



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	6766
Amendments Made	6767
Alteration of Name(s) of Applicant(s)/Patentee(s)	6769

Applications Accepted

Name Index	6847
Numerical Index	6879
IPC Index	6882

Applications with amended filing dates Reg 3.5(A).	6762
--	------

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	6763
---	------

Applications Open to Public Inspection

Name Index	6771
Numerical Index	6782
IPC Index	6784

Assignments before Grant, Section 113	6764
---	------

Assignments Registered	6890
------------------------------	------

Certified Innovation Patents

Name Index	6887
Numerical Index	6888
IPC Index	6889

Complete Applications Filed

Name Index	6752
Numerical Index	6758

Complete Specifications Treated as Provisional Specifications, Section 37	6764
--	------

Corrigenda	6893
Discharge of a Mortgage	6893
Extensions of Time, Section 223	6766
Innovation Patent Applications Filed	
Name Index	6760
Numerical Index	6762
Innovation Patents Open to Public Inspection	
Name Index	6786
Numerical Index	6789
IPC Index	6790
PCT applications which have entered the National Phase	
Name Index	6791
Numerical Index	6836
IPC Index	6840
Patents Granted	6890
Mortgages Registered	6893
Opposition Proceedings	6890
Provisional Applications Filed	
Name Index	6747
Numerical Index	6751
Specifications Republished	6894

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

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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

***Global Blue S.A. v Visa U.S.A. Inc.* [2018] APO 86**

Patent Application: 2015201705

Title: Application currency code for dynamic currency conversion transactions with contactless consumer transaction payment device

Patent Applicant: Visa U.S.A. Inc.

Opponent: Global Blue S.A.

Delegate: Isaac Tan

Decision Date: 30 November 2018

Hearing Date: 11 September 2018 in Sydney, NSW

Catchwords: **PATENTS** – section 59 – fintech – computer implemented invention – card payment system – financial services – dynamic currency conversion (DCC) – EMV standard – request to withdraw application refused – application in a state of lapse – regulation 13.3 and section 223 considered – whether the Commissioner has any power to decide a lapsed application – statutory interpretation – read in light of the mischief the statute was designed to overcome and of the objects of the legislation – section 60 and regulation 5.20 indicates that there is no discretion – the Commissioner has the power to refuse an application that has lapsed or is in a state of lapse – lack of novelty and inventive step under section 18 established – lack of inventive step in light of common general knowledge alone established – costs awarded against the applicant – application refused

Representation: **Applicant:**
Phillips Ormonde Fitzpatrick (Previously Spruson & Ferguson)

Opponent:
Andrew Fox SC, Counsel for the Opponent
Jane Owen, Partner of Bird & Bird
Rebecca Currey, Senior Associate of Bird & Bird
Gavin Ingram, General Counsel Asia Pacific/VP Strategic Planning of Global Blue

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 27 Nov 2018 .

(71) ADVANCED COMPRESSION SOLUTIONS PTY LTD (21) 2018904526 (22) 28.11.2018 (54) AN IMPROVED COMPRESSOR VALVE	(71) AUSTRALIAN SEMICONDUCTOR TECHNOLOGY COMPANY PTY LTD (21) 2018904596 (22) 04.12.2018 (54) Method and Apparatus for High Performance Simulation Of Virtualized Hardware Architectures	(71) Chiang, K. (21) 2018904509 (22) 27.11.2018 (54) Multipurpose selfcare clamp style hand massage roller device
(71) Aero-Tech Pty Ltd (21) 2018904590 (22) 03.12.2018 (54) Downforce sweeper	(71) AUSTRALIAN SEMICONDUCTOR TECHNOLOGY COMPANY PTY LTD (21) 2018904597 (22) 04.12.2018 (54) Multi-Paradigm Virtualization of Hardware Architectures for Virtual Prototyping	(71) CiiLOCK Engineering Pty Ltd (21) 2018904566 (22) 30.11.2018 (54) A roller assembly and a roller carriage for the same
(71) AFTER BUILDER PTY LTD (21) 2018904535 (22) 29.11.2018 (54) AFTER BUILDER is a website/app which provides an integrated management solution for under contract/construction building project's (new home, dwelling or units) owners, owner builders and investors to be able to plan, execute (getting quote) and prepare for quick and easy settlement.	(71) B.BOX FOR KIDS DEVELOPMENTS PTY LTD (21) 2018904571 (22) 30.11.2018 (54) Drinking Cup	(71) Cog Systems Pty Ltd (21) 2018904523 (22) 28.11.2018 (54) METHOD FOR REDUCED SPECTRE V2 FLUSHING IN SEPARATED PRIVILEGED ADDRESS SPACES
Allnutt, T. see Red Tractor Pty Ltd (21) 2018904496	Barker, Z. see Muller, C. (21) 2018904534	(71) Cog Systems Pty Ltd (21) 2018904525 (22) 28.11.2018 (54) KERNEL PAGE-TABLE ISOLATION
(71) Ashmere Holdings Pty Ltd (21) 2018904573 (22) 30.11.2018 (54) ACOUSTIC ABSORPTION	Barnsdale, K. see Muller, C. (21) 2018904534	(71) Cog Systems Pty Ltd (21) 2018904527 (22) 28.11.2018 (54) LOW LATENCY INTER-PROCESSOR SIGNALLING
(71) Assembly Electronics Pty Ltd (21) 2018904563 (22) 30.11.2018 (54) Apparatus and Method of Delaying Inrush Current	(71) Brooks, N. (21) 2018904497 (22) 26.11.2018 (54) DRILL BIT FOR BORING EARTH AND OTHER HARD MATERIALS	(71) Coma, A. (21) 2018904593 (22) 03.12.2018 (54) Nappy Alert
(71) ATOMIC 6 PTY LTD (21) 2018904502 (22) 27.11.2018 (54) COMPOSITE CONSTRUCTION PANEL AND USES THEREOF	(71) Bucceri, A. (21) 2018904517 (22) 28.11.2018 (54) An Apparatus that connects to a high speed ice crushing machine to further reduce the particle size of the snow produced.	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2018904568 (22) 30.11.2018 (54) Rust resistance gene
(71) Aushealth Corporate Pty Ltd (21) 2018904567 (22) 30.11.2018 (54) TROCAR DEVICE	(71) Burleigh Wagon Pty Ltd (21) 2018904559 (22) 30.11.2018 (54) Multipurpose Wagon	(71) Cornford, D. (21) 2018904580 (22) 03.12.2018 (54) Connector for a Temporary Fence and Associated Method of Use
		(71) CTEQ Pty Ltd (21) 2018904515 (22) 28.11.2018 (54) A cricket batting trainer

Provisional Applications Filed - Name Index cont'd

(71) Curtin University of Technology (21) 2018904536 (22) 29.11.2018 (54) CARBON DIOXIDE REFRIGERANT	(71) Firebrick Pharma Pty Ltd (21) 2018904495 (22) 26.11.2018 (54) Novel iodophor composition and uses thereof	(71) iSwim2 (21) 2018904574 (22) 30.11.2018 (54) Pool platform device
(71) Depco-TRH Pty Ltd (21) 2018904537 (22) 29.11.2018 (54) Enhanced tactile and auditory properties from hard materials	(71) Fisher, M. (21) 2018904545 (22) 29.11.2018 (54) SYSTEM AND METHOD FOR CONDUCTING A PERFORMANCE TEST OF AN ATHLETE	(71) Johnston, S. (21) 2018904577 (22) 02.12.2018 (54) Cricket Card Blast
(71) Desai, D. (21) 2018904558 (22) 30.11.2018 (54) Educational word game	(71) Fortescue Metals Group Ltd (21) 2018904512 (22) 27.11.2018 (54) Apparatus and method for processing iron ore	(71) JORGENSON-WATTS IP PTY LTD (21) 2018904586 (22) 03.12.2018 (54) Adjustable Wing 03.12.18A
(71) DIELOS, D. (21) 2018904528 (22) 28.11.2018 (54) AN IMPROVED BACK SUPPORT ARRANGEMENT ADAPTED TO REALIGN MUSCLES AND JOINTS IN THE BACK DURING BODY RE-POSTURING SO AS TO PROVIDE SUPPORT FOR ALIGNMENT OF THE SPINE'S NATURAL CURVATURE	(71) Forticode Limited (21) 2018904493 (22) 26.11.2018 (54) BIDIRECTIONAL AUTHENTICATION FOR A TRANSACTIONAL AUTHENTICATION SYSTEM	(71) Krulc, I. (21) 2018904554 (22) 29.11.2018 (54) PEELER
(71) DOT DESIGN GROUP PTY LTD (21) 2018904585 (22) 03.12.2018 (54) Interchangeable Branding Display Device for Beverage and Draught Beer Application	(71) Foster, P.; Varzaly, L.; Varzaly, J. (21) 2018904579 (22) 03.12.2018 (54) Cellular Ionic Activity Visualisation	(71) La Trobe University (21) 2018904550 (22) 29.11.2018 (54) Method of identifying a structure
(71) Dowie, D. (21) 2018904578 (22) 02.12.2018 (54) Location based interactive mobile phone game	(71) Grey, J. (21) 2018904546 (22) 29.11.2018 (54) A SUPPORT FRAME AND METHOD OF USE	(71) La Trobe University (21) 2018904551 (22) 29.11.2018 (54) Automated method of identifying a structure
(71) Envirocoat (WA) Pty Ltd (21) 2018904490 (22) 26.11.2018 (54) Guard for vehicle continuous track	(71) HaemaLogiX Pty Ltd (21) 2018904581 (22) 03.12.2018 (54) Method of treatment	(71) La Trobe University (21) 2018904552 (22) 29.11.2018 (54) Method of identifying a structure
(71) Ethical Developments Pty Ltd (21) 2018904576 (22) 02.12.2018 (54) Improved Fuel Cells System	(71) Heung Rim Sydney Pty Ltd (21) 2018904514 (22) 28.11.2018 (54) Tarpaulin Deployment Assembly	(71) La Trobe University (21) 2018904553 (22) 29.11.2018 (54) Microscopy method and system
(71) Ezetrolley Pty Ltd (21) 2018904539 (22) 29.11.2018 (54) Steering Apparatus for Object Transporting Vehicles	(71) Hoskins, P. (21) 2018904549 (22) 29.11.2018 (54) Bicycle Linkage	Leggott, T. see Leggott, M. (21) 2018904598
Field, G. see Field, M. (21) 2018904592	(71) Hunwick, R. (21) 2018904540 (22) 29.11.2018 (54) PRODUCTION OF LITHIUM CHEMICALS AND METALLIC LITHIUM	(71) Leggott, M.; Leggott, T. (21) 2018904598 (22) 04.12.2018 (54) Pizza Box Insert
(71) Field, M.; Field, G.; Spencer, A.; Rupchev, V.; Sutton, M. (21) 2018904592 (22) 03.12.2018 (54) Bilateral and Universal Social Media Directory and Commercial Trading Application	(71) Ilarda, G. see Schepis, N. (21) 2018904547	(71) Lewis, J. (21) 2018904595 (22) 04.12.2018 (54) A DEVICE FOR DIVIDING AN ANGLE INTO A PLURALITY OF SMALLER EQUAL ANGLES
(71) InterK Peptide Therapeutics Limited (21) 2018904570 (22) 30.11.2018 (54) Polypeptides and Methods for Improving Skin Conditions	(71) Ion Opticks Research Pty Ltd (21) 2018904542 (22) 29.11.2018 (54) Capillary Fitting	(71) Lipa, P. (21) 2018904588 (22) 03.12.2018 (54) Selfshielding Transmission System
(71) Lomax, A. (21) 2018904520 (22) 28.11.2018 (54) METHOD AND SYSTEM FOR ASSISTING A SUBJECT IN REGULATING THEIR EMOTIONS		

Provisional Applications Filed - Name Index cont'd

(71) Manigot, M.
(21) 2018904494 (22) 26.11.2018
(54) ENHANCED PROCESS FOR AUDIT AND INSPECTION OF ASSETS

(71) McGibbon, S.
(21) 2018904543 (22) 29.11.2018
(54) An image processing system for obstacle collision detection

(71) Muller, C.; Barker, Z.; Samandari, F.; Barnsdale, K.
(21) 2018904534 (22) 28.11.2018
(54) DEVICE AND METHOD FOR MONITORING RADIO SIGNALS HAVING A RANGE OF FREQUENCIES

(71) Multotec Pty Ltd
(21) 2018904505 (22) 27.11.2018
(54) Screen

(71) nalesnyik, I.
(21) 2018904531 (22) 28.11.2018
(54) Putt Champ Pro is a putting game

(71) NewSouth Innovations Pty Limited
(21) 2018904530 (22) 28.11.2018
(54) Method

(71) Northey, T.
(21) 2018904557 (22) 29.11.2018
(54) Universal bike rack system

O'Donnell, J. see O'Donnell, J.L.
(21) 2018904492

(71) O'Donnell, J.L.; O'Donnell, J.
(21) 2018904492 (22) 26.11.2018
(54) Shopping Trolley

O'Donnell, J. see O'Donnell, J.
(21) 2018904510

(71) O'Donnell, J.; O'Donnell, J.
(21) 2018904510 (22) 27.11.2018
(54) Shopping Trolley

(71) Pfeil, O.
(21) 2018904556 (22) 29.11.2018
(54) The Safe-T Sign is a t-top bollard sign that incorporates a unique self-locking t-top system. The Safe-T Sign slides over and is affixed to a standard t-top bollard without any tools or additional fixings. The Safe-T Sign is light weight, water resistant, wind resistant and UV resistant. The Safe-T Sign is predominately used as a safety warning aid within any situation where a t-top bollard is available. The Safe-T Sign can incor-

porate any safety and or visual design on the front face.

(71) Portfolio Sales and Marketing Pty Ltd
(21) 2018904532 (22) 28.11.2018
(54) Sprinkler Maintenance Tool

(71) PRESTON, J.
(21) 2018904498 (22) 26.11.2018
(54) FACADE PANEL SYSTEM AND METHOD OF ERECTING A MULTI-STOREY STRUCTURE AND FACADE

(71) PRESTON, J.
(21) 2018904499 (22) 26.11.2018
(54) METHOD OF ERECTING A MULTI-STOREY STRUCTURE AND FACADE

(71) Reay, M.
(21) 2018904561 (22) 30.11.2018
(54) System and method for maintaining location aware nodes across wi-fi networks

(71) Reay, M.
(21) 2018904562 (22) 30.11.2018
(54) System and method for maintainin location aware nodes across mobile wifi networks

(71) Red Tractor Pty Ltd; Allnut, T.
(21) 2018904496 (22) 26.11.2018
(54) A Structural Fibre for Cementitious Material and a Cementitious Material Including Same

(71) Regeneus Ltd
(21) 2018904529 (22) 28.11.2018
(54) Cell selection method

(71) Retail Logic Pty Ltd
(21) 2018904584 (22) 30.11.2018
(54) A recycling station

(71) Rheinberger, R.
(21) 2018904594 (22) 04.12.2018
(54) Pop Up Cruises, Pop Up Accommodation, Pop Up Airfares, Pop up Holidays & Pop Up Travel.

(71) Rise Mining Developments Pty Ltd
(21) 2018904522 (22) 28.11.2018
(54) Polymer Locking Plug

(71) Robertshaw, D.
(21) 2018904503 (22) 27.11.2018
(54) MUZZLE IMPROVEMENTS

(71) Rooptai, D.
(21) 2018904501 (22) 27.11.2018
(54) Hand sanitization door access system
A product that combines hand sanitization and opening/ closing of doors in a variety of healthcare settings to reduce the risk of healthcare associated infections currently prevalent due to poor hand hygiene.

Rupchev, V. see Field, M.
(21) 2018904592

Samandari, F. see Muller, C.
(21) 2018904534

(71) Scatterbrain Pty Ltd
(21) 2018904504 (22) 27.11.2018
(54) A modular first-aid kit dispensing system

(71) Schepis, N.; Ilarda, G.
(21) 2018904547 (22) 29.11.2018
(54) AN INFORMATION MANAGEMENT SYSTEM

(71) SCHINCKEL, S.
(21) 2018904538 (22) 29.11.2018
(54) A HAY RAKE ARRANGEMENT ADAPTED TO RAKE HAY INTO A PRE-CURSOR CONFIGURATION OF LINES OF HAY PRIOR TO RAKING SAID LINES OF HAY INTO A WINDROW AND A METHOD OF RAKING HAY INTO A WINDROW

(71) ScootBoot Pty Ltd
(21) 2018904555 (22) 29.11.2018
(54) Strap for Equine Hoof Boot and Boot

(71) SKRIN PTY LTD
(21) 2018904582 (22) 03.12.2018
(54) Improvements to Pressure Fluid Operated Twistlocks

(71) SMARTER DATA ALLIANCE PTY LTD
(21) 2018904572 (22) 30.11.2018
(54) Modular Smart Picking Bag

(71) SOLAR ENERGY INNOVATIONS PTY LTD
(21) 2018904518 (22) 28.11.2018
(54) A THERMOSTAT

Spencer, A. see Field, M.
(21) 2018904592

(71) Stanley, R.
(21) 2018904589 (22) 03.12.2018
(54) CADENCE DEVICE

Provisional Applications Filed - Name Index cont'd

<hr/> <p>(71) Starpharma Pty Ltd (21) 2018904548 (22) 29.11.2018 (54) Dendrimer for therapy and imaging</p> <hr/> <p>(71) Strang, S. (21) 2018904575 (22) 02.12.2018 (54) Improved Electronic Bolt Seal Assembly For Shipping Containers</p> <hr/> <p>Sutton, M. see Field, M. (21) 2018904592</p> <hr/> <p>(71) The Australian National University (21) 2018904560 (22) 30.11.2018 (54) MIMO wireless network</p> <hr/> <p>(71) The Council of the Queensland Institute of Medical Research (21) 2018904524 (22) 28.11.2018 (54) Inhibiting inflammation</p> <hr/> <p>(71) The Sydney Children's Hospitals Network (Randwick and Westmead) (21) 2018904516 (22) 28.11.2018 (54) Guided growth device</p> <hr/> <p>(71) The Trustee for Dunn Discretionary Trust (21) 2018904506 (22) 27.11.2018 (54) IMPROVED LITHIUM RECOVERY FROM THE PROCESSING OF BRINES CONTAINING ALKALI METAL CHLORIDES AND SULFATES</p> <hr/> <p>(71) The University of Queensland (21) 2018904591 (22) 03.12.2018 (54) GYROSCOPICALLY STABILISED LEGGED ROBOT</p> <hr/> <p>(71) The University of Sydney (21) 2018904519 (22) 28.11.2018 (54) MULTI-STIMULI RESPONSIVE METAL-ORGANIC FRAMEWORKS</p> <hr/> <p>(71) THE UNIVERSITY OF WESTERN AUSTRALIA (21) 2018904511 (22) 27.11.2018 (54) WATER DETECTION DEVICE</p> <hr/> <p>(71) THIRSTY STUDIOS PTY LTD (21) 2018904507 (22) 27.11.2018 (54) XBERT IS A FRAMEWORK FOR DETECTING, PREDICTING PATTERNS IN BUSINESS DATA AND COMMUNICATING WITH USERS</p> <hr/>	<p>(71) Thomas, J. (21) 2018904508 (22) 27.11.2018 (54) Collapsible Shed</p> <hr/> <p>(71) TIC RA New Co Pty Ltd (21) 2018904564 (22) 30.11.2018 (54) Conveying Apparatus</p> <hr/> <p>(71) TL Investment nominees Pty Ltd (21) 2018904513 (22) 27.11.2018 (54) Device, System and Method for Control of Blackwater Release from Vessels</p> <hr/> <p>(71) TL Investment Nominees Pty Ltd (21) 2018904587 (22) 03.12.2018 (54) Apparatus and Method for locking an Outlet of a Vessel</p> <hr/> <p>(71) Vangeli, G. (21) 2018904541 (22) 29.11.2018 (54) A bag for dispensing a confectionary</p> <hr/> <p>Varzaly, L. see Foster, P. (21) 2018904579</p> <hr/> <p>Varzaly, J. see Foster, P. (21) 2018904579</p> <hr/> <p>(71) Visy R & D Pty Ltd (21) 2018904583 (22) 03.12.2018 (54) Container</p> <hr/> <p>(71) WAKE, C. (21) 2018904565 (22) 30.11.2018 (54) Container assembly</p> <hr/> <p>(71) Warwick Gates Pty Ltd (21) 2018904569 (22) 30.11.2018 (54) Fence tensioning</p> <hr/> <p>(71) Weeks Holdings Pty Ltd (21) 2018904533 (22) 28.11.2018 (54) Joist Hanger</p> <hr/> <p>(71) Weir Minerals Australia Ltd (21) 2018904544 (22) 29.11.2018 (54) Pump liner</p> <hr/> <p>(71) WHS Trading Australia Pty Ltd (21) 2018904521 (22) 28.11.2018 (54) IMPROVED PLANTER BAG</p> <hr/> <p>(71) ZORA TECH PTY LTD (21) 2018904500 (22) 26.11.2018 (54) SOFTWARE FOR CAPTURE AND MANAGEMENT OF WEBSITE AND LINK VISITOR INFORMATION</p>
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Numerical Index

2018904490	Envirocoat (WA) Pty Ltd	2018904557	Northey, T.
2018904492	O'Donnell, J.L.; O'Donnell, J.	2018904558	Desai, D.
2018904493	Forticode Limited	2018904559	Burleigh Wagon Pty Ltd
2018904494	Manigot, M.	2018904560	The Australian National University
2018904495	Firebrick Pharma Pty Ltd	2018904561	Reay, M.
2018904496	Red Tractor Pty Ltd; Allnutt, T.	2018904562	Reay, M.
2018904497	Brooks, N.	2018904563	Assembly Electronics Pty Ltd
2018904498	PRESTON, J.	2018904564	TIC RA New Co Pty Ltd
2018904499	PRESTON, J.	2018904565	WAKE, C.
2018904500	ZORA TECH PTY LTD	2018904566	CiiLOCK Engineering Pty Ltd
2018904501	Rooprai, D.	2018904567	Aushealth Corporate Pty Ltd
2018904502	ATOMIC 6 PTY LTD	2018904568	Commonwealth Scientific and Industrial Research Organisation
2018904503	Robertshaw, D.	2018904569	Warwick Gates Pty Ltd
2018904504	Scatterbrain Pty Ltd	2018904570	InterK Peptide Therapeutics Limited
2018904505	Multotec Pty Ltd	2018904571	B.BOX FOR KIDS DEVELOPMENTS PTY LTD
2018904506	The Trustee for Dunn Discretionary Trust	2018904572	SMARTER DATA ALLIANCE PTY LTD
2018904507	THIRSTY STUDIOS PTY LTD	2018904573	Ashmere Holdings Pty Ltd
2018904508	Thomas, J.	2018904574	iSwim2
2018904509	Chiang, K.	2018904575	Strang, S.
2018904510	O'Donnell, J.; O'Donnell, J.	2018904576	Ethical Developments Pty Ltd
2018904511	THE UNIVERSITY OF WESTERN AUSTRALIA	2018904577	Johnston, S.
2018904512	Fortescue Metals Group Ltd	2018904578	Dowie, D.
2018904513	TL Investment nominees Pty Ltd	2018904579	Foster, P.; Varzaly, L.; Varzaly, J.
2018904514	Heung Rim Sydney Pty Ltd	2018904580	Cornford, D.
2018904515	CTEQ Pty Ltd	2018904581	HaemaLogiX Pty Ltd
2018904516	The Sydney Children's Hospitals Network (Randwick and Westmead)	2018904582	SKRIN PTY LTD
2018904517	Bucceri, A.	2018904583	Visy R & D Pty Ltd
2018904518	SOLAR ENERGY INNOVATIONS PTY LTD	2018904584	Retail Logic Pty Ltd
2018904519	The University of Sydney	2018904585	DOT DESIGN GROUP PTY LTD
2018904520	Lomax, A.	2018904586	JORGENSEN-WATTS IP PTY LTD
2018904521	WHS Trading Australia Pty Ltd	2018904587	TL Investment Nominees Pty Ltd
2018904522	Rise Mining Developments Pty Ltd	2018904588	Lipa, P.
2018904523	Cog Systems Pty Ltd	2018904589	Stanley, R.
2018904524	The Council of the Queensland Institute of Medical Research	2018904590	Aero-Tech Pty Ltd
2018904525	Cog Systems Pty Ltd	2018904591	The University of Queensland
2018904526	ADVANCED COMPRESSION SOLUTIONS PTY LTD	2018904592	Field, M.; Field, G.; Spencer, A.; Rupchev, V.; Sutton, M.
2018904527	Cog Systems Pty Ltd	2018904593	Coma, A.
2018904528	DIELOS, D.	2018904594	Rheinberger, R.
2018904529	Regeneus Ltd	2018904595	Lewis, J.
2018904530	NewSouth Innovations Pty Limited	2018904596	AUSTRALIAN SEMICONDUCTOR TECHNOLOGY COMPANY PTY LTD
2018904531	nalesnyik, I.	2018904597	AUSTRALIAN SEMICONDUCTOR TECHNOLOGY COMPANY PTY LTD
2018904532	Portfolio Sales and Marketing Pty Ltd	2018904598	Leggott, M.; Leggott, T.
2018904533	Weeks Holdings Pty Ltd		
2018904534	Muller, C.; Barker, Z.; Samandari, F.; Barnsdale, K.		
2018904535	AFTER BUILDER PTY LTD		
2018904536	Curtin University of Technology		
2018904537	Depco-TRH Pty Ltd		
2018904538	SCHINCKEL, S.		
2018904539	Ezetrolley Pty Ltd		
2018904540	Hunwick, R.		
2018904541	Vangeli, G.		
2018904542	Ion Opticks Research Pty Ltd		
2018904543	McGibbon, S.		
2018904544	Weir Minerals Australia Ltd		
2018904545	Fisher, M.		
2018904546	Grey, J.		
2018904547	Schepis, N.; Ilarda, G.		
2018904548	Starpharma Pty Ltd		
2018904549	Hoskins, P.		
2018904550	La Trobe University		
2018904551	La Trobe University		
2018904552	La Trobe University		
2018904553	La Trobe University		
2018904554	Krulc, I.		
2018904555	ScootBoot Pty Ltd		
2018904556	Pfeil, O.		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Nov 2018 .

. (*) Title not in Roman characters

. (**) Title not given

(71) AbbVie Inc.; Apogenix AG (21) 2018271369 (22) 30.11.2018 (54) Single-chain TRAIL-receptor agonist proteins (62) 2015249649	Airbus Operations GmbH see Airbus Operations Limited (21) 2018271309	(54) Devices and methods for processing touch inputs (62) 2016276029
(71) Accenture Global Solutions Limited (21) 2018271267 (22) 27.11.2018 (54) ROBOTIC REGRESSION TESTING FOR SMART DEVICES (31) 62/591,031 (32) 27.11.17 (33) US	(71) Airbus Operations Limited; Airbus Operations GmbH (21) 2018271309 (22) 28.11.2018 (54) TYRE MONITORING DEVICE AND METHOD (31) 1721142.6 (32) 18.12.17 (33) GB	(71) Apple Inc. (21) 2018271287 (22) 28.11.2018 (54) Displaying options, assigning notification, ignoring messages, and simultaneous user interface displays in a messaging application (62) 2015268855
(71) Accenture Global Solutions Limited (21) 2018271290 (22) 28.11.2018 (54) ADAPTIVE RESOURCE ALLOCATION (62) 2017208245	(71) ALSTOM Transport Technologies (21) 2018271314 (22) 29.11.2018 (54) Method and system for managing automatically the energy stored by an electric vehicle (31) 1761752 (32) 07.12.17 (33) FR	(71) Apple Inc. (21) 2018271366 (22) 30.11.2018 (54) Continuity (62) 2016266010
(71) Accenture Global Solutions Limited (21) 2018271385 (22) 30.11.2018 (54) MACHINE LEARNING CLASSIFICATION AND PREDICTION SYSTEM (31) 16/024,253 (32) 29.06.18 (33) US 62/597,340 11.12.17 US	(71) ALSTOM Transport Technologies (21) 2018271317 (22) 29.11.2018 (54) Railway vehicle comprising an emergency braking device (31) 1761639 (32) 05.12.17 (33) FR	(71) Aristocrat Technologies Australia Pty Limited (21) 2018271321 (22) 29.11.2018 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2016250436
(71) Active Implants LLC (21) 2018271322 (22) 29.11.2018 (54) Partial unicompartmental system for partial knee replacement (62) 2016209267	(71) Amgen Inc. (21) 2018271338 (22) 29.11.2018 (54) Protein formulations (62) 2014249458	(71) Aristocrat Technologies Australia Pty Limited (21) 2018271330 (22) 29.11.2018 (54) Multiple Pay Combination Gaming Apparatus (62) 2016269558
(71) Adobe Inc. (21) 2018271417 (22) 02.12.2018 (54) A SYSTEM FOR DEEP ABSTRACTIVE SUMMARIZATION OF LONG AND STRUCTURED DOCUMENTS (31) 15/915,775 (32) 08.03.18 (33) US	(71) Ancora Heart, Inc. (21) 2018271261 (22) 27.11.2018 (54) Devices and methods of visualizing and determining depth of penetration in cardiac tissue (62) 2016226023	(71) Arthrocare Corporation (21) 2018271363 (22) 30.11.2018 (54) Electrosurgical systems and methods (62) 2013381060
(71) Adobe Inc. (21) 2018271418 (22) 02.12.2018 (54) CREATING SELECTIVE VIRTUAL LONG-EXPOSURE IMAGES (31) 15/895,695 (32) 13.02.18 (33) US	(71) Angel Playing Cards Co., Ltd. (21) 2018271339 (22) 29.11.2018 (54) Management system (31) 2017-233190 (32) 05.12.17 (33) JP	(71) Aurigene Discovery Technologies Limited (21) 2018271231 (22) 26.11.2018 (54) 1,2,4-oxadiazole derivatives as immunomodulators (62) 2014316682
(71) Agensys, Inc. (21) 2018271337 (22) 29.11.2018 (54) ANTIBODY DRUG CONJUGATES (ADC) THAT BIND TO 161P2F10B PROTEINS (62) 2017200600	Apogenix AG see AbbVie Inc. (21) 2018271369	(71) Aurigene Discovery Technologies Limited (21) 2018271235 (22) 26.11.2018 (54) Cyclic peptidomimetic compounds as immunomodulators (62) 2014316686
(71) Apple Inc. (21) 2018260958 (22) 09.11.2018 (54) Intelligent automated assistant in a media environment (62) 2017204359	(71) Apple Inc. (21) 2018271226 (22) 26.11.2018	(71) Aurora Flight Sciences Corporation (21) 2018271241 (22) 26.11.2018

Complete Applications Filed - Name Index cont'd

<p>(54) Aircraft fuselage and structural cable for aircraft fuselage (31) 15/850,274 (32) 21.12.17 (33) US</p>	<p>map for residual coefficients of a transform unit (62) 2017232033</p>	<p>(71) Crowd Productions Pty Ltd (21) 2018271258 (22) 27.11.2018 (54) A mobile unit for a kitchen (62) 2018229540</p>
<p>(71) Babcock Power Services, Inc. (21) 2018271244 (22) 26.11.2018 (54) Dual fuel direct ignition burners (31) 15/825,590 (32) 29.11.17 (33) US</p>	<p>(71) Canon Kabushiki Kaisha (21) 2018271350 (22) 29.11.2018 (54) Method, apparatus and system for encoding and decoding the significance map for residual coefficients of a transform unit (62) 2017232033</p>	<p>(71) Dai Nippon Printing Co., Ltd. (21) 2018271238 (22) 26.11.2018 (54) Intermediate transfer medium (62) 2017202523</p>
<p>(71) Bellator Pty Ltd (21) 2018271260 (22) 27.11.2018 (54) Eyewear (31) 2018903978 (32) 19.10.18 (33) AU 2018903988 22.10.18 AU 2018904102 29.10.18 AU 2018904214 05.11.18 AU</p>	<p>(71) Carpenter, W. (21) 2018271312 (22) 28.11.2018 (54) Methods of mounting container support bodies, systems, kits, assemblies, and apparatuses including same, and uses of same (62) 2013308027</p>	<p>(71) Darkon Pty Ltd (21) 2018271248 (22) 26.11.2018 (54) AN ELONGATE LENS FOR A LIGHTING FIXTURE (31) 2017904758 (32) 24.11.17 (33) AU</p>
<p>(71) BGC Partners, Inc (21) 2018271264 (22) 27.11.2018 (54) SYSTEM FOR REPLENISHING QUANTITIES OF TRADING ORDERS (62) 2016256702</p>	<p>(71) Cerocchi, D. (21) 2018271285 (22) 27.11.2018 (54) TRANSPORT TRAILER (31) 2018900983 (32) 24.03.18 (33) AU</p>	<p>(71) Davies, L.C. (21) 2018271234 (22) 26.11.2018 (54) Facial Mask Apparatus And Method Of Making (62) 2014235079</p>
<p>(71) BGC Partners, Inc.; Lutnick, H.; Sweeting, M. (21) 2018271344 (22) 29.11.2018 (54) Systems and methods for vending and acquiring order priority (62) 2016202750</p>	<p>(71) CFPH, LLC (21) 2018271262 (22) 27.11.2018 (54) SYSTEM FOR WIRELESS GAMING WITH LOCATION DETERMINATION (62) 2016253623</p>	<p>(71) Deciphera Pharmaceuticals, LLC (21) 2018271293 (22) 28.11.2018 (54) 2-AMINOPYRIMIDIN-6-ONES AND ANALOGS EXHIBITING ANTI-CANCER AND ANTI-PROLIFERATIVE ACTIVITIES (62) 2014233411</p>
<p>(71) Bio-Rad Innovations; DiaMed GmbH (21) 2018271357 (22) 29.11.2018 (54) Medical analysis method (62) 2017201792</p>	<p>(71) Chen-McCaig, Z. (21) 2018271315 (22) 29.11.2018 (54) DOCUMENT PROCESSING AND CLASSIFICATION SYSTEMS (31) 2018901661 (32) 14.05.18 (33) AU</p>	<p>(71) Deere & Company (21) 2018271342 (22) 29.11.2018 (54) High resolution spray section height control and dynamic nozzle height adjustment (31) 62/570,734 (32) 11.10.17 (33) US 16/034,785 13.07.18 US</p>
<p>(71) BioTrace Medical, Inc. (21) 2018271347 (22) 29.11.2018 (54) DEVICE AND METHOD FOR POSITIONING AN ELECTRODE IN A BODY CAVITY (62) 2015255814</p>	<p>(71) Clinical Genomics Pty Ltd (21) 2018271367 (22) 30.11.2018 (54) Test device and method (62) 2015311609</p>	<p>(71) Deere & Company (21) 2018271346 (22) 29.11.2018 (54) High resolution spray section height control and dynamic nozzle height adjustment (31) 16/034,855 (32) 13.07.18 (33) US 62/570,734 11.10.17 US</p>
<p>(71) Canon Kabushiki Kaisha (21) 2018271333 (22) 29.11.2018 (54) Developer supply container and developer supplying system (62) 2017201268</p>	<p>(71) Concert Pharmaceuticals, Inc. (21) 2018271227 (22) 26.11.2018 (54) Deuterated derivatives of ruxolitinib (62) 2016238877</p>	<p>(71) DEON Optical Design Corporation (21) 2018271245 (22) 26.11.2018 (54) Sighting scope (31) 2018-021089 (32) 08.02.18 (33) JP</p>
<p>(71) Canon Kabushiki Kaisha (21) 2018271348 (22) 29.11.2018 (54) Method, apparatus and system for encoding and decoding the significance map for residual coefficients of a transform unit (62) 2017232033</p>	<p>(71) Covidien LP (21) 2018271364 (22) 30.11.2018 (54) Medical device adapter with wrist mechanism (62) 2014227482</p>	<p>DiaMed GmbH see Bio-Rad Innovations (21) 2018271357</p>
<p>(71) Canon Kabushiki Kaisha (21) 2018271349 (22) 29.11.2018 (54) Method, apparatus and system for encoding and decoding the significance</p>	<p>(71) Creative Eleven Holdings Pty Ltd (21) 2018267663 (22) 23.11.2018 (54) Infant swaddling system and components thereof (31) 2018903493 (32) 17.09.18 (33) AU 2017904733 23.11.17 AU</p>	<p>(71) Dow AgroSciences LLC (21) 2018271351 (22) 29.11.2018 (54) Safened herbicidal compositions containing halauxifen or 4-amino-3-chloro-5-fluoro-6-(4-chloro-2-fluoro-3-methoxyphenyl) pyridine-2-carboxylic acid and methods of use thereof in turf (62) 2016220414</p>

Complete Applications Filed - Name Index cont'd

(71) E. I. DU PONT DE NEMOURS AND COMPANY
 (21) 2018271279 (22) 27.11.2018
 (54) NUCLEATED CRYSTALLIZATION OF POLY(TRIMETHYLENE-2,5-FURANDICARBOXYLATE) (PTF) AND ARTICLES MADE THEREFROM
 (62) 2014364554

(71) Eisai R&D Management Co., Ltd.
 (21) 2018271284 (22) 27.11.2018
 (54) Pyrimidine FGFR4 inhibitors
 (62) 2014337291

(71) Emory University
 (21) 2018271313 (22) 29.11.2018
 (54) Antagonism of the VIP signaling pathway
 (62) 2017202234

(71) Ethicon, Inc.
 (21) 2018271298 (22) 28.11.2018
 (54) Self-contained biological indicator
 (31) 15/828,563 (32) 01.12.17 (33) US

(71) Ethicon, Inc.
 (21) 2018271300 (22) 28.11.2018
 (54) Sterilization package
 (31) 15/830,331 (32) 04.12.17 (33) US

(71) Ethicon, Inc.
 (21) 2018271303 (22) 28.11.2018
 (54) Sterilization tray
 (31) 15/828,654 (32) 01.12.17 (33) US

(71) ExxonMobil Research and Engineering Company
 (21) 2018271327 (22) 29.11.2018
 (54) Sensor network design and inverse modeling for reactor condition monitoring
 (62) 2013332306

(71) Farley, D.K.
 (21) 2018271304 (22) 28.11.2018
 (54) Shower water filter assembly
 (31) 15/825,525 (32) 29.11.17 (33) US

(71) Fiducia Media Holdings Pty Ltd
 (21) 2018271256 (22) 26.11.2018
 (54) Improvements Relating to Travel Bookings
 (31) 2017904768 (32) 24.11.17 (33) AU
 2017904770 25.11.17 AU

(71) Fives Intralogistics S.p.A. Con Socio Unico
 (21) 2018271302 (22) 28.11.2018
 (54) Sorting machine
 (31) 102017000146289 (32) 19.12.17 (33) IT

(71) Fives Intralogistics S.p.A. Con Socio Unico
 (21) 2018271375 (22) 30.11.2018
 (54) Method for controlling sorting machines
 (31) 102017000146244 (32) 19.12.17 (33) IT

(71) FRED HUTCHINSON CANCER RESEARCH CENTER
 (21) 2018271280 (22) 27.11.2018
 (54) Expansion and engraftment of stem cells using Notch 1 and/or Notch 2 agonists
 (62) 2015271689

(71) Fresenius Medical Care Holdings, Inc.
 (21) 2018271370 (22) 30.11.2018
 (54) Load suspension and weighing system for a dialysis machine reservoir
 (62) 2013368506

(71) G2GBIO, INC.
 (21) 2018271379 (22) 30.11.2018
 (54) Sustained release injection formulation comprising donepezil and method for preparing the same
 (31) 10-2017-0163106 (32) 30.11.17 (33) KR

(71) G2GBIO, INC.
 (21) 2018271381 (22) 30.11.2018
 (54) Method for preparing biodegradable microsphere with improved safety and storage stability
 (31) 10-2017-0163105 (32) 30.11.17 (33) KR

(71) Gates Corporation
 (21) 2018271340 (22) 29.11.2018
 (54) BELT DRIVE SYSTEM
 (62) 2017291326

(71) Georgia-Pacific Corrugated LLC
 (21) 2018271423 (22) 03.12.2018
 (54) CONTAINER WITH WINDOW DISPLAY PANEL
 (31) 62/593,481 (32) 01.12.17 (33) US

(71) GIBS Building Tech Pty Ltd
 (21) 2018271283 (22) 27.11.2018
 (54) A PREFABRICATED BUILDING SYSTEM, A PREFABRICATED WALL PANEL AND A PREFABRICATED FLOOR PANEL THEREOF

(71) Gilead Sciences, Inc.
 (21) 2018271289 (22) 28.11.2018
 (54) Methods of treating liver disease
 (62) 2015320792

(71) GLOBAL GRAIN HANDLING SOLUTIONS PTY. LTD.
 (21) 2018271410 (22) 30.11.2018

(54) STORAGE APPARATUS
 (31) 2017904925 (32) 06.12.17 (33) AU

(71) GPCP IP Holdings LLC
 (21) 2018271325 (22) 29.11.2018
 (54) SOFT, ABSORBENT SHEETS HAVING HIGH ABSORBENCY AND HIGH CALIPER, AND METHODS OF MAKING SOFT, ABSORBENT SHEETS
 (62) 2014348421

Hartwell, D. see Sheedy, M.B.A.
 (21) 2018271259

(71) Huawei Technologies Co., Ltd.
 (21) 2018271361 (22) 29.11.2018
 (54) Information display method, terminal and server
 (62) 2014406366

(71) HysensBio
 (21) 2018271360 (22) 29.11.2018
 (54) NOVEL PEPTIDE
 (62) 2017359581

(71) ICON Engineering Pty Ltd
 (21) 2018271282 (22) 27.11.2018
 (54) RISER TENSION PROTECTOR AND METHOD OF USE THEREOF
 (62) 2016225949

(71) IFP Energies nouvelles
 (21) 2018271311 (22) 28.11.2018
 (54) Gas-distributing tray for the bottom of a gas/liquid contact column comprising a zone for collecting liquid partially overlapped by gas chimneys
 (31) 17/61.469 (32) 30.11.17 (33) FR

(71) IGT
 (21) 2018271270 (22) 27.11.2018
 (54) Integrated Game-Specific Progressive Controller Shared in a Gaming System
 (31) 15/854,945 (32) 27.12.17 (33) US

(71) IGT
 (21) 2018271271 (22) 27.11.2018
 (54) Cashless Gaming Through Virtual Ticketing in a Gaming System
 (31) 15/859,553 (32) 31.12.17 (33) US

(71) IGT
 (21) 2018271272 (22) 27.11.2018
 (54) Mobile Wallet with Unlockable Capabilities in a Gaming System
 (31) 15/859,556 (32) 31.12.17 (33) US

(71) IGT
 (21) 2018271397 (22) 30.11.2018

Complete Applications Filed - Name Index cont'd

(54) SKILL BASED MOBILE DEVICE INPUT TO EFFECT GAME OUTCOME
(31) 15/841,823 (32) 14.12.17 (33) US

(71) Infineum International Limited
(21) 2018271382 (22) 30.11.2018
(54) Marine engine lubrication
(31) 17204927.2 (32) 01.12.17 (33) EP

(71) Innovapark, LLC
(21) 2018271308 (22) 28.11.2018
(54) Enhancements to meterless remote parking monitoring systems
(62) 2016250507

(71) Innovation Technologies, Inc.
(21) 2018271354 (22) 29.11.2018
(54) Materials and methods for controlling inventions
(62) 2014361828

(71) Institute of Technology, Tallaght
(21) 2018271316 (22) 29.11.2018
(54) A VACCINE FOR TREATMENT OR PREVENTION OF BURKHOLDERIA INFECTION IN A MAMMAL
(62) 2013360738

(71) Intelligent Synthetic Biology Center
(21) 2018271265 (22) 27.11.2018
(54) Composition for preventing or treating liver cancer containing ginsenoside F2
(62) 2017201862

(71) Interactive Intelligence, Inc.
(21) 2018271242 (22) 26.11.2018
(54) METHOD AND SYSTEM FOR REAL-TIME KEYWORD SPOTTING FOR SPEECH ANALYTICS
(62) 2012385479

(71) Intuit Inc.
(21) 2018271296 (22) 28.11.2018
(54) Methods systems and articles of manufacture for using a predictive model to determine tax topics which are relevant to a taxpayer in preparing an electronic tax return
(62) 2014405886

(71) iSelect Ltd
(21) 2018271252 (22) 26.11.2018
(54) Systems and methods for use in marketing
(62) 2017200370

(71) Janssen Oncology, Inc.
(21) 2018271331 (22) 29.11.2018
(54) Methods and compositions for treating cancer
(62) 2017201764

(71) JFE Steel Corporation
(21) 2018271236 (22) 26.11.2018
(54) Rail manufacturing method and rail manufacturing apparatus
(62) 2015323176

(71) Juice Beauty, Inc.
(21) 2018271376 (22) 30.11.2018
(54) A thin emulsion base for cosmetics
(31) 62/610,056 (32) 22.12.17 (33) US

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2018271225 (22) 26.11.2018
(54) Acid gas absorbent, acid gas removal method, and acid gas removal device
(31) 2017-228165 (32) 28.11.17 (33) JP
2018-016606 01.02.18 JP

(71) Keter Plastic Ltd.; Milwaukee Electric Tool Corporation
(21) 2018271253 (22) 26.11.2018
(54) Utility assembly and coupling mechanism
(62) 2017260871

(71) KUENSTNER, J.T.
(21) 2018271328 (22) 29.11.2018
(54) Treatment of diseases using a combination of ultraviolet blood irradiation and antibiotics
(62) 2015263938

(71) LANDA LABS (2012) LTD
(21) 2018271392 (22) 30.11.2018
(54) METHOD OF MANUFACTURING A MULTI-LAYER ARTICLE
(31) 16/203,647 (32) 29.11.18 (33) US
(62) PCT/IB2017/053181

(71) LG Electronics Inc.
(21) 2018271292 (22) 28.11.2018
(54) Washing machine
(31) 10-2017-0161829 (32) 29.11.17 (33) KR

(71) LG Electronics Inc.
(21) 2018271319 (22) 29.11.2018
(54) Washing machine
(31) 10-2017-0161810 (32) 29.11.17 (33) KR

(71) LG Electronics Inc.
(21) 2018271352 (22) 29.11.2018
(54) Washing machine
(31) 10-2017-0162016 (32) 29.11.17 (33) KP

(71) Lincups Pty Ltd
(21) 2018271247 (22) 26.11.2018
(54) PACKING BOX

Lutnick, H. see BGC Partners, Inc.
(21) 2018271344

(71) Lutze, S.; Wilson, A.
(21) 2018271402 (22) 30.11.2018
(54) A device configured to enable score-keeping for activities including bat and/or racquet-based sports
(31) 2017904839 (32) 30.11.17 (33) AU

(71) M & J Timber Pty Limited
(21) 2018271268 (22) 27.11.2018
(54) Improved Panel Fence System

(71) Marine Polymer Technologies, Inc.; The Brigham and Women's Hospital, Inc.
(21) 2018271240 (22) 26.11.2018
(54) Application of polymeric materials to screens to facilitate hemostasis and wound healing
(62) 2017202837

Massachusetts Institute of Technology see The Broad Institute, Inc.
(21) 2018271372

Massachusetts Institute of Technology see President and Fellows of Harvard College
(21) 2018271373

(71) Medtronic, Inc.
(21) 2018271320 (22) 29.11.2018
(54) Expandable introducer sheath
(62) 2014265514

(71) MELLIOS, G.C.A.
(21) 2018271263 (22) 27.11.2018
(54) ASSEMBLY AND METHOD FOR GUITAR STRUMMING

(71) Merial Inc
(21) 2018271343 (22) 29.11.2018
(54) Anthelmintic compounds and compositions and method of using thereof
(62) 2017200135

Milwaukee Electric Tool Corporation see Keter Plastic Ltd.
(21) 2018271253

(71) Milwaukee Electric Tool Corporation
(21) 2018271307 (22) 28.11.2018
(54) Light
(62) 2016215219

(71) Murphy, N.
(21) 2018271273 (22) 27.11.2018
(54) Method of Casting

(71) Nepean Conveyors Pty Ltd
(21) 2018271246 (22) 26.11.2018

Complete Applications Filed - Name Index cont'd

(54) Conveyor pulley transportation/storage device
(31) 2017904803 (32) 28.11.17 (33) AU

(71) Netflix, Inc.
(21) 2018271355 (22) 29.11.2018
(54) Detecting segments of a video program
(62) 2016233893

(71) Novartis AG
(21) 2018271336 (22) 29.11.2018
(54) Pharmaceutical compositions comprising an S1P modulator
(62) 2017200293

(71) O'Brien, K.M.
(21) 2018271266 (22) 27.11.2018
(54) Watercraft Fin Removal Tool and Method
(31) 2018900151 (32) 17.01.18 (33) AU

(71) OH DAE METAL Co., Ltd.
(21) 2018271269 (22) 27.11.2018
(54) Hair transplanter having a plurality of needle channels arranged in radial pattern
(31) 2018-0007656 (32) 22.01.18 (33) KR

(71) OPKO Health, Inc.
(21) 2018271297 (22) 28.11.2018
(54) PIPERIDINE DERIVATIVES AS NK1 ANTAGONISTS
(62) 2017201251

(71) Oregon Health & Science University
(21) 2018267687 (22) 26.11.2018
(54) HUMAN CYTOMEGALOVIRUS COMPRISING EXOGENOUS ANTIGENS
(62) 2015289560

(71) Otis Elevator Company
(21) 2018271288 (22) 28.11.2018
(54) Load bearing traction members and method
(31) 62/592,827 (32) 30.11.17 (33) US

(71) Payload Industries Pty Ltd
(21) 2018271294 (22) 28.11.2018
(54) Wear Tiles
(62) 2015208660

(71) Playable Pty Ltd
(21) 2018271424 (22) 03.12.2018
(54) System and Method for Algorithmic Editing of Video Content
(31) 2017905005 (32) 13.12.17 (33) AU

(71) Polyplas International Pty Ltd
(21) 2018271230 (22) 26.11.2018

(54) System for Suspending Elongate Service Components
(31) 2017904761 (32) 24.11.17 (33) AU

President and Fellows of Harvard College
see The Broad Institute, Inc.
(21) 2018271372

(71) President and Fellows of Harvard College; Massachusetts Institute of Technology
(21) 2018271373 (22) 30.11.2018
(54) Treatment of age-related and mitochondrial diseases by inhibition of HIF-1 alpha function
(62) 2013329312

(71) Primary Sales Australia Pty Ltd
(21) 2018271412 (22) 30.11.2018
(54) Conveyor Assembly For A Harvester
(31) 2017904836 (32) 30.11.17 (33) AU

(71) Prothena Biosciences Limited
(21) 2018271353 (22) 29.11.2018
(54) Antibodies recognizing alpha-synuclein
(62) 2013329381

(71) PTC Therapeutics, Inc.
(21) 2018271277 (22) 27.11.2018
(54) Substituted pyrimidine Bmi-1 inhibitors
(62) 2013399092

(71) QINGDAO BELLINTURF INDUSTRIAL CO., LTD.
(21) 2018271323 (22) 29.11.2018
(54) ARTIFICIAL TURF AND METHOD FOR PREPARING THE SAME
(31) 201810708761.0 (32) 02.07.18 (33) CN

(71) Qualcomm Incorporated
(21) 2018271356 (22) 29.11.2018
(54) ULTRA-LOW LATENCY LTE REFERENCE SIGNAL TRANSMISSION
(62) 2015321948

(71) Qubole, Inc.
(21) 2018271232 (22) 26.11.2018
(54) Systems and methods for providing metadata-aware background caching in data analysis
(62) 2015317958

(71) Regeneron Pharmaceuticals, Inc.
(21) 2018271326 (22) 29.11.2018
(54) GENETICALLY MODIFIED MAJOR HISTOCOMPATIBILITY COMPLEX MICE
(62) 2014218893

(71) Ricoh Company, Ltd.
(21) 2018271281 (22) 27.11.2018

(54) Powder Container, Powder Supply Device And Image Forming Apparatus
(62) 2017204603

(71) Roche Glycart AG
(21) 2018271329 (22) 29.11.2018
(54) Bispecific T cell activating antigen binding molecules
(62) 2014222779

(71) Rootank Pty Ltd
(21) 2018271414 (22) 01.12.2018
(54) METHOD, INFRASTRUCTURE AND APPARATUS FOR FIRE FIGHTING USE
(31) 2018903801 (32) 08.10.18 (33) AU

(71) RUMENTEK INDUSTRIES PTY. LIMITED
(21) 2018271305 (22) 28.11.2018
(54) An improved process for the production of rumen protected fat supplements for ruminants
(31) 2017905090 (32) 20.12.17 (33) AU

(71) SAHARA CO., LTD.
(21) 2018271249 (22) 26.11.2018
(54) VENTILATION APPARATUS
(31) 2018-096971 (32) 21.05.18 (33) JP

(71) SALK INSTITUTE FOR BIOLOGICAL STUDIES
(21) 2018271254 (22) 26.11.2018
(54) Reprogramming progenitor compositions and methods of use therefore
(62) 2016225076

(71) Samsung Electronics Co., Ltd.
(21) 2018271275 (22) 27.11.2018
(54) METHOD AND APPARATUS FOR ENCODING MOTION INFORMATION, AND METHOD AND APPARATUS FOR DECODING SAME
(62) 2018201305

(71) Sanofi-Aventis Deutschland GmbH
(21) 2018271229 (22) 26.11.2018
(54) Autoinjector
(62) 2014289352

(71) Sheedy, M.B.A.; Hartwell, D.
(21) 2018271259 (22) 27.11.2018
(54) AN EXPIRATORY BREATHING SIMULATOR DEVICE AND METHOD

(71) Smith & Wesson Corp.
(21) 2018271301 (22) 28.11.2018
(54) Bolt carrier bearing tube for rifle receiver
(62) 2016372030

Complete Applications Filed - Name Index cont'd

(71) Softbank Robotics Europe
 (21) 2018271237 (22) 26.11.2018
 (54) Method for building a map of probability of one of absence and presence of obstacles for an autonomous robot
 (62) 2015270461

(71) South32 Worsley Alumina Pty Ltd
 (21) 2018271243 (22) 26.11.2018
 (54) PROCESS FOR REMOVING SULPHATE IONS FROM A BAYER LIQUOR
 (31) 2017904813 (32) 29.11.17 (33) AU

(71) Spinal Elements, Inc.
 (21) 2018271345 (22) 29.11.2018
 (54) Implant System for Treating the Spine
 (62) 2016277588

(71) Suntory Holdings Limited
 (21) 2018271250 (22) 26.11.2018
 (54) Method for producing saccharified moromi
 (62) 2015319356

Sweeting, M. see BGC Partners, Inc.
 (21) 2018271344

(71) Sysmex Corporation
 (21) 2018271368 (22) 30.11.2018
 (54) Sample measuring method and sample measurement device
 (31) 2017-231146 (32) 30.11.17 (33) JP

(71) Sysmex Corporation
 (21) 2018271399 (22) 30.11.2018
 (54) Measurement method and measurement device
 (31) 2017-231149 (32) 30.11.17 (33) JP

(71) Tata Consultancy Services Limited
 (21) 2018271286 (22) 28.11.2018
 (54) SYSTEMS AND METHODS FOR OBTAINING OPTIMAL MOTHER WAVELETS FOR FACILITATING MACHINE LEARNING TASK
 (31) 201721047125 (32) 28.12.17 (33) IN

(71) TGOMA NZ LIMITED
 (21) 2018271228 (22) 26.11.2018
 (54) METHOD AND SYSTEM OF MEASURING AN ACTIVITY OF A PERSON ON A FLEXIBLE MAT OF A TRAMPOLINE
 (62) 2013364504

(71) The Boeing Company
 (21) 2018271233 (22) 26.11.2018
 (54) Core structures for composite panels of an aircraft, composite panels and aircraft including the core structures, and methods of manufacturing the composite panels
 (31) 15/838,855 (32) 12.12.17 (33) US

(71) The Boeing Company
 (21) 2018271324 (22) 29.11.2018
 (54) Curved heat shrink tubing and methods of making the same
 (31) 15/832,335 (32) 05.12.17 (33) US

(71) The Boeing Company
 (21) 2018271371 (22) 30.11.2018
 (54) A system, valve, and method for liquid resin infusion
 (31) 15/833,604 (32) 06.12.17 (33) US

The Brigham and Women's Hospital, Inc. see Marine Polymer Technologies, Inc.
 (21) 2018271240

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
 (21) 2018271372 (22) 30.11.2018
 (54) Type VI CRISPR orthologs and systems
 (62) 2017283713

(71) The Regents of the University of Colorado, A Body Corporate
 (21) 2018271257 (22) 27.11.2018
 (54) CRISPR ENABLED MULTIPLEXED GENOME ENGINEERING
 (62) 2015217208

(71) The University of Chicago
 (21) 2018271278 (22) 27.11.2018
 (54) Treatments for migraine and related disorders
 (62) 2017203461

(71) TNBT Holdings Pty Limited
 (21) 2018271251 (22) 26.11.2018
 (54) Cover Plate and Adaptor
 (62) 2017254928

(71) TNBT Holdings Pty Limited
 (21) 2018271334 (22) 29.11.2018
 (54) A Lock Assembly
 (62) 2017202936

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2018271225

(71) TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
 (21) 2018271332 (22) 29.11.2018
 (54) Blower/mulcher
 (31) 62/593,145 (32) 30.11.17 (33) US

(71) Tung Hing Plastic Manufactory Limited
 (21) 2018271255 (22) 26.11.2018
 (54) Improved Hair Claw

(71) Tyco Fire & Security GmbH
 (21) 2018271365 (22) 30.11.2018
 (54) Power supply ripple detector
 (31) 15/838,898 (32) 12.12.17 (33) US

(71) University of South Australia
 (21) 2018271386 (22) 30.11.2018
 (54) SYSTEM AND METHOD FOR DETERMINING THE REFRACTIVE INDEX OF A MATERIAL
 (31) 2017904859 (32) 01.12.17 (33) AU

(71) User-Centric IP, L.P.
 (21) 2018271310 (22) 28.11.2018
 (54) Mesoscale modeling
 (62) 2015369647

(71) Variation Biotechnologies Inc.
 (21) 2018271276 (22) 27.11.2018
 (54) Methods for detection of anti-cytomegalovirus neutralizing antibodies
 (62) 2013239383

(71) VHA Holdings Pty Limited
 (21) 2018271295 (22) 28.11.2018
 (54) A protective helmet
 (62) 2016269455

(71) Vivi B.V.
 (21) 2018271306 (22) 28.11.2018
 (54) System and Method for Producing a Plant
 (62) 2014381769

(71) Wagred Innovations Inc.
 (21) 2018271299 (22) 28.11.2018
 (54) HOSE AND CABLE PROTECTOR
 (31) 62/591,453 (32) 28.11.17 (33) US

(71) WEEKS HOLDINGS PTY LTD
 (21) 2018271358 (22) 29.11.2018
 (54) Hip Truss Fascia Connecting Bracket
 (31) 2017904810 (32) 29.11.17 (33) AU

Wilson, A. see Lutze, S.
 (21) 2018271402

(71) Yale University
 (21) 2018271341 (22) 29.11.2018
 (54) ANTI-THROMBOGENIC GRAFTS
 (62) 2014268778

Numerical Index

2018260958	Apple Inc.	2018271289	Gilead Sciences, Inc.
2018267663	Creative Eleven Holdings Pty Ltd	2018271290	Accenture Global Solutions Limited
2018267687	Oregon Health & Science University	2018271292	LG Electronics Inc.
2018271225	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2018271293	Deciphera Pharmaceuticals, LLC
2018271226	Apple Inc.	2018271294	Payload Industries Pty Ltd
2018271227	Concert Pharmaceuticals, Inc.	2018271295	VHA Holdings Pty Limited
2018271228	TGOMA NZ LIMITED	2018271296	Intuit Inc.
2018271229	Sanofi-Aventis Deutschland GmbH	2018271297	OPKO Health, Inc.
2018271230	Polyplas International Pty Ltd	2018271298	Ethicon, Inc.
2018271231	Aurigene Discovery Technologies Limited	2018271299	Wagred Innovations Inc.
2018271232	Qubole, Inc.	2018271300	Ethicon, Inc.
2018271233	The Boeing Company	2018271301	Smith & Wesson Corp.
2018271234	Davies, L.C.	2018271302	Fives Intralogistics S.p.A. Con Socio Unico
2018271235	Aurigene Discovery Technologies Limited	2018271303	Ethicon, Inc.
2018271236	JFE Steel Corporation	2018271304	Farley, D.K.
2018271237	Softbank Robotics Europe	2018271305	RUMENTEK INDUSTRIES PTY. LIMITED
2018271238	Dai Nippon Printing Co., Ltd.	2018271306	Vivi B.V.
2018271240	Marine Polymer Technologies, Inc.; The Brigham and Women's Hospital, Inc.	2018271307	Milwaukee Electric Tool Corporation
2018271241	Aurora Flight Sciences Corporation	2018271308	Innovapark, LLC
2018271242	Interactive Intelligence, Inc.	2018271309	Airbus Operations Limited; Airbus Operations GmbH
2018271243	South32 Worsley Alumina Pty Ltd	2018271310	User-Centric IP, L.P.
2018271244	Babcock Power Services, Inc.	2018271311	IFP Energies nouvelles
2018271245	DEON Optical Design Corporation	2018271312	Carpenter, W.
2018271246	Nepean Conveyors Pty Ltd	2018271313	Emory University
2018271247	Lincups Pty Ltd	2018271314	ALSTOM Transport Technologies
2018271248	Darkon Pty Ltd	2018271315	Chen-McCaig, Z.
2018271249	SAHARA CO., LTD.	2018271316	Institute of Technology, Tallaght
2018271250	Suntory Holdings Limited	2018271317	ALSTOM Transport Technologies
2018271251	TNBT Holdings Pty Limited	2018271319	LG Electronics Inc.
2018271252	iSelect Ltd	2018271320	Medtronic, Inc.
2018271253	Keter Plastic Ltd.; Milwaukee Electric Tool Corporation	2018271321	Aristocrat Technologies Australia Pty Limited
2018271254	SALK INSTITUTE FOR BIOLOGICAL STUDIES	2018271322	Active Implants LLC
2018271255	Tung Hing Plastic Manufactory Limited	2018271323	QINGDAO BELLINTURF INDUSTRIAL CO., LTD.
2018271256	Fiducia Media Holdings Pty Ltd	2018271324	The Boeing Company
2018271257	The Regents of the University of Colorado, A Body Corporate	2018271325	GPCP IP Holdings LLC
2018271258	Crowd Productions Pty Ltd	2018271326	Regeneron Pharmaceuticals, Inc.
2018271259	Sheedy, M.B.A.; Hartwell, D.	2018271327	ExxonMobil Research and Enigneering Company
2018271260	Bellator Pty Ltd	2018271328	KUENSTNER, J.T.
2018271261	Ancora Heart, Inc.	2018271329	Roche Glycart AG
2018271262	CFPH, LLC	2018271330	Aristocrat Technologies Australia Pty Limited
2018271263	MELLIOS, G.C.A.	2018271331	Janssen Oncology, Inc.
2018271264	BGC Partners, Inc	2018271332	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018271265	Intelligent Synthetic Biology Center	2018271333	Canon Kabushiki Kaisha
2018271266	O'Brien, K.M.	2018271334	TNBT Holdings Pty Limited
2018271267	Accenture Global Solutions Limited	2018271336	Novartis AG
2018271268	M & J Timber Pty Limited	2018271337	Agensys, Inc.
2018271269	OH DAE METAL Co., Ltd.	2018271338	Amgen Inc.
2018271270	IGT	2018271339	Angel Playing Cards Co., Ltd.
2018271271	IGT	2018271340	Gates Corporation
2018271272	IGT	2018271341	Yale University
2018271273	Murphy, N.	2018271342	Deere & Company
2018271275	Samsung Electronics Co., Ltd.	2018271343	Merial Inc
2018271276	Variation Biotechnologies Inc.	2018271344	BGC Partners, Inc.; Lutnick, H.; Sweeting, M.
2018271277	PTC Therapeutics, Inc.	2018271345	Spinal Elements, Inc.
2018271278	The University of Chicago	2018271346	Deere & Company
2018271279	E. I. DU PONT DE NEMOURS AND COMPANY	2018271347	BioTrace Medical, Inc.
2018271280	FRED HUTCHINSON CANCER RESEARCH CENTER	2018271348	Canon Kabushiki Kaisha
2018271281	Ricoh Company, Ltd.	2018271349	Canon Kabushiki Kaisha
2018271282	ICON Engineering Pty Ltd	2018271350	Canon Kabushiki Kaisha
2018271283	GIBS Building Tech Pty Ltd	2018271351	Dow AgroSciences LLC
2018271284	Eisai R&D Management Co., Ltd.	2018271352	LG Electronics Inc.
2018271285	Cerocchi, D.	2018271353	Prothena Biosciences Limited
2018271286	Tata Consultancy Services Limited	2018271354	Innovation Technologies, Inc.
2018271287	Apple Inc.	2018271355	Netflix, Inc.
2018271288	Otis Elevator Company	2018271356	Qualcomm Incorporated
		2018271357	Bio-Rad Innovations; DiaMed GmbH
		2018271358	WEEKS HOLDINGS PTY LTD
		2018271360	HysensBio

Complete Applications Filed - Numerical Index cont'd

2018271361 Huawei Technologies Co., Ltd.
2018271363 Arthrocare Corporation
2018271364 Covidien LP
2018271365 Tyco Fire & Security GmbH
2018271366 Apple Inc.
2018271367 Clinical Genomics Pty Ltd
2018271368 Sysmex Corporation
2018271369 AbbVie Inc.; Apogenix AG
2018271370 Fresenius Medical Care Holdings, Inc.
2018271371 The Boeing Company
2018271372 The Broad Institute, Inc.; Massachusetts Institute of
Technology; President and Fellows of Harvard College
2018271373 President and Fellows of Harvard College; Massachu-
setts Institute of Technology
2018271375 Fives Intralogistics S.p.A. Con Socio Unico
2018271376 Juice Beauty, Inc.
2018271379 G2GBIO, INC.
2018271381 G2GBIO, INC.
2018271382 Infineum International Limited
2018271385 Accenture Global Solutions Limited
2018271386 University of South Australia
2018271392 LANDA LABS (2012) LTD
2018271397 IGT
2018271399 Sysmex Corporation
2018271402 Lutze, S.; Wilson, A.
2018271410 GLOBAL GRAIN HANDLING SOLUTIONS PTY. LTD.
2018271412 Primary Sales Australia Pty Ltd
2018271414 Rootank Pty Ltd
2018271417 Adobe Inc.
2018271418 Adobe Inc.
2018271423 Georgia-Pacific Corrugated LLC
2018271424 Playable Pty Ltd

Innovation Patent Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Nov 2018 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>(71) Aoun Constructions Pty Ltd (21) 2018101827 (22) 26.11.2018 (54) Method and apparatus for determining a specification for a piping installation job (62) 2017101548</p>	<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (21) 2018101866 (22) 30.11.2018 (54) Plasticizer methyl acetate acid production plant (31) 2017112883216 (32) 07.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101833 (22) 27.11.2018 (54) Polybutylene succinate-MDI hot melt adhesive production plant (31) 2017112680052 (32) 05.12.17 (33) CN</p>
<p>(71) Apple Inc. (21) 2018101855 (22) 29.11.2018 (54) Activity and workout updates (62) 2018100158</p>	<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (21) 2018101875 (22) 30.11.2018 (54) Bacteriostatic agent dimethyl fumarate production plant (31) 2017112941387 (32) 08.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101834 (22) 27.11.2018 (54) High temperature inorganic adhesive production plant (31) 201711267984X (32) 05.12.17 (33) CN</p>
<p>(71) Bayer Australia Ltd (21) 2018101848 (22) 28.11.2018 (54) IMPROVED MYIASIS CONTROL (62) 2015230729</p>	<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (21) 2018101876 (22) 30.11.2018 (54) Bacteriostatic agent 2-hydroxypropionic acid production plant (31) 2017112941391 (32) 08.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101835 (22) 27.11.2018 (54) Polyvinyl alcohol resin composite coating production plant (31) 2017112681093 (32) 05.12.17 (33) CN</p>
<p>(71) Bayer Australia Ltd (21) 2018101849 (22) 28.11.2018 (54) IMPROVED MYIASIS CONTROL (62) 2015230729</p>	<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (21) 2018101861 (22) 29.11.2018 (54) Pharmaceutical raw material undecalactone production plant (31) 2017112871789 (32) 07.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101836 (22) 27.11.2018 (54) Polyvinyl formal paint production plant (31) 2017112709510 (32) 05.12.17 (33) CN</p>
<p>(71) Bullivants Pty Limited (21) 2018101869 (22) 30.11.2018 (54) MOBILE TEST BED</p>	<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (21) 2018101862 (22) 30.11.2018 (54) Antithrombotic drug 1,2-benzopyrone production plant (31) 2017112881564 (32) 07.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101837 (22) 27.11.2018 (54) Perchlorovinyl resin composite coating production plant (31) 2017112694093 (32) 05.12.17 (33) CN</p>
<p>(71) Canaria Technologies Pty Ltd (21) 2018101872 (22) 30.11.2018 (54) EARPIECE AND MONITORING SYSTEM (62) PCT/GB2017/051125</p>	<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (21) 2018101863 (22) 30.11.2018 (54) Organic synthesis raw material musk ambrette production plant (31) 2017112831599 (32) 07.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101838 (22) 27.11.2018 (54) Polyvinyl acetate emulsion paint production plant (31) 2017112709915 (32) 05.12.17 (33) CN</p>
<p>(71) CCL Secure Pty Ltd (21) 2018101824 (22) 26.11.2018 (54) A SECURITY FEATURE AND METHOD OF MANUFACTURE THEREOF</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101831 (22) 27.11.2018 (54) Polysulfide sealant production plant (31) 2017112694089 (32) 05.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101839 (22) 28.11.2018 (54) Urea-formaldehyde condensate coating production plant (31) 2017112748394 (32) 06.12.17 (33) CN</p>
<p>(71) Chengdu Li Wei Er Technology Co., Ltd. (21) 2018101864 (22) 30.11.2018 (54) Analgesic 2,4,6-trinitro-3,3-dimethyl-5-tert-butylbenzene production plant (31) 2017112872122 (32) 07.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101832 (22) 27.11.2018 (54) Ethylene vinyl acetate copolymer hot melt adhesive production plant (31) 2017112680781 (32) 05.12.17 (33) CN</p>	<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101840 (22) 28.11.2018 (54) Methyl n-nonyl acetaldehyde production plant (31) 2017112751433 (32) 06.12.17 (33) CN</p>

Innovation Patent Applications Filed - Name Index cont'd

<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101841 (22) 28.11.2018 (54) Organic raw material methylated ethanol production plant (31) 2017112768222 (32) 06.12.17 (33) CN</p>	<p>(54) PAVEMENT AUTONOMOUS DETECTION INTELLIGENT APPARATUS, ROBOT SYSTEM AND DETECTION METHOD (62) PCT/CN2017/085444</p>	<p>ticated vehicle over a secure communication channel.</p>
<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101842 (22) 28.11.2018 (54) Organic raw material farnesol production plant (31) 2017112768237 (32) 06.12.17 (33) CN</p>	<p>(71) ICON Engineering Pty Ltd (21) 2018101850 (22) 28.11.2018 (54) RISER TENSION PROTECTOR AND METHOD OF USE THEREOF (62) 2016225949</p>	<p>(71) Multigate Medical Products Pty Ltd (21) 2018101825 (22) 26.11.2018 (54) An Adhesive Closure</p>
<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101843 (22) 28.11.2018 (54) Ionone production plant (31) 2017112748233 (32) 06.12.17 (33) CN</p>	<p>(71) Lampard, R. (21) 2018101871 (22) 26.11.2018 (54) WHEEL BARROW DISC BRAKE CONVERSION KIT TO SUITE ALL COMMON WHEEL BARROWS (31) 2017904791 (32) 27.11.17 (33) AU</p>	<p>(71) Not Given (21) 2018101828 (22) 26.11.2018 (54) Low temperature anticorrosive evaporator (31) 2018103634844 (32) 21.04.18 (33) CN</p>
<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101844 (22) 28.11.2018 (54) Antibacterial drug β-phenyl ethanol production plant (31) 2017112768241 (32) 06.12.17 (33) CN</p>	<p>(71) LIANG, T. (21) 2018101873 (22) 30.11.2018 (54) Ultra-wide band (UWB) based distance keeping system for autonomous mobile robot</p>	<p>(71) Perrie, A. (21) 2018101859 (22) 29.11.2018 (54) Hair Hooks (31) 2017905100 (32) 20.12.17 (33) AU</p>
<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101845 (22) 28.11.2018 (54) 3,4-dioxymethylene benzaldehyde production plant (31) 201711276377X (32) 06.12.17 (33) CN</p>	<p>(71) Lightspeed International Pty. Ltd. (21) 2018101874 (22) 30.11.2018 (54) METHOD AND SYSTEM FOR ONLINE SHOPPING</p>	<p>(71) Rice, B. (21) 2018101856 (22) 29.11.2018 (54) Post Pulling Plate (31) 2017904816 (32) 29.11.17 (33) AU</p>
<p>(71) Chengdu Sai Le Mu Technology Co., Ltd. (21) 2018101846 (22) 28.11.2018 (54) Pharmaceutical raw material isoamyl o-hydroxybenzoate production plant (31) 2017112763784 (32) 06.12.17 (33) CN</p>	<p>(71) Logic Systems Design Pty Limited (21) 2018101853 (22) 29.11.2018 (54) AUTOSYNCHRONOUS FLUORESCENCE MICROSCOPY SYSTEM (31) 2017905141 (32) 21.12.17 (33) AU</p>	<p>(71) SERPENT & DOVE - APPLIED MAGNETICS PTY. LIMITED (21) 2018101852 (22) 29.11.2018 (54) Improvements to Magnetic Earth Clamp</p>
<p>(71) Darling, L. (21) 2018101851 (22) 28.11.2018 (54) A system and a method that allows a user to receive messages from a paging transmission network in native paging protocol format through their smartphone and smart tablet</p>	<p>(71) Love, T. (21) 2018101857 (22) 29.11.2018 (54) 'Flow' app is a dynamic & digital platform for workplace and co-working environments which encourages its users to become fully engaged and immersed in the feeling of energised focus.</p>	<p>(71) Sun Pharmaceutical Industries Australia Pty Limited (21) 2018101858 (22) 29.11.2018 (54) MODIFIED PLANT (62) 2018203033</p>
<p>(71) F.T BUCKLEY & O.L SCHOLEY (21) 2018101867 (22) 30.11.2018 (54) RedSeil UHMWPE bicycle brake and gear cable.</p>	<p>(71) MANN + HUMMEL GmbH (21) 2018101826 (22) 26.11.2018 (54) Oil Separator</p>	<p>(71) Tikit Systems Pty Ltd (21) 2018101870 (22) 30.11.2018 (54) VaryThemer</p>
<p>(71) Freedom Foods Group IP Pty Limited (21) 2018101868 (22) 30.11.2018 (54) Milk Substitute Compositions (31) 2017904858 (32) 01.12.17 (33) AU</p>	<p>(71) McWade, K. (21) 2018101854 (22) 29.11.2018 (54) Engine Intercooler System Having A Fluid Loop Integrated With An Inter-chiller And An Air Conditioning System (62) 2015224428</p>	<p>(71) Yeomans, A. (21) 2018101829 (22) 27.11.2018 (54) DISPENSING APPARATUS FOR GRANULAR OR PARTICULATE MATERIALS (31) 2017904787 (32) 27.11.17 (33) AU 2018900250 25.01.18 AU</p>
<p>(71) GUI, Z. (21) 2018101830 (22) 27.11.2018</p>	<p>(71) MKPRO ENGINEERING PTY LTD (21) 2018101847 (22) 28.11.2018 (54) The ConsortImmobiliser is a broad immobiliser solution that provides for multi-user interphase local and remote immobilisation, tracking, and geo-fencing of uniquely identified and authen-</p>	

Numerical Index

2018101824	CCL Secure Pty Ltd	2018101851	Darling, L.
2018101825	Multigate Medical Products Pty Ltd	2018101852	SERPENT & DOVE - APPLIED MAGNETICS PTY. LIMITED
2018101826	MANN + HUMMEL GmbH	2018101853	Logic Systems Design Pty Limited
2018101827	Aoun Constructions Pty Ltd	2018101854	McWade, K.
2018101828	Not Given	2018101855	Apple Inc.
2018101829	Yeomans, A.	2018101856	Rice, B.
2018101830	GUI, Z.	2018101857	Love, T.
2018101831	Chengdu Sai Le Mu Technology Co., Ltd.	2018101858	Sun Pharmaceutical Industries Australia Pty Limited
2018101832	Chengdu Sai Le Mu Technology Co., Ltd.	2018101859	Perrie, A.
2018101833	Chengdu Sai Le Mu Technology Co., Ltd.	2018101861	Chengdu Li Wei Er Technology Co., Ltd.
2018101834	Chengdu Sai Le Mu Technology Co., Ltd.	2018101862	Chengdu Li Wei Er Technology Co., Ltd.
2018101835	Chengdu Sai Le Mu Technology Co., Ltd.	2018101863	Chengdu Li Wei Er Technology Co., Ltd.
2018101836	Chengdu Sai Le Mu Technology Co., Ltd.	2018101864	Chengdu Li Wei Er Technology Co., Ltd.
2018101837	Chengdu Sai Le Mu Technology Co., Ltd.	2018101865	Chengdu Li Wei Er Technology Co., Ltd.
2018101838	Chengdu Sai Le Mu Technology Co., Ltd.	2018101866	Chengdu Li Wei Er Technology Co., Ltd.
2018101839	Chengdu Sai Le Mu Technology Co., Ltd.	2018101867	F.T BUCKLEY & O.L SCHOLEY
2018101840	Chengdu Sai Le Mu Technology Co., Ltd.	2018101868	Freedom Foods Group IP Pty Limited
2018101841	Chengdu Sai Le Mu Technology Co., Ltd.	2018101869	Bullivants Pty Limited
2018101842	Chengdu Sai Le Mu Technology Co., Ltd.	2018101870	Tickit Systems Pty Ltd
2018101843	Chengdu Sai Le Mu Technology Co., Ltd.	2018101871	Lampard, R.
2018101844	Chengdu Sai Le Mu Technology Co., Ltd.	2018101872	Canaria Technologies Pty Ltd
2018101845	Chengdu Sai Le Mu Technology Co., Ltd.	2018101873	LIANG, T.
2018101846	Chengdu Sai Le Mu Technology Co., Ltd.	2018101874	Lightspeed International Pty. Ltd.
2018101847	MKPRO ENGINEERING PTY LTD	2018101875	Chengdu Li Wei Er Technology Co., Ltd.
2018101848	Bayer Australia Ltd	2018101876	Chengdu Li Wei Er Technology Co., Ltd.
2018101849	Bayer Australia Ltd		
2018101850	ICON Engineering Pty Ltd		

Applications with amended filing dates Reg 3.5(A).

2018903752 **RESMED LIMITED** The filing date has been amended to 16.10.2018

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

1998

1998094078 (14) 1998094081 (14) 1998094101 (14)
1998094112 (14) 1998094122 (14) 1998094203 (14)

1999

1999010497 (14) 1999012521 (14) 1999013413 (14)
1999013589 (14) 1999014481 (14) 1999014482 (14)
1999014762 (14) 1999015521 (14) 1999015804 (14)
1999016006 (14) 1999016053 (14) 1999016115 (14)
1999016965 (14) 1999017033 (14) 1999017041 (14)
1999017058 (14) 1999019659 (14) 1999020854 (14)
1999021544 (14) 1999037322 (14) 1999038503 (14)
1999039960 (14) 1999040016 (14) 1999040070 (14)
1999041914 (14) 1999042629 (14) 1999046612 (14)

2000

2000035372 (14) 2000035416 (14) 2000047653 (14)
2000048501 (14) 2000050314 (14) 2000051003 (14)
2000051984 (14) 2000052718 (14) 2000052764 (14)
2000056457 (14) 2000056757 (14) 2000251418 (14)

2001

2001043871 (14) 2001043875 (14) 2001043899 (14)

2001046023 (14) 2001056577 (14) 2001056740 (14)
2001059938 (14) 2001247989 (14) 2001261656 (14)
2001261758 (14) 2001263275 (14)

2002

2002040646 (14) 2002040655 (14) 2002040658 (14)
2002252842 (14) 2002257904 (14) 2002259200 (14)
2002300654 (14) 2002305638 (14) 2002308716 (14)
2002309904 (14) 2002314793 (14) 2002316124 (14)
2002317148 (14) 2002339317 (14)

2003

2003204144 (14) 2003204228 (14) 2003204252 (14)
2003227939 (14) 2003229095 (14) 2003229331 (14)
2003230422 (14) 2003233573 (14) 2003233597 (14)
2003234535 (14) 2003237864 (14) 2003237882 (14)
2003241107 (14) 2003241449 (14) 2003241562 (14)
2003244560 (14)

2004

2004200700 (14) 2004202077 (14) 2004202106 (14)
2004202124 (14) 2004202179 (14) 2004202869 (14)
2004237932 (14) 2004239596 (14) 2004240052 (14)
2004241101 (14) 2004241191 (14) 2004241519 (14)
2004242120 (14) 2004242124 (14) 2004242153 (14)
2004243037 (14) 2004243046 (14) 2004247819 (14)

2005

2005202168 (14) 2005202195 (14) 2005204273 (14)
2005211574 (14) 2005244694 (14) 2005244978 (14)
2005245921 (14) 2005257124 (14) 2005331931 (14)

2006

2006202080 (14) 2006245916 (14) 2006247034 (14)
2006247139 (14) 2006247238 (14) 2006247296 (14)
2006247390 (14) 2006248494 (14) 2006248619 (14)
2006248722 (14) 2006248743 (14) 2006248938 (14)
2006249481 (14) 2006261527 (14) 2006274426 (14)
2006287934 (14) 2006299902 (14)

2007

2007202134 (14) 2007202164 (14) 2007202942 (14)
2007249682 (14) 2007250443 (14) 2007250586 (14)
2007251933 (14) 2007252291 (14) 2007252967 (14)
2007253734 (14) 2007253756 (14) 2007253771 (14)
2007253776 (14) 2007259017 (14)

2008

2008202131 (14) 2008202218 (14) 2008202228 (14)
2008203277 (14) 2008250069 (14) 2008252888 (14)
2008254482 (14) 2008254484 (14) 2008254498 (14)
2008254676 (14) 2008254768 (14) 2008254915 (14)
2008257734 (14) 2008261330 (14) 2008262186 (14)
2008349110 (14)

2009

2009201912 (14) 2009202280 (14) 2009240848 (14)
2009246064 (14) 2009246065 (14) 2009246112 (14)
2009246114 (14) 2009247443 (14) 2009249319 (14)
2009249672 (14) 2009249749 (14) 2009249896 (14)
2009249899 (14) 2009250946 (14) 2009252630 (14)
2009253181 (14) 2009254251 (14) 2009255752 (14)
2009257801 (14) 2009260678 (14) 2009262381 (14)
2009265209 (14) 2009265210 (14) 2009265211 (14)
2009265988 (14)

2010

2010101326 (22) 2010101331 (22) 2010101339 (22)
2010201944 (14) 2010202813 (14) 2010203293 (14)
2010248372 (14) 2010249632 (14) 2010249636 (14)
2010249678 (14) 2010249821 (14) 2010249933 (14)
2010250104 (14) 2010250802 (14) 2010250814 (14)
2010250920 (14) 2010250997 (14) 2010251013 (14)

2010251151 (14) 2010251156 (14) 2010251468 (14)
 2010251469 (14) 2010251473 (14) 2010251750 (14)
 2010251755 (14) 2010252107 (14) 2010252346 (14)
 2010293661 (14)

2011

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 2011100577 (22E) 2011100584 (22E) 2011200594 (14)
 2011202303 (14) 2011202600 (14) 2011202794 (14)
 2011232787 (14) 2011242487 (14) 2011252810 (14)
 2011255218 (14) 2011255225 (14) 2011255238 (14)
 2011255279 (14) 2011255638 (14) 2011255890 (14)
 2011256173 (14) 2011256257 (14) 2011256270 (14)
 2011256396 (14) 2011258854 (14) 2011266380 (14)
 2011305000 (14) 2011368688 (14)

2012

2012100686 (22E) 2012100745 (22) 2012100746 (22)
 2012101983 (22E) 2012201409 (14) 2012202848 (14)
 2012202869 (14) 2012211395 (14) 2012255112 (14)
 2012255590 (14) 2012255650 (14) 2012256032 (14)
 2012257421 (14) 2012257724 (14) 2012257727 (14)
 2012259042 (14) 2012260554 (14) 2012260556 (14)
 2012263796 (14) 2012265661 (5C) 2012275967 (14)
 2012296826 (14) 2012364807 (14) 2012369176 (4C)

2013

2013100599 (22E) 2013100646 (22E) 2013100650 (22E)
 2013100651 (22E) 2013201427 (14) 2013201429 (14)
 2013201629 (14) 2013205091 (14) 2013205846 (4C)
 2013205876 (14) 2013205912 (14) 2013207646 (14)
 2013234404 (14) 2013245579 (5C) 2013261093 (4C)
 2013261578 (14) 2013262189 (14) 2013262594 (14)
 2013262663 (4C) 2013262740 (4C) 2013262754 (4C)
 2013262770 (14) 2013263017 (14) 2013264814 (14)
 2013264831 (14) 2013266604 (14) 2013273624 (5C)
 2013295432 (14) 2013297837 (14) 2013316001 (5C)
 2013332273 (5C) 2013344422 (5C) 2013352021 (5C)
 2013352235 (5C) 2013357235 (25D)

2014

2014100497 (22E) 2014100502 (22E) 2014100512 (22E)
 2014100520 (22G) 2014200762 (5C) 2014200820 (14)
 2014200821 (14) 2014201282 (5C) 2014201347 (5C)
 2014202091 (5C) 2014202616 (14) 2014202641 (4C)
 2014202649 (4A) 2014202753 (14) 2014202755 (14)
 2014203168 (14) 2014204525 (1B) 2014204826 (5C)
 2014210619 (14) 2014218499 (5C) 2014220385 (25D)
 2014222295 (5C) 2014223548 (5C) 2014224705 (5C)
 2014225534 (5C) 2014248876 (5C) 2014251486 (5C)
 2014257759 (25D) 2014260468 (5C) 2014265198 (4C)
 2014265210 (4C) 2014265492 (4C) 2014266062 (4C)
 2014266867 (14) 2014267198 (4C) 2014267213 (4C)
 2014268692 (14) 2014268737 (4C) 2014268762 (4C)
 2014268797 (4C) 2014270523 (14) 2014270786 (4C)
 2014270975 (14) 2014274594 (14) 2014280464 (14)
 2014280832 (14) 2014285986 (4C) 2014286525 (4C)
 2014287011 (5C) 2014300657 (4B) 2014315050 (5C)
 2014360824 (4C) 2014360955 (4C) 2014361662 (1B)
 2014361712 (1B) 2014361741 (1B) 2014361813 (1B)
 2014361815 (1B) 2014362238 (1B) 2014362297 (1B)
 2014362307 (1B) 2014362345 (1B) 2014363430 (1B)
 2014363505 (1B) 2014363510 (1B) 2014363914 (1B)
 2014363929 (1B) 2014363935 (1B) 2014364109 (1B)
 2014364550 (5C) 2014366281 (1B) 2014366827 (1B)
 2014368776 (1B) 2014369802 (1B) 2014388246 (1B)
 2014388316 (5C) 2014395135 (4C) 2014396827 (5C)

2015

2015100637 (22E) 2015100646 (22E) 2015100647 (22E)
 2015200086 (14) 2015200753 (1B) 2015201353 (1B)
 2015201533 (1B) 2015203298 (1B) 2015208273 (5C)

2015208711 (5C) 2015208712 (5C) 2015209307 (25D)
 2015233191 (1B) 2015234686 (1B) 2015238077 (1B)
 2015238501 (1B) 2015239607 (1B) 2015239989 (1B)
 2015243059 (14) 2015246382 (1B) 2015253334 (5C)
 2015253396 (5C) 2015258930 (1B) 2015259051 (1B)
 2015259940 (1B) 2015264946 (1B) 2015270600 (5C)
 2015283879 (5C) 2015288421 (1B) 2015289771 (1B)
 2015292364 (1B) 2015293686 (5C) 2015295666 (5C)
 2015304439 (1B) 2015306704 (1B) 2015306793 (1B)
 2015315162 (5C) 2015317873 (5C) 2015321143 (5C)
 2015321656 (5C) 2015323321 (5C) 2015327849 (5C)
 2015329380 (5C) 2015335913 (5C) 2015346148 (5C)
 2015346555 (5C) 2015357162 (5C) 2015357163 (5C)
 2015364492 (25D) 2015369689 (1B) 2015370065 (1B)
 2015378173 (25D) 2015395037 (1B)

2016

2016100067 (22G) 2016100587 (22E) 2016100592 (22E)
 2016100595 (22E) 2016100636 (22E) 2016100637 (22E)
 2016100640 (22E) 2016100643 (22E) 2016100645 (22E)
 2016100803 (22E) 2016200837 (14) 2016200984 (5C)
 2016203302 (4C) 2016204009 (4D) 2016206340 (5C)
 2016210762 (5C) 2016215559 (5C) 2016215574 (5C)
 2016219597 (5C) 2016219717 (4C) 2016222322 (5C)
 2016222376 (14) 2016222380 (14) 2016225870 (4C)
 2016231577 (5C) 2016235173 (12A) 2016244342 (5C)
 2016251343 (25D) 2016256799 (5C) 2016257671 (5C)
 2016259286 (4C) 2016259458 (4C) 2016266043 (5C)

2017

2017200016 (5C) 2017200036 (5C) 2017200046 (1B)
 2017200272 (5C) 2017200300 (5C) 2017200472 (5C)
 2017200529 (5C) 2017200570 (5C) 2017200607 (5C)
 2017200728 (5C) 2017200929 (5C) 2017201192 (5C)
 2017201213 (5C) 2017201399 (5C) 2017201473 (5C)
 2017201502 (16C) 2017201540 (5C) 2017201848 (5C)
 2017202192 (4C) 2017202370 (5C) 2017202531 (5C)
 2017203153 (5C) 2017203289 (5C) 2017203310 (5C)
 2017203504 (5C) 2017203810 (5C) 2017203815 (5C)
 2017203855 (25D) 2017204193 (5C) 2017204196 (5C)
 2017204214 (5C) 2017204669 (5C) 2017210480 (5C)
 2017210570 (4C) 2017213459 (5C) 2017213501 (1C)
 2017219145 (16C) 2017228589 (5C) 2017232140 (16C)
 2017245332 (5C) 2017251782 (4C) 2017258847 (5C)
 2017265101 (4C) 2017904717 (12AN) 2017904855 (12AN)
 2017905130 (12AN)

2018

2018101360 (18AN) 2018101791 (12AN) 2018200313 (4C)
 2018202097 (4B) 2018226430 (1B) 2018226435 (1B)
 2018226441 (1B) 2018226474 (1B)

Complete Specifications Treated as Provisional Specifications, Section 37

2018

2018101799 **BEALLA LEGAL PTY LTD** Provisional Number:
 2018904473

Assignments before Grant, Section 113

2013

2013331031 Valspar Sourcing, Inc. The application has been as-
 signed to **SWIMC LLC**

Assignments before Grant, Section 113

2013382253 AMEI Technologies, Inc.; Texas Scottish Rite Hospital for Children The application has been assigned to **Texas Scottish Rite Hospital for Children; Orthofix S.R.L.**

2014

2014200589 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2014360492 Orexigen Therapeutics, Inc. The application has been assigned to **Nalpropion Pharmaceuticals, Inc.**

2014389533 The Sherwin-Williams Company The application has been assigned to **SWIMC LLC**

2015

2015315050 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2015320378 Dallen Medical, Inc. The application has been assigned to **Tensyn Medical, Inc.**

2015324421 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2015360875 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2015364401 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2015371311 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2015372433 Deotome Pty Ltd The application has been assigned to **Fisher, Mark**

2015397751 Rise Technology Co., Ltd. The application has been assigned to **Rise Biopharmaceuticals, Inc. (Beijing)**

2016

2016200032 MINING VISION PTY LIMITED The application has been assigned to **FURZE INNOVATION PTY LTD**

2016203874 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2016219368 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2016222383 New England Solar Power Pty Ltd The application has been assigned to **Solar Energy Innovations Pty Ltd**

2016233126 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2016243023 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

Assignments before Grant, Section 113

2016257795 Valspar Sourcing, Inc. The application has been assigned to **SWIMC LLC**

2016258989 The Sherwin-Williams Company The application has been assigned to **SWIMC LLC**

2016265992 Eaton Corporation The application has been assigned to **Eaton Intelligent Power Limited**

2016314971 SINTEF TTO AS The application has been assigned to **Funzionano AS**

2016349716 Schneeberger, Johannes The application has been assigned to **THE REACTION WASHER COMPANY**

2016357986 Technische Universität Berlin The application has been assigned to **provio GmbH**

2016385177 Industry-Academic Cooperation Foundation, Yonsei University The application has been assigned to **Good T Cells, Inc.**

2017

2017200230 Orexigen Therapeutics, Inc. The application has been assigned to **Nalpropion Pharmaceuticals, Inc.**

2017204309 Orexigen Therapeutics, Inc. The application has been assigned to **Nalpropion Pharmaceuticals, Inc.**

2017204960 Global Kinetics Corporation Pty Ltd The application has been assigned to **Global Kinetics Pty Ltd**

2017221804 Eaton Corporation The application has been assigned to **Eaton Intelligent Power Limited**

2017245468 Valspar Sourcing Inc The application has been assigned to **SWIMC LLC**

2017249414 MOBILE I.V. SYSTEMS, LLC; Vreeman, Fred The application has been assigned to **MOBILE I.V. SYSTEMS, LLC**

2017254958 Valspar Sourcing Inc The application has been assigned to **SWIMC LLC**

2017256786 Medimmune Limited The application has been assigned to **Viola Bio, Inc.**

2017268570 Tutone, Christina; Hosking, Graeme The application has been assigned to **Jophiel Pty Ltd**

2017900981 Elsey, Justin The application has been assigned to **Zy-dex Pty Ltd**

2017904839 Wilson, Alice; Lee, Mikayla; Lutze, Susannah The application has been assigned to **Lutze, Susannah; Wilson, Alice**

2017904915 C Bush & J Bush The application has been assigned to **DISMOV PTY LTD**

Assignments before Grant, Section 113

2017905084 Monash University The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018

2018203271 Orexigen Therapeutics, Inc. The application has been assigned to **Nalpropion Pharmaceuticals, Inc.**

2018203921 Orexigen Therapeutics, Inc. The application has been assigned to **Nalpropion Pharmaceuticals, Inc.**

2018900323 Wyett, Geoff The application has been assigned to **OZM Australia Pty Ltd**

2018901314 Deotome Pty Ltd The application has been assigned to **Fisher, Mark**

2018901730 Global Kinetics Corporation Limited The application has been assigned to **Global Kinetics Pty Ltd**

2018902814 Wyett, Geoff The application has been assigned to **OZM Australia Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2010

2010221446 **Moasis Global Corporation** An application to extend the time from 03 Mar 2018 to 03 Oct 2018 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2011

2011279562 **AXIS ENERGY GROUP PTY LTD** An application to extend the time from 19 Aug 2017 to 19 Sep 2018 in which to pay a renewal fee has been filed . Address for service - Eagar & Associates Pty Ltd P.O. Box 1499 Oxenford QLD 4210 AU

2012

2012202179 **Moasis Global Corporation** An application to extend the time from 03 Mar 2018 to 03 Oct 2018 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 21 60 Margaret St Sydney NSW 2000 AU

2017

2017101333 **WILLIAM & HENRY TOOLS PTY LTD** An application to extend the time from 15 Jun 2018 to 15 Dec 2018 in which to gain certification has been filed . Address for service - WILLIAM & HENRY TOOLS PTY LTD 8 WILCO AVENUE CABRAMATTA WEST NSW 2166 AU

2017200218 **Interventional Autonomics Corporation** An application to extend the time from 11 Jul 2017 to 11 Aug 2018 in which to pay the continuation fee has been filed . Address for service - Pizzeys Pat-

Extensions of Time, Section 223

ent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2017248500 **Integra LifeSciences Switzerland Sarl** An application to extend the time from 20 Mar 2018 to 20 Oct 2018 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2002

2002322155 **Nikolaidis, G.; Kurmis, M.** The time in which to pay a renewal fee has been extended to 06 Sep 2018 . Address for service - THE TRUSTEE FOR THE G & D NIKOLAIDIS TRUST 11 Marian Rd Payneham South SA 5070 AU

2007

2007215394 **Gravitas Technologies Pty Ltd** The time in which to pay a renewal fee has been extended to 16 Sep 2018 . Address for service - STEELE ENVIRONMENT SOLUTIONS PTY. LTD. PO BOX 91 Lynbrook VIC 3975 AU

2013

2013370850 **Kin Star International Limited; Spring Power Limited; Jin Jin Pacifique Compagnie; Lanzhou Jinfule Biotechnology Co., Ltd.** The time in which to pay a renewal fee has been extended to 31 Aug 2018 . Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2015

2015352006 **Michaels, P.** The time in which to request Examination has been extended to 19 Sep 2018 . Address for service - Paris Michaels Level 14 309 Kent Street Sydney NSW 2000 AU

2016

2016235035 **Trelleborg Wheel Systems Italia S.p.A.** The time in which to gain acceptance and pay the continuation fee has been extended to 31 Dec 2018 . Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2016256843 **FRESH IDEA GLOBAL LIMITED; SOLUTION CHAMPION LIMITED; LT GAME LIMITED** The time in which to gain acceptance has been extended to 02 Feb 2019 . Address for service - Arcadia Intellectual Property Level 2 420 Collins Street Melbourne VIC 3000 AU

2018

2018229566 **Ethicon, Inc.** The time in which to claim the convention priority date has been extended to 14 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018232920 **Digital Artefacts LLC** The time in which to make a further application for a divisional patent has been extended to 21 Sep 2018 . Address for service - Griffith Hack Level 29 Northpoint 100 ? Miller Street Sydney NSW 2001 AU

Amendments

Applications for Amendment

Amendments

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.

2011

2011222720 Moire magnification device **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012

2012202294 A slide out and a vehicle including a slide out **PMH Manufacturing Pty Limited** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2018 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2012321092 Microbial inoculants and fertilizer compositions comprising the same **Terragen Holdings Limited** The nature of the amendment is as shown in the statement(s) filed 29 Oct 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2013

2013384369 Customized surgical guide **Materialise N.V.** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014218893 Mice expressing humanized Major Histocompatibility Complex **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2018 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2014218897 Mice expressing humanized T-cell co-receptors **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2018 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2014233518 Noise aware edge enhancement **DePuy Synthes Products, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2018 . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

2014257748 Modified hydrogels **Ascendis Pharma A/S** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2018 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016

2016201250 METHOD OF DETERMINING ACUTE MYELOID LEUKEMIA RESPONSE TO TREATMENT WITH FARNESYLTRANSFERASE INHIBITORS **VERIDEX, LLC** The nature of the amendment is as

Amendments

shown in the statement(s) filed 28 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016216697 Ion binding polymers and uses thereof **Relypsa, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2016282697 Relay architecture for transferring from redundant power sources **Amazon Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Nov 2018 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2017

2017200078 Treatment of neurodegenerative diseases through inhibition of Hsp90 **Sloan-Kettering Institute for Cancer Research ; The Rockefeller University** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

Amendments Made**2009**

2009324174 **Sanofi-Aventis Deutschland GmbH** The nature of the amendment is: Amend the name of the inventor to read Schabbach, Michael; Roth, Axel; Hambrecht, Gerhard; Keitel, Joachim and Heald, Mike

2010

2010275754 **Grünenthal GmbH** The nature of the amendment is: Amend the name of the inventor to read Bartholomäus, Johannes; Geissler, Anja; Bertram, Ulrike; Griessmann, Kornelia and Bicane, Fatima

2010305447 **DSM IP Assets B.V.** The nature of the amendment is as shown in the statement filed 08 Aug 2018

2012

2012311292 **University College Cardiff Consultants Limited** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2018

2013

2013100419 **BLUESCOPE STEEL LIMITED** The nature of the amendment is as shown in the statement(s) filed 18 May 2018

2013258849 **Mitsubishi Tanabe Pharma Corporation; Medicago Inc.** The nature of the amendment is: Amend the name of the inventor to read D'Aoust, Marc-Andre; Landry, Nathalie; Lavoie, Pierre-Olivier; Arai, Masaaki; Asahara, Naomi; Mutepfa, David Levi Rutendo; Hitzeroth, Inga Isabel and Rybicki, Edward Peter

2013312455 **Sangamo Therapeutics, Inc.; Dow AgroSciences LLC** The nature of the amendment is as shown in the statement(s) filed 19 Feb 2015

2013370850 **Kin Star International Limited; Spring Power Limited; Jin Jin Pacifique Compagnie; Lanzhou Jinfule Biotechnology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2013101809

Amendments**2014**

2014203582 **Gotjamanos, T.** The nature of the amendment is: Application is to proceed under the number 2014101647

2014203582 **Gotjamanos, T.** The nature of the amendment is as shown in the statement filed 26 Nov 2018

2014218897 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 05 Sep 2018

2014226016 **Mayo Foundation for Medical Education and Research** The nature of the amendment is: Amend the name of the inventor to read Sperling, John W.; Treat, Aaron C.; Kline, Bruce R. and Larson, Michael B.

2014244131 **NantEnergy, Inc.** The nature of the amendment is as shown in the statement filed 29 Aug 2018

2015

2015202734 **Vuly IP Holdings No. 2 Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2015101937

2015267068 **The Lubrizol Corporation** The nature of the amendment is as shown in the statement filed 27 Aug 2018

2015268710 **BRENNAN BROADCAST GROUP PTY LTD** The nature of the amendment is: Application is to proceed under the number 2015101938

2015352162 **Techtronic Industries Co. Ltd.** The nature of the amendment is: Amend the name of the inventor to read Burnham, Gavin and Tyler, Jake

2015353618 **PPG Industries Ohio, Inc.; The University of Nottingham** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2018

2016

2016222829 **Graphic Packaging International, LLC** The nature of the amendment is as shown in the statement filed 22 Aug 2018

2016225949 **ICON Engineering Pty Ltd** The nature of the amendment is as shown in the statement filed 28 Aug 2018

2016250296 **The University of Queensland** The nature of the amendment is: Amend the name of the inventor to read Yu, Chengzhong; Yu, Meihua; Zhang, Hongwei; Nor, Yusilawati Ahmad; Song, Hao and Mitter, Neena

2016266101 **Pixobot, Inc.** The nature of the amendment is: Amend the name of the inventor to read Singh, Vishal; Schupbach, Brian; Uden, Andrew; Mathankeri, Aaron; Sonty, Adam; Heine, Alex; Franco, Colton; Hoffmeyer, Paul; Armstrong, Jacob; Leacock, Matt; Kelle, Spencer and Howell, Perry

2016277698 **Bally Gaming, Inc.** The nature of the amendment is as shown in the statements filed 07 Aug 2018 and 28 August 2018

Amendments

2016346405 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Cross-Flow Fan

2016401884 **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 23 Nov 2018

2016405921 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read UPLINK INFORMATION SENDING METHOD AND APPARATUS, BASE STATION, AND USER EQUIPMENT

2016406586 **Huawei Technologies Co.,Ltd.** The nature of the amendment is: Amend the invention title to read POWER CONTROL METHOD AND APPARATUS

2016415075 **Guangdong Institute Of Materials And Processing** The nature of the amendment is: Amend the invention title to read ZrO₂-Al₂O₃ Multiphase Ceramic Particle for Wear-Resistance Application, Preparation Method Therefor and Use Thereof

2016420272 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Air-conditioning apparatus

2017

2017101836 **Zhang, Y.** The nature of the amendment is: Amend the name of the inventor to read Zhang, Yuhui; Liu, Guangzhi; Wang, Lu; He, Qiaohua; Zhang, Helong; Lu, Jin; Li, Hangsheng; Xie, Juanke; Yin, Baoli and Chang, Qiong

2017200560 **FIORIMA, S.A.** The nature of the amendment is as shown in the statement(s) filed 30 May 2018 and 23 Nov 2018

2017200560 **FIORIMA, S.A.** The nature of the amendment is: Application is to proceed under the number 2017101841

2017204622 **Vaxxas Pty Limited** The nature of the amendment is: Amend the name of the inventor to read Kendall, Mark Anthony Fernance; MELIGA, Stefano; Depelseire, Alexandra Christina Isabelle; CHRICHTON, Michael Lawrence and FLAIM, Christopher

2017234680 **Prolynx LLC** The nature of the amendment is as shown in the statement(s) filed 20 Nov 2018

2017252187 **Scorrboard, LLC** The nature of the amendment is: Amend the invention title to read System And Method For Producing A Facing For A Board Product With Strategically Placed Scores

2017252608 **Bellay, P.** The nature of the amendment is as shown in the statement filed 30 Jul 2018

2017255086 **Nippon Chemiphar Co., Ltd.; Kyushu University, National University Corporation** The nature of the amendment is: Amend the invention title to read Medicament for treatment of multiple sclerosis

2017258032 **Sun Yat-Sen University** The nature of the amendment is: Amend the invention title to read Three-dimensional display system based on division multiplexing of viewer's entrance-pupil and display method thereof

Amendments

2017260080 **The Johns Hopkins University; Oregon Health & Science University** The nature of the amendment is: Amend the name of the inventor to read Horti, Andrew; Pomper, Martin G. and ALKAYED, Nabil J.

2017260663 **Outotec (Finland) Oy** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2018

2017260806 **Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca; Luxembourg Institute of Health (LIH); Institut De Recerca Biomèdica De Lleida Fundació Dr. Pifarré** The nature of the amendment is: Amend the invention title to read Markers of endometrial cancer

2017261137 **RESEARCH INSTITUTE OF THE PHYSICAL CHEMICAL PROBLEMS; Double Bond Pharmaceutical AB** The nature of the amendment is: To add co-applicant RESEARCH INSTITUTE OF THE PHYSICAL CHEMICAL PROBLEMS

2017263628 **Infacare Pharmaceutical Corporation** The nature of the amendment is: Amend the invention title to read METHODS FOR TREATING HYPERBILIRUBINEMIA WITH STANNOSOPORFIN AND PHOTOTHERAPY

2017275000 **Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Acid milk-containing ;highly clear beverage, packaged beverage, and method for highly clarifying acid milk-containing beverage

2017282788 **BCEG Environmental Remediation Co.,Ltd** The nature of the amendment is: Amend the name of the inventor to read LI, Shupeng; YANG, Yuewei; ZHANG, Yue; ZHANG, Xiaobin; GUO, Lili; CUI, Shuangchao; SONG, Xiaowei; CHEN, Fan; YIN, Pengcheng; LIU, Peng; LIU, Yan and NIU, Qiang

2017282788 **BCEG Environmental Remediation Co.,Ltd** The nature of the amendment is: Amend the invention title to read METHOD FOR DETERMINING DIFFUSION RADIUS OF IN-SITU INJECTION AND REMEDIATION OF CONTAMINATED SOIL AND GROUNDWATER

2017284517 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Process Cartridge and Electrophotographic Image Forming Apparatus

2017296205 **VISA International Service Association** The nature of the amendment is: Amend the name of the inventor to read Purves, Thomas; Carroll, Bryan; Konstantinidis, Fotios and Bhatt, Shiv

2018

2018100966 **LG Electronics Inc.** The nature of the amendment is: Amend the name of the inventor to read NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji and LEE, Taekgi

2018100968 **LG Electronics Inc.** The nature of the amendment is: Amend the name of the inventor to read NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji and LEE, Taekgi

2018100969 **LG Electronics Inc.** The nature of the amendment is: Amend the name of the inventor to read NAM, Bohyun; HWANG, Jun-

Amendments

gbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji and LEE, Taekgi

2018100970 **LG Electronics Inc.** The nature of the amendment is: Amend the name of the inventor to read NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji and LEE, Taekgi

2018100971 **LG Electronics Inc.** The nature of the amendment is: Amend the name of the inventor to read NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji and LEE, Taekgi

2018100972 **LG Electronics Inc.** The nature of the amendment is: Amend the name of the inventor to read NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong; HWANG, Philjae; HWANG, Mantae; SUNG, Eunji and LEE, Taekgi

2018101542 **Telcon RF Pharmaceutical. Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2018

2018101590 **Shanghai Ocean University** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2018

2018101786 **Autoslide Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018271396

2018226437 **PICTOMETRY INTERNATIONAL CORP.** The nature of the amendment is as shown in the statement(s) filed 20 Nov 2018

2018260837 **Rauland-Borg Corporation** The nature of the amendment is: Amend the name of the inventor to read Garcia, Reuben P.; Perea Jr., Levi J.; Grabowski, Steve and Zivancevic, Dejan

2018267574 **Visy R & D Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018101944

2018904359 **UBIQ Technology Pty Ltd** The nature of the amendment is: To amend the applicant name to read UBIQ Technology Pty Ltd

Alteration of Name(s) of Applicant(s)/Patentee(s)**2004**

2004286255 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2006

2006201850 **Stallion Plastics Limited Partnership; Peach Teats Limited** The name of the patentee has been altered to **Stallion Limited; Peach Teats Limited**

2006279678 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

2012

2012203798 **Orbital ATK, Inc.** The name of the patentee has been altered to **Northrop Grumman Innovation Systems, Inc.**

Amendments

2012329100 Martin Scientific, LLC The name of the patentee has been altered to **Baker Hughes, a GE Company LLC**

2014

2014306451 Duke University The name of the applicant has been altered to **Duke University; University of North Carolina**

2015

2015325052 Auris Surgical Robotics, Inc The name of the applicant has been altered to **AURIS HEALTH, INC.**

2015332413 Ball Metal Food Container, LLC The name of the applicant has been altered to **Ball Metalpack, LLC**

2016

2016209247 Inhibrx LP The name of the applicant has been altered to **Inhibrx, Inc.**

2017

2017258301 Neux Technologies, Inc. The name of the applicant has been altered to **NeuX Technologies, Inc.**

2017276404 Beijing Didi Infinity Technology and Development Co., LTD. The name of the applicant has been altered to **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.**

2017282788 Bceg Environmental Remediationco., Ltd. The name of the applicant has been altered to **BCEG Environmental Remediation Co.,Ltd**

2017904856 Newcastle University The name of the applicant has been altered to **The University of Newcastle**

2017905077 SeaChange Technology Holdings Pty Ltd The name of the applicant has been altered to **Ocean Guardian Holdings Limited**

2018

2018101692 Banks, Jaimie The name of the applicant has been altered to **Banks, J.**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Deutschland GmbH & Co. KG;
AbbVie Inc.
(11) AU-A-2018267662
(21) 2018267662 (22) 23.11.2018
(54) Anti-EGFR antibody drug conjugate formulations
(51) Int. Cl.
A61P 35/00 (2006.01)
(43) 13.12.2018
(62) 2014228172
(72) TSCHOEPE, Markus; KALETA, Katharina; KUMAR, Vineet
(74) Spruson & Ferguson

AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG
(21) 2018267662

(71) Accenture Global Solutions Limited
(11) AU-A-2018267686
(21) 2018267686 (22) 23.11.2018
(54) CONNECTED DEVICES FOR DETECTING AND RESPONDING TO EVENTS IN AN ENVIRONMENT
(51) Int. Cl.
G06Q 40/00 (2006.01)
(43) 13.12.2018
(62) 2017208327
(72) DELINSELLE, Jean-Baptiste; DUFFAUT, Pierre; VIALE, Emmanuel
(74) Murray Trento & Associates Pty Ltd

(71) Airxpanders, Inc.
(11) AU-A-2018267629
(21) 2018267629 (22) 22.11.2018
(54) Tissue Expanders, Implants, and Methods of Use
(51) Int. Cl.
A61B 5/093 (2006.01)
A61F 2/02 (2006.01)
A61F 2/12 (2006.01)
A61F 2/52 (2006.01)
A61M 29/00 (2006.01)
A61M 37/00 (2006.01)
(43) 13.12.2018
(62) 2014218714
(72) Payne, Mark F.; Han, Ryan S.; Rice, Jacob Jay; Jacobs, Eadon; Dodson, Scott Allen
(74) Spruson & Ferguson

(71) Albuainain, M.A.M.
(11) AU-A-2017258934
(21) 2017258934 (22) 10.11.2017
(54) Utilization of irrigation water saver
(51) Int. Cl.
A01G 27/06 (2006.01)
(31) GC2017-33475 (32) 25.05.17 (33) GC

(43) 13.12.2018
(72) Albuainain, Mubarak Abdulla Mubarak
(74) WADESON

(71) Alcoa USA Corp
(11) AU-A-2018267670
(21) 2018267670 (22) 23.11.2018
(54) Systems and Methods of Protecting Electrolysis Cell Sidewalls
(51) Int. Cl.
C25B 9/00 (2006.01)
C25C 7/00 (2006.01)
(43) 13.12.2018
(62) 2016247228
(72) Liu, Xinghua; Weirauch, Douglas A.; Dimilia, Robert A.; Dynys, Joseph M.; Kerkhoff, Jonell M.; Phelps, Frankie E.
(74) WRAYS PTY LTD

(71) Ancora Heart, Inc.
(11) AU-A-2018271261
(21) 2018271261 (22) 27.11.2018
(54) Devices and methods of visualizing and determining depth of penetration in cardiac tissue
(51) Int. Cl.
A61B 17/94 (2006.01)
(43) 13.12.2018
(62) 2016226023
(72) Sampson, Russel; Adam, Charles J.; Nguyen, Son; Baron, David Scott
(74) FB Rice Pty Ltd

(71) APA Electronics Co. Ltd
(11) AU-A-2017245356
(21) 2017245356 (22) 11.10.2017
(54) LED structure with wireless power driver and display thereof
(51) Int. Cl.
H02J 50/00 (2016.01)
H05B 37/00 (2006.01)
(31) 106117333 (32) 25.05.17 (33) TW
(43) 13.12.2018
(72) Huang, Hsien-Jung
(74) Spruson & Ferguson

(71) Apple Inc.
(11) AU-A-2018260958
(21) 2018260958 (22) 09.11.2018
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B60K 17/02 (2006.01)
B60K 17/12 (2006.01)
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B01D 69/12 (2006.01)
A23C 9/14 (2006.01)

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B01D 71/26 (2006.01)
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E05B 29/00 (2006.01)
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A61F 5/00 (2006.01)
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E02D 29/02 (2006.01)
E04C 1/39 (2006.01)
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G06Q 50/10 (2012.01)
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C07H 21/00 (2006.01)
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C12N 15/113 (2010.01)
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G06Q 30/02 (2012.01)
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A61K 31/702 (2006.01)
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B21B 1/085 (2006.01)
C21D 8/00 (2006.01)
C21D 9/04 (2006.01)
C22C 38/00 (2006.01)
C22C 38/60 (2006.01)
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A61B 3/00 (2006.01)
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A61F 2/16 (2006.01)
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A23D 7/06 (2006.01)
A23D 7/00 (2006.01)
A23K 20/10 (2016.01)
A23K 20/20 (2016.01)
A23L 3/3463 (2006.01)
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B25H 3/02 (2006.01)
B65D 21/02 (2006.01)

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E04B 1/76 (2006.01)
E04B 1/94 (2006.01)
E04C 1/40 (2006.01)
E04C 2/24 (2006.01)
E04F 13/074 (2006.01)
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F16B 21/04 (2006.01)
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B32B 7/02 (2006.01)
A47B 33/00 (2006.01)
B32B 5/18 (2006.01)
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E04C 2/26 (2006.01)
E04F 13/077 (2006.01)
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A61F 13/02 (2006.01)
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B29B 9/06 (2006.01)
B29B 11/16 (2006.01)
C08J 5/04 (2006.01)
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H04W 72/04 (2009.01)
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H04W 16/14 (2009.01)
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H04R 25/00 (2006.01)
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 (54) Hearing Aid Comprising an Indicator Unit
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H04R 25/00 (2006.01)
F21V 33/00 (2006.01)
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 (54) Fitting Device, System and Method for Fitting a Cochlear Implant
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A61N 1/36 (2006.01)
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F24H 1/10 (2006.01)
F24D 19/10 (2006.01)
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F24H 1/10 (2006.01)
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C12N 5/074 (2010.01)
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G08B 31/00 (2006.01)
G06F 17/00 (2006.01)
G06K 9/00 (2006.01)
G06Q 50/20 (2012.01)
G06T 7/00 (2017.01)
G08B 23/00 (2006.01)
H04N 7/18 (2006.01)
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G06F 3/048 (2006.01)
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 (54) Anti-CEACAM5 antibodies and uses thereof
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C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
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A61M 5/20 (2006.01)
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 (54) LOCKING CLIP FOR FIXING LOW VOLTAGE POWER DISTRIBUTION TERMINAL PRODUCT TO SUPPORTING DEVICE
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H01R 13/40 (2006.01)
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 (74) Madderns Patent & Trade Mark Attorneys

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B61L 23/04 (2006.01)
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 G01S 15/89 (2006.01)
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 G05D 1/02 (2006.01)

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 (21) 2018203105 (22) 03.05.2018
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 (51) Int. Cl.
 B62D 13/02 (2006.01)
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 A61F 2/44 (2006.01)

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 (54) Method for producing saccharified moromi
 (51) Int. Cl.
 C12C 7/00 (2006.01)
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 (54) ANGLE CONNECTOR FOR SUPPORTING PROFILES
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The Brigham and Women's Hospital, Inc. see Marine Polymer Technologies, Inc.
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 C40B 20/04 (2006.01)
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Applications Open to Public Inspection - Name Index cont'd

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A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 33/14 (2006.01)
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C07K 14/00 (2006.01)
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15/640,136 30.06.17 US
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-
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- Xuzhou Coal Mine Safety Equipment Manufacture Co., Ltd. see China University of Mining and Technology**

Applications Open to Public Inspection - Name Index cont'd

(21) 2017396540

(71) Xuzhou Coal Mine Safety Equipment
Manufacture Co., Ltd.; China University
of Mining and Technology

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neys

**Xuzhou Zhirun Mining Equipment Science
and Technology Co., Ltd. see China Uni-
versity of Mining and Technology**

(21) 2017396542

Numerical Index

2017203452	Episurf IP-Management AB	2018267613	Travel Caddy, Inc.
2017203466	Haass, C.	2018267614	Travel Caddy, Inc.
2017203506	LIN, K.	2018267617	AqueSys, Inc.
2017203518	Deka Australia Pty Ltd	2018267620	Lyrical Labs Video Compression Technology, LLC
2017203560	Syrah Resources Limited	2018267622	NewGen Therapeutics, Inc.
2017203563	Kemin Industries, Inc.	2018267624	C.S. Gent & Sons Ltd
2017203564	Munce, M.	2018267625	Ionis Pharmaceuticals, Inc.
2017204430	Gear 23, Inc.	2018267627	Johnson & Johnson Surgical Vision, Inc.
2017213576	TILTA INC.	2018267629	Airxpanders, Inc.
2017235926	Bourgault Industries Ltd.	2018267631	Bioverativ Therapeutics Inc.; Puget Sound Blood Center
2017245356	APA Electronics Co. Ltd	2018267632	Mallinckrodt Hospital Products IP Limited
2017258882	The University of Queensland	2018267633	Cornell University
2017258934	Albuainain, M.A.M.	2018267634	Fisher & Paykel Healthcare Limited
2017265090	Nice Glass, LLC	2018267636	Sanofi
2017279806	Saltor Pty Ltd	2018267637	HeartFlow, Inc.
2017391883	Universite de Nantes; ARMOR; Centre national de la recherche scientifique	2018267643	Better Homes Queensland Pty Ltd
2017396540	China University of Mining and Technology; Xuzhou Coal Mine Safety Equipment Manufacture Co., Ltd.	2018267644	Nokia Solutions and Networks Oy
2017396541	Xuzhou Coal Mine Safety Equipment Manufacture Co., Ltd.; China University of Mining and Technology	2018267645	View, Inc.
2017396542	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd.	2018267646	Litestone Holdings Pty Limited
2017405992	iRobot Corporation	2018267646	Canon Kabushiki Kaisha
2018202358	Dometic Sweden AB	2018267647	Hanmi Pharm, Co., Ltd.
2018202418	Paloma Co., Ltd	2018267648	BADMAEV, V.
2018202419	Paloma Co., Ltd	2018267649	Jennewein Biotechnologie GmbH
2018202451	Electronic Controls Company; Sungju Sound Corp.	2018267652	Bayer HealthCare LLC
2018202651	UMC Utrecht Holding B.V.	2018267653	MILWAUKEE ELECTRIC TOOL CORPORATION
2018202730	Otis Elevator Company	2018267655	AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
2018202826	Siemens Industry, Inc.	2018267662	Dolby International AB
2018202896	The Boeing Company	2018267665	CRISI Medical Systems, Inc.
2018202907	Biosense Webster (Israel) Ltd.	2018267666	Owens-Brockway Glass Container Inc.
2018202996	EPIPLANTA BIOTECH LTD.	2018267667	Beth Israel Deaconess Medical Center, Inc.; Janssen Vaccines & Prevention B.V.
2018203105	Spark, I.	2018267669	Alcoa USA Corp
2018203174	Illinois Tool Works Inc.	2018267670	ResMed Limited
2018203267	DODD SERVICES PTY LTD	2018267671	Aristocrat Technologies Australia Pty Limited
2018203324	Caterpillar Inc.	2018267672	Bajwa, K.
2018203356	Syma Intercontinental AG	2018267673	Intuit Inc.
2018203390	L. & A. Fazzini Manufacturing Pty Ltd	2018267674	Implantica Patent Ltd
2018203446	Biosense Webster (Israel) Ltd.	2018267675	Honda Motor Co., Ltd.
2018203526	Hunter Douglas Inc.	2018267676	BLUESCOPE STEEL LIMITED
2018203535	Schneider Electric Industries SAS	2018267679	Facebook, Inc.
2018203536	Oticon Medical A/S	2018267680	Facebook, Inc.
2018203589	Oticon Medical A/S	2018267681	Samsung Electronics Co., Ltd.
2018203596	Oticon Medical A/S	2018267682	Westfaelische Wilhelms-Universitaet Muenster
2018203604	UFP Holdings Pty Ltd	2018267685	Accenture Global Solutions Limited
2018203644	Ineson, M.; Ineson, L.	2018267686	Apple Inc.
2018203645	Timber Inventions Pty Ltd	2018271226	Concert Pharmaceuticals, Inc.
2018203654	FORD, S.	2018271227	TGOMA NZ LIMITED
2018203655	Terex GB Limited	2018271228	Sanofi-Aventis Deutschland GmbH
2018203656	Terex GB Limited	2018271229	Aurigene Discovery Technologies Limited
2018203657	Terex GB Limited	2018271231	Qubole, Inc.
2018203667	STRYKER EUROPEAN HOLDINGS I, LLC	2018271232	Davies, L.C.
2018203701	Robert Bosch (Australia) Pty Ltd	2018271234	Aurigene Discovery Technologies Limited
2018203705	HeartSine Technologies Limited	2018271235	JFE Steel Corporation
2018260922	Mastercard International Incorporated	2018271236	Softbank Robotics Europe
2018260958	Apple Inc.	2018271237	Dai Nippon Printing Co., Ltd.
2018263979	Hydroxsys Holdings Limited	2018271238	Marine Polymer Technologies, Inc.; The Brigham and Women's Hospital, Inc.
2018264058	Highlife SAS	2018271240	Interactive Intelligence, Inc.
2018264061	Boehringer Ingelheim Vetmedica GmbH	2018271242	Suntory Holdings Limited
2018267539	Trustees of Tufts College	2018271250	TNBT Holdings Pty Limited
2018267542	Takeda Vaccines, Inc.	2018271251	iSelect Ltd
2018267545	BRISTOL-MYERS SQUIBB COMPANY	2018271252	Keter Plastic Ltd.; Milwaukee Electric Tool Corporation
2018267570	Carbon Energy Limited	2018271253	SALK INSTITUTE FOR BIOLOGICAL STUDIES
2018267609	Aptevo Research and Development LLC	2018271254	The Regents of the University of Colorado, A Body Corporate
2018267610	Victaulic Company	2018271257	Ancora Heart, Inc.
		2018271261	CFPH, LLC
		2018271262	BGC Partners, Inc

Applications Open to Public Inspection - Numerical Index cont'd

2018271265 Intelligent Synthetic Biology Center

IPC Index

A01B 49 /- 2017235926	A61B 1 /- 2018202907	A61M 15 /- 2018264061	B03D 1 /- 2017203560	C03B 3 /- 2018267667	C11B 5 /- 2017203563
A01C 5 /- 2017235926 2018267624	A61B 17 /- 2017203452 2018202651 2018271261	A61M 16 /- 2018267634 2018267671 2018271234	B21B 1 /- 2018271236	C03B 5 /- 2018267667	C12C 13 /- 2018271250
A01C 7 /- 2017235926 2018267624	A61B 3 /- 2018267627	A61M 27 /- 2018271240	B25B 13 /- 2018267655	C07B 59 /- 2018271227	C12C 7 /- 2018271250
A01G 27 /- 2017258934	A61B 5 /- 2018267629 2018267673	A61M 29 /- 2018267629	B25H 3 /- 2018271253	C07D 237 /- 2018267545	C12N 15 /- 2018202996 2018267625 2018267631 2018267669 2018271257
A01H 5 /- 2018202996	A61D 7 /- 2018264061	A61M 37 /- 2018267629	B29B 11 /- 2017265090	C07D 271 /- 2018271231	C12N 5 /- 2018271254
A01N 63 /- 2018271257	A61F 13 /- 2017204430 2018271240	A61M 5 /- 2018267666 2018271229	B29B 9 /- 2017265090	C07D 273 /- 2018271235	C12P 21 /- 2018267653
A23C 9 /- 2018263979	A61F 2 /- 2018203667 2018264058 2018267627 2018267629 2018267675	A61N 1 /- 2018203596 2018203705	B32B 19 /- 2018267646	C07D 285 /- 2018271231 2018271235	C12Q 1 /- 2018267633
A23D 7 /- 2017203563	A61F 5 /- 2018267675	A61P 1 /- 2018267652	B32B 5 /- 2018267646	C07D 401 /- 2018267545	C21D 8 /- 2018271236
A23K 20 /- 2017203563	A61F 9 /- 2018267617	A61P 29 /- 2018267545	B32B 7 /- 2018267646	C07D 403 /- 2018267545	C21D 9 /- 2018271236
A23L 3 /- 2017203563	A61K 31 /- 2018267545 2018267622 2018267652 2018271227 2018271231 2018271235 2018271265	A61P 3 /- 2018267649	B41M 5 /- 2018271238	C07D 413 /- 2018267545	C22C 38 /- 2018271236
A23L 33 /- 2017203563 2018267652	A61K 36 /- 2018267649	A61P 31 /- 2018267539 2018267542 2018267609	B60H 1 /- 2018202358	C07D 417 /- 2018267545	C25B 9 /- 2018267670
A41D 1 /- 2017204430	A61K 38 /- 2017258882	A61P 33 /- 2017258882	B60K 17 /- 2018267678	C07D 487 /- 2018271227	C25C 7 /- 2018267670
A41D 13 /- 2017204430	A61K 39 /- 2017258882 2018267542 2018267609 2018267636 2018267669	A61P 35 /- 2018267609 2018267636 2018267662 2018271227 2018271265	B60L 23 /- 2018202826	C07H 21 /- 2018267625 2018267653	C40B 20 /- 2018271257
A41D 27 /- 2017204430	A61K 48 /- 2018267625	A61P 37 /- 2017258882	B62D 12 /- 2018203105	C07H 3 /- 2018267652	C40B 30 /- 2018271257
A41D 7 /- 2017204430	A61K 44 /- 2018267625	A61P 39 /- 2018267649 2018271240	B62D 13 /- 2018203105	C07K 14 /- 2017258882 2018267539 2018267609 2018267625 2018267648 2018267653 2018267685	C40B 40 /- 2018271257
A45C 13 /- 2018267613 2018267614	A61L 2 /- 2018203446	A61P 39 /- 2017258882	B65B 55 /- 2018203446	C07H 21 /- 2018267625 2018267653	E02D 29 /- 2018203644
A47B 13 /- 2017203506	A61L 27 /- 2018267539	A61P 39 /- 2017258882	B65D 21 /- 2018271253	C07H 3 /- 2018267652	E02F 9 /- 2018203324
A47B 3 /- 2017203506	A61M 1 /- 2018267632 2018271240	A61P 39 /- 2017258882	B65G 21 /- 2018203655 2018203656	C07K 16 /- 2017258882 2018267609 2018267636	E04B 1 /- 2018203390 2018203604 2018203645
A47B 33 /- 2018267646		A61P 39 /- 2017258882	B65G 41 /- 2018203657	C07K 19 /- 2018267685	E04B 2 /- 2018203645 2018203654
A47G 9 /- 2018267673		A61P 39 /- 2017258882	B65G 43 /- 2017396542	C07K 9 /- 2017258882	E04C 1 /- 2018203390 2018203644
A47J 37 /- 2018203267		A61P 39 /- 2017258882	B66B 11 /- 2017396540	C08J 5 /- 2017265090	E04C 2 /- 2018203390 2018203654 2018267646
A47L 11 /- 2017405992		A61P 39 /- 2017258882	B66B 5 /- 2017396541	C09K 15 /- 2017203563	
		B01D 67 /- 2018263979	B66B 7 /- 2018202730		

Applications Open to Public Inspection - IPC Index cont'd

<u>E04C 3 /-</u> 2018203645	<u>G01F 1 /-</u> 2018267666	<u>G06Q 50 /-</u> 2017279806 2018267643
<u>E04D 13 /-</u> 2018267679	<u>G01J 5 /-</u> 2018202896	2018267674 2018267680 2018267681
<u>E04F 13 /-</u> 2018203390 2018267646	<u>G01N 3 /-</u> 2018267673	<u>G06Q 90 /-</u> 2018271252
<u>E04G 11 /-</u> 2018203654	<u>G01S 15 /-</u> 2018271237	<u>G06T 7 /-</u> 2017279806 2018267620
<u>E04G 21 /-</u> 2017203466	<u>G01S 5 /-</u> 2018203701	<u>G07F 17 /-</u> 2018267672
<u>E04H 17 /-</u> 2017203466	<u>G02F 1 /-</u> 2018267645	<u>G08B 23 /-</u> 2017279806
<u>E05B 29 /-</u> 2018203174	<u>G03B 13 /-</u> 2017213576	<u>G08B 31 /-</u> 2017279806
<u>E05B 3 /-</u> 2018271251	<u>G03G 15 /-</u> 2018267647	<u>G09G 5 /-</u> 2018271226
<u>E06B 9 /-</u> 2018203526	<u>G03G 21 /-</u> 2018267647	<u>G10L 15 /-</u> 2018271242
<u>E21B 29 /-</u> 2018267570	<u>G05D 1 /-</u> 2018271237	<u>H01L 31 /-</u> 2018267679
<u>F04D 25 /-</u> 2017203518	<u>G05D 3 /-</u> 2018203324	<u>H01M 4 /-</u> 2017391883
<u>F04D 29 /-</u> 2017203518	<u>G05D 7 /-</u> 2018267666	<u>H01R 13 /-</u> 2018203535
<u>F16B 12 /-</u> 2017203506	<u>G06F 15 /-</u> 2018267681	<u>H02B 1 /-</u> 2018203535
<u>F16B 21 /-</u> 2017203506	<u>G06F 17 /-</u> 2017279806 2018260958 2018267643	<u>H02J 50 /-</u> 2017245356
<u>F16B 5 /-</u> 2018203356	<u>G06F 19 /-</u> 2018267637	<u>H04L 5 /-</u> 2018267644
<u>F16L 19 /-</u> 2018267610	<u>G06F 3 /-</u> 2018267682 2018271226	<u>H04N 7 /-</u> 2017279806
<u>F16L 21 /-</u> 2018267610	<u>G06F 7 /-</u> 2018271232	<u>H04R 1 /-</u> 2018202451
<u>F21V 33 /-</u> 2018203589	<u>G06K 7 /-</u> 2018203701	<u>H04R 25 /-</u> 2018203536 2018203589
<u>F24D 19 /-</u> 2018202418	<u>G06K 9 /-</u> 2017279806	<u>H04S 3 /-</u> 2018267665
<u>F24F 13 /-</u> 2018202358	<u>G06Q 10 /-</u> 2018267643 2018271252	<u>H04W 16 /-</u> 2018267644
<u>F24H 1 /-</u> 2018202418 2018202419	<u>G06Q 20 /-</u> 2018260922	<u>H04W 48 /-</u> 2018271262
<u>F24H 9 /-</u> 2018202418	<u>G06Q 30 /-</u> 2018271252	<u>H04W 72 /-</u> 2018267644
<u>F25D 17 /-</u> 2018202358	<u>G06Q 40 /-</u> 2018267686 2018271264	<u>H05B 37 /-</u> 2017245356
<u>G01B 3 /-</u> 2018267673		<u>No IPC Mark</u>

Innovation Patents Open to Public Inspection

Name Index

. (*) Title not in Roman characters
 . (**) Title not given
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<p>(71) Bared Pty Ltd (11) AU-A-2018101680 (21) 2018101680 (22) 13.11.2018 (54) Footwear kit (51) Int. Cl. <i>A43B 17/02</i> (2006.01) <i>A43B 17/18</i> (2006.01) (45) 13.12.2018 (72) Baird, Anna (74) Davies Collison Cave Pty Ltd</p>	<p>(71) BUBBA BLUE PTY LTD (11) AU-A-2018101516 (21) 2018101516 (22) 30.08.2018 (54) Bubba Blue Breathe Easy Infant Head Rest (51) Int. Cl. <i>A47D 13/08</i> (2006.01) <i>A47D 15/00</i> (2006.01) (45) 13.12.2018 (72) Cheng, Jay (74) BUBBA BLUE PTY LTD</p>	<p>Dickinson, R. see Carroll, D. (21) 2018101612</p> <p>(71) DYWIDAG-Systems International Pty Limited (11) AU-A-2018101679 (21) 2018101679 (22) 09.11.2018 (54) Rock bolt assembly (51) Int. Cl. <i>E21D 21/00</i> (2006.01) <i>E21D 20/02</i> (2006.01) (31) 2017905011 (32) 14.12.17 (33) AU (45) 13.12.2018 (72) Walker, Roland Christopher (74) Spruson & Ferguson</p>
<p>(71) Battelle Memorial Institute (11) AU-A-2018101672 (21) 2018101672 (22) 08.11.2018 (54) PORTABLE COUNTERMEASURE DEVICE AGAINST UNMANNED SYSTEMS (51) Int. Cl. <i>H04K 3/00</i> (2006.01) (45) 13.12.2018 (62) 2016325606 (72) MORROW, C. Alexander; STAMM, Daniel E.; WELSH, Raphael Joseph (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>	<p>(71) Carroll, D.; Dickinson, R. (11) AU-A-2018101612 (21) 2018101612 (22) 26.10.2018 (54) A belt (51) Int. Cl. <i>A41F 9/02</i> (2006.01) (31) 2017904361 (32) 27.10.17 (33) AU (45) 13.12.2018 (72) Carroll, Dion; Dickinson, Rebecca (74) IP SOLVED (ANZ) PTY. LTD.</p>	<p>(71) Havencord Pty Ltd (11) AU-A-2018101637 (21) 2018101637 (22) 31.10.2018 (54) Mobile lighting system (51) Int. Cl. <i>F21V 21/36</i> (2006.01) <i>B66F 11/04</i> (2006.01) <i>F21W 131/10</i> (2006.01) <i>F21W 131/40</i> (2006.01) (45) 13.12.2018 (72) Connor, Paul (74) Allens Patent & Trade Mark Attorneys</p>
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G06Q 50/26 (2012.01)
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(74) Madderns Patent & Trade Mark Attorneys

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G06F 17/17 (2006.01)
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(74) Madderns Patent & Trade Mark Attorneys

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(51) Int. Cl.
G06Q 10/08 (2012.01)
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(72) Shah, Pritam Gajkumar
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(54) An activated carbon nozzle
(51) Int. Cl.
B01D 53/10 (2006.01)

B01D 53/64 (2006.01)
B01D 53/72 (2006.01)
B01D 53/83 (2006.01)
B05B 1/06 (2006.01)
B05B 1/34 (2006.01)
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(54) APPARATUS AND METHOD FOR PREPARING MULTI#COMPONENT ALLOY FILM
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(74) Baxter Patent Attorneys Pty Ltd

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(54) Analogist
(51) Int. Cl.
G06Q 90/00 (2006.01)
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(72) Pandey, Pramod
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(11) AU-A-2018101509
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 MAN, Christopher Graham
 (74) Watermark Intellectual Property Pty Ltd

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 DEHYDRATION (SPECIFIC GRAVITY)
 We Test®: Dehydration The users ex-
 pectorate on a reagent which changes
 colour dependent upon their hydration
 levels.
 (51) Int. Cl.
G01N 33/52 (2006.01)
A61B 5/00 (2006.01)
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 Game Training Deep Q-Network
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G01N 33/50 (2006.01)
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 constant flow rate
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 He, Qiaohua; Zhang, Helong; Lu, Jin;
 Zhang, Hangsheng; Xie, Juanke; Yin,
 Baoli; Chang, Qiong
 (74) Shelston IP Pty Ltd.

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 (54) A hygroscopic cake
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 vices

Numerical Index

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2018101516 BUBBA BLUE PTY LTD
2018101556 Northwest Institute of Plateau Biology, Chinese Academy of Sciences
2018101559 Xie, X.
2018101596 Huang, Y.; Presee Biotechnology Co., Ltd.
2018101597 Multisteps Pty Ltd
2018101602 WE TEST PTY LTD
2018101606 Northwest Institute of Plateau Biology, Chinese Academy of Sciences
2018101612 Carroll, D.; Dickinson, R.
2018101637 Havencord Pty Ltd
2018101645 Shah, P.G.; JAIN (Deemed-to-be-University)
2018101662 Rizkalla, G.
2018101663 Shanghai Sunson Activated Carbon Technology Co., Ltd
2018101664 Chen, W.Y.
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2018101666 Apple Inc.
2018101667 Summers, A.
2018101668 MARARLEE PTY LTD
2018101669 Bernard, R.F.; McDonald, J.T.
2018101670 Stuart, M.
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2018101675 Zhuhai Hermesin Enterprises CO.,LTD
2018101676 Tradestylus Pty Ltd
2018101677 The Academy of Opto-electronics, Chinese Academy of Sciences
2018101679 DYWIDAG-Systems International Pty Limited
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IPC Index

<u>A41F 9 /-</u>	<u>B65D 21 /-</u>	<u>G06F 19 /-</u>
2018101612	2018101597	2018101606
<u>A43B 17 /-</u>	<u>B65G 15 /-</u>	<u>G06F 21 /-</u>
2018101680	2018101509	2018101645 2018101669
<u>A45C 13 /-</u>	<u>B66F 11 /-</u>	<u>G06Q 10 /-</u>
2018101671	2018101637	2018101662
<u>A45C 5 /-</u>	<u>C12N 5 /-</u>	<u>G06Q 30 /-</u>
2018101671	2018101596	2018101662
<u>A47D 13 /-</u>	<u>C12Q 1 /-</u>	<u>G06Q 50 /-</u>
2018101516	2018101559	2018101668
<u>A47D 15 /-</u>	<u>C23C 14 /-</u>	<u>G06Q 90 /-</u>
2018101516	2018101677	2018101676
<u>A61B 17 /-</u>	<u>E05D 11 /-</u>	<u>H04K 3 /-</u>
2017101836	2018101670	2018101672 2018101673
<u>A61B 5 /-</u>	<u>E05D 7 /-</u>	<u>H04L 12 /-</u>
2018101559 2018101602	2018101670	2018101668
<u>A61K 36 /-</u>	<u>E06C 1 /-</u>	<u>H04L 9 /-</u>
2018101556	2018101664 2018101665	2018101669
<u>A61K 39 /-</u>	<u>E06C 7 /-</u>	<u>H04W 4 /-</u>
2018101596	2018101664 2018101665	2018101666
<u>A61P 1 /-</u>	<u>E21D 20 /-</u>	<u>No IPC Mark</u>
2018101596	2018101679	
<u>A61P 3 /-</u>	<u>E21D 21 /-</u>	
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<u>A61P 31 /-</u>	<u>F21V 21 /-</u>	
2018101596	2018101637	
<u>A61P 35 /-</u>	<u>F21W 131 /-</u>	
2018101596	2018101637	
<u>B01D 53 /-</u>	<u>G01N 21 /-</u>	
2018101663 2018101675	2018101606	
<u>B05B 1 /-</u>	<u>G01N 33 /-</u>	
2018101663	2018101559 2018101602	
<u>B63B 22 /-</u>	<u>G06F 17 /-</u>	
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Name Index

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 (51) Int. Cl.
C11B 1/10 (2006.01)
A61K 8/06 (2006.01)
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 (74) LAMINAR IP PTY LTD
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 unit and method
 (51) Int. Cl.
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A61K 31/415 (2006.01)
A61K 31/44 (2006.01)
A61K 31/519 (2006.01)
A61P 3/00 (2006.01)
A61P 19/04 (2006.01)
C07D 231/12 (2006.01)
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G07C 9/00 (2006.01)
F16P 3/14 (2006.01)
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A01N 25/00 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)

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A61K 47/32 (2006.01)
A61K 47/34 (2006.01)
A61K 47/38 (2006.01)
A61P 1/00 (2006.01)
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F24D 10/00 (2006.01)
F25B 25/00 (2006.01)
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A61K 38/02 (2006.01)
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A61P 35/00 (2006.01)
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C07K 14/005 (2006.01)
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C12M 1/42 (2006.01)
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A61P 3/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 31/00 (2006.01)
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- (71) Zambon S.p.A.
 (11) AU-A-2017262701
 (21) 2017262701 (22) 08.05.2017
 (54) Method, communication system and computer program for providing information indicative of concentration of allergens in the environment
 (51) Int. Cl.
G06F 19/00 (2006.01)
 (87) WO2017/194447
 (31) 102016000048486 (32) 11.05.16 (33) IT
 (43) 16.11.2017
 (72) Muzio, Massimiliano
 (74) Murray Trento & Associates Pty Ltd
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 (21) 2017281590 (22) 22.06.2017
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 (51) Int. Cl.
C01D 5/12 (2006.01)
C01D 3/04 (2006.01)
C01D 3/08 (2006.01)
C01D 5/06 (2006.01)
C01D 5/10 (2006.01)
C01D 5/16 (2006.01)
C05D 1/02 (2006.01)
 (87) WO2017/220709
 (31) 20161061 (32) 24.06.16 (33) NO
 (43) 28.12.2017
 (72) Chastain, Richard W.; Buckhurst, Ingrid T.; Lefavre, Antoine; Neuman, Thomas H.
 (74) Griffith Hack
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- (71) Yuhan Corporation
 (11) AU-A-2017256464
 (21) 2017256464 (22) 19.04.2017
 (54) Fusion protein comprising CCL3 variant and use thereof cross-reference to related applications
 (51) Int. Cl.
C07K 14/52 (2006.01)
A61K 38/19 (2006.01)
A61K 47/50 (2017.01)
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 (43) 02.11.2017
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 (74) FB Rice Pty Ltd
-
- (71) Zambon S.p.A.
 (11) AU-A-2017262701
 (21) 2017262701 (22) 08.05.2017
 (54) Method, communication system and computer program for providing information indicative of concentration of allergens in the environment
 (51) Int. Cl.
G06F 19/00 (2006.01)
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 (31) 102016000048486 (32) 11.05.16 (33) IT
 (43) 16.11.2017
 (72) Muzio, Massimiliano
 (74) Murray Trento & Associates Pty Ltd
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- (71) Zambon S.p.A.
 (11) AU-A-2017272621
 (21) 2017272621 (22) 30.05.2017
 (54) Pharmaceutical compositions comprising safinamide
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
A61K 9/50 (2006.01)
A61K 31/165 (2006.01)
 (87) WO2017/207587
 (31) 102016000056247 (32) 31.05.16 (33) IT
 (43) 07.12.2017
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 (74) Griffith Hack
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- (71) Zeno Royalties & Milestones, LLC
 (11) AU-A-2017269335
 (21) 2017269335 (22) 24.05.2017
 (54) EGFR inhibitor compounds
 (51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/404 (2006.01)
A61P 35/00 (2006.01)
C07D 209/04 (2006.01)
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 (31) 62/342,141 (32) 26.05.16 (33) US
 (43) 30.11.2017
 (72) Bunker, Kevin Duane; Huang, Peter Qinhua; Abraham, Sunny; Pinchman, Joseph Robert; Hopkins, Chad Daniel; Slee, Deborah Helen
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 (11) AU-A-2017283630
 (21) 2017283630 (22) 16.06.2017
 (54) Soft tissue balancing in articular surgery
 (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 5/00 (2006.01)
A61B 17/16 (2006.01)
A61B 17/56 (2006.01)
A61B 17/88 (2006.01)
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
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 (31) 62/501,585 (32) 04.05.17 (33) US
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 62/375,049 15.08.16 US
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 (43) 21.12.2017
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 (11) AU-A-2017258245
 (21) 2017258245 (22) 25.01.2017
 (54) Pyrolysis furnace with external heating for processing solid carbon-containing materials (variants)
 (51) Int. Cl.
F27B 7/08 (2006.01)
 (87) WO2017/186253

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

(31) 201600392 (32) 26.04.16 (33) EA
(43) 02.11.2017
(72) Zhdanok, Vitali Aleksandrovich
(74) Watermark Intellectual Property Pty Ltd

Numerical Index

2016400807	Komatsu Ltd.	2017257657	Raytheon Company
2016403554	iGeneTech Biotech (Beijing) Co., Ltd.	2017257665	Smiths Medical ASD, Inc.
2016404369	Quintessensia LLC.	2017257847	Duvall, G.
2016404622	Softbank Robotics Europe	2017257870	PerkinElmer Health Sciences, Inc.
2016404807	Stone, D.	2017257978	Gen-Probe Incorporated
2016404808	Thompson, A.	2017258032	Sun Yat-Sen University
2016405227	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG; IHFood A/S	2017258145	Medshine Discovery Inc.
2016405864	Tsubo Solutions Pty Ltd	2017258245	Термодер С.Р.О. Thermodeg S.R.O.
2016405921	Huawei Technologies Co., Ltd.	2017258264	LG Electronics Inc.
2016406185	Alfred Kärcher SE & Co. KG	2017258284	Innovationcooperative3d, Llc
2016406586	Huawei Technologies Co.,Ltd.	2017258291	VisCardia, Inc.
2016407377	Satina Medical UG (haftungsbeschränkt)	2017258306	VisCardia, Inc.
2016407744	Ben, I.	2017258318	VisCardia, Inc.
2016407955	Profeat Biotechnology Co., Ltd.	2017258697	Merck Patent GmbH
2016408304	Attest Research Sdn Bhd	2017259027	Pi-Design AG
2016408327	Razer (Asia-Pacific) Pte. Ltd.	2017259702	BASF SE
2016408416	Lockheed Martin Energy LLC	2017259821	Abilita Bio, Inc.
2016409885	Apple Inc.	2017259988	SQZ Biotechnologies Company
2016409888	Apple Inc.	2017260003	Ionis Pharmaceuticals, Inc.; Astrazeneca AB
2016410370	Micro Motion, Inc.	2017260021	Motif Biosciences Inc.
2016410613	Colgate-Palmolive Company	2017260143	Mayr-Melnhof Karton AG
2016411225	Sandvik Intellectual Property AB	2017260240	Quanta Associates, L.P.
2016411988	Synthes GmbH	2017260297	Egidio Galbani S.r.l.
2016412538	Essity Hygiene and Health Aktiebolag	2017260298	B.C.I. Pharma
2016412539	Essity Hygiene and Health Aktiebolag	2017260305	Esteve Pharmaceuticals, S.A.
2016413503	Sandvik Mining and Construction OY	2017260347	Theia Group, Incorporated
2016413544	O&M Halyard International Unlimited Company	2017260460	H. Lee Moffitt Cancer Center and Research Institute, Inc.; University of South Florida
2016414700	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017260474	Choi, L.; Choi, J.
2016414788	Halliburton Energy Services, Inc.	2017260572	DMC Industries Pty Ltd
2016415075	Guangdong Institute Of Materials And Processing	2017260598	Redwood Plastics and Rubber Corp.
2016415548	Halliburton Energy Services, Inc.	2017260752	Gharda, K.H.
2016416176	Qualcomm Incorporated	2017260775	Egidio Galbani S.r.l.
2016418517	Halliburton Energy Services, Inc.	2017260779	Egidio Galbani S.r.l.
2016419455	Mitsubishi Electric Corporation	2017260799	Mithra Pharmaceuticals S.A.
2016420272	Mitsubishi Electric Corporation	2017260806	Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca; Luxembourg Institute of Health (LIH); Institut De Recerca Biomèdica De Lleida Fundació Dr. Pifarré
2016424708	ABB Schweiz AG	2017261222	Cardiac Pacemakers, Inc.
2016428856	Telefonaktiebolaget LM Ericsson (publ)	2017261225	Spectrix Therapeutics, LLC
2017218615	Synthon Biopharmaceuticals B.V.	2017261257	Eaton Intelligent Power Limited
2017253505	Renewable Hydrocarbons Ltd	2017261283	Children's Hospital & Research Center at Oakland
2017254789	Nanogrid Limited.(HK)	2017261317	Liquidia Technologies, Inc.
2017255086	Nippon Chemiphar Co., Ltd.; Kyushu University, National University Corporation	2017261338	Gambro Lundia AB; Wellings, A.
2017255209	LG Electronics Inc.	2017261342	Gambro Lundia AB; Szpara, Edward
2017255561	Informatica LLC	2017261346	Gambro Lundia AB; Fitzgerald, J.
2017255566	Pensak, D.	2017261361	Altitude Medical, Inc.
2017255970	Biomunex Pharmaceuticals; Inserm (Institut National De La Santé Et De La Recherche Médicale); Universite De Montpellier; Institut Regional Du Cancer De Montpellier (ICM)	2017261371	TARIS Biomedical LLC
2017256180	Druggability Technologies IP Holdco Limited	2017261684	Oslo universitetssykehus HF
2017256182	Druggability Technologies IP Holdco Limited	2017261838	Aerofloat (Holdings) Pty Ltd
2017256184	Druggability Technologies IP Holdco Limited	2017261847	Medlab IP Pty Ltd
2017256269	Daikin Industries, Ltd.	2017262404	Hellberg Safety AB
2017256464	Yuhan Corporation	2017262479	Kimberly-Clark Worldwide, Inc.
2017256477	LG Electronics Inc.	2017262618	Megasus Horsetech GmbH
2017256642	Electrical Subsea & Drilling AS	2017262640	Munters Corporation
2017256698	Temisis	2017262701	Zambon S.p.A.
2017256914	Lubuag Ltd	2017262734	MedImmune, LLC
2017257191	Inovio Pharmaceuticals, Inc.	2017262760	Baker Hughes, a GE Company, LLC.
2017257252	Afton Chemical Corporation	2017263174	Instituto de Medicina Molecular
2017257258	Artsyukhovich, A.	2017263178	medFit Beratungs-Und Beteiligungsges.m.b.H
2017257398	Simic, M.	2017263303	Ohana Lubelchick, P.
2017257417	Vtip Sàrl	2017263319	Human Longevity, Inc.
2017257494	Gelesis, LLC.	2017263462	Cumberland Pharmaceuticals, Inc.; Vanderbilt University
2017257496	Signpath Pharma, Inc.	2017263539	Magnetic Variation Services LLC
2017257579	Yale University	2017263543	Ohio State Innovation Foundation
		2017263620	Meiji Co., Ltd.
		2017263802	Tyto Care Ltd.

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

2017264537	Klare, S.	2017270116	Bangor University
2017264541	Ares Trading S.A.	2017270195	Vital Signs, Inc.
2017264553	Ucb Biopharma Sprl	2017270207	3d Biopsy, Inc.
2017264693	Sarkissian, S.M.	2017270359	Ipsen Biopharm Limited
2017264715	RKM	2017270485	Universidad del País Vasco; Administración General de la Comunidad Autónoma de Euskadi
2017264750	Cambridge Enterprise Limited; The Sydney Children's Hospitals Network (Randwick and Westmead)	2017270486	Unirain, S.A.
2017264754	Genentech, Inc.	2017270574	Uber Technologies, Inc.
2017264777	REG Synthetic Fuels, LLC	2017270576	Garnick, M.B.
2017264947	MBL International Corp.	2017270651	Saipem S.A.
2017265347	Winnoz Technology, Inc	2017270665	Saipem S.A.
2017265383	Piqur Therapeutics AG; Universitat Basel	2017270716	Toppan Printing Co., Ltd.
2017265469	ALMAG S.p.A.	2017270959	Lee, C.
2017265839	SK Biopharmaceuticals Co., Ltd.	2017271145	Ecole Polytechnique Federale de Lausanne (EPFL)
2017266268	Nisshin Steel Co., Ltd.	2017271169	LG Electronics Inc.
2017266441	Vuly IP Holdings No. 2 Pty Ltd	2017271254	RAI Strategic Holdings, Inc.
2017266448	Braddell Limited	2017271297	Electrical Subsea & Drilling AS
2017266468	Ospedale San Raffaele S.r.l.; Fondazione Telethon	2017271298	EQUINOR ENERGY AS
2017266491	Electro Expo Limited	2017271362	R. J. Reynolds Tobacco Company
2017266550	Tecres S.p.A.	2017271372	Grip Holdings LLC
2017266608	Telefonaktiebolaget LM Ericsson (publ)	2017271487	Adama Makhteshim Ltd.
2017267068	University of Copenhagen; Sjællands Universitetshospital	2017271491	Mybiotics Pharma Ltd.
2017267098	Voestalpine Böhler Edelstahl GmbH & Co Kg	2017271508	Sharkninja Operating LLC
2017267160	SK Biopharmaceuticals Co., Ltd.	2017271579	Caris Science, Inc.
2017267172	UCB Biopharma SPRL	2017271593	Altor Bioscience Corporation
2017267180	THALES	2017271601	AbbVie Biotherapeutics Inc.
2017267184	Dietrich, D.	2017271602	AbbVie Biotherapeutics Inc.
2017267245	Pultron Composites Limited	2017271613	Trividia Health, Inc.
2017267591	Alberts NV	2017271678	SyntheX, Inc.
2017267622	University of Florida Research Foundation, Inc.	2017271731	Sumitomo Electric Industries, Ltd.
2017267740	The Catholic University of America	2017271946	Wayne Fueling Systems LLC
2017267793	Harpoon Therapeutics, Inc.	2017271968	Innospec Active Chemicals LLC
2017267969	Stealth Biotherapeutics Corp	2017271998	Streamingedge Inc.
2017268234	Genentech, Inc.	2017272010	3M Innovative Properties Company
2017268248	President and Fellows of Harvard College	2017272079	JPMorgan Chase Bank, N.A.
2017268377	University of Iowa Research Foundation; Karl Leibinger Medizintechnik GmbH & Co Kg.	2017272101	Amgen Inc.
2017268460	Harpoon Therapeutics, Inc.	2017272104	The Board of Trustees of the Leland Stanford Junior University
2017268707	Ivex Pty Ltd	2017272341	Aerovironment, Inc.
2017268717	Frydenberg, H.	2017272344	Sanofi Pasteur Inc.
2017268718	Claeys, S.C.R.; Claeys, L.L.J.; Claeys, N.E.P.	2017272406	Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts, Universitätsmedizin
2017268719	Claeys, S.C.R.; Claeys, L.L.J.; Claeys, N.E.P.	2017272621	Zambon S.p.A.
2017268720	Claeys, S.C.R.; Claeys, L.L.J.; Claeys, N.E.P.	2017272721	Astellas Pharma Inc.; National University Corporation Tottori University
2017268822	Etubics Corporation; Nant Holdings IP, LLC; NantCell, Inc.	2017272760	Toray Industries, Inc.
2017268842	Aadigen, LLC	2017272761	Toray Industries, Inc.
2017269046	Eb Ip Hybritabs B.v.	2017272788	Husqvarna AB
2017269050	In Ovo B.v.	2017272804	MedImmune Limited
2017269064	Combi Wear Parts AB	2017272860	Danstar Ferment AG
2017269088	Sembcorp Marine Integrated Yard Pte. Ltd.	2017272890	Avexin AS
2017269142	Twisted Sun Innovations, Inc.	2017272957	UPM-Kymmene Corporation
2017269145	Corning Optical Communications LLC	2017273109	BAE Systems plc
2017269175	Corning Optical Communications LLC	2017273124	NuCan PLC
2017269203	CNH Industrial America LLC	2017273245	National Oilwell Varco Norway AS
2017269291	Invista Textiles (U.K.) Limited	2017273246	Advanced Hydrocarbon Mapping AS
2017269335	Zeno Royalties & Milestones, LLC	2017273335	Centurion Medical Products Corporation
2017269364	Salk Institute for Biological Studies	2017273352	Becton, Dickinson and Company
2017269386	Janssen Pharmaceutica NV	2017273353	Becton, Dickinson and Company
2017269392	Soft Robotics, Inc.	2017273354	Becton, Dickinson and Company
2017269407	Joy Global Underground Mining Llc	2017273433	PXiSE Energy Solutions, LLC
2017269526	Beijing VDJBio Co., Ltd.	2017273507	Polyphor AG
2017269657	University of the West of England, Bristol; Taunton And Somerset NHS Trust	2017273508	Polyphor AG
2017269693	Hussmann Corporation	2017273526	The Procter & Gamble Company
2017269716	nVision Medical Corporation	2017273560	Manufacturing Resources International, Inc.
2017269764	F. Hoffmann-La Roche Ag	2017273629	The University of Virginia Patent Foundation; Kipnis, J.; Louveau, A.; Da Mesquita, S.
2017269808	Netspend Corporation	2017273637	Roshmere, Inc.
2017269945	Johnson Matthey Public Limited Company	2017273658	Becton Dickinson Rowa Germany GmbH
2017270079	Morphotrust USA, LLC	2017273722	The Procter & Gamble Company
2017270085	MorphoTrust USA, LLC	2017273725	The Procter & Gamble Company
2017270086	Divergent Technologies, Inc.	2017273936	PPG Coatings (Tianjin) Co., Ltd.

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

2017273976	M. Technique Co., Ltd.	2017278340	Nanosys, Inc.
2017274065	Vehicle Development Corporation Pty Ltd	2017278355	Dow Agrosciences LLC
2017274067	Eco Shed Industries Pty Ltd	2017278413	MLT Minet Lacing Technology
2017274069	Embryogenesis Pty Ltd	2017278474	Lo-Dough Limited
2017274074	Hair Charms By Kela Pty Ltd	2017278674	Motorola Solutions, Inc.
2017274075	Medical Developments International Limited	2017278725	Unicharm Corporation
2017274087	WiseTech Global Limited	2017278823	B-Com
2017274190	LifeCell Corporation	2017278824	B-Com
2017274195	Cloudbreak Therapeutics, LLC	2017279014	Pfizer Inc.
2017274293	CymaBay Therapeutics, Inc.	2017279352	Eisai R&D Management Co., Ltd.
2017274356	Wiping Systems ApS	2017279548	Intrexon Corporation
2017274407	Ab Initio Technology LLC	2017279995	Becton, Dickinson and Company
2017274438	Ana Pharmaceuticals, Inc.	2017280058	Evapco, Inc.
2017274442	AbbVie Inc.	2017280075	Novus International Inc.
2017274444	Bristol-Myers Squibb Company; Seattle Genetics, Inc.	2017280086	Hickory Design Pty Ltd
2017274448	Snowflake Computing Inc.	2017280200	Colgate-Palmolive Company
2017274500	Becton, Dickinson and Company	2017280855	Nanosys, Inc.
2017274506	Tiw Corporation	2017281525	Dana-Farber Cancer Institute, Inc.
2017274509	Becton, Dickinson and Company	2017281530	Crown Equipment Corporation
2017274510	Becton, Dickinson and Company	2017281532	Crown Equipment Corporation
2017274521	ChemoCentryx, Inc.	2017281590	Yara Dallol BV
2017274573	X TEC Pty Ltd	2017281775	Colgate-Palmolive Company
2017274666	Joy Global Underground Mining LLC	2017281830	Kymbab Limited
2017275000	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.	2017281903	Dana-Farber Cancer Institute, Inc.
2017275056	Beijing Zhongkaihongde Technology Co., Ltd.	2017281981	Frignano Servizi S.r.l. A Capitale Ridotto
2017275184	Kyushu University, National University Corporation	2017281983	Bamboo Therapeutics, Inc.; The University of North Carolina at Chapel Hill
2017275376	Motorola Solutions, Inc.	2017282393	Pola Chemical Industries, Inc.
2017275404	Tread Heads, LLC	2017282718	Restifo, A.
2017275497	The Procter & Gamble Company	2017282788	Bceg Environmental Remediationco., Ltd.
2017275505	The Procter & Gamble Company	2017283045	Haldor Topsøe A/S
2017275583	The Procter & Gamble Company	2017283078	Carl Freudenberg KG
2017275599	BASF SE	2017283085	AMSilk GmbH; Ludwig-Maximilians-Universität München; Universität Bayreuth
2017275607	BASF SE	2017283118	Janssen Vaccines & Prevention B.V.
2017275657	Cadent Therapeutics, Inc.	2017283538	The Regents of the University of California
2017275663	Sanofi Pasteur Inc.	2017283630	Zimmer, Inc.
2017275876	Nova Chemicals (International) S.A.	2017283651	Teva Pharmaceuticals International GmbH
2017275884	Wix.com Ltd.	2017283771	Fisher & Paykel Healthcare Limited
2017276130	ENGIE Electroproject B.V.	2017283867	Sony Corporation
2017276539	Unilever PLC	2017283939	Samsung Electronics Co., Ltd.
2017276652	Sotio A.S.	2017284013	Apple Inc.
2017276656	Biogen International Neuroscience GmbH	2017284103	Codexis, Inc.
2017276712	Lysat Pharma GmbH (Lysatpharma)	2017284109	Gilead Sciences, Inc.
2017276800	Global Kinetics Pty Ltd	2017284157	Changchun Genescience Pharmaceuticals Corp.
2017276835	Clementia Pharmaceuticals Inc.	2017284160	Gilead Sciences, Inc.
2017276837	Pramana Pharmaceuticals Inc.	2017284172	Gilead Sciences, Inc.
2017277003	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2017284181	Invista Textiles (U.K.) Limited
2017277132	Courtin, K.	2017284307	Sony Corporation
2017277244	General Electric Technology GmbH	2017284391	Otsuka Pharmaceutical Factory, Inc.
2017277271	GRAMedical LLC	2017284517	Canon Kabushiki Kaisha
2017277413	F3 Platform Biologics, Inc.	2017284519	Beijing Dabeinong Technology Group Co., Ltd.; Beijing Dabeinong Biotechnology Co., Ltd.
2017277438	Janssen Biotech, Inc.	2017284680	FarmHannong Co., Ltd.
2017277524	Vyas, A.; Takemoto, S.; Akimoto, Y.; Dermavant Sciences GmbH; Eisai R&D Management Co., Ltd.	2017284988	Blue Solutions
2017277572	Motorola Solutions, Inc.	2017285025	Intergraph Corporation
2017277636	Illumina, Inc.	2017285047	Noble Drilling Services Inc.
2017277647	President and Fellows of Harvard College	2017285148	Unilever PLC
2017277801	CNH Industrial America LLC; Autonomous Solutions, Inc.	2017285221	Mkb Company, Llc; Huesker, Inc.
2017277838	Apple Inc.	2017285257	Power-Blox Ag
2017277867	Santander Y Santana, S.I.	2017285273	Sandvik Mining And Construction Oy
2017277929	Saunders, A.M.	2017285351	F. Hoffmann-La Roche AG
2017278037	Abbateciani, G.; Armelin, R.	2017285390	Dexcel Pharma Technologies Ltd.
2017278043	Prestech Limited	2017285702	Brisbane Materials Technology Pty Ltd
2017278057	BioMarin Pharmaceutical Inc.	2017285996	Neuron Mobility Pte. Ltd.
2017278080	Chevron U.S.A. Inc.	2017286094	BASF SE
2017278192	Pelican Therapeutics, Inc.	2017286130	Apple Inc.
2017278193	Regeneron Pharmaceuticals, Inc.	2017286249	Evoqua Water Technologies LLC
2017278239	Illumina, Inc.	2017286283	PepsiCo, Inc.
2017278314	University of Tennessee Research Foundation	2017286315	Sandvik Mining and Construction Oy
2017278327	Medtronic Vascular Inc.	2017286499	Nicoventures Holdings Limited
2017278331	Medtronic Vascular Inc.	2017286523	Johnson & Johnson Consumer Inc.

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

2017286560	The Middleby Corporation	2017300847	Fraunhofer-Gesellschaft zur Förderung der Ange- wandten Forschung E.V.
2017286562	Mars, Incorporated	2017302325	MasterCard International Incorporated
2017286592	Warsaw Orthopedic, inc.	2017303229	SICPA Holding SA
2017286606	ModernaTX, Inc.	2017303538	SIG Technology AG
2017286676	Genentech, Inc.; F. Hoffmann La-Roche AG	2017304338	Philip Morris Products S.A.
2017286733	Yale University	2017307222	Newport Corporation
2017286768	Sanlorenzo S.p.A.	2017312824	Tiger New Surface Materials (Suzhou) Co., Ltd.; Sun- man (Shanghai) Co., Ltd.
2017286794	Cedars-Sinai Medical Center	2017314105	SICPA HOLDING SA
2017287762	Daewoong Pharmaceutical Co., Ltd.	2017321533	Sony Corporation
2017287831	Göransson, U.; Rosengren, J.; Jacobsson, E.; An- dersson, H.; Strand, M.	2017327625	Nippon Steel & Sumitomo Metal Corporation; Vallourec Oil and Gas France
2017288254	Qualcomm Incorporated	2017329651	SICPA Holding SA
2017288319	Siemens Aktiengesellschaft	2017331052	Warsaw Orthopedic, Inc.
2017288404	Nestec S.A.	2017331799	Gideon, A.
2017288456	H. Lundbeck A/S	2017343744	Warsaw Orthopedic, Inc.
2017288467	Nestec S.A.	2017344059	Wellstat Ophthalmics Corporation
2017288713	Electrolux Appliances Aktiebolag	2017350799	Warsaw Orthopedic, Inc.
2017288784	The Gillette Company LLC	2017366202	Fu, Y.
2017289085	MorphoSys AG	2017370839	Bindomatic AB
2017289325	Marel Ltd	2017376919	Nestec SA
2017289914	Facebook, Inc.	2017376985	Nestec SA
2017289961	The Gillette Company LLC	2017379315	Illumina Cambridge Limited
2017289964	The Gillette Company LLC	2017391249	Immunopharmaceutic Institute of Hefei Ruida Co., Ltd.
2017290082	Next Science IP Holdings Pty Ltd	2017391883	Universite de Nantes; ARMOR; Centre national de la recherche scientifique
2017290238	The Scripps Research Institute; The Board of Regents of the University of Texas System	2017392587	Evertron Inc.
2017290388	Facebook, Inc.	2017395343	Beijing Normal University
2017290449	Unicharm Corporation	2017396540	China University of Mining and Technology; Xuzhou Coal Mine Safety Equipment Manufacture Co., Ltd.
2017290573	Qualcomm Incorporated	2017396541	Xuzhou Coal Mine Safety Equipment Manufacture Co., Ltd.; China University of Mining and Technology
2017290703	Chimerix, Inc.	2017396542	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd.
2017290729	Rhodia Operations	2017403278	Kunming University of Science and Technology; China Nonferrous Metal Mining Group
2017290809	Natera, Inc.	2017405992	iRobot Corporation
2017291062	Siemens Aktiengesellschaft	2017409611	adHOME co.,Ltd.
2017291063	Siemens Aktiengesellschaft	2017414195	CoCreation Grass Co., Ltd
2017291139	ConcieValve LLC	2018223076	Guhl, B.
2017291211	The Procter & Gamble Company; Cleveland Clinic In- novation	2018225503	Illumina Inc.; Illumina Cambridge Limited
2017291258	Polichem S.A.	2018237589	Mayo Foundation for Medical Education and Research
2017291321	Alkermes, Inc.	2018238979	LG Electronics Inc.
2017291326	Gates Corporation	2018255518	Intelligent Wellhead Systems Inc.
2017291414	Eli Lilly and Company	2018264323	Huawei Technologies Co., Ltd.
2017291815	Lantheus Medical Imaging, Inc.	2018268608	Shanghai Parasol Renewable Energy Co., Ltd
2017291825	Qualcomm Incorporated	2018270685	LegoChem Biosciences, Inc.
2017292029	Qualcomm Incorporated		
2017292436	Sony Semiconductor Solutions Corporation		
2017292438	Sony Semiconductor Solutions Corporation		
2017292589	Qualcomm Incorporated		
2017292642	Avent, Inc.		
2017292650	Imara, Inc.; H. Lundbeck A/s		
2017292879	As IP Holdco, LLC		
2017293657	KINALTEK PTY. LTD.		
2017293676	3277991 Nova Scotia Limited D/B/A Truro Herbal Co.		
2017294345	Haldor Topsøe A/S		
2017294391	Syngenta Participations AG		
2017294638	Gripple Limited		
2017294920	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.		
2017294984	Creo Medical Limited		
2017295144	Dätwyler Sealing Technologies Deutschland GmbH		
2017295353	Samsung Electronics Co., Ltd.		
2017295388	F. Holzer GmbH		
2017295458	Devico As		
2017296094	Argenx Bvba		
2017296205	VISA International Service Association		
2017296226	ConMed Corporation		
2017297202	Medtronic Xomed, Inc.		
2017297766	Vallourec Tubes France; Vallourec Deutschland GmbH		
2017298853	E.ON Sverige AB		
2017298855	E.ON Sverige AB		
2017298986	Nanostone Water Inc.		
2017300261	Medtronic Xomed, Inc.		

IPC Index

<u>A01B 69 /-</u>	<u>A01N 57 /-</u>	<u>A23J 3 /-</u>	<u>A46D 1 /-</u>	2017331052 2017343744	2018237589
2017277801	2017259702 2017284519	2017288467	2017273526 2017273722 2017273725 2017275497 2017275505 2017275583	<u>A61B 18 /-</u>	<u>A61F 5 /-</u>
<u>A01B 79 /-</u>	<u>A01N 59 /-</u>	<u>A23K 10 /-</u>		2017270116 2017271145 2017294984	2017278725
2017269203	2017278043	2017376919 2017376985			<u>A61F 6 /-</u>
<u>A01C 23 /-</u>	<u>A01N 63 /-</u>	<u>A23K 20 /-</u>	<u>A47F 3 /-</u>	<u>A61B 3 /-</u>	2017269716
2017269203	2017272860 2017290082	2017280075 2017376919 2017376985	2017269693	2017257258	<u>A61F 9 /-</u>
<u>A01H 1 /-</u>	<u>A01N 65 /-</u>	<u>A23K 50 /-</u>	<u>A47G 19 /-</u>	<u>A61B 34 /-</u>	2017274195
2017284519	2017274356	2017280075 2017376919 2017376985	2017259027	2017283630 2017296226	<u>A61G 13 /-</u>
<u>A01H 5 /-</u>	<u>A01P 1 /-</u>	<u>A23L 2 /-</u>	<u>A47J 31 /-</u>		2017286592 2017350799
2017259702 2017284519	2017274356 2017290082	2017267591 2017275000	2017257847 2017269407	<u>A61B 46 /-</u>	<u>A61G 7 /-</u>
<u>A01J 25 /-</u>	<u>A01P 13 /-</u>	<u>A23L 29 /-</u>	<u>A47J 37 /-</u>	2016413544	2017286592
2017260775 2017260779	2017275599 2017284519	2017257494 2017278474	2017331799 2017392587	<u>A61B 5 /-</u>	<u>A61H 11 /-</u>
<u>A01K 13 /-</u>	<u>A01P 21 /-</u>	<u>A23L 33 /-</u>	<u>A47J 41 /-</u>	2017258291 2017258306 2017258318 2017260474 2017263303 2017265347 2017269386 2017269657 2017273352 2017273353 2017273354 2017274509 2017274510 2017276800 2017283630	<u>A61H 19 /-</u>
2017262618	2017272860 2017294391	2017274438 2017277413 2017284391	2017259027		2017366202
<u>A01K 87 /-</u>	<u>A21D 13 /-</u>	<u>A23L 33 /-</u>	<u>A47J 43 /-</u>		<u>A61H 23 /-</u>
2017257398	2017278474	2017271362	2017267591 2017271508		2016407377
<u>A01L 3 /-</u>	<u>A21D 2 /-</u>	<u>A24D 1 /-</u>	<u>A47K 10 /-</u>		<u>A61J 1 /-</u>
2017262618	2017278474	2017271362	2017262479		2017265347
<u>A01N 25 /-</u>	<u>A22C 17 /-</u>	<u>A24F 47 /-</u>	<u>A47K 5 /-</u>	<u>A61B 6 /-</u>	<u>A61J 7 /-</u>
2017271487 2017278043 2017278355 2017284519	2016405227	2017271254 2017271362 2017286499 2017304338	2017261361	2017269657 2017286592	2017277271
<u>A01N 37 /-</u>	<u>A22C 25 /-</u>	<u>A41B 9 /-</u>	<u>A47L 11 /-</u>		<u>A61K 129 /-</u>
2017259702 2017274356 2017290082	2016405227	2016412538 2016412539	2017405992	<u>A61B 90 /-</u>	2017284391
<u>A01N 43 /-</u>	<u>A23C 9 /-</u>	<u>A41G 5 /-</u>	<u>A47L 13 /-</u>	2017263178 2017273353	<u>A61K 131 /-</u>
2017271487 2017274356 2017278355 2017294391	2017275000 2017288467	2017274074	2017283078		2017284391
<u>A01N 45 /-</u>	<u>A23G 1 /-</u>	<u>A45D 40 /-</u>	<u>A47L 9 /-</u>	<u>A61F 11 /-</u>	<u>A61K 31 /-</u>
2017259702	2017288404	2017277132	2017255209 2017256477 2017258264	2017262404 2017272010	2016404808 2016407955 2016408304 2017255086 2017256180 2017256182 2017256184 2017256698 2017257494 2017257496 2017258145 2017260003 2017260021 2017260298 2017260305 2017260799 2017261317 2017261371 2017261847
2017259702	<u>A23G 3 /-</u>	<u>A45D 8 /-</u>	<u>A61B 10 /-</u>	<u>A61F 13 /-</u>	
2017259702	2016405864	2017274074	2017270207	2016412538 2016412539 2017278725 2017290449	
2017271487	<u>A23G 4 /-</u>	<u>A46B 9 /-</u>	<u>A61B 17 /-</u>		
<u>A01N 55 /-</u>	<u>A23J 1 /-</u>	2017273526 2017275497 2017275505	2016411988 2017257665 2017263178 2017268377 2017269716 2017283630 2017296226 2017297202	2017257579 2017266550 2017268717 2017278327 2017278331 2017291139 2017331052 2017343744	
2017275599 2017278043	2017288467				

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

2017263462	2017271678	<u>A61K 48 /-</u>	<u>A61L 29 /-</u>	2017258306	<u>A61P 29 /-</u>
2017265383	2017272101			2017258318	
2017265839	2017273507	2017260003	2017257579	2017271145	2017260305
2017267068	2017273508	2017263543			2017277003
2017267160	2017273629	2017264750	<u>A61L 31 /-</u>	<u>A61N 5 /-</u>	2017284109
2017267172	2017277003				
2017269046	2017277438	<u>A61K 49 /-</u>	2017257579	2017269657	<u>A61P 3 /-</u>
2017269335	2017281830				
2017270359	2017282393	2017291815	<u>A61L 33 /-</u>	<u>A61P 1 /-</u>	2016407955
2017270485	2017283085				2017256180
2017271491	2017283538	<u>A61K 51 /-</u>	2017257579	2016404808	2017256182
2017272621	2017284391			2017256180	2017256184
2017272890	2017287831	2017260460	<u>A61L 9 /-</u>	2017256182	2017270485
2017273124	2017291321	2017273629		2017256184	2017276835
2017274293			2017409611	2017263174	2017276837
2017274438	<u>A61K 39 /-</u>	<u>A61K 8 /-</u>	<u>A61M 1 /-</u>	2017274293	2017284109
2017274442				2017284109	2017284160
2017274521	2017262734	2016410613		2017284160	2017284391
2017275657	2017263174	2017273507	2017261338	2017284391	2017286733
2017276652	2017264553	2017273508	2017261342		
2017276835	2017267793	2017274069	2017261346	<u>A61P 11 /-</u>	<u>A61P 31 /-</u>
2017276837	2017268460	2017280200	2017270195		
2017277524	2017268822	2017281775	2017276712	2017256180	2017260021
2017278057	2017269526	2017282393	2017300847	2017256182	2017286733
2017278314	2017271602	2017285148		2017256184	
2017279014	2017272344	2017286523	<u>A61M 11 /-</u>	2017273508	<u>A61P 35 /-</u>
2017281525	2017272804	2017288784			
2017281903	2017273629	2017289961	2017286499	<u>A61P 13 /-</u>	2017258145
2017283651	2017274444	2017289964	2017291258		2017260298
2017284109	2017276652	2017409611		2017261371	2017269335
2017284160	2017276656	<u>A61K 9 /-</u>	<u>A61M 15 /-</u>	2017292650	2017272101
2017284172	2017278193				2017272721
2017284391	2017281830	2016412538	2017271254	<u>A61P 17 /-</u>	2017273124
2017287762	2017284157	2016412539	2017274075		2017276652
2017288456	2017289085	2017256180	2017286499	2017272890	2017279014
2017290238	2017291414	2017256182		2017277524	2017279548
2017290703	2017391249	2017256184	<u>A61M 16 /-</u>	2017282393	2017284109
2017291211		2017257494	2017283771	<u>A61P 19 /-</u>	2017284157
2017292650	<u>A61K 45 /-</u>	2017257496			2017284160
2018270685		2017260799	<u>A61M 25 /-</u>	2017256180	2017284172
	2017255086	2017261225		2017256182	2017286733
<u>A61K 33 /-</u>	2017256180	2017261317	2017257665	2017256184	2017391249
	2017267969	2017261371	2017269716	2017270485	
2016404808	2017272890	2017261371	2017273352	2017276835	<u>A61P 37 /-</u>
2016407955	2017277438	2017264553	2017273353		
2017284391	2017277647	2017265839	2017273354	<u>A61P 21 /-</u>	2017259988
	2017291139	2017267068	2017274500		2017267172
<u>A61K 35 /-</u>		2017267160	2017274509	2017263462	2017272721
	<u>A61K 47 /-</u>	2017269046	2017274510	2017270485	2017274442
2017257191		2017272621		2017286733	2017286733
2017259988	2017218615	2017273507	<u>A61M 27 /-</u>		
2017263174	2017256180	2017273508		<u>A61P 25 /-</u>	<u>A61P 43 /-</u>
2017271491	2017256182	2017274069	2017300261		
2017272721	2017256184	2017284391		2016408304	2017255086
2017274069	2017256464	2017285390	<u>A61M 31 /-</u>	2017255086	2017284391
2017276652	2017257494	2017286606		2017256180	
2017276712	2017261225	2017290703	2017261371	2017256182	<u>A61P 7 /-</u>
2017284391	2017261847	<u>A61L 15 /-</u>	<u>A61M 35 /-</u>	2017256184	
	2017264553			2017260305	2017256180
<u>A61K 36 /-</u>	2017267068	2016412538	2017291258	2017263005	2017256182
	2017267969	2016412539		2017265383	2017256184
2017284391	2017270359		<u>A61M 39 /-</u>	2017273629	2017292650
2017293676	2017272101	<u>A61L 2 /-</u>		2017275657	
	2017273629		2017270195	2017278057	<u>A61P 9 /-</u>
<u>A61K 38 /-</u>	2017274442	2017261361		2017283651	
	2017279352	2017273335	<u>A61M 5 /-</u>	2017286733	2017261317
2017256464	2017281525	<u>A61L 27 /-</u>		2017288456	
2017257191	2017281903		2017270195	2017291414	<u>A61Q 11 /-</u>
2017261225	2017286733	2017257579	2017273335	<u>A61P 27 /-</u>	2016410613
2017263174	2017290703	2017274190	<u>A61N 1 /-</u>		2017280200
2017264947	2017293676	2017291139		2017267969	2017281775
2017267969					
2017270359			2017258291		

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

<u>A61Q 15 /-</u>	<u>B01D 69 /-</u>		2017258264		<u>B62M 9 /-</u>
2017285148	2017272760	<u>B05D 5 /-</u>	2017269392	<u>B42F 9 /-</u>	2017291326
<u>A61Q 17 /-</u>	2017272761	2017273936		2017370839	<u>B63B 29 /-</u>
2017280200	<u>B01D 71 /-</u>	2017303229	<u>B26B 21 /-</u>		2017286768
2017286523	2017272760	2017314105	2017288784	<u>B60J 11 /-</u>	
<u>A61Q 19 /-</u>	2017272761	2017329651	2017289961	2017270576	<u>B63B 3 /-</u>
2017282393	2017298986	<u>B05D 7 /-</u>	2017289964	<u>B60J 7 /-</u>	2017286768
	<u>B01D 9 /-</u>	2017273936	<u>B27K 3 /-</u>	2017270576	<u>B63B 35 /-</u>
<u>A61Q 9 /-</u>	2017263620	<u>B09C 1 /-</u>	2017278043	<u>B60L 11 /-</u>	2017267245
2017288784	<u>B01F 13 /-</u>	2017282788	<u>B29C 59 /-</u>	2017284988	2017269088
2017289961	2017271254	<u>B22F 3 /-</u>	2017270716	2017285273	<u>B63B 7 /-</u>
2017289964		2017265469	<u>B29C 65 /-</u>	2017286315	2017264537
<u>A62B 18 /-</u>	<u>B01F 15 /-</u>	<u>B22F 9 /-</u>	2017270651	<u>B60P 3 /-</u>	<u>B64C 27 /-</u>
2017283771	2017271254	2017293657	<u>B29C 67 /-</u>	2016400807	2017272341
<u>A63B 17 /-</u>	<u>B01F 3 /-</u>	<u>B23K 26 /-</u>	2017270086	<u>B60W 30 /-</u>	<u>B64C 29 /-</u>
2017266441	2017261838	2017266268	<u>B29D 11 /-</u>	2017270574	2017272341
<u>A63B 31 /-</u>	2017266448	<u>B24B 55 /-</u>	2017269175	<u>B60W 40 /-</u>	<u>B64C 39 /-</u>
2017260572	<u>B01F 5 /-</u>	2017272788	<u>B29D 12 /-</u>	2017270574	2017272341
<u>A63B 5 /-</u>	2017266448	<u>B24B 7 /-</u>	2017270086	<u>B61K 9 /-</u>	<u>B64G 1 /-</u>
2016407744	<u>B01J 19 /-</u>	2017272788	<u>B29L 31 /-</u>	2017294920	2017260347
2017266441	2017269945	<u>B24C 1 /-</u>	2017270086	<u>B62D 1 /-</u>	<u>B65B 55 /-</u>
<u>A63B 69 /-</u>	2017275404	2016406185	<u>B31F 1 /-</u>	2017274065	2017273335
2017278037	2017283045	<u>B25B 13 /-</u>	2017262479	<u>B62D 3 /-</u>	<u>B65B 57 /-</u>
<u>A63B 71 /-</u>	<u>B02C 13 /-</u>	2017271372	<u>B32B 27 /-</u>	2017274065	2017273658
2017266441	2017274666	<u>B25B 23 /-</u>	2017303538	<u>B62D 51 /-</u>	<u>B65B 61 /-</u>
<u>A63G 31 /-</u>	<u>B02C 2 /-</u>	2017271372	<u>B32B 29 /-</u>	2017274573	2017260297
2017266441	2016411225	<u>B25J 11 /-</u>	2017260143	<u>B62D 55 /-</u>	2017273658
<u>A63G 9 /-</u>	<u>B02C 23 /-</u>	2016404622	<u>B32B 3 /-</u>	2017282718	<u>B65C 1 /-</u>
2017266441	2016411225	2017255209	2017303538	<u>B62D 61 /-</u>	2017289325
<u>B01D 15 /-</u>	<u>B02C 4 /-</u>	2017256477	<u>B32B 7 /-</u>	2017274573	<u>B65D 25 /-</u>
2017261283	2017274666	2017258264	2017285221	<u>B62H 5 /-</u>	2017256914
<u>B01D 19 /-</u>	<u>B03B 7 /-</u>	2017269392	<u>B33Y 10 /-</u>	2017285996	2017286283
2017270195	2017403278	2017281981	2017270086	<u>B62J 99 /-</u>	<u>B65D 33 /-</u>
<u>B01D 35 /-</u>	<u>B05B 11 /-</u>	<u>B25J 19 /-</u>	<u>B33Y 30 /-</u>	2017285996	2017286562
2017295353	2017258284	2017255209	2017270086	<u>B62K 11 /-</u>	<u>B65D 35 /-</u>
<u>B01D 53 /-</u>	2017295388	2017258264	<u>B41J 2 /-</u>	2017285996	2017258284
2017278080	<u>B05B 3 /-</u>	2017269392	<u>B25J 5 /-</u>	<u>B62K 5 /-</u>	<u>B65D 45 /-</u>
2017294345	2017270486	2017281981	<u>B25J 9 /-</u>	2017274573	2017271508
<u>B01D 63 /-</u>	<u>B05D 3 /-</u>	2016404622	2016404807	<u>B62M 6 /-</u>	<u>B65D 47 /-</u>
2017272760	2017303229	2017255209	<u>B41J 29 /-</u>	2017285996	2017277132
2017298986	2017314105	2017256477	<u>B41M 1 /-</u>		
	2017329651	2017260297			

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

<u>B65D 5 /-</u>	<u>C01D 3 /-</u>	<u>C07C 7 /-</u>	<u>C07D 411 /-</u>	<u>C07K 1 /-</u>	<u>C07K 7 /-</u>
2017256914 2017303538	2017281590	2017264777	2017276837	2017277003 2017277438 2017286676	2017268842 2017273507 2017273508
<u>B65D 51 /-</u>	<u>C01D 5 /-</u>	<u>C07C 9 /-</u>	<u>C07D 413 /-</u>	<u>C07K 14 /-</u>	<u>C08B 37 /-</u>
2017286283	2017281590	2017264777	2017275657 2017284109 2017284160	2017256464 2017261684 2017264750 2017264947 2017266468 2017268822 2017271593 2017271678 2017272344 2017275184 2017275663 2017277438 2017279548 2017281830 2017281983 2017283085 2017283538 2017284157 2017284680 2017287831 2017291321 2017344059	2017277413
<u>B65D 65 /-</u>	<u>C01G 49 /-</u>	<u>C07D 209 /-</u>	<u>C07D 417 /-</u>		<u>C08F 2 /-</u>
2017260297	2017273976	2017269335	2017275657 2017276837		2017275876
<u>B65D 75 /-</u>	<u>C01G 9 /-</u>	<u>C07D 211 /-</u>	<u>C07D 471 /-</u>		<u>C08F 210 /-</u>
2017286562	2017273976	2017258697	2017260305 2018270685		2017275876
<u>B65D 81 /-</u>	<u>C02F 1 /-</u>	<u>C07D 213 /-</u>	<u>C07D 473 /-</u>		<u>C08F 220 /-</u>
2017255566 2017259027 2017271254 2017271508 2017286283 2017286562	2017286249	2017276835	2017260298		2017267622
<u>B65D 83 /-</u>	<u>C02F 3 /-</u>	<u>C07D 231 /-</u>	<u>C07D 487 /-</u>		<u>C08G 65 /-</u>
2017256914 2017271254 2017277132 2017291258	2017261838 2017286249	2017276835	2017260305 2017275657 2017276835 2017279014 2017287762		2017272101
<u>B65D 83 /-</u>	<u>C03C 17 /-</u>	2017278057	<u>C07D 491 /-</u>	<u>C07K 16 /-</u>	
2017256914 2017271254 2017277132 2017291258	2017285702	<u>C07D 235 /-</u>	2017275657 2017278057 2017279014 2017283651 2017379315	2017255970 2017262734 2017267793 2017268460 2017269526 2017271593 2017271601 2017271602 2017271678 2017272804 2017274442 2017274444 2017276656 2017278192 2017278193 2017279352 2017279548 2017281830 2017284157 2017285351 2017286676 2017289085 2017291414 2017296094 2017391249	2017275876
<u>B65G 43 /-</u>	<u>C04B 35 /-</u>	<u>C07D 239 /-</u>	<u>C07D 493 /-</u>		<u>C08L 67 /-</u>
2017396542	2016415075 2017275607	2017277524 2017279014	2017284172		2017280075
<u>B65G 47 /-</u>	<u>C05D 1 /-</u>	<u>C07D 249 /-</u>	<u>C07D 498 /-</u>		<u>C09C 1 /-</u>
2017281981	2017281590	2017270485	2017260305 2017275657		2017273976
<u>B66B 11 /-</u>	<u>C05G 3 /-</u>	<u>C07D 251 /-</u>	<u>C07D 499 /-</u>		<u>C09C 3 /-</u>
2017396540	2017290729	2017279014	2017284172		2017273976
<u>B66B 5 /-</u>	<u>C07C 211 /-</u>	<u>C07D 265 /-</u>	<u>C07D 498 /-</u>		<u>C09D 1 /-</u>
2017396541	2017291211	2017294391	2017260305 2017275657		2017285702
<u>B66D 1 /-</u>	<u>C07C 215 /-</u>	<u>C07D 401 /-</u>	<u>C07D 519 /-</u>		<u>C09D 183 /-</u>
2017273245	2017291211	2017258697 2017281525 2017281903 2017284109 2017284160 2017287762	2017279014		2017285702
<u>B66F 17 /-</u>	<u>C07C 217 /-</u>	<u>C07D 403 /-</u>	<u>C07F 5 /-</u>		<u>C09D 5 /-</u>
2017281532	2017291211	2017258145 2017269335 2017275657 2017287762 2017290238	2017275599		2017267622 2017273936
<u>B66F 9 /-</u>	<u>C07C 229 /-</u>	<u>C07D 403 /-</u>	<u>C07H 1 /-</u>		<u>C09K 8 /-</u>
2017281532	2017291211	2017258145 2017269335 2017275657 2017287762 2017290238	2017261283		2017262760
<u>B67D 1 /-</u>	<u>C07C 231 /-</u>	<u>C07D 405 /-</u>	<u>C07H 21 /-</u>	<u>C07K 17 /-</u>	
2017256698	2017256698	2017258145 2017269335 2017275657 2017287762 2017290238	2017261283 2017277438	2017259821 2017268248	2017275404
<u>B67D 1 /-</u>	<u>C07C 235 /-</u>	<u>C07D 405 /-</u>	<u>C07H 3 /-</u>	<u>C07K 19 /-</u>	<u>C10B 1 /-</u>
2017258284	2017256698	2017272101 2017275657	2017257494	2017275184	2017275404
<u>B82Y 15 /-</u>	<u>C07C 271 /-</u>	<u>C07D 409 /-</u>	<u>C07J 71 /-</u>	<u>C07K 5 /-</u>	<u>C10B 27 /-</u>
2016408416	2017278314	2017275657	2017274442	2017267969 2017272101 2017277003	2017275404
<u>C01B 13 /-</u>	<u>C07C 59 /-</u>				
2017273976	2017260752				
<u>C01B 33 /-</u>					
2017285702					

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

<u>C10B 51 /-</u>	2017271579 2017272104 2017272721 2017275184 2017277438 2017277647 2017283085 2017283118 2017284103 2017284157 2017284519 2017284680 2017285351 2017286794 2017344059 2017391249	<u>C21D 1 /-</u>	2017267098	<u>E01C 13 /-</u>	2017414195	<u>E04F 21 /-</u>	2017281981
2017275404		<u>C21D 6 /-</u>	2017267098	<u>C30B 7 /-</u>	2017278340	<u>E01C 19 /-</u>	2017280086
<u>C10G 1 /-</u>	2017283118 2017284103 2017284157 2017284519 2017284680 2017285351 2017286794 2017344059 2017391249	<u>C21D 8 /-</u>	2017267098 2017297766	<u>C40B 20 /-</u>	2017271579	<u>E01C 3 /-</u>	2017280086
2017264777		<u>C21D 9 /-</u>	2017297766	<u>C40B 30 /-</u>	2017277929	<u>E01C 5 /-</u>	2018264323
<u>C10G 11 /-</u>	2017266468 2017269364 2017284157 2017284519 2017286794	<u>C22B 15 /-</u>	2017403278	<u>C40B 40 /-</u>	2017271579	<u>E01D 15 /-</u>	2017266441 2017270576
2017264777		<u>C22B 5 /-</u>	2017293657	<u>D01F 1 /-</u>	2017284181	<u>E02B 15 /-</u>	2017270576
<u>C10L 3 /-</u>	2017266468 2017269364 2017284157 2017284519 2017286794	<u>C22C 38 /-</u>	2017267098 2017297766	<u>D01F 6 /-</u>	2017272760 2017272761	<u>E02B 17 /-</u>	2017261361
2017278080		<u>C22C 9 /-</u>	2017265469	<u>D06F 37 /-</u>	2017271169 2017276539	<u>E02B 3 /-</u>	2018223076
<u>C10M 145 /-</u>	2017257252	<u>C23C 18 /-</u>	2017285702	<u>D06F 39 /-</u>	2017276539	<u>E02D 29 /-</u>	2016413503
2017257252		<u>C23C 4 /-</u>	2017260143	<u>D06M 11 /-</u>	2017269291	<u>E02F 9 /-</u>	2016414788 2016415548
<u>C11B 1 /-</u>	2017272721	<u>C25B 1 /-</u>	2017288319 2017291062 2017291063	<u>D06M 15 /-</u>	2017269291	<u>E03B 3 /-</u>	2016418517 2017274506
2017409611		<u>C25B 11 /-</u>	2016408416 2017291062 2017291063	<u>D06M 23 /-</u>	2017269291	<u>E03D 5 /-</u>	2016415548 2016418517 2017256642 2017285047
<u>C11B 3 /-</u>	2017257191 2017268842 2017283538 2017284103	<u>C25B 15 /-</u>	2017288319 2017291062 2017291063	<u>D06N 3 /-</u>	2017312824	<u>E04B 2 /-</u>	2017271297 2017285047
2017409611		<u>C25B 3 /-</u>	2017288319 2017291062 2017291063	<u>D21H 19 /-</u>	2017260143	<u>E04C 1 /-</u>	2016414788 2017271298 2017295458
<u>C11D 1 /-</u>	2017272957 2017277413 2017284103	<u>C25B 9 /-</u>	2017288319 2017291062 2017291063	<u>D21H 27 /-</u>	2017262479	<u>E04C 2 /-</u>	2017274067
2017271968		<u>C25B 9 /-</u>	2017288319 2017291062 2017291063	<u>E01B 19 /-</u>	2017295144	<u>E04C 5 /-</u>	2017280086
<u>C11D 10 /-</u>	2017272957 2017277413 2017284103	<u>C25B 11 /-</u>	2017288319 2017291062 2017291063	<u>E01B 21 /-</u>	2017295144	<u>E04F 10 /-</u>	2017271298 2017276130
2017271968		<u>C25B 11 /-</u>	2017288319 2017291062 2017291063	<u>E01B 27 /-</u>	2017294920		
<u>C11D 17 /-</u>	2017264541 2017264754 2017277438	<u>C30B 29 /-</u>	2017278340	<u>E01B 35 /-</u>	2017294920		
2017271968							
<u>C11D 3 /-</u>	2017271968						
2017271968							
<u>C12M 1 /-</u>	2016403554 2017257978 2017263543 2017267184 2017268234 2017271579 2017273629 2017277929 2017279995 2017284307 2017284519 2017285351 2017290809 2018225503						
2017272406 2017272957 2017279995 2017284307							
<u>C12M 3 /-</u>	2017272406 2017284307						
2017272406 2017284307							
<u>C12N 1 /-</u>	2017259821 2017284680						
2017259821 2017284680							
<u>C12N 15 /-</u>	2017286094						
2017257978 2017266468 2017268822 2017268842 2017269526							

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

<u>E21B 47 /-</u>				<u>G01R 31 /-</u>	2017263802
2017263539	<u>F16L 1 /-</u>	<u>F24C 3 /-</u>	<u>F28F 9 /-</u>	2017285257	2017269764
2018255518	2017270651	2017286560	2017280058		2017277636
	2017270665		<u>F41B 13 /-</u>	<u>G01S 7 /-</u>	2017290809
<u>E21B 7 /-</u>		<u>F24D 10 /-</u>	2017278037	2017273109	<u>G06F 21 /-</u>
2016413503	<u>F16L 13 /-</u>	2017298853			2017257417
	2017270651	2017298855	<u>G01B 11 /-</u>	<u>G01V 3 /-</u>	2017273560
<u>E21C 35 /-</u>	2017270665	<u>F24D 19 /-</u>	2017284307	2017273246	2017278239
2017274666	<u>F16L 15 /-</u>	2017298855	2018268608	<u>G02B 21 /-</u>	2017278674
<u>F01N 1 /-</u>	2017327625	<u>F24F 1 /-</u>	<u>G01B 3 /-</u>	2017284307	<u>G06F 3 /-</u>
2017268707	<u>F16L 3 /-</u>	2017256269	2017257398	<u>G02B 27 /-</u>	2016408327
<u>F02D 9 /-</u>	2016410370	<u>F24F 13 /-</u>	<u>G01F 1 /-</u>	2017258032	2016409885
2017268707	<u>F16L 47 /-</u>	2017256269	2016410370	<u>G02B 3 /-</u>	2017269386
<u>F03B 17 /-</u>	2017270651	2017262640	<u>G01F 11 /-</u>	2017270716	2017275884
2017266448	<u>F16L 58 /-</u>	<u>F24F 5 /-</u>	2017258284	2017277867	2017277838
<u>F03B 3 /-</u>	2017270651	2017298855	2017295388	<u>G02B 6 /-</u>	2017286130
2017266448	2017270665	<u>F24H 1 /-</u>	<u>G01F 15 /-</u>	2017269145	<u>G06F 9 /-</u>
<u>F04F 1 /-</u>	<u>F16L 59 /-</u>	2017269407	2016410370	2017269175	2017271998
2017266448	2017270651	<u>F25B 1 /-</u>	2017295388	<u>G03B 19 /-</u>	2017272079
<u>F04F 5 /-</u>	<u>F16L 9 /-</u>	2016420272	<u>G01F 23 /-</u>	2017286130	2017274407
2017266448	2017270651	<u>F25B 21 /-</u>	2017263620	<u>G03F 7 /-</u>	<u>G06G 7 /-</u>
<u>F15B 1 /-</u>	<u>F16M 11 /-</u>	2017255566	<u>G01N 13 /-</u>	2017275607	2017267740
2017285047	2017294638	<u>F25B 23 /-</u>	2017282788	<u>G03G 21 /-</u>	2017270079
<u>F15D 1 /-</u>	<u>F16M 13 /-</u>	2017255566	<u>G01N 21 /-</u>	2017284517	2017270085
2017266448	2017294638	<u>F25B 25 /-</u>	2017263620	<u>G05B 15 /-</u>	2017292642
<u>F16B 21 /-</u>	<u>F16P 3 /-</u>	2017298853	<u>G01N 27 /-</u>	2017273433	2017294920
2017294638	2017281530	<u>F25B 29 /-</u>	2017271613	<u>G05D 1 /-</u>	<u>G06Q 10 /-</u>
<u>F16B 43 /-</u>	<u>F17C 11 /-</u>	2017255566	<u>G01N 33 /-</u>	2016400807	2017267740
2017278413	2017269142	<u>F25B 41 /-</u>	2017257978	2017281530	2017274087
<u>F16G 11 /-</u>	<u>F21S 2 /-</u>	2017295353	2017260806	2017281532	2017283867
2017294638	2017254789	<u>F25D 11 /-</u>	2017264947	<u>G06E 1 /-</u>	2017285025
<u>F16G 3 /-</u>	<u>F21V 17 /-</u>	2016419455	2017265347	2017255561	<u>G06Q 30 /-</u>
2017278413	2017254789	2017295353	2017269050	<u>G06F 11 /-</u>	2017264693
<u>F16H 25 /-</u>	<u>F21V 21 /-</u>	<u>F25D 23 /-</u>	2017269526	2017274407	2017269808
2017271297	2017294638	2017295353	2017271613	<u>G06F 17 /-</u>	2017284013
<u>F16H 55 /-</u>	<u>F22B 37 /-</u>	<u>F25D 3 /-</u>	2017279995	2016409888	2017296205
2017291326	2017277244	2017255566	2017283538	2017267740	2017302325
<u>F16H 7 /-</u>	<u>F23D 14 /-</u>	<u>F27B 7 /-</u>	2017284157	2017270086	<u>G06Q 40 /-</u>
2017291326	2017286560	2017258245	2017284181	2017271998	2017264693
<u>F16K 31 /-</u>	<u>F23N 1 /-</u>	<u>F27D 11 /-</u>	2017379315	2017272079	2017267740
2017271297	2017286560	2017275056	2017391249	2017272079	2017275884
			<u>G01N 35 /-</u>	2017274087	2017289914
			2017276539	2017274448	<u>G06Q 50 /-</u>
			<u>G01R 1 /-</u>	2017275884	2016404369
			2017279995	<u>G06F 19 /-</u>	2016409885
			<u>G01R 19 /-</u>	2017262701	2017270574
			2017273433	2017263319	2017273433
					2017283867
					2017285025

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

<u>G06T 7 /-</u>	<u>H01G 13 /-</u>	<u>H02J 7 /-</u>	<u>H04N 5 /-</u>	<u>H04W 84 /-</u>
2017269657 2017270085 2017273560	2017267180	2017284988 2017285257	2017271946	2017260347
<u>G07C 5 /-</u>	<u>H01G 9 /-</u>	<u>H02K 7 /-</u>	<u>H04Q 11 /-</u>	<u>H04W 88 /-</u>
2017281530	2017285702	2017295458	2017273637	2017266608
<u>G07C 9 /-</u>	<u>H01H 9 /-</u>	<u>H02P 9 /-</u>	<u>H04R 1 /-</u>	<u>H04W 92 /-</u>
2017281530	2017261257	2017267740	2017262404 2017272010	2017278674
<u>G08C 17 /-</u>	<u>H01L 31 /-</u>	<u>H04B 1 /-</u>	<u>H04R 25 /-</u>	<u>H05B 37 /-</u>
2017288713	2017307222 2017312824	2017278823 2017278824	2017262404	2017254789
<u>G09B 19 /-</u>	<u>H01M 10 /-</u>	<u>H04B 3 /-</u>	<u>H04R 5 /-</u>	<u>H05B 7 /-</u>
2017269386	2016408416 2017261222 2017285257	2017285257	2017262404	2017275056
<u>G09B 23 /-</u>	<u>H01M 2 /-</u>	<u>H04B 7 /-</u>	<u>H04W 12 /-</u>	<u>H05H 1 /-</u>
2017395343	2017261222	2017260347	2017257657 2017273560 2017277572 2017278239 2017278674	2017257870
<u>G09F 3 /-</u>	<u>H01M 4 /-</u>	<u>H04L 1 /-</u>	<u>H04W 16 /-</u>	
2017271362	2016408416 2017267180 2017391883	2016416176 2017291825	2017257657 2017292589	
<u>G09G 3 /-</u>	<u>H01M 8 /-</u>	<u>H04L 27 /-</u>	<u>H04W 4 /-</u>	
2017280855	2017271731	2017278823 2017278824 2017292436	2016408327 2017257657 2017275376 2017277572 2017277838 2017278674	
<u>G10K 11 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 29 /-</u>	<u>H04W 48 /-</u>	
2017273109	2017283939	2017257417 2017269808 2017275376 2017277572 2017278239 2017278674	2016414700 2017257657	
<u>G10L 15 /-</u>	<u>H01Q 13 /-</u>	<u>H04L 5 /-</u>	<u>H04W 52 /-</u>	
2016409885	2017283939	2016428856 2017290573 2017291825 2017292589 2017321533	2016406586 2017292029	
<u>G10L 17 /-</u>	<u>H01R 11 /-</u>	<u>H04L 7 /-</u>	<u>H04W 60 /-</u>	
2016409885	2017260240	2017292438	2017266608	
<u>G10L 19 /-</u>	<u>H01R 13 /-</u>	<u>H04L 9 /-</u>	<u>H04W 64 /-</u>	
2017288254	2017266491	2017277572	2017257657	
<u>G10L 21 /-</u>	<u>H01R 24 /-</u>	<u>H04M 1 /-</u>	<u>H04W 72 /-</u>	
2017288254	2017266491	2017283939	2017292589 2017321533	
<u>G10L 25 /-</u>	<u>H01R 25 /-</u>	<u>H04N 13 /-</u>	<u>H04W 74 /-</u>	
2017263303	2017266491	2017290388	2016405921 2018238979	
<u>H01B 1 /-</u>	<u>H01R 9 /-</u>	<u>H04N 21 /-</u>	<u>H04W 8 /-</u>	
2017285702	2017266491	2017292438	2017266608	
<u>H01C 7 /-</u>	<u>H02J 1 /-</u>			
2016424708	2017285257			
<u>H01F 29 /-</u>	<u>H02J 3 /-</u>			
2017261257	2017267740 2017273433 2017284988 2017285257			
<u>H01G 11 /-</u>				
2017267180				

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A61K 31/40 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/439 (2006.01)
A61K 31/454 (2006.01)
A61K 31/473 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/573 (2006.01)
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E01F 9/615 (2016.01)
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A61P 25/18 (2006.01)
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F21V 29/70 (2015.01)
F21V 31/00 (2006.01)
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B62D 63/02 (2006.01)
B62D 65/04 (2006.01)
B62J 15/02 (2006.01)
B62J 35/00 (2006.01)
B62K 19/24 (2006.01)
B62K 19/32 (2006.01)
B62K 25/28 (2006.01)
B62M 7/04 (2006.01)
F02M 35/024 (2006.01)
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C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
C22B 11/00 (2006.01)
C22B 13/00 (2006.01)
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2013351292	Katinger GmbH	2014306021	Arrowhead Pharmaceuticals, Inc.
2013380233	Kao Corporation	2014306345	Epimeron Inc.
2013381016	CSA Medical, Inc.	2014308539	Pioneer International Pty Ltd
2013382361	Government of the USA, as represented by The Secretary, Department of Health and Human Services; TdeltaS Limited	2014309382	Novartis AG
		2014310925	Johnson & Johnson Medical GmbH
2013384879	Immunovaccine Technologies Inc.	2014312245	Medivation Technologies LLC
2013400841	Cosmed Pharmaceutical Co., Ltd.	2014314512	Electrolux Appliances Aktiebolag
2013401464	Statoil Petroleum AS	2014315407	Alion Energy, Inc.
2014201412	Depuy Ireland Unlimited Company	2014318416	Baker Hughes Incorporated
2014201413	Depuy Ireland Unlimited Company	2014318434	Ingrid & Isabel, LLC
2014201465	Depuy Ireland Unlimited Company	2014320147	Poulton Technologies Limited
2014203701	Commonwealth Scientific and Industrial Research Organisation	2014322935	Olythe
		2014323493	Novartis AG
2014208197	Hayward Industries, Inc.	2014326418	HTC Management Services Limited
2014208903	Delayed Strike Technology Ltd	2014326596	Vertex Pharmaceuticals Incorporated
2014218730	AbbVie Stemcentrx LLC; Medimmune Limited	2014326934	Van Buskirk, P.
2014219048	The Regents of The University of California	2014330089	Agency for Science, Technology and Research
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2014223348	Astex Pharmaceuticals, Inc.	2014331906	Flomax International, Inc.
2014224219	Institut Quimic de Sarria CETS Fundacio Privada	2014334772	Sino Medical Sciences Technology, Inc.
2014225493	Xyleco, Inc.	2014336970	Keech Castings Australia Pty Limited
2014227463	JOHNSON & JOHNSON VISION CARE, INC.	2014337188	LanzaTech New Zealand Limited
2014229255	Novartis AG; Synthetic Genomics Vaccines, Inc.	2014337291	Eisai R&D Management Co., Ltd.
2014229730	DePuy (Ireland)	2014337314	Blueprint Medicines Corporation
2014229985	Nogra Pharma Limited	2014337552	Autonomix Medical, Inc.
2014230958	Euro-Celtique S.A.	2014341899	Kolon TissueGene, Inc.
2014231590	Klox Technologies Inc.	2014343601	Murphy, P.
2014236804	Takeda Vaccines, Inc.	2014344749	Cifelli, C.
2014237382	Bayer Healthcare, LLC.	2014348780	Dana-Farber Cancer Institute, Inc.
2014240320	GYRUS MEDICAL LIMITED	2014352830	Concordia University, Inc.; Marquette University
2014240988	Tris Pharma, Inc.	2014354752	Chapman, P.; Gilchrist, P.; Mulligan III, W.; Morris, W.; Little, K.; Marroquin, M.
2014243773	Sage Therapeutics, Inc.		Academisch Medisch Centrum; Academisch Ziekenhuis
2014243783	Genentech, Inc.	2014360942	Leiden h.o.d.n. LUMC
2014245777	Yava Technologies Inc.	2014363695	Intervet International B.V
2014247188	Polyphor AG	2014364306	DePuy Synthes Products, Inc.
2014247189	Polyphor AG	2014369048	DSM IP Assets B.V.
2014248509	Orange Maker LLC	2014370114	Novartis AG
2014251301	Alveo Energy, Inc.	2014373701	Google LLC
2014253045	BiomUp	2014374049	DePuy Synthes Products, Inc.
2014253195	Sanofi	2014382210	Lee, S.
2014254425	Insitu, Inc.	2014384867	FMC Technologies, Inc.
2014256884	Wei, L.; Liu, B.; Rabbani, E.; Donegan, J.; Nussenblatt, R.; Enzo Biochem, Inc.	2014399319	ArcelorMittal
		2014400928	LOTTE Fine Chemical Co., Ltd.
2014259567	Siemens Aktiengesellschaft; Clariant International Ltd.	2014411082	Techtronic Industries Company Limited
2014262160	C.R. Bard, Inc.	2014414796	Colgate-Palmolive Company
2014262427	BiOWiSH Technologies, Inc.	2014415575	Halliburton Energy Services, Inc.
2014262808	Juul Labs, Inc.	2015200364	The Boeing Company

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2015201599	Hustler Equipment Limited	2015311852	Bavarian Nordic A/S; The United States of America, as represented by The Secretary, Department of Health and Human Services; Janssen Vaccines & Prevention B.V.
2015202133	Ocean Grown Abalone Limited	2015318386	IFlyTek Co., Ltd.
2015203062	Industrie De Nora S.p.A.	2015322197	Rotacon Engineering Limited
2015203789	Bostik SA	2015322357	Nextbiomedical Co., Ltd.
2015204367	Aktiebolaget SKF	2015329319	Tokuhon Corporation; Taisho Pharmaceutical Co., Ltd.
2015204510	Saint-Gobain Placo SAS	2015331082	Dong Wha Pharm. Co., Ltd.
2015210419	PACCAR Inc	2015333703	Scientific Holdings, LLC
2015212986	EVEON	2015333921	Dow AgroSciences LLC
2015213900	Heptares Therapeutics Limited	2015334704	Gripple Limited
2015214189	The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Hawaii	2015335117	CMT Costruzioni Meccaniche e Tecnologia SpA
2015216967	Sirona Dental Systems GmbH	2015337909	Delta-Fly Pharma, Inc.
2015217394	Univation Technologies, LLC	2015340231	R Bio Co., Ltd.
2015220637	Lohr Electromecanique	2015340757	Planet GDZ AG
2015220806	Henkel AG & Co. KGaA	2015341221	Hunan Sundry Science and Technology Co., Ltd.
2015221286	Buchstaller, J.; Bittlinger, W.	2015342815	Novartis AG
2015221389	Ortho Regenerative Technologies Inc.	2015352498	Inventio AG
2015222280	Paul Hartmann AG	2015353118	Northwest University
2015226250	Idorsia Pharmaceuticals Ltd	2015353312	Zhongying Changjiang International New Energy Investment Co., Ltd.
2015226554	Hove A/S	2015357161	Inventio AG
2015227428	Deere & Company	2015363041	3M Innovative Properties Company
2015230895	Nestec S.A.	2015363613	Unilever PLC
2015231320	Stryker Corporation	2015366414	Inventio AG
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2015233491	Flumill AS	2015367705	Inventio AG
2015238173	Safran Electronics & Defense	2015367707	Inventio AG
2015238649	Siemens Aktiengesellschaft	2015372506	General Electric Company
2015243569	Cilag Ag	2015373431	Shell Internationale Research Maatschappij B.V.
2015244804	SEB S.A.	2015374401	Nautilus, Inc.
2015245200	Medacta International SA	2015375450	Runway Blue, LLC
2015245952	Naturo All Natural Technologies Pty. Ltd.	2015376309	Waldemar Link GmbH & Co. KG
2015249114	ALSTOM TRANSPORT TECHNOLOGIES	2015377922	Clariant International Ltd
2015250957	Magotteaux International S.A.	2015382164	Suntory Holdings Limited
2015253434	Orphomed, Inc.	2015390925	Razer (Asia-Pacific) Pte. Ltd.
2015256407	Microsoft Technology Licensing, LLC	2015394642	Outotec (Finland) Oy
2015256597	Anacor Pharmaceuticals, Inc.	2015401086	Huawei Technologies Co., Ltd.
2015257322	Davis, C.	2015401339	Huawei Technologies Co., Ltd.
2015257518	Les Laboratoires Servier	2015401986	Mitsubishi Electric Corporation
2015259685	Baker Hughes, a GE company, LLC	2015404580	Accenture Global Services Limited
2015260605	Unicharm Corporation	2015410544	Mitsubishi Electric Corporation
2015263825	Angelo Engineering P/L	2016212202	Betek GmbH and Co. KG
2015264615	Qualcomm Incorporated	2016213031	Taiho Pharmaceutical Co., Ltd.
2015273708	Sandvik Intellectual Property AB	2016215219	Milwaukee Electric Tool Corporation
2015276091	CHR. Hansen A/S	2016222953	Weatherford Technology Holdings, LLC
2015279013	Abloy Oy	2016228610	Phoenix Mecano Digital Elektronik GmbH
2015280958	Go, D.; Go, M.	2016228821	Robert Bosch GmbH
2015283922	Sustainable Bioproducts, Inc.	2016228975	Robert Bosch GmbH
2015284524	3M Innovative Properties Company	2016231485	Smith & Nephew, Inc
2015285809	Kuraray Co., Ltd.	2016231622	Spinal Elements, Inc.
2015286843	Ventana Medical Systems, Inc.	2016233668	Eli Lilly and Company
2015288753	Suntory Holdings Limited	2016235001	ViaCyte, Inc.
2015290405	Lotte Fine Chemical Co., Ltd.	2016238842	Aarhus Universitet
2015291232	Water Research Commission	2016238859	GENENTECH, INC.
2015291285	Illinois Tool Works Inc.	2016238912	GENERAL ALGORITHMS LTD.
2015292330	S.P.M. Flow Control, Inc.	2016243144	Senco Brands, Inc.
2015292354	S.P.M. Flow Control, Inc.	2016244152	Medtronic Xomed, Inc.
2015293227	Hitachi Zosen Corporation	2016244243	Nicoventures Holdings Limited
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2015295447	Allflex Europe	2016246104	Acacia Pharma Limited
2015295830	Xylem IP Management S.a r.l.	2016247074	CUB PTY LTD
2015303110	Nagravision S.A.	2016250039	Romi Systems AB Oy
2015306630	C.R. Bard, Inc	2016250507	Innovapark, LLC
2015306983	Avent, Inc.	2016251300	Alfa Laval Corporate AB
2015308039	Vaki Fiskeldiskerfi Hf.	2016251538	Frank's International, LLC
2015308438	Prexton Therapeutics SA	2016253788	Daewoong Co., Ltd.
2015308497	Welltec A/S		
2015310744	Outotec (Finland) Oy		

Applications Accepted - Numerical Index cont'd

2016255936	Xiamen University	2017206144	LG Electronics Inc.
2016263260	Fu, L.	2017210494	Ecolab USA Inc.
2016266965	Dyson Technology Limited	2017213581	President and Fellows of Harvard College
2016266981	Illumina Cambridge Ltd	2017218960	SHANG HAI PAN SHI TOU ZI GUAN LI YOU XIAN GONG SI
2016269447	Ionis Pharmaceuticals, Inc.	2017221879	SCHLUMBERGER TECHNOLOGY B.V.
2016272355	Wilhelm Layher Verwaltungs-GmbH	2017225025	Gelliner Limited
2016273819	Baxalta GmbH; Baxalta Incorporated	2017225057	Arch Wood Protection, Inc.
2016273958	KCI Licensing, Inc.	2017225088	Polaris Industries Inc.
2016273976	3M Innovative Properties Company	2017228561	SAMI LABS LIMITED
2016278642	Essity Hygiene and Health Aktiebolag	2017232270	AMOVA GmbH
2016280155	Twin Disc, Inc.	2017235906	AluHouse Technology (GD) Company Limited
2016280891	Cardiac Pacemakers, Inc.	2017239534	Toyota Jidosha Kabushiki Kaisha
2016280925	Kawasaki Jukogyo Kabushiki Kaisha	2017239613	Heraeus Medical GmbH
2016289260	Yau, K.	2017245403	Osio Corporation d/b/a Yolia Health
2016291545	Guang Dong OPPO Mobile Telecommunications Corp., Ltd.	2017245425	Rearden, LLC
2016294175	ExxonMobil Upstream Research Company	2017248418	Fuji Xerox Co., Ltd.
2016298130	Fractal Antenna Systems, Inc.	2017254816	Toyota Jidosha Kabushiki Kaisha
2016299063	Medlumics S.L.	2017261558	Glory Ltd
2016299064	Schenck Process Europe GmbH	2017264993	Perfect Company, a Delaware corporation
2016299453	Phoenix Conveyor Belt Systems GmbH	2017265165	Huawei Technologies Co., Ltd.
2016302961	Lin, H.	2017266873	Victaulic Company
2016320033	Fujitsu General Limited	2017268703	Jessi Lew Pty Limited
2016330336	OLKO Maschinentechnik GmbH	2017272158	Zhang, S.
2016339012	24/7 Customer, Inc.	2017281923	Colgate-Palmolive Company
2016347456	F. Hoffmann-La Roche AG	2018200621	Rhodia Operations
2016353034	Konecranes Global Corporation	2018202467	Cargill, Incorporated
2016355676	Cardiac Pacemakers, Inc.	2018202523	Accenture Global Solutions Limited
2016357633	Avadhuta, P.R.	2018203028	BioRest Ltd.
2016362672	MEDACTA INTERNATIONAL SA	2018204377	Samsung Electronics Co., Ltd.
2016362750	MEDACTA INTERNATIONAL SA	2018204387	Orler, A.J.
2016370902	Toyo Tire & Rubber Co., Ltd.	2018204607	ITT Manufacturing Enterprises LLC
2016372030	Smith & Wesson Corp.	2018208703	Fok, Y.H.
2016372936	Moon, S.		
2016379845	WavePharma, LLC; Alumend, LLC		
2016388432	Samsung Electronics Co., Ltd.		
2016392577	Ozzie's Enterprises LLC		
2016392763	Komatsu Ltd.		
2016393022	Nagaki Seiki Co., Ltd.		
2016398617	Motorola Solutions, Inc.		
2017200044	Cayman Chemical Company, Inc.		
2017200202	Alcyone Lifesciences, Inc.		
2017200331	Sunovion Pharmaceuticals Inc.		
2017200425	Aristocrat Technologies Australia Pty Limited		
2017200578	Nant Holdings IP, LLC		
2017200672	Rowan University		
2017200676	Bayer Consumer Care AG		
2017201007	Sanofi		
2017201008	Sanofi		
2017201201	XBiotech, Inc.		
2017201391	Jensen, G.		
2017201969	Shell Internationale Research Maatschappij B.V.		
2017202112	Frank's International, LLC		
2017202323	Inventio AG		
2017202477	The Board of Trustees of the University of Illinois		
2017202514	Samsung Electronics Co., Ltd.		
2017202789	Canon Kabushiki Kaisha		
2017202794	Fuji Xerox Co., Ltd.		
2017202821	Metavention, Inc.		
2017203066	Board of Regents, The University of Texas System		
2017203149	Big Bang Markets Limited		
2017203407	Avery Dennison Corporation		
2017203755	Vermeer Manufacturing Company		
2017203906	Presbibio, LLC.		
2017204006	Trudell Medical International		
2017204072	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED		
2017204201	Xyleco, Inc.		
2017204387	Weber-Stephen Products LLC		
2017204458	Hologic, Inc.		
2017204603	Ricoh Company, Ltd		
2017204624	Apple Inc.		
2017204809	Facebook, Inc.		

IPC Index

<u>A01B 73 /-</u>	<u>A01P 7 /-</u>		2014323493	<u>A61F 9 /-</u>	2013252495
2015322197	2014363695	<u>A47D 9 /-</u>		2017203906	2013258849
<u>A01D 34 /-</u>	<u>A21B 3 /-</u>	2018208703	<u>A61B 5 /-</u>	2017245403	2013384879
2014411082	2014343601	<u>A47G 29 /-</u>	2014273077		2014218730
<u>A01D 87 /-</u>	<u>A21D 10 /-</u>	2016388432	2014277079	<u>A61J 1 /-</u>	2014220668
2015201599	2015294192	<u>A47G 9 /-</u>	2014309382	2014237382	2014229255
<u>A01F 15 /-</u>	<u>A22C 7 /-</u>	2017201391	2015284524	2015212986	2014236804
2015227428	2014343601	<u>A47J 27 /-</u>	2016299063		2014243783
<u>A01F 29 /-</u>	<u>A23B 7 /-</u>	2015244804	<u>A61B 6 /-</u>	<u>A61K 31 /-</u>	2014256884
2015201599	2015245952	<u>A47J 37 /-</u>	2017204458	2013337651	2014267222
<u>A01H 5 /-</u>	<u>A23C 9 /-</u>	2014277360	<u>A61B 7 /-</u>	2013384879	2015311852
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<u>A01J 25 /-</u>	<u>A23G 1 /-</u>	2015401986	2016299063	2014240988	2017201007
2015335117	2015294192	2016278642	<u>A61C 11 /-</u>	2014243773	2017201008
<u>A01K 11 /-</u>	<u>A23L 2 /-</u>	<u>A47K 10 /-</u>	2016372936	2014285019	2017201201
2015295447	2018202467	2014343601	2017268703	2014306021	<u>A61K 41 /-</u>
<u>A01K 29 /-</u>	<u>A23L 33 /-</u>	2016289260	<u>A61C 13 /-</u>	2014306345	2014231590
2015288753	2015230895	<u>A47K 5 /-</u>	2014273284	2014312245	<u>A61K 45 /-</u>
2015382164	<u>A23L 5 /-</u>	<u>A47L 15 /-</u>	2016372936	2014326596	2014223348
2013226224	2015230895	2017210494	2017268703	2014330089	<u>A61K 47 /-</u>
<u>A01K 5 /-</u>	<u>A23L 5 /-</u>	2016266965	<u>A61C 19 /-</u>	2014337291	<u>A61K 47 /-</u>
2013226224	2015288753	<u>A61B 1 /-</u>	2015284524	2014337314	<u>A61K 47 /-</u>
2015201599	<u>A23N 12 /-</u>	2014293390	<u>A61C 7 /-</u>	2014352830	2014266254
<u>A01K 61 /-</u>	<u>A24F 47 /-</u>	2014370114	2016372936	2014363695	2015329319
2015202133	2014262808	2014374049	<u>A61C 8 /-</u>	2015213900	2015337909
2015308039	2016244243	2015284524	2014331254	2015221389	2016379845
<u>A01M 25 /-</u>	<u>A41D 1 /-</u>	<u>A61B 17 /-</u>	<u>A61C 8 /-</u>	2015226250	<u>A61K 48 /-</u>
2015221286	2014318434	2013324023	2016372936	2015233140	2013337651
<u>A01M 31 /-</u>	<u>A41F 9 /-</u>	2014201465	<u>A61C 8 /-</u>	2015253434	2014229985
2015221286	2014318434	2014268210	2014331254	2015308438	2016269447
<u>A01N 43 /-</u>	<u>A45C 11 /-</u>	2014268211	<u>A61C 8 /-</u>	2015329319	<u>A61K 6 /-</u>
2014363695	2016398617	2014364306	2014331254	2015337909	2014414796
2017225057	2014318434	2014374049	<u>A61C 8 /-</u>	2016213031	<u>A61K 8 /-</u>
<u>A01N 55 /-</u>	<u>A45F 3 /-</u>	2015231320	<u>A61D 7 /-</u>	2016238842	<u>A61K 8 /-</u>
2015256597	2016398617	2015376309	<u>A61D 7 /-</u>	2016246104	2013380233
<u>A01N 65 /-</u>	<u>A47C 7 /-</u>	2016231485	2014305235	2016255936	2013382361
2017272158	2017201391	2016362672	<u>A61F 13 /-</u>	2017200044	2014231590
<u>A01P 3 /-</u>		2016362750	<u>A61F 13 /-</u>	2017202477	2014414796
2017225057		<u>A61B 18 /-</u>	<u>A61F 13 /-</u>	<u>A61K 33 /-</u>	2015220806
		2012362524	2015222280	2014414796	2015363613
		2013381016	2015260605	<u>A61K 35 /-</u>	2016379845
		2014240320	2017200331	2014219048	2017200676
		2014337552	<u>A61F 2 /-</u>	2014262427	2017281923
		2016299063	2013324023	2015221389	<u>A61K 9 /-</u>
		<u>A61B 3 /-</u>	2014201412	<u>A61K 36 /-</u>	2014223348
			2014201413	2015331082	2014224219
			2014201465	2016263260	2014231590
			2014229730		2014240988
			2014253045	<u>A61K 38 /-</u>	2014262427
			2014310925	2013337651	2014266254
			2014334772	2014224219	2014267222
			2015245200	2014247189	2015221389
			2015376309	2015353118	2015329319
			2016231485	2016347456	2015337909
			2016231622	2017245403	2015342815
			2016362672	<u>A61K 39 /-</u>	2016246104
					2018203028

Applications Accepted - IPC Index cont'd

A61L 15 /-	2016233668 2017200202	2013337651 2013351292 2013384879 2014219048 2014220668 2014223348 2014285019 2014330089 2014337291 2014337314 2014352830 2015214189 2015337909 2016213031 2016255936 2017201007 2017201008 2017202477	A63B 53 /-	B05B 1 /-	B29B 11 /-
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A61L 24 /-	2016244152 2016280891 2016355676 2017202821		A63B 69 /-	B05B 11 /-	B29C 41 /-
2015221389 2017239613			2014208903	2016289260	2015394642
A61L 27 /-	A61N 5 /-		A63F 13 /-	B05B 7 /-	B29C 44 /-
2015221389	2014231590		2017200425	2016273976	2016370902
A61L 29 /-	A61P 1 /-		B01D 15 /-	B05B 9 /-	B29C 49 /-
2015306630	2016246104		2014225493	2015226554	2015233334
A61L 31 /-	A61P 11 /-		B01D 17 /-	B07C 5 /-	B29C 53 /-
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A61M 1 /-		2013258849 2014223348 2016213031 2016273819 2017201007 2017201008	B01D 19 /-	B08B 1 /-	B29C 65 /-
2014290685	A61P 17 /-		2013349669	2015341221	2015233334
A61M 11 /-	2014231590 2016213031 2017200044 2017201201	A61P 43 /-	B01D 3 /-	B09B 3 /-	B29C 67 /-
2015322357		2016213031	2013349669	2015377922	2014248509
A61M 13 /-	A61P 19 /-		B01D 35 /-	B22D 17 /-	B29C 73 /-
2015322357	2015221389 2016213031 2017200044	A61P 9 /-	2017206144	2015280958	2015200364
A61M 15 /-		2015214189 2015353118	B01D 46 /-	B22D 18 /-	B29K 105 /-
2014230958	A61P 25 /-	A61Q 11 /-	2012326651	2015280958	2015233334
A61M 16 /-	2013337651 2014243773 2014326596 2014352830 2015233140 2015253434 2015308438 2017200044	2014414796 2017281923	B01J 19 /-	B23D 45 /-	B29L 31 /-
2014293390 2017204006			2017204201	2016228821	2015200364
A61M 25 /-	A61Q 13 /-	A61Q 13 /-	B01J 23 /-	B23D 47 /-	B32B 15 /-
2014262160 2014293362 2017200202	2015220806	2015220806	2015293227	2016228821	2015285809
A61M 3 /-	A61Q 15 /-	A61Q 15 /-	B01J 37 /-	B23K 9 /-	B32B 9 /-
2014237382	2014414796 2015363613	2014414796 2015363613	2015293227	2013401464	2015285809
A61M 31 /-	A61P 27 /-	A61Q 17 /-	B02C 13 /-	B23Q 7 /-	B41J 2 /-
2017203066	2015342815 2017200044	2013382361 2017200676	2015341221	2016353034	2017248418
A61M 35 /-	A61P 29 /-	A61Q 19 /-	B02C 15 /-	B25C 1 /-	B60D 5 /-
2015322357	2015329319 2016213031 2017201201	2013382361 2014231590 2015220806	2015250957	2016243144	2015249114
A61M 37 /-	A61P 3 /-	A61Q 19 /-	B02C 4 /-	B25D 17 /-	B60K 13 /-
2013400841	2014330089 2015214189	2013382361 2014231590 2015220806	2015250957	2014271218	2017225088
A61M 39 /-	A61P 31 /-	A61Q 5 /-	B03D 1 /-	B25F 5 /-	B60N 2 /-
2014237382	2013258849 2015214189 2016263260 2016347456	2013380233 2015220806	2015394642	2014271218 2015231320	2015257322
A61M 5 /-	A61P 35 /-	A62B 35 /-	B04B 1 /-	B25J 9 /-	B60P 3 /-
2014230958 2014237382 2014253195 2014277300 2015333703	2013258849 2015214189 2016263260 2016347456	2016393022	2016251300	2017213581	2015263825
		A63B 21 /-	B04B 11 /-	B27B 5 /-	B62D 21 /-
		2015374401	2016251300	2016228821 2016228975	2017225088
			B04B 13 /-		B62D 25 /-
			2016251300		2015210419

Applications Accepted - IPC Index cont'd

<u>B62D 63 /-</u>		<u>B66F 19 /-</u>		<u>C07D 489 /-</u>	<u>C08B 1 /-</u>
2017225088	<u>B65D 90 /-</u>	2015291285	<u>C07D 209 /-</u>	2015243569	2015377922
	2015394642		2017202477	2015253434	
<u>B62D 65 /-</u>	<u>B65G 1 /-</u>	<u>C02F 1 /-</u>	<u>C07D 217 /-</u>	<u>C07D 491 /-</u>	<u>C08F 2 /-</u>
2017225088	2016353034	2013270560	2014306345	2014306345	2015217394
<u>B62J 15 /-</u>	2017232270	2015291232		2015213900	<u>C08F 210 /-</u>
2017225088	<u>B65G 15 /-</u>	2017206144	<u>C07D 223 /-</u>	<u>C07D 493 /-</u>	2015217394
	2016299453		2015257518	2015214189	<u>C08F 4 /-</u>
<u>B62J 35 /-</u>	<u>B65G 35 /-</u>	2015291232	<u>C07D 239 /-</u>	<u>C07D 495 /-</u>	2015217394
2017225088	2017232270		2014337291	2015308438	<u>C08G 101 /-</u>
<u>B62K 11 /-</u>	<u>B65G 37 /-</u>	2015291232	<u>C07D 261 /-</u>	<u>C07D 498 /-</u>	2016370902
2017225088	2016353034	2015295830	2014363695	2015233140	<u>C08G 18 /-</u>
<u>B62K 19 /-</u>	<u>B65G 43 /-</u>	<u>C05F 11 /-</u>	<u>C07D 307 /-</u>	<u>C07D 519 /-</u>	2016370902
2017225088	2014271234	2018200621	2014285019	2015233140	<u>C08G 73 /-</u>
<u>B62K 25 /-</u>	2016299453	<u>C05F 15 /-</u>	<u>C07D 401 /-</u>	<u>C07F 9 /-</u>	2014224219
2017225088	<u>B65G 45 /-</u>	2018200621	2015213900	2016255936	<u>C08J 3 /-</u>
<u>B62M 7 /-</u>	2016299453	<u>C07B 61 /-</u>	2016266981	<u>C07H 19 /-</u>	2015221389
2017225088	<u>B65G 57 /-</u>	2015293227	<u>C07D 403 /-</u>	2016266981	<u>C08J 9 /-</u>
<u>B64C 21 /-</u>	2016353034	<u>C07C 1 /-</u>	2017200044	<u>C07H 21 /-</u>	2016370902
2014271302	<u>B65G 63 /-</u>	2015293227	<u>C07D 405 /-</u>	2013312455	<u>C08L 101 /-</u>
<u>B64C 23 /-</u>	2017232270	<u>C07C 233 /-</u>	2014285019	<u>C07J 9 /-</u>	2016370902
2014271302	<u>B66B 1 /-</u>	2015253434	2014306345	2014243773	<u>C08L 5 /-</u>
<u>B65B 51 /-</u>	2015357161	<u>C07C 251 /-</u>	2014337291	<u>C07D 409 /-</u>	2015221389
2014268746	2015366481	2014352830	2015213900	2014285019	<u>C07K 1 /-</u>
<u>B65B 59 /-</u>	2016330336	<u>C07C 39 /-</u>	2015213900	2016273819	<u>C09B 23 /-</u>
2014268746	<u>B66B 15 /-</u>	2014352830	<u>C07D 413 /-</u>	<u>C07K 14 /-</u>	2016266981
	2015366414	<u>C07C 51 /-</u>	2014285019	2013258849	<u>C09J 153 /-</u>
<u>B65B 61 /-</u>	<u>B66B 19 /-</u>	2014369048	2014337291	2013310979	2015203789
2014268746	2015366478		2015213900	2014229985	<u>C09K 15 /-</u>
<u>B65B 9 /-</u>	<u>B66B 5 /-</u>	<u>C07C 53 /-</u>	<u>C07D 417 /-</u>	2014341899	2015288753
2014268746	2015367705	2014369048	2014285019	2014360942	
<u>B65D 47 /-</u>	2015367707	<u>C07C 57 /-</u>	2015213900	2016253788	<u>C07K 16 /-</u>
2015375450	2016330336	2014369048	<u>C07D 471 /-</u>	2013351292	<u>C09K 8 /-</u>
	2017202323		2014312245	2014218730	2016280155
<u>B65D 65 /-</u>	<u>B66B 7 /-</u>	<u>C07C 62 /-</u>	2014330089	2014220668	<u>C10K 3 /-</u>
2015285809	2015352498	2014352830	2015213900	2016273819	2014259567
2018204387	<u>B66C 1 /-</u>	<u>C07C 69 /-</u>	2015233140	2017201007	<u>C10L 5 /-</u>
<u>B65D 81 /-</u>	2017202112	2014352830	<u>C07D 487 /-</u>	2017201008	2014400928
2015285809	<u>B66C 13 /-</u>	2015220806	2014326596	<u>C07K 5 /-</u>	2015290405
<u>B65D 85 /-</u>	2016330336	<u>C07C 9 /-</u>	2014330089	2015353118	<u>C12C 3 /-</u>
2018204387	<u>B66D 1 /-</u>	2015293227	2014337314	2016347456	2015382164
<u>B65D 88 /-</u>	2016330336	<u>C07D 207 /-</u>	2015226250	<u>C07K 7 /-</u>	<u>C12C 7 /-</u>
2015394642		2017200044	2016213031	2014247188	2015382164
			2016255936	2014247189	
			2017202477		

Applications Accepted - IPC Index cont'd

C12G 3 /-	C22B 13 /-	2014336970	2015259685	F04D 29 /-	F16L 23 /-
2015288753	2014245777	E04B 1 /-	2017221879	2014299133	2013401464
C12M 1 /-	C22B 15 /-	2015291285	E21B 41 /-	2018204607	F16L 25 /-
2017254816	2014245777	2017235906	2015308497	F04F 7 /-	2015200503
C12N 1 /-	C22B 3 /-	E04C 2 /-	2016251538	2016273958	F16L 3 /-
2013252495	2014245777	2015204510	E21B 43 /-	F15D 1 /-	2015334704
2017228561	2014245777	E04G 1 /-	2016280155	2014326934	F16L 37 /-
C12N 15 /-	C22B 7 /-	2016272355	2017201969	F16B 45 /-	2014320147
2013240364	2014245777	E04G 21 /-	E21B 44 /-	2016393022	2015226554
2013258849	C25B 1 /-	2015291285	2016222953	F16B 7 /-	F16L 55 /-
2013310979	2016302961	E04H 1 /-	2016392577	2015334704	2014326418
2013312455	C25B 13 /-	2017235906	E21B 47 /-	F16C 32 /-	F16L 58 /-
2013337651	2016302961	E04H 6 /-	2015259685	2016280925	2014326418
2014229985	C25B 15 /-	2014344749	2015308497	F16C 33 /-	F16N 37 /-
2015333921	2016302961	E04H 7 /-	2017201969	2015204367	2015226554
2016244244	2016302961	E04H 7 /-	E21C 35 /-	2016280925	F16N 7 /-
C12N 5 /-	C25B 9 /-	2015394642	2016212202	2017239534	2015226554
2013312455	2016302961	E05B 19 /-	E21D 21 /-	F16D 19 /-	F21L 4 /-
2013337651	C25C 1 /-	2015279013	2015273708	2015227428	2016215219
2015333921	2015203062	E05B 67 /-	F01D 25 /-	F16H 57 /-	F21S 8 /-
2015340231	2015203062	2015279013	2016280925	2016228821	2016228610
2016235001	C25C 7 /-	E05B 83 /-	F02M 35 /-	2016299064	F21S 9 /-
2016238859	2015203062	2015210419	2017225088	2012326651	2016215219
2016253788	C40B 20 /-	E06B 7 /-	F03B 13 /-	2016280925	F21V 15 /-
C12N 7 /-	2014348780	2015340757	2015233491	F16K 1 /-	2016228610
2013258849	C40B 30 /-	E21B 10 /-	2016357633	2014208197	F21V 23 /-
C12N 9 /-	2014256884	2014415575	F03B 17 /-	F16K 3 /-	2016215219
2013337651	2014348780	2016212202	2015233491	2016392763	2016215219
2014348780	D04H 1 /-	E21B 12 /-	F04B 1 /-	F16K 31 /-	F21V 29 /-
C12P 1 /-	2015260605	2014415575	2015292330	2016392763	2016215219
2015377922	D06F 39 /-	E21B 17 /-	F04B 19 /-	F16L 1 /-	2016228610
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2014306345	D06F 58 /-	2017203755	F04B 43 /-	F16L 15 /-	2016228610
C12P 7 /-	2014314512	E21B 19 /-	2016273958	2017203755	F21W 131 /-
2014337188	E01C 23 /-	2016251538	F04B 45 /-	F16L 19 /-	2016228610
2015283922	2016212202	2017202112	2016273958	2014320147	F21Y 115 /-
2017254816	E01F 9 /-	E21B 21 /-	2016273958	2017266873	2016215219
C12Q 1 /-	2017203407	2016222953	F04B 53 /-	F16L 21 /-	F24F 11 /-
2013273953	E02F 3 /-	2014318416	2015292354	2014320147	2014308539
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C12R 1 /-					
2016253788					
C22B 1 /-					
2015310744					
C22B 11 /-					
2014245777					

Applications Accepted - IPC Index cont'd

2014203701	<u>G01C 21 /-</u>	<u>G02B 27 /-</u>			
<u>F25B 49 /-</u>	2017218960	2015390925	<u>G06Q 50 /-</u>	<u>H01R 24 /-</u>	<u>H04L 25 /-</u>
2016320033	<u>G01F 1 /-</u>		2017204809	2015256407	2017245425
<u>F25D 17 /-</u>	2014326934	<u>G02B 5 /-</u>	<u>G06T 19 /-</u>	<u>H01R 39 /-</u>	<u>H04L 29 /-</u>
2016247074	2016273958	2015390925	2014254425	2016228975	2017204624
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<u>F25D 21 /-</u>	2014290685	2014227463	2013343577	2014384867	2015264615
2015410544		2017245403			
<u>F25D 23 /-</u>	<u>G01F 19 /-</u>	<u>G03G 15 /-</u>	<u>G07D 11 /-</u>	<u>H02G 3 /-</u>	<u>H04L 9 /-</u>
2017202514	2013226224	2015363041	2017261558	2014384867	2013288269
	<u>G01F 23 /-</u>	2017204603	<u>G07D 13 /-</u>	<u>H02H 5 /-</u>	<u>H04M 19 /-</u>
<u>F25J 1 /-</u>	2014290685		2017261558	2017204387	2016291545
2015373431		<u>G04R 60 /-</u>			
2016294175	<u>G01G 19 /-</u>	2016298130	<u>G07F 19 /-</u>	<u>H02J 7 /-</u>	<u>H04M 3 /-</u>
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<u>F26B 11 /-</u>	<u>G01J 1 /-</u>	<u>G05D 9 /-</u>	2017203149	2015238649	2017202789
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<u>F26B 7 /-</u>	<u>G01K 1 /-</u>	<u>G06F 1 /-</u>	2014277079	2015220637	<u>H04N 21 /-</u>
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2015216967	2016320033	2013201725	2016250507	2015238649	2015310896
<u>F28F 3 /-</u>	<u>G01N 13 /-</u>	2017204809	2017203407	<u>H02K 3 /-</u>	<u>H04R 29 /-</u>
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<u>F28F 9 /-</u>	<u>G01N 21 /-</u>	<u>G06F 19 /-</u>	2013351147	<u>H02K 7 /-</u>	<u>H04W 28 /-</u>
2016320033	2014322935	2013288269	<u>G09F 13 /-</u>	2016299064	2017265165
	2015363041	2017200578	2017203407	<u>H02P 29 /-</u>	<u>H04W 4 /-</u>
<u>F41A 11 /-</u>	<u>G01N 29 /-</u>	<u>G06F 21 /-</u>	<u>G10L 15 /-</u>	2015220637	2017218960
2016372030	2014290685	2013201725	2012385479	<u>H02P 3 /-</u>	<u>H04W 72 /-</u>
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2016372030	2014256884	2017204624	2015231320	<u>H02S 20 /-</u>	2015401086
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2015238173	2014382210	<u>G06F 3 /-</u>	<u>H01M 4 /-</u>	<u>H02S 40 /-</u>	2015401086
<u>F41A 3 /-</u>	2016266981	2013351147	<u>H01M 10 /-</u>	2014399319	<u>H04W 84 /-</u>
	2017200672	2015401339	2014274717	<u>H03K 19 /-</u>	2015372506
2016372030		2016238912	<u>H01Q 1 /-</u>	2014373701	<u>H05B 37 /-</u>
<u>F41A 35 /-</u>	<u>G01R 31 /-</u>	<u>G06K 19 /-</u>	<u>H01R 107 /-</u>	<u>H04B 1 /-</u>	2017203407
2016372030	2015220637	2017225025	2015256407	2016398617	<u>H05K 7 /-</u>
<u>F41A 9 /-</u>	<u>G01V 15 /-</u>	<u>G06K 9 /-</u>	<u>H01R 13 /-</u>	<u>H04B 7 /-</u>	2014354752
2016372030	2015363041	2015318386	2014251301	2015264615	
<u>F41A 99 /-</u>	<u>G02B 1 /-</u>	2015404580	<u>H01Q 1 /-</u>	<u>H04L 12 /-</u>	
2016372030	2014227463	2017202794	2016298130	2016339012	
		<u>G06M 7 /-</u>	<u>H01R 107 /-</u>		
2016372030		2015308039	2015256407		
	<u>G02B 21 /-</u>	<u>G06Q 10 /-</u>	2014384867		
	2015286843	2018202523	2015256407		
			2016250039		

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Name Index

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

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 (54) Improving automatic speech recognition based on user feedback
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 (45) 13.12.2018
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 (72) KRISHNAMOORTHY, Mahesh; PAUL-
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 (74) FPA Patent Attorneys Pty Ltd

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Numerical Index

2017100301 Panels WA Pty Ltd
2018100492 BRIGHTGREEN PTY LTD
2018101475 Apple Inc.

IPC Index

E04B 1 /-

2017100301

F21V 21 /-

2018100492

G10L 15 /-

2018101475

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(The name in parentheses is that of the opponent)

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- 2016281762 **Sun Pharmaceutical Industries Australia Limited;
The University of York (Tasmanian Alkaloids Pty Ltd)**
- 2017228663 **Mayerle, D. (Seed Terminator Holdings Pty Ltd)**

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2013378665	2013378841	2013381879	2013381886
2013384331	2013387149	2013397838	2013403341
2014200486	2014201042	2014201204	2014201205
2014201491	2014201893	2014202397	2014202749
2014202888	2014203072	2014203246	2014205123
2014214850	2014218491	2014225636	2014226016
2014227623	2014228898	2014230640	2014230826
2014231716	2014233623	2014235004	2014235452
2014236561	2014236954	2014238074	2014241494
2014241552	2014244131	2014245783	2014248404
2014249310	2014251322	2014258969	2014259029
2014261870	2014270446	2014275835	2014280084
2014280169	2014280197	2014281408	2014282817
2014287212	2014288949	2014294780	2014298002
2014298099	2014298433	2014298629	2014310917
2014310918	2014313987	2014320704	2014321616
2014322842	2014323084	2014325916	2014329037
2014329477	2014331591	2014334760	2014336133
2014339233	2014345089	2014347079	2014351079
2014352000	2014352008	2014353437	2014354043
2014356184	2014358965	2014358967	2014359304
2014364744	2014367230	2014372506	2014372896
2014374461	2014375323	2014379441	2014390000
2014396695	2014408099	2014412015	2014414065
2014414821	2015202029	2015202938	2015204026
2015205600	2015206003	2015206504	2015208857
2015210393	2015215630	2015217567	2015218295
2015219295	2015221455	2015225560	2015228422
2015239999	2015240673	2015243402	2015247486
2015247515	2015254945	2015267068	2015268905
2015273026	2015277375	2015278765	2015286240
2015289249	2015290092	2015291339	2015295296
2015295519	2015295602	2015296519	2015298364
2015304269	2015305556	2015312265	2015317422
2015320101	2015320663	2015321493	2015322195
2015328025	2015330856	2015346375	2015346442
2015352162	2015356057	2015369797	2015383114
2015396176	2015411280	2015415833	2016202040
2016202189	2016203721	2016203738	2016204737
2016208257	2016210926	2016213864	2016213901
2016214192	2016214298	2016216536	2016219277
2016222353	2016222369	2016222385	2016222501
2016222829	2016229242	2016230539	2016231629
2016234952	2016237239	2016238966	2016250353
2016253944	2016256844	2016256989	2016266086
2016266101	2016269467	2016269503	2016271590
2016277600	2016277661	2016277698	2016298269
2016300248	2016308061	2016333713	2016352072
2016364376	2016394137	2017200251	2017200457
2017200460	2017200576	2017200843	2017201786
2017201914	2017201992	2017202225	2017202392
2017203034	2017203282	2017203530	2017203861

Patents Granted

Standard Patents

2017204652	2017206188	2017207324	2017210662
2017216487	2017228568	2017232071	2017245346
2017251767	2017251771		

Innovation Patents

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2018101509	2018101516	2018101556	2018101559
2018101596	2018101597	2018101602	2018101606
2018101612	2018101637	2018101645	2018101662
2018101663	2018101664	2018101665	2018101666
2018101667	2018101668	2018101669	2018101670
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- 2002245485 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**
- 2002301819 Qingdao D&D Electro Mechanical Technologies Co., Ltd. The patent has been assigned to **Qingdao D&D Intellectual Technologies Co., Ltd.**
- 2003265337 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**
- 2003302410 Nyskopunarmidstod Islands The patent has been assigned to **AMG Advanced Metallurgical Group Investment B.V.**
- 2004233846 Orexigen Therapeutics, Inc. The patent has been assigned to **Nalpropion Pharmaceuticals, Inc.**
- 2004269430 Flanagan, John. The patent has been assigned to **Medair Pty Ltd**
- 2004303777 BioNumerik Pharmaceuticals, Inc. The patent has been assigned to **Crown Bioscience, Inc.**
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- 2005237308 Novartis Vaccines and Diagnostics SRL The patent has been assigned to **GLAXOSMITHKLINE BIOLOGICALS SA**
- 2005295228 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**
- 2006302474 AMEI Technologies, Inc. The patent has been assigned to **Orthofix S.R.L.**
- 2006315105 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**
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- 2006324346 Frauscher Sensortechnik Holding GMBH The patent has been assigned to **Frauscher Sensortechnik GmbH**
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2009202418 LPG Finance Industrie The patent has been assigned to **LPG Systems**

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2011276961 St. Vincent's Hospital (Melbourne) Limited The patent has been assigned to **Sensitive Pty Ltd**

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2011354248 Fundacio Institut De Recerca De L'energia De Catalunya The patent has been assigned to **LEDMOTIVE TECHNOLOGIES, S.L.**

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2012214524 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**

2012261536 Silver Spring Networks, Inc. The patent has been assigned to **Itron Networked Solutions, Inc.**

2012270418 Kim, Hong The patent has been assigned to **Posvax Co., Ltd**

2012284483 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**

2012296567 AMEI Technologies, Inc. The patent has been assigned to **Orthofix S.R.L.**

2012357331 Huawei Device (Shenzhen) Co., Ltd. The patent has been assigned to **Huawei Device Co., Ltd.**

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2013297306 Kim, Hong-Jin The patent has been assigned to **Posvax Co., Ltd**

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2013302202 Berndorf Hueck Band- und Pressblechtechnik GmbH The patent has been assigned to **Berndorf Innovations und Technologie GmbH**

2013318370 Silver Spring Networks, Inc. The patent has been assigned to **Itron Networked Solutions, Inc.**

2014203401 Hermans, Ty The patent has been assigned to **IP Reserve Pty Ltd**

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2014223313 Global Kinetics Corporation Pty Ltd The patent has been assigned to **Global Kinetics Pty Ltd**

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2014318916 Silver Spring Networks, Inc. The patent has been assigned to **Itron Networked Solutions, Inc.**

2015101669 Jenbrook Pty. Limited The patent has been assigned to **Meluka Health Pty Ltd**

2015101906 Wyatt, Geoff The patent has been assigned to **OZM Australia Pty Ltd**

2015202298 The Sherwin-Williams Company The patent has been assigned to **SWIMC LLC**

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2016200197 Huawei Device (Shenzhen) Co., Ltd. The patent has been assigned to **Huawei Device Co., Ltd.**

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2016213809 HGST Netherlands B.V. The patent has been assigned to **Western Digital Technologies, Inc.**

2016219641 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**

2017101666 Cardinal Cyber Group Pty Ltd The patent has been assigned to **Jophiel Pty Ltd**

2017101725 C Bush & J Bush The patent has been assigned to **DISMOV PTY LTD**

2017200919 Valspar Sourcing, Inc. The patent has been assigned to **SWIMC LLC**

2017202793 Orexigen Therapeutics, Inc. The patent has been assigned to **Nalpropion Pharmaceuticals, Inc.**

2018100292 MCLACHLAN, Matthew; MCLACHLAN, Mark The patent has been assigned to **ANTSY LABS, LLC**

2018100693 Schaumann, Folker; Lange, Sebastian; Knezevic, Niko; Van Truong, Tung The patent has been assigned to **Starcluster Pty Ltd**

Mortgages Registered - Section 187, Reg. 19

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

2013252439 Nemaska Lithium Inc. (OMF Fund II (N) Ltd.)

2013270412 Nemaska Lithium Inc. (OMF Fund II (N) Ltd.)

2014231593 Nemaska Lithium Inc. (OMF Fund II (N) Ltd.)

2014339705 Nemaska Lithium Inc. (OMF Fund II (N) Ltd.)

2014339706 Nemaska Lithium Inc. (OMF Fund II (N) Ltd.)

2017101029 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

2017101051 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

2017101053 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

2017101054 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

2018100596 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

2018100599 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

2018100601 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

2018100602 Cephea Valve Technologies, Inc. (Abbott Vascular Inc.)

Discharge of a Mortgage

2009268025 Discharge of a Mortgage was made in the Register on 17.09.2018 .

Corrigenda

In Vol 31 , No 28 , Page(s) 4221 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name

Corrigenda

Runway Blue, LLC. Application No. 2015375450, under INID (54) correct the title to read Liquid dispensing container with multi-position vial and straw

In Vol 32 , No 12 , Page(s) 1689 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Quanta Associates, L.P., Application No. 2016305079, under INID (72) correct the co-inventor to Quaedvlieg, Phillip Howard

In Vol 32 , No 22 , Page(s) 3192 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bellicum Pharmaceuticals, Inc., Application No. 2016370470, under INID (72) correct the co-inventor to Collinson-Pautz, Matthew Robert

In Vol 32 , No 25 , Page(s) 3594 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name C.R.Bard, Inc., Application No. 2016380149, under INID (72) correct the co-inventor to Conidi, John

In Vol 32 , No 27 , Page(s) 3923 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Landmark Graphic Corporation, Application No. 2016393203, under INID (71) correct the applicant name to Landmark Graphics Corporation

In Vol 32 , No 36 , Page(s) 5065 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2016** Delete all reference to 2016400807

In Vol 32 , No 47 , Page(s) 6598 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2014** Delete all reference to 2014360184.

In Vol 32 , No 47 , Page(s) 6598 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2014** Delete all reference to 2014364180.

In Vol 32 , No 47 , Page(s) 6598 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018200749.

In Vol 32 , No 47 , Page(s) 6598 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018222948.

In Vol 32 , No 47 , Page(s) 6598 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018223031.

In Vol 32 , No 47 , Page(s) 6598 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018226377.

In Vol 32 , No 47 , Page(s) 6600 under the heading **Amendments - Application for Amendments** Under the name S T Couplers Limited, Application No. 2013211543 correct the date of the statements filed to read 24 Aug 2018 and 12 Nov 2018

In Vol 32 , No 47 , Page(s) 6600 under the heading **Amendments - Application for Amendments** Under the name ViiV Healthcare Company, Application No. 2014202406 correct the date of the statements filed to read 30 Oct 2018 and 20 Nov 2018

Corrigenda

In Vol 32 , No 47 , Page(s) 6641 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name DSM IP Assets B.V., Application No. 2017296386, under INID (72) correct the co-inventor to Priefert, Horst

Specifications Republished

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

2013230232	Life Science Inkubator Betriebs-GmbH & Co. KG
2014311591	Cameron Solutions, Inc.
2014329817	United States Gypsum Company
2015217391	Univation Technologies, LLC
2015255013	IONTAS Limited
2016260877	Dana Belgium N.V.
2016340018	The Australian National University
2016340023	The Australian National University
2016359171	Qualcomm Incorporated
2016363711	Limmatech Biologics AG; Eidgenössische Technische Hochschule Zürich
2016384312	HomeServe plc
2016390095	Mitsubishi Electric Corporation
2017230729	ConocoPhillips Company