnson Matthey Public Limited Company	2017202444	VOIDECK IPCO LIMITED
2016215191	Dana Heavy Vehicle Systems Group, LLC	2017202515	Memorial Sloan-Kettering Cancer Center
2016221293	Enzymotec Ltd.	2017202563	TOYOTA JIDOSHA KABUSHIKI KAISHA
2016221920	Perigon AS	2017202689	Firestone Building Products Co., LLC
2016223683	Palobiofarma, S.L.	2017202889	Amgen Inc.
2016227662	FMC Kongsberg Subsea AS	2017202914	Ebates Inc.
2016229010	24/7 Customer, Inc.	2017202917	Apple Inc.
2016232638	Herrenknecht AG	2017203087	The Trustees of the University of Pennsylvania
2016233552	Mazarick, M.	2017203177	Dow AgroSciences LLC
2016234919	F & J Attard & Sons Pty Ltd	2017203178	Dow AgroSciences LLC
2016240348	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2017203180	Dow AgroSciences LLC
2016244241	The Broad Institute, Inc.; President and Fellows of Harvard College; Massachusetts Institute of Technology	2017203182	Dow AgroSciences LLC
2016249437	Shanghai Huilun Life Science & Technology Co., Ltd	2017203258	Novartis AG
2016256901	Celeb LLC	2017203489	3M Innovative Properties Company
2016265876	Motion Metrics International Corp	2017203804	Philip Morris Products S.A.
2016266905	ELC Management LLC	2017203852	Dallmeier Electronic GmbH & Co. KG
2016268157	SWIMC LLC	2017203961	Acorda Therapeutics, Inc.
2016270138	Huawei Technologies Co., Ltd.	2017204273	Lyft, Inc.
2016273827	Pilot Energy Solutions, LLC	2017204452	Sage Therapeutics, Inc.
2016273833	Pilot Energy Solutions, LLC	2017204748	Yale University
2016277449	MedImmune Limited	2017206148	Stratatech Corporation
2016282060	Palfinger AG	2017208208	Honda Motor Co., Ltd.
2016288656	PTT Global Chemical Public Company Limited; Chulalongkorn University	2017208309	Halliburton Energy Services, Inc.
2016290578	Inventio AG	2017210528	Baker Hughes, a GE company, LLC
2016291905	Toyo Seikan Co., Ltd.	2017210560	The General Hospital Corporation
2016293895	Denflex Co., Ltd	2017210565	GE Video Compression, LLC
2016295566	Pfizer Inc.	2017210635	Stryker Corporation
2016299722	Inventio AG	2017211332	Elekta Ltd.; Elekta, Inc.
2016301712	Huawei Technologies Co., Ltd.	2017213439	LG Electronics Inc.
2016301916	LG Electronics Inc.	2017213503	ModernaTX, Inc.
2016303843	LG Electronics Inc.	2017216426	ATROX Snake Barrier, LLC
2016305010	Trice Medical, Inc.	2017216443	The Coca-Cola Company
2016308704	Novartis AG	2017216608	Boston Scientific Neuromodulation Corporation
2016309530	Telefonaktiebolaget LM Ericsson (publ)	2017218452	Moloney, L.; Scott, G.
2016310422	Cardiff Group, naamloze vennootschap	2017218455	Aloi Group Pty Ltd
2016310599	Interventek Subsea Engineering Limited	2017218964	Jadhav, A.
2016310715	The Yokohama Rubber Co., Ltd.	2017219158	GD Midea Heating & Ventilating Equipment Co., Ltd.; Midea Group Co., Ltd.
2016312597	Owen Oil Tools LP	2017221836	BioAtla LLC
2016315362	Lanxess Deutschland GmbH	2017221864	Apple Inc.
2016315741	Revolver 26 Investment Corporation	2017221883	JOINT STOCK COMPANY "PHARMASYNTEZ"
2016320695	CPG Technologies, LLC.	2017222107	Neuronano AB

Applications Accepted - Numerical Index cont'd

2017223287	Buckman Laboratories International, Inc.	2018203854	Samsung Electronics Co., Ltd.
2017225098	OMS INVESTMENTS, INC.	2018204001	SAMSUNG ELECTRONICS CO., LTD.
2017227162	Mitsubishi Heavy Industries Thermal Systems, Ltd.	2018204444	SKIDATA AG
2017227532	Ecolab USA Inc.	2018204459	Surf Lakes Holdings Ltd
2017228553	W. L. Gore & Associates, Inc.	2018206698	Pall Corporation
2017228575	Accenture Global Services Limited	2018208759	Lai, C.C.
2017228625	Aemass, Inc.	2018220022	Johnson & Johnson Surgical Vision, Inc.
2017228630	CleanBrands, LLC	2018233039	MCC (XIANG TAN) MINING EQUIPMENT LLC
2017232102	AgroFresh Inc.	2018247278	Murphy, S.; Murphy, W.
2017235891	Theravance Respiratory Company	2018253618	Technologies Holdings Corp.
2017235972	Ball Corporation	2018271275	Samsung Electronics Co., Ltd.
2017237840	Motorola Solutions, Inc.	2018350300	Northwestern University
2017238842	Intra-Cellular Therapies, Inc.	2019200858	Optimedica Corporation
2017239893	Suntory Holdings Limited	2019201533	KPR U.S., LLC
2017242363	Siemens Aktiengesellschaft	2019201824	Ningbo Junxing Daily Commodity Co., Ltd.
2017251203	Mitsubishi Heavy Industries Thermal Systems, Ltd.	2019201835	Yuhuan Ruijiang Computer Co., Ltd.
2017251805	AMVAC C.V.	2019201837	Shengzhou Huijie Household Products Co., Ltd.
2017252004	Vossloh-Werke GmbH	2019201838	Shengzhou Huijie Household Products Co., Ltd.
2017253327	Mitsubishi Electric Corporation	2019202022	Tiantai Jingjiu Crystal Co., Ltd.
2017254978	Roka Sports, Inc.	2019202131	Chunan Liyi Cup Co., Ltd.
2017258971	Illinois Tool Works Inc.	2019202277	Yongkang Guanding Cup Industry Co., Ltd.
2017260473	LG Electronics Inc.	2019202866	Apple Inc.
2017260480	LG Electronics Inc.	2019203209	Apple Inc.
2017262385	Kando Innovation Limited		
2017263566	YETI Coolers, LLC		
2017265181	Allergan, Inc.		
2017265961	Fujikura Ltd.		
2017268530	Graco Minnesota Inc.		
2017269273	Ecolab USA Inc.		
2017272154	Dominion Energy, Inc.		
2017272178	Komatsu Ltd.		
2017276310	Huwais IP Holding LLC		
2017305366	Innovent Biologics (Suzhou) Co., Ltd		
2017307644	Zelda Therapeutics Operations Pty Ltd		
2017311153	Yichang Energy Materials Technology Corporation Limited		
2017344741	First Frontier Pty Ltd		
2017348992	Soultec Co., Ltd		
2017355762	Vacan, Inc.		
2017358710	Basell Polyolefine GmbH		
2017358715	Basell Polyolefine GmbH		
2017370318	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.		
2017375977	Laura Metaal Holding B.V.		
2017404563	China University of Mining and Technology		
2018200036	MedicalTree Patent Ltd		
2018200203	CRRRC Qiqihar Rolling Stock Co., Ltd.		
2018200258	BASF Plant Science Company GmbH		
2018200505	Rite-Hite Holding Corporation		
2018200511	Venitas Research Center, LLC		
2018200808	Joy Global Underground Mining LLC		
2018201094	Regeneron Pharmaceuticals, Inc.		
2018201705	GENELEC OY		
2018201724	THE CHEMOURS COMPANY FC, LLC.		
2018201818	Intra-Cellular Therapies, Inc.		
2018201830	NTT DOCOMO INC.		
2018201944	Accenture Global Solutions Limited		
2018201996	Esperance Pharmaceuticals, Inc.		
2018202095	Bristol-Myers Squibb Company; Pfizer Inc.		
2018202109	Nordiska Truss AB		
2018202376	Bayer Pharma Aktiengesellschaft		
2018202446	The United States of America, as represented by the Secretary, Department of Health and Human Services		
2018202687	FERNO-WASHINGTON, INC.		
2018202714	Eli Lilly and Company		
2018202719	ViewRay Technologies, Inc.		
2018202854	Novartis AG		
2018202869	Nocimed, Inc.; The Regents of the University of California		
2018202912	SOUTHERN INNOVATION INTERNATIONAL PTY LTD		
2018202952	Apple Inc.		
2018203715	Murray & Poole Enterprises, Ltd.		

IPC Index

<u>A01C 21 /-</u>	<u>A01N 65 /-</u>	<u>A41D 7 /-</u>	2018204459	<u>A61C 3 /-</u>	2016249437
2017251805	2015313983	2017254978	<u>A47L 5 /-</u>	2017276310	2016308704
<u>A01F 15 /-</u>	<u>A01P 1 /-</u>	<u>A45C 11 /-</u>	2015213310	<u>A61C 8 /-</u>	2016349089
2015270452	2015298228	2019202022	<u>A47L 9 /-</u>	2016293895	2016364380
<u>A01G 7 /-</u>	2017227532	<u>A45C 13 /-</u>	2016387304	<u>A61F 13 /-</u>	2017203258
2016324766	<u>A01P 5 /-</u>	2017263566	2017260473	2014412048	2017204452
<u>A01H 1 /-</u>	2015313983	2019202866	2017260480	2015290215	2017235891
2018200258	<u>A23C 21 /-</u>	<u>A45C 3 /-</u>	<u>A61B 1 /-</u>	<u>A61F 2 /-</u>	2017238842
<u>A01H 5 /-</u>	2016374432	2017263566	2016305010	2014369505	2017307644
2018200258	<u>A23C 9 /-</u>	2019201835	<u>A61B 10 /-</u>	2015213339	2018202376
<u>A01J 5 /-</u>	2016374432	<u>A45C 9 /-</u>	2015201540	2015345206	2018202714
2018253618	<u>A23D 9 /-</u>	2019201835	<u>A61B 17 /-</u>	2017206148	2018202854
<u>A01K 13 /-</u>	2016221293	<u>A45D 24 /-</u>	2014228563	2017228553	2018203715
2015317978	2018200258	2015317978	2014329494	<u>A61F 7 /-</u>	<u>A61K 35 /-</u>
<u>A01K 27 /-</u>	<u>A23F 3 /-</u>	<u>A47B 95 /-</u>	2014364517	2014362361	2013272548
2015362669	2015342718	<u>A47B 96 /-</u>	2014369505	<u>A61F 9 /-</u>	2014248119
<u>A01K 29 /-</u>	<u>A23F 5 /-</u>	2015286833	2015201674	2014228563	2014278839
2015362669	2015342718	<u>A47B 96 /-</u>	2015202805	2018220022	2016332771
<u>A01K 61 /-</u>	<u>A23G 1 /-</u>	<u>A47C 23 /-</u>	2015277531	2019200858	<u>A61K 38 /-</u>
2015224477	2016205045	2015238333	2015302014	<u>A61G 3 /-</u>	2014253919
<u>A01N 1 /-</u>	<u>A23J 3 /-</u>	<u>A47C 27 /-</u>	2016408411	2018202687	2014346859
2015287760	2015329573	2015238333	2017201302	<u>A61H 31 /-</u>	2015206189
2017210560	<u>A23K 10 /-</u>	<u>A47C 31 /-</u>	2017210635	2018200036	2015299224
<u>A01N 25 /-</u>	2015293628	2015342718	2017276310	<u>A61H 7 /-</u>	2016277449
2016207758	<u>A23K 20 /-</u>	<u>A47F 3 /-</u>	2018247278	<u>A61J 1 /-</u>	2017203961
2016315362	2015293628	2017202041	2018350300	2015264543	2018202376
<u>A01N 33 /-</u>	<u>A23K 40 /-</u>	<u>A47G 11 /-</u>	<u>A61B 18 /-</u>	<u>A61H 7 /-</u>	<u>A61K 39 /-</u>
2015298228	2015293628	2019201824	2014354557	2015270360	2013352812
2017227532	<u>A23L 2 /-</u>	<u>A47G 19 /-</u>	2014362361	<u>A61J 15 /-</u>	2014277981
<u>A01N 43 /-</u>	2014278839	2019202131	<u>A61B 34 /-</u>	2019201533	2015206189
2016315362	2016374432	2019202277	2016408411	<u>A61K 103 /-</u>	2016295566
<u>A01N 47 /-</u>	2017239893	<u>A47G 9 /-</u>	<u>A61B 5 /-</u>	2015333599	2016365506
2015313983	<u>A23L 27 /-</u>	2017228630	2014203438	<u>A61K 31 /-</u>	2017202515
<u>A01N 59 /-</u>	2017203804	<u>A47J 31 /-</u>	2014259531	2015333599	2017202889
2016315362	2017239893	2015204117	2014315524	<u>A61K 45 /-</u>	2017203087
<u>A01N 63 /-</u>	<u>A24D 3 /-</u>	2015261133	2014354557	2015304438	2017305366
2015313983	2017203804	2015336158	2015200913	<u>A61K 47 /-</u>	2018201996
2016207758	<u>A24F 47 /-</u>	2019202131	2015218807	2014278839	2016364380
	2015263436	<u>A47K 3 /-</u>	2015362669	2014323812	2017203258
			2016369607	2014389437	2018201996
			2017222107	2015218775	
			2018202719	2015229212	
			2018202869	2015231672	<u>A61K 48 /-</u>
			<u>A61B 6 /-</u>	2015237840	2017213503
			2015200913	2015259752	<u>A61K 49 /-</u>
			<u>A61B 90 /-</u>	2015283220	2016374669
			2015202805	2015304438	
			<u>A61C 13 /-</u>	2015314355	
			2016293895	2015334964	
				2015407300	
				2016223683	

Applications Accepted - IPC Index cont'd

<u>A61K 51 /-</u>	2014337084 2014362361	<u>A61P 29 /-</u>	<u>A62C 5 /-</u>	2019202277	<u>B27K 5 /-</u>
2015333599 2017305366	<u>A61M 39 /-</u>	2015304438	2016203443	<u>B01J 19 /-</u>	2015289144
<u>A61K 8 /-</u>	2014228563 2015284633	<u>A61P 3 /-</u>	<u>A63B 69 /-</u>	2015289144	<u>B27M 3 /-</u>
2015231854 2016256901 2016266905	<u>A61M 5 /-</u>	2015334964 2016223683	2018204459	<u>B01J 23 /-</u>	2018202109
<u>A61K 9 /-</u>	2014326970 2014353130 2015247341 2015284633 2019201533	<u>A61P 33 /-</u>	<u>A63C 19 /-</u>	2016214157	<u>B28B 19 /-</u>
2015299224 2016364380 2017203258 2017265181 2018202376	<u>A61N 1 /-</u>	2015283220	2017268530	<u>B01J 8 /-</u>	2015219381
<u>A61L 15 /-</u>	2014353130 2015277534 2017216608 2017222107	<u>A61P 35 /-</u>	<u>A63F 13 /-</u>	2015276082	<u>B29C 43 /-</u>
2014412048	<u>A61N 2 /-</u>	2014389437 2015218775 2015304438 2015334964 2015407300 2016223683 2016308704 2016349089 2017202515 2017305366 2018201996 2018202095	2017203852	<u>B01L 3 /-</u>	2017252004
<u>A61L 2 /-</u>	<u>A61N 2 /-</u>	<u>A61P 37 /-</u>	<u>A63G 31 /-</u>	2014352822	<u>B29C 63 /-</u>
2015222839	2018200511	2015237840 2015304438 2018202854	2018204459	<u>B05B 11 /-</u>	2015286833
<u>A61L 27 /-</u>	<u>A61N 5 /-</u>	<u>A61P 41 /-</u>	<u>B01D 29 /-</u>	2015258110	<u>B29C 67 /-</u>
2013272548 2015345206	2017211332	2017221883	2015204537 2015280667	<u>B05B 13 /-</u>	2015269616 2015345206
<u>A61L 29 /-</u>	<u>A61P 1 /-</u>	<u>A61P 43 /-</u>	<u>B01D 35 /-</u>	2016291905	<u>B32B 15 /-</u>
2014228563	2015304438	2015304438	2015204537	<u>B05B 3 /-</u>	2017258971
<u>A61M 1 /-</u>	<u>A61P 11 /-</u>	<u>A61P 44 /-</u>	<u>B01D 46 /-</u>	2016291905	<u>B32B 27 /-</u>
2014228563 2018200036 2018200511	2015304438 2015314355 2016223683 2017235891	2017221883	<u>B01D 46 /-</u>	<u>B05C 17 /-</u>	2015286833 2015360398
<u>A61M 11 /-</u>	<u>A61P 13 /-</u>	<u>A61P 45 /-</u>	<u>B01D 53 /-</u>	2014202909	<u>B32B 37 /-</u>
2015258110 2017203489	2015304438	2015304438	2015278210 2016273827 2016273833	<u>B05C 5 /-</u>	<u>B32B 7 /-</u>
<u>A61M 15 /-</u>	<u>A61P 17 /-</u>	<u>A61P 46 /-</u>	<u>B01D 61 /-</u>	2015219381	<u>B33Y 70 /-</u>
2015258110 2017203489	2015304438 2017307644	2018202714	2015278210 2017348992 2018206698	<u>B05D 1 /-</u>	<u>B32B 7 /-</u>
<u>A61M 16 /-</u>	<u>A61P 19 /-</u>	<u>A61P 47 /-</u>	<u>B01D 63 /-</u>	2016291905	<u>B33Y 80 /-</u>
2014203438 2014251483 2017203489	2014290042 2018202714	2014323812	2018206698	<u>B05D 3 /-</u>	<u>B33Y 70 /-</u>
<u>A61M 25 /-</u>	<u>A61P 21 /-</u>	<u>A61P 48 /-</u>	<u>B01D 69 /-</u>	2016291905	<u>B42D 15 /-</u>
2014228563 2014315524 2014354557 2015200913 2015277531 2015277534 2016203384	2018202714	2014323812 2014323812	2018206698	<u>B05D 7 /-</u>	<u>B33Y 80 /-</u>
<u>A61M 27 /-</u>	<u>A61P 25 /-</u>	<u>A61P 49 /-</u>	<u>B01D 71 /-</u>	2016291905	<u>B42D 15 /-</u>
2015221524 2018200036	2014278839 2015231672 2015304438 2015334964 2016223683 2017203961 2017204452 2017204748	2014323812 2015334964 2016223683 2016249437 2018203715	2015278210	<u>B23Q 16 /-</u>	<u>B42D 25 /-</u>
<u>A61M 37 /-</u>	<u>A61P 27 /-</u>	<u>A61Q 17 /-</u>	<u>B01F 1 /-</u>	2018202109	2016200168
2014253919 2015259752	2014253919 2015259752	2015200107	2018206698	<u>B23Q 7 /-</u>	2014356874
		2015231854	<u>B01D 71 /-</u>	2016291905	<u>B42F 9 /-</u>
		<u>A61Q 19 /-</u>	2015278210	<u>B26D 1 /-</u>	2014322335
		2015231854	<u>B01F 13 /-</u>	2017262385	<u>B60C 11 /-</u>
		<u>A61Q 5 /-</u>	2017348992	<u>B26D 7 /-</u>	2016210114
		2016256901 2016266905	<u>B01F 15 /-</u>	2017262385	<u>B60C 23 /-</u>
		<u>A62C 3 /-</u>	2012328207	<u>B27F 7 /-</u>	2016215191
		2016203443	<u>B01F 3 /-</u>	2018202109	<u>B60C 29 /-</u>
			2012328207	<u>B27K 3 /-</u>	2016215191
			<u>B01F 7 /-</u>	2015284277 2015284282 2015289144	<u>B60G 13 /-</u>

Applications Accepted - IPC Index cont'd

2015355064	2015261986	<u>C01C 1 /-</u>	<u>C07C 309 /-</u>	<u>C07D 471 /-</u>	2014346859
<u>B60J 1 /-</u>	<u>B65D 33 /-</u>	2016214157	2015336347	2015283220	2016365506
2016234919	2017232102	<u>C02F 1 /-</u>	<u>C07C 317 /-</u>	2015314355	2017202515
<u>B60J 5 /-</u>	<u>B65D 77 /-</u>	2015200107	2016321618	2015407300	2017221836
2016234919	2017232102	<u>C02F 103 /-</u>	<u>C07C 43 /-</u>	2016249437	2017305366
<u>B60K 1 /-</u>	<u>B65D 79 /-</u>	2015200107	2016321618	2017238842	2018201094
2018233039	2015261986	<u>C04B 14 /-</u>	<u>C07C 49 /-</u>	2018201818	2018201996
<u>B60K 17 /-</u>	<u>B65D 81 /-</u>	2017252004	2016321618	<u>C07D 487 /-</u>	2018202095
2018233039	2017232102	<u>C04B 26 /-</u>	<u>C07C 69 /-</u>	2015231672	2018202446
<u>B60K 7 /-</u>	2017263566	2017252004	2015334964	2015283220	<u>C07K 17 /-</u>
2018233039	<u>B65D 83 /-</u>	<u>C04B 41 /-</u>	<u>C07D 211 /-</u>	<u>C07D 491 /-</u>	2014346859
<u>B60P 1 /-</u>	2015264543	2014217875	2015336347	2015222865	2015333599
2018233039	<u>B65D 85 /-</u>	<u>C05B 17 /-</u>	<u>C07D 221 /-</u>	2015314355	<u>C07K 7 /-</u>
<u>B60P 7 /-</u>	2014399879	2017225098	2017204748	<u>C07D 495 /-</u>	2015206189
2014399879	<u>B65G 43 /-</u>	<u>C05F 11 /-</u>	<u>C07D 239 /-</u>	2014323812	<u>C08F 10 /-</u>
<u>B60R 19 /-</u>	2016310715	2016207758	2016321618	2015222865	2016315362
2018233039	<u>B66B 1 /-</u>	<u>C05F 7 /-</u>	2016349089	2015407300	2017358715
<u>B60T 17 /-</u>	2016290578	<u>C05G 5 /-</u>	<u>C07D 251 /-</u>	<u>C07D 513 /-</u>	<u>C08F 110 /-</u>
2015409682	2016299722	2017225098	2015229212	2015237840	2017358710
<u>B61F 5 /-</u>	<u>B66B 13 /-</u>	<u>C06B 29 /-</u>	<u>C07D 333 /-</u>	<u>C07F 9 /-</u>	<u>C08F 12 /-</u>
2018200203	2016299722	2016207758	2015259752	2014323812	2016315362
<u>B61L 5 /-</u>	<u>B66B 3 /-</u>	2017311153	<u>C07D 401 /-</u>	2014323812	2016315362
2015415489	2016290578	<u>C06B 31 /-</u>	2015218775	<u>C07G 1 /-</u>	2016315362
<u>B62D 33 /-</u>	<u>B66B 5 /-</u>	2017311153	2015304438	<u>C07H 15 /-</u>	2017358715
2018233039	2016333499	<u>C07C 17 /-</u>	2015407300	2015329974	<u>C08F 20 /-</u>
<u>B62J 17 /-</u>	<u>B66C 15 /-</u>	2018201724	2016223683	<u>C07H 21 /-</u>	2016315362
2017208208	2016282060	<u>C07C 235 /-</u>	2016349089	<u>C07J 31 /-</u>	2017358715
<u>B63B 21 /-</u>	<u>B66C 23 /-</u>	2015333599	2017221883	2017204452	<u>C08F 222 /-</u>
2015378720	2016282060	<u>C07C 247 /-</u>	2017235891	<u>C07J 41 /-</u>	2016321618
<u>B64C 13 /-</u>	<u>B67D 1 /-</u>	2015333599	<u>C07D 403 /-</u>	<u>C07J 9 /-</u>	<u>C08F 8 /-</u>
2016339451	2012328207	<u>C07C 261 /-</u>	2015218775	2017204452	2015274451
<u>B64C 27 /-</u>	2015336158	2015333599	2015407300	2017204452	2017223287
2016339451	2016310422	<u>C07C 273 /-</u>	<u>C07D 405 /-</u>	<u>C07K 1 /-</u>	<u>C08G 18 /-</u>
<u>B64C 39 /-</u>	2017216443	2017348992	2015218775	2014346859	2017202689
2016339451	<u>C01B 21 /-</u>	<u>C07C 275 /-</u>	2016349089	<u>C07K 14 /-</u>	<u>C08G 63 /-</u>
<u>B64D 47 /-</u>	2015414693	2017348992	<u>C07D 413 /-</u>	2014329452	2015274451
2016339451	<u>C01B 3 /-</u>	<u>C07C 303 /-</u>	2015283220	2014346859	<u>C08G 64 /-</u>
<u>B65D 1 /-</u>	2016214157	2015336347	2016349089	2015228751	2016374669
			<u>C07D 417 /-</u>	2016277449	<u>C08G 65 /-</u>
			2015283220	2018200258	2016321618
				2018201996	2017202689
				<u>C07K 16 /-</u>	
				2013352812	

Applications Accepted - IPC Index cont'd

<u>C08G 73 /-</u>	2015286833	<u>C12N 15 /-</u>	<u>C40B 30 /-</u>	<u>E04G 3 /-</u>	2017208309
2017221883	<u>C09J 125 /-</u>	2013352812	2017201440	2017202444	<u>E21C 35 /-</u>
<u>C08H 8 /-</u>	2015268752	2016244241	<u>C40B 40 /-</u>	<u>E04H 17 /-</u>	2016265876
2015284277	<u>C09J 133 /-</u>	2017202515	2015228751	2017216426	2018200808
2015289144	<u>C09J 143 /-</u>	2017203177	<u>D04H 1 /-</u>	<u>E04H 4 /-</u>	<u>E21C 41 /-</u>
2018208759	2015268752	2017203178	2014412048	2015200107	2018200808
<u>C08J 7 /-</u>	<u>C09J 143 /-</u>	2017203180	<u>D06F 39 /-</u>	2017218455	<u>E21D 9 /-</u>
2015278210	2015268752	2017203182	2017213439	2018204459	2015243595
<u>C08J 9 /-</u>	<u>C09J 171 /-</u>	2017221836	<u>E05F 15 /-</u>	<u>E21F 5 /-</u>	2017404563
2018201724	2017202689	2017305366	2018200505	2017404563	<u>F02D 41 /-</u>
<u>C08K 3 /-</u>	<u>C09J 175 /-</u>	2018200258	<u>E06B 9 /-</u>	<u>F02D 41 /-</u>	2017202563
2015284277	2017202689	2018201094	2018200505	2017202563	<u>F04B 13 /-</u>
<u>C08K 5 /-</u>	<u>C09J 5 /-</u>	<u>C12N 5 /-</u>	<u>E21B 17 /-</u>	<u>F04B 13 /-</u>	2015332105
2015284282	2015286833	2013272548	2016232638	2015332105	<u>F04B 49 /-</u>
<u>C08K 9 /-</u>	<u>C09K 21 /-</u>	2014248119	<u>E21B 19 /-</u>	<u>F04B 49 /-</u>	2015332105
2015343361	2015360398	2015287760	2016372422	2015332105	<u>F04B 53 /-</u>
<u>C08L 1 /-</u>	<u>C09K 3 /-</u>	2015345206	<u>E21B 21 /-</u>	<u>F04B 53 /-</u>	2015332105
2015268560	2018201724	2016332771	2016227662	2015332105	<u>F04B 7 /-</u>
<u>C08L 23 /-</u>	<u>C09K 5 /-</u>	2017202515	2016232638	<u>F04B 7 /-</u>	2015332105
2015268560	2018201724	2017221836	<u>E21B 23 /-</u>	<u>F04B 7 /-</u>	2015332105
2015284277	<u>C09K 5 /-</u>	<u>C12N 9 /-</u>	2016221920	<u>F04C 18 /-</u>	2017251203
2015284282	2018201724	2013291763	2017208309	<u>F04C 18 /-</u>	2017251203
<u>C08L 33 /-</u>	2015276082	<u>C12P 13 /-</u>	<u>E21B 29 /-</u>	<u>F04C 23 /-</u>	2017251203
2015268560	<u>C09K 5 /-</u>	2015336347	2016211930	<u>F04C 23 /-</u>	2017251203
2015284277	<u>C09K 5 /-</u>	<u>C12P 17 /-</u>	2017208309	<u>F04C 29 /-</u>	2017251203
2015284282	<u>C10J 3 /-</u>	2015336347	<u>E21B 33 /-</u>	<u>F04C 29 /-</u>	2017251203
<u>C08L 79 /-</u>	2016273827	<u>C12P 19 /-</u>	<u>E21B 33 /-</u>	<u>F04C 29 /-</u>	2017251203
2017221883	2016273833	2015250034	<u>E01B 3 /-</u>	<u>F04C 29 /-</u>	2017251203
<u>C09C 1 /-</u>	<u>C11B 5 /-</u>	<u>C12P 21 /-</u>	2017252004	<u>F04C 29 /-</u>	2017251203
2015343361	2016221293	2017202889	<u>E01C 23 /-</u>	<u>F15D 1 /-</u>	2015378720
<u>C09D 101 /-</u>	<u>C11C 3 /-</u>	2016288656	2017268530	<u>F15D 1 /-</u>	2015378720
2015268560	2015334964	<u>C12Q 1 /-</u>	<u>E01F 15 /-</u>	<u>F16B 33 /-</u>	2017258971
2015278210	<u>C11D 1 /-</u>	2016277449	2017375977	<u>F16B 33 /-</u>	2017258971
<u>C09D 123 /-</u>	2015336347	2016323098	<u>E02B 3 /-</u>	<u>F16K 1 /-</u>	2016361320
2015268560	2017269273	2017201440	2018204459	<u>F16K 1 /-</u>	2016361320
<u>C09D 133 /-</u>	<u>C11D 17 /-</u>	2017221836	<u>E02D 15 /-</u>	<u>F16K 11 /-</u>	2015213363
2015268560	2017269273	<u>C22B 11 /-</u>	2007264734	<u>F16K 11 /-</u>	2015213363
<u>C09D 171 /-</u>	<u>C11D 3 /-</u>	2015275875	<u>E02D 5 /-</u>	<u>F16K 15 /-</u>	2016215191
2015278210	2017269273	<u>C22C 1 /-</u>	2007264734	<u>F16K 15 /-</u>	2016215191
<u>C09D 5 /-</u>	<u>C12G 1 /-</u>	2014217875	<u>E04F 21 /-</u>	<u>F16K 17 /-</u>	2016227662
2016268157	2017235972	<u>C22C 33 /-</u>	2014202909	<u>F16K 17 /-</u>	2016312597
<u>C09J 11 /-</u>	<u>C12N 1 /-</u>	2014217875	<u>E04G 21 /-</u>	<u>E21B 7 /-</u>	2015213363
	2016288656	<u>C23C 18 /-</u>	2017202444	2015385791	<u>F16K 15 /-</u>
		2017258971		<u>E21B 49 /-</u>	2016215191
		<u>C23C 28 /-</u>		2015385791	<u>F16K 17 /-</u>
		2017258971		<u>E21B 7 /-</u>	2016227662
				2016232638	

Applications Accepted - IPC Index cont'd

<u>F16K 27 /-</u>	<u>F25J 1 /-</u>	<u>G01N 33 /-</u>	<u>G06F 1 /-</u>	2017202917	<u>H01M 10 /-</u>
2016361320	2016363562	2017201440 2017221836	2016301712	<u>G06Q 30 /-</u>	2017216608
<u>F16K 5 /-</u>	<u>F25J 3 /-</u>	<u>G01R 23 /-</u>	<u>G06F 11 /-</u>	2016229010 2017202914 2017355762	<u>H01M 8 /-</u>
2016310599	2016273827 2016273833 2016363562	2015237965	2017228575	<u>G06Q 50 /-</u>	2015216219 2017242363
<u>F16L 1 /-</u>	<u>F28F 9 /-</u>	<u>G01R 29 /-</u>	<u>G06F 13 /-</u>	2015202805 2016229010	<u>H01Q 7 /-</u>
2014351518	2017227162	2016397447	2017218964 2017355762	<u>G06T 1 /-</u>	2016320696
<u>F16L 29 /-</u>	<u>F42B 1 /-</u>	<u>G01S 13 /-</u>	<u>G06F 15 /-</u>	2016324766	<u>H01R 13 /-</u>
2016215191	2016312597	2015362669	2016233552	<u>G06T 17 /-</u>	2017370318
<u>F16L 3 /-</u>	<u>F42B 3 /-</u>	<u>G01S 5 /-</u>	<u>G06F 16 /-</u>	2015202805	<u>H02H 3 /-</u>
2014399879	2016312597	2015401752	2015216600 2017228575	<u>G06T 7 /-</u>	2016397447
<u>F16L 37 /-</u>	<u>F42C 19 /-</u>	<u>G01T 1 /-</u>	<u>G06F 17 /-</u>	2016265876 2017203852	<u>H02H 7 /-</u>
2016215191	2016312597	2018202912	2014292968 2016229010 2016324766 2017221864 2017228575	<u>G07C 9 /-</u>	<u>H02J 13 /-</u>
<u>F16L 55 /-</u>	<u>G01B 21 /-</u>	<u>G01V 1 /-</u>	<u>G06F 21 /-</u>	2017219158	<u>H02J 3 /-</u>
2017210528	2015201810 2016265876	2015378720 2016337084	2013390782 2014202843	<u>G07F 11 /-</u>	2016320695 2017272154
<u>F16L 59 /-</u>	<u>G01B 3 /-</u>	<u>G01V 9 /-</u>	<u>G02B 21 /-</u>	<u>G07F 17 /-</u>	<u>H02J 50 /-</u>
2016301916 2016303843	2015249044	2015385791	2017344741	2014292968 2017204273	2016320695
<u>F16M 11 /-</u>	<u>G01C 17 /-</u>	<u>G02B 26 /-</u>	<u>G02B 26 /-</u>	<u>G08B 5 /-</u>	<u>H02J 7 /-</u>
2018202687	2016369607	2014342114	2013355443 2014284843 2015267545 2017202917 2018204001 2019203209	2018200505	2017204273 2018200505
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2018202687	2016339451 2016369607	2016305010	2014292968 2017204273	2017221864	<u>H02K 1 /-</u>
<u>F16P 3 /-</u>	<u>G01F 1 /-</u>	<u>G02B 6 /-</u>	<u>G06F 8 /-</u>	<u>G09B 5 /-</u>	2015259582
2017262385	2018253618	2017265961	2015216600	2017221864	<u>H02M 7 /-</u>
<u>F23C 99 /-</u>	<u>G01F 11 /-</u>	<u>G02C 7 /-</u>	<u>G06F 9 /-</u>	<u>G09F 19 /-</u>	2016397447
2015276082	2015239777	2015213339	2014284843	2017355762	<u>H02P 7 /-</u>
<u>F24F 1 /-</u>	<u>G01K 7 /-</u>	<u>G03F 7 /-</u>	<u>G06G 7 /-</u>	<u>G10L 15 /-</u>	<u>H02P 8 /-</u>
2016395713	2017216608	2015345206	2014212430	2017221864	2015213310
<u>F24F 11 /-</u>	<u>G01M 13 /-</u>	<u>G05B 1 /-</u>	<u>G06K 9 /-</u>	<u>H01F 38 /-</u>	<u>H02P 9 /-</u>
2017219158	2016265876	2018200808	2013376863 2017203852	2015259582	2015259582
<u>F25B 39 /-</u>	<u>G01N 11 /-</u>	<u>G05B 11 /-</u>	<u>G06M 1 /-</u>	<u>H01H 33 /-</u>	<u>H03F 1 /-</u>
2017227162	2015206311	2017272154	2015258110	2017253327	2016405599
<u>F25D 19 /-</u>	<u>G01N 15 /-</u>	<u>G05B 23 /-</u>	<u>G06N 3 /-</u>	<u>H01H 73 /-</u>	<u>H03K 5 /-</u>
2016301916 2016303843	2017344741	2015293547	2016265876	2017253327	2018202912
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2017202041	2014317128	2016339451 2017272178	2018201944	2014364086	2015220824 2015362669 2018201830
<u>F25D 23 /-</u>	<u>G01N 30 /-</u>		<u>G06Q 10 /-</u>		
2016301916 2016303843 2017202041	2014324630				

Applications Accepted - IPC Index cont'd

	2015401752
<u>H04B 7 /-</u>	
2015255271	<u>H04W 74 /-</u>
	2015395033
<u>H04L 1 /-</u>	
2015237965	<u>H04W 76 /-</u>
2016370128	2016309530
<u>H04L 12 /-</u>	
2015255271	<u>H04W 88 /-</u>
2015261383	2019202866
2016233552	<u>H04W 92 /-</u>
2016270138	2019202866
<u>H04L 29 /-</u>	
2015249044	<u>H05B 3 /-</u>
2015340243	2017202041
2016414390	<u>H05B 37 /-</u>
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<u>H04L 9 /-</u>	2014343517
2014202843	<u>H05K 7 /-</u>
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<u>H04N 19 /-</u>	
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<u>H04N 5 /-</u>	
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2017228625	
<u>H04N 7 /-</u>	
2018203854	
<u>H04R 1 /-</u>	
2018201705	
2018202952	
<u>H04S 5 /-</u>	
2016240348	
<u>H04W 12 /-</u>	
2017237840	
<u>H04W 28 /-</u>	
2016350896	
<u>H04W 4 /-</u>	
2015401752	
2019202866	
<u>H04W 64 /-</u>	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2016247125 **MOLNAR, E.** (Marini, A.)

Patents Granted

Standard Patents

2012390266	2012394385	2013228040	2013257392
2013262804	2013263127	2013265343	2013266972
2013270018	2013274879	2013299608	2013303289
2013334652	2013366156	2013370932	2013389346
2013398354	2013407826	2014200272	2014200472
2014201369	2014201461	2014201525	2014201776
2014202990	2014205387	2014213837	2014216112
2014228231	2014232728	2014233456	2014233520
2014234156	2014238484	2014259986	2014261329
2014261409	2014262255	2014270495	2014274955
2014277674	2014279723	2014284789	2014290363
2014290913	2014290933	2014292965	2014305496
2014305994	2014311977	2014315366	2014317807
2014317814	2014321130	2014327234	2014331143
2014333867	2014335607	2014339749	2014340201
2014348468	2014348998	2014351577	2014351982
2014353075	2014354868	2014359324	2014363371
2014365237	2014366215	2014366344	2014367041
2014369892	2014369962	2014370087	2014372103
2014372312	2014381784	2014381786	2014388058
2014396468	2014402646	2014414533	2014415350
2015200122	2015200398	2015200620	2015200745
2015201180	2015204193	2015206254	2015207514
2015208670	2015208859	2015210478	2015211182
2015212931	2015212955	2015213679	2015214325
2015217621	2015221418	2015223466	2015227337
2015228373	2015229199	2015230840	2015232985
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2015240068	2015241488	2015241509	2015242245
2015243515	2015243801	2015248999	2015249074
2015250756	2015250900	2015252808	2015254712
2015259280	2015260349	2015262955	2015264603
2015267136	2015273547	2015279364	2015282754
2015283028	2015285142	2015289748	2015291477
2015291897	2015293461	2015294569	2015296146
2015303289	2015305457	2015308122	2015309172
2015310560	2015316744	2015316886	2015317139
2015320043	2015320051	2015320405	2015328825
2015332295	2015332951	2015334060	2015334728
2015340726	2015343119	2015345579	2015354330
2015357416	2015362616	2015376858	2015378562
2015379592	2015380298	2015383884	2015385199
2015385866	2015401624	2015403755	2015405840
2015409323	2015411493	2015414791	2015417574
2015417766	2016200429	2016202141	2016202293
2016202860	2016208499	2016208528	2016212100
2016216621	2016217361	2016217589	2016219217
2016228280	2016231536	2016243992	2016244228
2016245659	2016246120	2016251299	2016252162
2016259495	2016260680	2016267097	2016267216
2016269056	2016270139	2016271587	2016271834
2016271835	2016275231	2016276326	2016277564
2016280161	2016281501	2016283501	2016285813
2016285908	2016292469	2016292951	2016296923
2016297166	2016297663	2016298537	2016304408
2016305781	2016306343	2016307230	2016307780
2016307998	2016316932	2016319754	2016321999
2016322936	2016328634	2016330089	2016332485
2016332487	2016332488	2016338497	2016342075
2016351526	2016356835	2016357105	2016357938

Patents Granted

Standard Patents

2016362307	2016366625	2016369134	2016369326
2016370385	2016371019	2016371239	2016375591
2016377901	2016383836	2016384524	2016385427
2016385470	2016389781	2016393890	2016396595
2016396658	2016397188	2016401401	2016405228
2016413538	2017200418	2017200440	2017200766
2017200851	2017200933	2017201164	2017201487
2017201498	2017201727	2017202110	2017202145
2017202219	2017202302	2017202354	2017202437
2017202455	2017202667	2017202871	2017203010
2017203014	2017203550	2017203554	2017203606
2017203730	2017203901	2017203928	2017204020
2017204047	2017204320	2017204373	2017204440
2017204802	2017204868	2017204879	2017213550
2017216480	2017216542	2017218842	2017218992
2017219040	2017219157	2017219169	2017220785
2017227662	2017228526	2017228527	2017228547
2017229238	2017232099	2017232198	2017235987
2017235998	2017236132	2017239522	2017239596
2017245336	2017245342	2017248198	2017248412
2017248439	2017251714	2017263293	2017264974
2017266879	2017272276	2017272329	2017277234
2017279639	2017279642	2017279644	2017279654
2017296238	2017301099	2017305103	2017305353
2017394429	2017402895	2017407999	2018200031
2018200097	2018200369	2018200493	2018200809
2018201033	2018201445	2018201764	2018201833
2018202218	2018202580	2018202774	2018203693
2018204550	2018204830	2018232969	2018241061
2018260927	2018271403	2019200109	2019200295
2019200324			

Innovation Patents

2015101937	2015101956	2016102416	2019100474
2019100493	2019100498	2019100515	2019100519
2019100520	2019100521	2019100524	2019100525
2019100529			

Assignments Registered

2001241467	Cristal USA Inc.	The patent has been assigned to Tro- nox LLC
2001259220	Cristal USA Inc.	The patent has been assigned to Tro- nox LLC
2001282123	Argos Therapeutics, Inc.	The patent has been as- signed to Coimmune, Inc.
2002235137	Cristal USA Inc.	The patent has been assigned to Tro- nox LLC
2002250084	Cristal USA Inc.	The patent has been assigned to Tro- nox LLC
2002252114	Cristal USA Inc.	The patent has been assigned to Tro- nox LLC
2002257648	Argos Therapeutics, Inc.	The patent has been as- signed to Coimmune, Inc.
2002308426	Reflex Technology International Pty Ltd	The patent has been assigned to REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD
2002336809	Reflex Technology International Pty Ltd	The patent has been assigned to REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD

Assignments Registered

2002346369 Centocor, Inc. The patent has been assigned to **EUSA Pharma (UK) Ltd**

2003204364 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2003239166 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2003257728 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2004220725 The BOC Group, Inc; Cannon Technology, Inc. The patent has been assigned to **LINDE GAS NORTH AMERICA LLC; Cannon Technology, Inc.**

2004248072 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2004260643 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2004266615 Oragenics, Inc. The patent has been assigned to **ProBiora Health, LLC**

2005275033 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2005284922 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2005294150 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2006249640 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2006299791 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2006325325 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2007203837 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2007231544 Reflex Technology International Pty Ltd The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2007235227 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2007266335 Reflex Technology International Pty Ltd The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2007282135 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2007286908 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2007288368 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2007313072 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

Assignments Registered

2007338615 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2007350976 The National Titanium Dioxide Co., Ltd. (CRISTAL) The patent has been assigned to **Tronox LLC**

2008201685 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2008292827 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2008292920 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2008336075 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2008349486 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2008351272 FAMOUS TECHNOLOGY GmbH The patent has been assigned to **Beijing Tiandi-Marco Electro-Hydraulic Control System Co., Ltd; Beijing Meike Tianma Automation Technology Co., Ltd**

2008351273 FAMOUS TECHNOLOGY GmbH The patent has been assigned to **Beijing Tiandi-Marco Electro-Hydraulic Control System Co., Ltd; Beijing Meike Tianma Automation Technology Co., Ltd**

2008351276 FAMOUS TECHNOLOGY GmbH The patent has been assigned to **Beijing Tiandi-Marco Electro-Hydraulic Control System Co., Ltd; Beijing Meike Tianma Automation Technology Co., Ltd**

2008366085 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2009227682 8D Technologies ULC The patent has been assigned to **Lyft, Inc.**

2009245792 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2009249540 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2009250324 Hy-Performance Fluid Power Pty Ltd The patent has been assigned to **ProReman Pty Ltd**

2009257440 Oragenics, Inc. The patent has been assigned to **ProBiora Health, LLC**

2009270021 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2009315204 Hiroshima University; Two Cells Co., Ltd. The patent has been assigned to **Two Cells Co., Ltd.**

2010213361 Reflex Technology International Pty Ltd The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2010217183 Reflex Technology International Pty Ltd The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2010258367 Abbott GmbH & Co. KG The patent has been assigned to **AbbVie Deutschland GmbH & Co. KG**

2010277226 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

Assignments Registered

2010287046 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2010292604 THE NATIONAL TITANIUM DIOXIDE CO. LTD. (CRISTAL) The patent has been assigned to **Tronox LLC**

2010318634 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2010328360 THE NATIONAL TITANIUM DIOXIDE CO. LTD. (CRISTAL) The patent has been assigned to **Tronox LLC**

2010337327 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2010340321 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2010347796 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **Guangdong Oppo Mobile Telecommunications Corp., Ltd.**

2011202375 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2011241040 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2011246978 IPSEN PHARMA S.A.S. The patent has been assigned to **Ipsen Consumer Healthcare**

2011329937 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2011339942 Chep Pallecon Solutions Limited; Shanghai Horen Science And Technology Co., Ltd The patent has been assigned to **CHEP UK Limited**

2012203265 The National Titanium Dioxide Co., Ltd. (CRISTAL) The patent has been assigned to **Tronox LLC**

2012214792 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2012225191 Imdex Global B.V. The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2012230013 Weatherford Switzerland Trading and Development GmbH The patent has been assigned to **Stratum Reservoir (UK) Holdings, Ltd**

2012244143 BlackBerry Limited The patent has been assigned to **Velos Media International Limited**

2012244144 BlackBerry Limited The patent has been assigned to **Velos Media International Limited**

2012245178 BlackBerry Limited The patent has been assigned to **Velos Media International Limited**

2012268068 Oak Crest Institute of Science The patent has been assigned to **Auritec Pharmaceuticals**

2012290767 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2012318276 Imdex Global B.V. The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

Assignments Registered

2012328080 Mashiach, Adi; Mueller, Carsten The patent has been assigned to **Nyxoah SA**

2012333063 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2012340198 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2012340368 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2012367933 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **Guangdong Oppo Mobile Telecommunications Corp., Ltd.**

2013100387 Welltec A/S The patent has been assigned to **Welltec Oilfield Solutions AG**

2013200291 BlackBerry Limited The patent has been assigned to **Velos Media International Limited**

2013200325 BlackBerry Limited The patent has been assigned to **Velos Media International Limited**

2013204746 Imdex Global B.V. The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2013205810 The National Titanium Dioxide Co., Ltd. (CRISTAL) The patent has been assigned to **Tronox LLC**

2013206052 The National Titanium Dioxide Co., Ltd. (CRISTAL) The patent has been assigned to **Tronox LLC**

2013215525 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2013221020 Stichting Energieonderzoek Centrum Nederland The patent has been assigned to **Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO**

2013237703 Argos Therapeutics, Inc. The patent has been assigned to **Coimmune, Inc.**

2013249586 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2013251393 Cristal USA, Inc. The patent has been assigned to **Tronox LLC**

2013258432 Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitaetsmedizin der Johannes Gutenberg-Universitaet Mainz gemeinnuetzige GmbH The patent has been assigned to **Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitaetsmedizin der Johannes Gutenberg-Universitaet Mainz gemeinnuetzige GmbH**

2013265637 TRON-Translationale Onkologie an der Universitätsmedizin der Johannes-Gutenberg Universität Mainz gemeinnützige GmbH; Ganymed Pharmaceuticals GmbH The patent has been assigned to **Astellas Pharma Inc.; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes-Gutenberg Universität Mainz gemeinnützige GmbH**

2013265638 Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH The patent has been assigned to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes-Gutenberg-Universität Mainz gemeinnützige GmbH; Astellas Pharma Inc.**

2013305535 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

Assignments Registered

2013343085 Telefonaktiebolaget L M Ericsson (publ) The patent has been assigned to **Guangdong Oppo Mobile Telecommunications Corp., Ltd.**

2013360019 Reflex Technology International Pty Ltd The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2014100185 Imdex Global B.V. The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2014100609 Swivelpole Patent Pty Ltd The patent has been assigned to **Koekstone IP Pty Ltd**

2014201079 Weatherford Switzerland Trading and Development GmbH The patent has been assigned to **Stratum Reservoir (UK) Holdings, Ltd**

2014220852 THOMSON Licensing The patent has been assigned to **InterDigital VC Holdings, Inc.**

2014221035 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Ganymed Pharmaceuticals GmbH The patent has been assigned to **Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2014234684 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Ganymed Pharmaceuticals GmbH The patent has been assigned to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Astellas Pharma Inc.**

2014262126 Swivelpole Patent Pty Ltd The patent has been assigned to **Koekstone IP Pty Ltd**

2014277622 Swivelpole Patent Pty Ltd The patent has been assigned to **Koekstone IP Pty Ltd**

2014292249 Thomson Licensing The patent has been assigned to **InterDigital VC Holdings, Inc.**

2014301454 THOMSON Licensing The patent has been assigned to **InterDigital VC Holdings, Inc.**

2015100244 Reflex Technology International Pty Ltd The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2015100403 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2015201942 The National Titanium Dioxide Co. Ltd. (CRISTAL) The patent has been assigned to **Tronox LLC**

2015223406 Weatherford/Lamb, Inc. The patent has been assigned to **Stratum Reservoir (US), LLC**

2015240667 Weatherford Technology Holdings, LLC The patent has been assigned to **Stratum Reservoir (US), LLC**

2015311397 Shieh, Darbin The patent has been assigned to **Riche Biotech Inc.**

2016101445 Imdex Global B.V. The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

2016101478 X TEC Pty Ltd The patent has been assigned to **Hangar 23 Pty Ltd**

Assignments Registered

2016208328 IPSEN PHARMA S.A.S. The patent has been assigned to **Ipsen Consumer Healthcare**

2016247073 The National Titanium Dioxide Co. Ltd (CRISTAL) The patent has been assigned to **Tronox LLC**

2016366816 Cristal USA Inc. The patent has been assigned to **Tronox LLC**

2017200240 Oak Crest Institute of Science The patent has been assigned to **Auritec Pharmaceuticals**

2017203747 Reflex Technology International Pty Ltd The patent has been assigned to **REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2009248923 **ARIAD Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Mar 2019

For the goods ALUNBRIG brigatinib

2013205506 **ARIAD Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Mar 2019

For the goods ALUNBRIG brigatinib

Corrigenda

In Vol 32 , No 41 , Page(s) 5736 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ForSight Vision4, Inc., Application No. 2017246889, under INID (72) correct the co-inventor to Campbell, Randolph E.

In Vol 32 , No 48 , Page(s) 6818 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Nordischer Maschinenbau Rud. Baader GmbH + Co. KG; IHFood A/S, Application No. 2016405227, under INID (71) remove co-applicant IH-Food A/S

In Vol 33 , No 21 , Page(s) 3043 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019201537.

In Vol 33 , No 21 , Page(s) 3077 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ABB Schweiz AG, Application No. 2017373834, under INID (72) correct co-inventor name to Choi, Sang

In Vol 33 , No 22 , Page(s) 3190 under the heading **Amendments - Application for Amendments** Under the name HBG IP Holding Pty Ltd, Application No. 2011200416 correct the date of the statements filed to read 22 Mar 2019 and 26 Apr 2019

In Vol 33 , No 22 , Page(s) 3253 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Solo Gelato Ltd., Application No. 2017378448, under INID (72) correct the co-inventor to Dabelsteen, Ilan

Specifications Republished

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

2012244163	B. Braun Melsungen AG
2012244164	B. Braun Melsungen AG
2013201814	B. Braun Melsungen AG
2014372696	Syngenta Participations AG
2016267549	Gemalto SA
2017202610	Janssen Biotech, Inc.
2017208322	The Trustees of the University of Pennsylvania
2017337308	Weinstein, R.
2018200332	Devgen N.V.
2018200566	Ocuphire Pharma, Inc.
2018201537	Red Bull GmbH