



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE -

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

(iv) OPPOSITION -

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

(v) GRANTING -

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID 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 Provisional application <u>number</u>	(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 No.</u>	<u>ITEM</u>	<u>INID 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 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.

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 30 January 2020
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Steven Borovec v K-fee System GmbH [2020] APO 2

Patent Application: 2013279478

Title: Portion capsule and method for producing a beverage by means of a portion capsule

Patent Applicant: K-fee System GmbH

Opponent: Steven Borovec

Delegate: R Subbarayan

Decision Date: 15 January 2020

Hearing Date: 16 October 2019, in Melbourne

Catchwords: **PATENTS** – opposition to grant of a patent – portion capsule for producing a beverage – whether the claims are novel – whether claims are for a manner of manufacture – whether claims are useful – whether the specification is clear enough and complete enough – whether the claims are supported – whether the claims are clear – some of the claims lack an inventive step – none of the other grounds made out – costs awarded

Representation:
Counsel for the applicant: Andrew Musgrave
Patent attorney for the applicant: Collison & Co
Counsel for the opponent: Ian Horak and Lucy Davis
Patent attorney for the opponent: Churchill Attorneys

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 30 January 2020
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Amicus Therapeutics, Inc. [2020] APO 4

Patent Application: 2018220047

Title: A Method for Treatment of Fabry Disease

Patent Applicant: Amicus Therapeutics, Inc.

Delegate: Dr Leslie F. McCaffery, Deputy Commissioner of Patents

Decision Date: 21 January 2020

Hearing Date: Written submissions filed on 11 November 2019

Catchwords: **PATENTS** – request to extension of time under section 223(2)(a) to file an application for a patent of addition and extend the grace period prescribed in Regulation 2.2C(3) – full and frank disclosure – no evidence adduced that establishes that Counsel was expected or obliged to make enquiries about grace period provisions in Australia, therefore no error in not making such enquiries – extension of time refused.

Representation: Patent attorney for the applicant: Dark IP

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 30 January 2020
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

ACN 004 552 363 Pty Ltd v ICM Airport Technics Australia Pty Ltd [2020] APO 3

Patent Application: 2015222687

Title: Luggage processing station and system thereof

Patent Applicant: ICM Airport Technics Australia Pty Ltd

Opponent: ACN 004 552 363 Pty Ltd

Delegate: Dr V. Z. Kolev

Decision Date: 21 January 2020

Hearing Date: 22 October 2019, in Canberra

Catchwords: **PATENTS** – section 59 opposition to grant of a patent – novelty – inventive step – manner of manufacture – regulation 5.23 – luggage processing station – dynamic virtual zone around the piece of luggage – adjusting the volume of the zone to accommodate different sizes of luggage – opposition unsuccessful on all grounds – material not consulted under regulation 5.23 – costs awarded

Representation: Counsel for the applicant: Mr Ian Horak

Patent attorney and solicitor for the applicant: Mr Anthony Alder of Alder IP Pty Ltd, IP Lawyers and Patent Attorneys

Observer for the applicant: Mr Rainer Dinkelmann of ICM Airport Technics Australia Pty Ltd

Counsel for the opponent: Ms Clare Cunliffe

Patent attorney and solicitor for the opponent: Mr Stuart D'Aloisio and Mr Tim Rankin of Ashurst Australia

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 14 Jan 2020 .

Ainger, Z. see M.L CILIA & M.C COLSON	(21) 2020900152	ations with variable climates as they can be easily switched from single to joint or vice versa. It can be in various sizes.	(71) C Lau Pty Ltd; Gomes, F. (21) 2020900106 (22) 15.01.2020 (54) Improved Continence Pad
Allison, I. see Allison, H.	(21) 2020900103		
(71) Allison, H.; Allison, I. (21) 2020900103 (22) 14.01.2020 (54) Asset Finance Fintech Solution		(71) Biddington, J.; Jones, F. (21) 2020900153 (22) 20.01.2020 (54) Games apparatus and method of playing a game	(71) Cluso Vision Systems Pty Ltd (21) 2020900112 (22) 16.01.2020 (54) ELECTRONIC INVENTORY MANAGEMENT SYSTEM AND STORAGE UNIT FOR SAME
(71) Allsop, J. (21) 2020900154 (22) 20.01.2020 (54) Axis for torsion bar rotation		(71) Blakemere Engineering Pty Ltd (21) 2020900137 (22) 17.01.2020 (54) Subsea Filter	(71) Cole, C.; Spiriyagin, M.; Bernal, E. (21) 2020900085 (22) 13.01.2020 (54) Smart sensor node device and method for detecting faults and abnormal conditions on-board vehicles and distributed networks
(71) Alterity Therapeutics Limited (21) 2020900128 (22) 17.01.2020 (54) PROCESSES FOR PREPARING 8-HYDROXY QUINOLINE DERIVATIVES		(71) Brian Investments Pty Ltd (21) 2020900090 (22) 13.01.2020 (54) A DUAL THREAD FASTENER ASSEMBLY	(71) Colson, M. see M.L CILIA & M.C COLSON (21) 2020900152
(71) AmPro Innovations Pty Ltd (21) 2020900149 (22) 20.01.2020 (54) Additive Manufacturing Powder Re-Coater Arrangement		(71) Bui, T. (21) 2020900121 (22) 16.01.2020 (54) Flying System	(71) CRPS Solutions Pty Ltd (21) 2020900118 (22) 16.01.2020 (54) System and method for stimulating dendrites in a spinal cord
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2020900076 (22) 12.01.2020 (54) Dimensionally Stable Mineral Based Composites		(71) Carrington, A.; Smith, B. (21) 2020900071 (22) 10.01.2020 (54) FLOAT VESSEL FOR MATERIALS	(71) Curcija, M. (21) 2020900104 (22) 14.01.2020 (54) 3i Management Modelling©
(71) Baheti, M. (21) 2020900101 (22) 14.01.2020 (54) Multipurpose blanket and quilt This multipurpose quilt comes with a easily attachable and detachable fleece layer. The fleece layer can be combined with quilt for cold temperatures or used singly on warm temperatures. The layers are held together by temporary fastening mechanisms like zippers or loop and loop velcrow. These multi purpose blankets can be very useful in loc-		(71) Caulley, B. (21) 2020900016 (22) 05.01.2020 (54) A PROCESS FOR NON PLANAR 3D PRINTING WITHIN A VOLUME OF SPACE	(71) Data Critical Pty Ltd (21) 2020900098 (22) 14.01.2020 (54) Server rack containment system
		(71) Cilia, M. see M.L CILIA & M.C COLSON (21) 2020900152	(71) de Geeter, P. (21) 2020900088 (22) 13.01.2020 (54) FireChoke
			(71) Ecocool Pty Ltd (21) 2020900099 (22) 14.01.2020 (54) Energy Flow Management System for Residences

Provisional Applications Filed - Name Index cont'd

(71) Eyres, R.
 (21) 2020900081 (22) 13.01.2020
 (54) EYREGEN POWER STORAGE RE-
 GENERATING SYSTEM

(71) Fisher, C.
 (21) 2020900073 (22) 11.01.2020
 (54) Rotatable conveyor idler carrier frame

(71) FOOD & BEVERAGE INSTITUTE PTY LTD
 (21) 2020900138 (22) 17.01.2020
 (54) Fresh herbs in a cup.

(71) FOOD & BEVERAGE INSTITUTE PTY LTD
 (21) 2020900139 (22) 17.01.2020
 (54) The fresh herbs are placed in a material that is bio based making the whole product natural. The invention is taking herbs out of plastic made from oils into bio based / compostable materials. This delivers nil oil based packaging into land fill. The invention is making a packaging solution that is 100% natural. This does not currently exist.

(71) Fortescue Metals Group Ltd
 (21) 2020900156 (22) 21.01.2020
 (54) Feed Distribution System

(71) Fung, E.
 (21) 2020900125 (22) 17.01.2020
 (54) Cap system for a camera body and a camera lens

(71) Gardner, A.
 (21) 2020900082 (22) 13.01.2020
 (54) Plastic water bottle.

(71) GBL IP PTY LTD
 (21) 2020900150 (22) 20.01.2020
 (54) LIGHT EMITTING DEVICE ADAPTED TO BE WORN WHILE SLEEPING

(71) Germon, J.
 (21) 2020900096 (22) 14.01.2020
 (54) Hollow core thermally conductive carbon fiber molding

(71) GLOBAL NOTES PTY LTD
 (21) 2020900079 (22) 12.01.2020
 (54) A minimalist template for an aesthetic and lightweight cryptocurrency paper wallet

(71) GLOBAL NOTES PTY LTD
 (21) 2020900093 (22) 13.01.2020
 (54) A MINIMALIST TEMPLATE FOR AN AESTHETIC AND LIGHTWEIGHT CRYPTOCURRENCY PAPER WALLET

Gomes, F. see C Lau Pty Ltd
 (21) 2020900106

(71) GREENROOM ROBOTICS PTY LTD
 (21) 2020900095 (22) 14.01.2020
 (54) EXPONENTIAL DATA LABELLING SOFTWARE

(71) Hannay Douglas Pty Ltd
 (21) 2020900151 (22) 20.01.2020
 (54) VAPOUR HEAT TREATMENT APPARATUS AND METHOD

(71) Helitak Fire Fighting Equipment Pty Ltd
 (21) 2020900130 (22) 17.01.2020
 (54) Tank assembly and helicopter

(71) Hendry, C.
 (21) 2020900077 (22) 12.01.2020
 (54) improved motor

(71) Hendry, C.
 (21) 2020900127 (22) 17.01.2020
 (54) Fluxeon1

(71) HOBBS, D.
 (21) 2020900117 (22) 16.01.2020
 (54) A beehive

(71) Hodgetts, K.
 (21) 2020900140 (22) 18.01.2020
 (54) Delayed multiple stage drug delivery oral medication

Hoogland, J. see Thach, M.L.
 (21) 2020900122

(71) INNOVATIONS DIY PTY LTD
 (21) 2020900119 (22) 16.01.2020
 (54) Bag Buddy

(71) Jiggyhub Pty Ltd
 (21) 2020900145 (22) 20.01.2020
 (54) Carrier for cables

(71) JJ1 Holdings Pty Ltd
 (21) 2020900146 (22) 20.01.2020
 (54) SATELLITE IMPLEMENTED FIRE AND ARSON DETECTION SYSTEM

Jones, F. see Biddington, J.
 (21) 2020900153

Kohodo Hydrogen Energy Pty Ltd see NewSouth Innovations Pty Limited
 (21) 2020900074

(71) LAMONT, D.
 (21) 2020900087 (22) 13.01.2020
 (54) PORTABLE MULTI-COOK CAMPFIRE OVEN WITH SMOKED AND NON-SMOKED COOKING ABILITIES

(71) Lee, S.
 (21) 2020900072 (22) 11.01.2020
 (54) Smart hydraulic sink valve

(71) Liney, C.
 (21) 2020900124 (22) 17.01.2020
 (54) Waste Disposal Unit

(71) Living Window Shop front Advertising Pty Ltd; Weddup, S.
 (21) 2020900114 (22) 16.01.2020
 (54) GOLF CLUB ALIGNMENT DEVICES

(71) load and move pty ltd
 (21) 2020900135 (22) 17.01.2020
 (54) An improved lid and lid locking device

(71) Longtech 88 Pty Ltd
 (21) 2020900111 (22) 16.01.2020
 (54) A treatment process

(71) M.L CILIA & M.C COLSON; Colson, M.; Cilia, M.; Ainger, Z.
 (21) 2020900152 (22) 20.01.2020
 (54) Improved Subscription based Content Service Providers via Subscription Packaging Shopping Platform

(71) MANE FENCING PTY LTD
 (21) 2020900097 (22) 14.01.2020
 (54) Temporary Building Edge Safety Screen Support

(71) McLEAN, D.
 (21) 2020900116 (22) 16.01.2020
 (54) REMEDIATION OF PFAS CONTAMINATED SOILS

(71) Medcalf, S.
 (21) 2020900126 (22) 17.01.2020
 (54) Skateless Momentum Assistance Device for Snowboarding

(71) Monash University
 (21) 2020900083 (22) 13.01.2020
 (54) COMPOSITIONS AND METHODS

(71) Monash University
 (21) 2020900084 (22) 13.01.2020
 (54) COMPOSITIONS AND METHODS

Provisional Applications Filed - Name Index cont'd

- (71) NewSouth Innovations Pty Limited; Kodo Hydrogen Energy Pty Ltd
(21) 2020900074 (22) 11.01.2020
(54) Fuel Cell Catalysts and Stack

(71) Nichol, L.
(21) 2020900110 (22) 16.01.2020
(54) internet identity card

(71) NOOSA NATURAL VET PTY. LTD.
(21) 2020900148 (22) 20.01.2020
(54) A device used at room temperature and normal magnetic earth fields to detect the repulsion of electromagnetic signals in the Picotesla range, that create aberrations in the biomagnetic field of a patient. The device alters negative health states to positive health states and positive health states to neutral states.

(71) Owen-Evans, C.
(21) 2020900089 (22) 13.01.2020
(54) Apparatus for delivering a flowable material

Pact Renewables Pty Ltd see Arakel, A.
(21) 2020900076

(71) PENNINGTON, J.
(21) 2020900086 (22) 13.01.2020
(54) THE CLEAR CO EAR WAX REMOVER

(71) Peter MacCallum Cancer Institute
(21) 2020900102 (22) 14.01.2020
(54) Methods for the analysis of gene expression and uses thereof

(71) Phillips Dynasty Pty Ltd
(21) 2020900147 (22) 20.01.2020
(54) Gigs Direct is a booking app/site that brings entertainment and venues in direct contact removing all the hassles of promoters and booking agents and all the issues and expense that come with it, it bring back independence to performers, makes booking simple, efficient and cost effective and it creates fairness and opportunity to entertainers.

(71) Postolache, C.
(21) 2020900109 (22) 15.01.2020
(54) QR powered printed smart-book

(71) Puffe, M.; Puffe Henriquez, M.
(21) 2020900123 (22) 17.01.2020
(54) Rated app is a feedback collection system

Puffe Henriquez, M. see Puffe, M.
(21) 2020900123

(71) Ratcliff, D.
(21) 2020900078 (22) 12.01.2020
(54) Ratcliff Truss

(71) Rio Tinto Alcan International Ltd.
(21) 2020900091 (22) 13.01.2020
(54) CALCINATION APPARATUS AND PROCESS

(71) Royal Melbourne Institute of Technology
(21) 2020900142 (22) 20.01.2020
(54) ANTI-MICROBIAL COATING

(71) Russell, J.
(21) 2020900115 (22) 16.01.2020
(54) Fibre Bragg Grating MIDI controller for stringed instruments

(71) Russell Property Holdings Pty Ltd
(21) 2020900131 (22) 17.01.2020
(54) Gaming apparatus and method of controlling same

(71) sahebdel nobari, F.
(21) 2020900080 (22) 12.01.2020
(54) ICE RESTRAINING DRINKING RECEPTACLE

(71) Sanjayan, J.
(21) 2020900092 (22) 13.01.2020
(54) Method for reducing Crack Widths and increasing Ductility of Reinforced Concrete Structural Members

(71) Scodon Engineering Services Pty Ltd
(21) 2020900136 (22) 17.01.2020
(54) Stemmed glass support

(71) Search and Rescue Systems (Australia) Pty Ltd
(21) 2020900113 (22) 16.01.2020
(54) MARINE SEARCH AND RESCUE DEVICE AND METHOD

(71) Simpson, A.
(21) 2020900132 (22) 17.01.2020
(54) IMPROVED LOCK

Smith, B. see Carrington, A.
(21) 2020900071

Spiryagin, M. see Cole, C.
(21) 2020900085

(71) Stanger, R.
(21) 2020900141 (22) 19.01.2020
(54) Wearable Abdominal Support Pillow

(71) Subrib Pty Ltd
(21) 2020900108 (22) 15.01.2020
(54) APPARATUS FOR ASSISTING IN PREVENTING EROSION OF A SURFACE SURROUNDING A STRUCTURE

Sydney Local Health District see The University of Sydney
(21) 2020900129

(71) Thach, M.L.; Hoogland, J.
(21) 2020900122 (22) 16.01.2020
(54) EXERCISE APPARATUS

(71) Theodoma Limited
(21) 2020900075 (22) 11.01.2020
(54) Energy Recovery System

(71) The Princeton Group Inc – C40917
(21) 2020900143 (22) 20.01.2020
(54) CONDIMENT COMPOSITION

(71) The University of Sydney; Sydney Local Health District
(21) 2020900129 (22) 17.01.2020
(54) Oral peptide administration

(71) Tianqi Lithium Kwinana Pty Ltd
(21) 2020900144 (22) 20.01.2020
(54) A process for producing alumina and a lithium salt

(71) Unique Fluid Power
(21) 2020900100 (22) 14.01.2020
(54) Bracket

(71) VEXCORP Pty Ltd
(21) 2020900120 (22) 16.01.2020
(54) Security Device for a Rotatable Member

(71) VO GROUP HOLDING PTY. LTD.
(21) 2020900105 (22) 15.01.2020
(54) A data-driven platform that collects and analyses the big data from the building industry, in which industry participants including but not limited to projects, developers, construction companies and sub-contractors will be rated based on the data analysis algorithm.

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(71) Wilson, W.
(21) 2020900107 (22) 15.01.2020
(54) motorized chassis which can be dis-
mantled and rebuilt in different forms

(71) ZETCO VALVES PTY LTD
(21) 2020900133 (22) 17.01.2020
(54) Gas Cooker Isolation Valve

(71) ZETCO VALVES PTY LTD
(21) 2020900134 (22) 17.01.2020
(54) Gas Cooker Isolation Valve

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Applications listed below were processed through the Patent Office Canberra during the period ending 14 Jan 2020 .

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

(71) Acorda Therapeutics, Inc. (21) 2020200285 (54) METHODS OF USING SUSTAINED RELEASE AMINOPYRIDINE COMPOSITIONS (62) 2018202552	(71) Apple Inc. (21) 2020200191 (54) Handwriting keyboard for small screens (62) 2018260930	(71) Barco. Inc. (21) 2020200178 (54) SYSTEMS AND METHODS FOR CONTROLLING, MONITORING AND AUTOMATING ELECTRONIC DEVICES, AND SYSTEMS AND METHODS FOR GENERATING USER INTERFACES TO CONTROL, MONITOR, AND AUTOMATE ELECTRONIC DEVICES (62) 2016291194
(71) Adient Medical, Inc (21) 2020200166 (54) Method and apparatus for deploying and retrieving objects in a cavity (62) 2017259981	(71) ARB Corporation Ltd (21) 2020200162 (54) Assemblies for supporting a load relative to a roof of a vehicle (31) 2019901954 (32) 06.06.19 (33) AU 2019900072 10.01.19 AU	(71) BAYER HEALTHCARE LLC (21) 2020200134 (54) Antibody and protein formulations (62) 2018203320
(71) Airstrip IP Holdings, LLC (21) 2020200196 (54) Systems and methods for integrating, unifying and displaying patient data across healthcare continua (62) 2014223470	(71) Aristocrat Technologies Australia Pty Limited (21) 2020200202 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2017268584	(71) Becton, Dickinson and Company (21) 2020200146 (54) A fluid transfer device or set with retractable needle and septum (62) 2015288074
(71) AlexCo Holding GmbH (21) 2020200230 (54) Antenna mast, method and installation for the provision of flight data and computer program (31) 102019101886.2 (32) 25.01.19 (33) DE 102019100910.3 15.01.19 DE	(71) ArmaGen, Inc. (21) 2020200250 (54) Methods and compositions for increasing enzyme activity in the CNS (62) 2014293626	(71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd. (21) 2020200218 (54) COMPUTER PROGRAM PRODUCT, METHOD AND APPARATUS FOR YAW CONTROL OF WIND TURBINE GENERATOR SYSTEM (62) 2016377432
(71) Alkahest, Inc. (21) 2020200181 (54) Blood plasma fractions as a treatment for aging-associated cognitive disorders (62) 2017312722	(71) Arrowhead Pharmaceuticals, Inc. (21) 2020200247 (54) Organic compositions to treat KRAS-related diseases (62) 2017261481	(71) Binmartine Pty Ltd (21) 2020200133 (54) A SENSOR, A SENSOR SYSTEM, AND A METHOD OF SENSING (62) 2018201001
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(71) ALSTOM Transport Technologies (21) 2020200221 (54) Seat with Occupancy Detection (31) 1900354 (32) 15.01.19 (33) FR	(71) Avadim Technologies, Inc. (21) 2020200171 (54) Method for maintenance of urethral catheters (62) 2015218703	(71) Blaze Bioscience, Inc. (21) 2020200116 (54) Chlorotoxin conjugates and methods of use thereof (62) 2014323563
(71) Apple Inc. (21) 2020200156 (54) Family sleep monitoring system (62) 2016214265	(71) Avionics Pty Ltd (21) 2020200246 (54) Coring apparatus (31) 2019900137 (32) 17.01.19 (33) AU	(71) Borecam Asia Pte Ltd (21) 2020200242 (22) 13.01.2020
	(71) BABYZEN (21) 2020200144 (54) Stroller accessory and double stroller assembly (31) 1900316 (32) 14.01.19 (33) FR 1909819 06.09.19 FR	

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(54) MULTI-PURPOSE ORIENTAITON MEASUREMETN SYSTEM (31) 2019900095	(32) 13.01.19 (33) AU	AL INTERVENTION FOR A DISEASE STATE (62) 2017279695	Daiichi Sankyo Europe GmbH see Daiichi Sankyo Company, Limited (21) 2020200227
(71) Boston Scientific Scimed, Inc. (21) 2020200281	(22) 15.01.2020	(71) CFPH, LLC (21) 2020200153	(22) 08.01.2020
(54) Surgical laser systems and laser devices (62) 2015346153		(54) SYSTEM AND METHOD FOR MAPPING RESULTS FROM SPORTING EVENTS TO GAME INPUTS (62) 2018200604	(54) Support arm, load bunk and vehicle with a support arm (31) 19155521.8
(71) Bottletech Pty Ltd (21) 2020200265	(22) 14.01.2020	(71) CFPH, LLC (21) 2020200228	(22) 13.01.2020
(54) Infant formula preparation apparatus (31) 2019901951	(32) 05.06.19 (33) AU	(54) DOCUMENT CHANGES (62) 2017254939	(54) Orthopaedic prosthetic system for a rotating hinged-knee prosthesis (31) 16/267,700
(71) Brady Worldwide, Inc. (21) 2020200189	(22) 10.01.2020	(71) Children's Medical Center Corporation (21) 2020200165	(22) 09.01.2020
(54) PADLOCK WITH INTEGRATED KEY-WAY (31) 16/269,228		(54) SAPOSIN-A DERIVED PEPTIDES AND USES THEREOF (62) 2018201649	(32) 05.02.19 (33) US
(71) Brady Worldwide, Inc. (21) 2020200233	(22) 13.01.2020	(71) ClearStream Technologies Limited (21) 2020200172	(22) 09.01.2020
(54) LOCK WITH INTEGRATED CAM (31) 16/269,248		(54) Catheter structures for reducing fluoroscopy usage during endovascular procedures (62) 2015240941	(32) 05.02.19 US
(71) Brady Worldwide, Inc. (21) 2020200234	(22) 13.01.2020	(71) Cosmax NBT, Inc.; Cosmax NS, Inc.; Industry-Academic Cooperation Foundation, Yonsei University (21) 2020200225	(22) 11.01.2020
(54) PADLOCK WITH LOCKING MECHANISM BIASING DEVICE (31) 16/269,163		(54) Composition for prevention and treatment of muscular diseases or for improvement of muscle function containing 3,5-dicaffeoylquinic acid or chrysanthemum extract (62) 2017385661	(32) 06.02.19 (33) US
(71) Breville Pty Limited (21) 2020200301	(22) 15.01.2020	Cosmax NS, Inc. see Cosmax NBT, Inc. (21) 2020200225	(22) 15.01.2020
(54) Improved fruit and vegetable juicer (62) 2014324069		(71) Couplemate Investments Pty Ltd (21) 2020200124	(22) 08.01.2020
(71) Canon Kabushiki Kaisha (21) 2020200121	(22) 08.01.2020	(54) A TOW HITCH ASSEMBLY (62) 2018204296	(54) Cardless financial transactions (62) 2015255678
(54) Cartridge, process cartridge and electrophotographic image forming apparatus (62) 2018204296		(71) Covidien LP (21) 2020200182	(22) 09.01.2020
(71) Cantor Futures Exchange, L.P. (21) 2020200270	(22) 14.01.2020	(54) Programmable distal tilt position of end effector for powered surgical devices (31) 62/800,836	(32) 04.02.19 (33) US
(54) SYSTEMS AND METHODS OF DETECTING MANIPULATIONS ON A BINARY OPTIONS EXCHANGE (62) 2014218747		(31) 16/732,620	02.01.20 US
Cardinal Health 414, LLC see Ohio State Innovation Foundation (21) 2020200293		(71) Daiichi Sankyo Company, Limited; Daiichi Sankyo Europe GmbH (21) 2020200227	(22) 13.01.2020
(71) Caris MPI, Inc. (21) 2020200186	(22) 09.01.2020	(54) ANTI-HER3 ANTIBODY-DRUG CONJUGATE (62) 2015245122	(32) 15.02.19 (33) GB
(54) SYSTEM AND METHOD FOR DETERMINING INDIVIDUALIZED MEDIC-		(71) E2interactive, Inc. d/b/a/ E2interactive, Inc. (21) 2020200219	(22) 10.01.2020
		(54) Dual function medical benefits card (62) 2017272311	
		(71) Epimeron Inc. (21) 2020200131	(22) 08.01.2020

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- (54) Compositions and methods for making (R)-Reticuline and precursors thereof
 (62) 2014360597
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- (71) Eris Innovations, LLC
 (21) 2020200277 (22) 15.01.2020
 (54) FLEXIBLE-RATE, FINANCIAL OPTION AND METHOD OF TRADING
 (62) 2017268639
-
- (71) ESCO Group LLC
 (21) 2020200180 (22) 09.01.2020
 (54) Wear assembly
 (62) 2017203398
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- (71) Evolva SA
 (21) 2020200157 (22) 09.01.2020
 (54) Recombinant production of steviol glycosides
 (62) 2017258907
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- (71) ExoToe LLC
 (21) 2020200161 (22) 09.01.2020
 (54) Bone fusion/fixation device and related systems and methods
 (62) 2015222798
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- Farmer, K. see KS Farmer & MA Tod Dental Pty Ltd**
 (21) 2020200188
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- FEMPULSE, LLC see HAESSLER, A.**
 (21) 2020200273
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- (71) Fisher & Paykel Healthcare Limited
 (21) 2020200169 (22) 09.01.2020
 (54) Deterministically controlled humidification system
 (62) 2015312522
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- (71) Genesis Attachments, LLC
 (21) 2020200201 (22) 10.01.2020
 (54) Demolition shear and demolition shear piercing tip insert and nose configuration
 (62) 2018204069
-
- (71) Globelimmune, Inc.; The United States of America, as represented by the Secretary, Department of Health & Human Services
 (21) 2020200137 (22) 08.01.2020
 (54) Yeast-MUC1 immunotherapeutic compositions and uses thereof
 (62) 2017248462
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- (71) Glory Ltd.
 (21) 2020200185 (22) 09.01.2020
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- (54) Image acquisition device, sheet handling device, banknote handling device, and image acquisition method
 (31) 2020-000385 (32) 06.01.20 (33) JP
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- (71) Gratton-Wilson, L.
 (21) 2020200159 (22) 09.01.2020
 (54) Embedding information in the mineralised tissues of organisms
 (31) 2020900025 (32) 07.01.20 (33) AU
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- (71) GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
 (21) 2020200147 (22) 08.01.2020
 (54) Energy gateway, household appliance, direct-current micro-grid system and energy management method therefor
 (62) 2016339424
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- (71) Groupon, Inc.
 (21) 2020200206 (22) 10.01.2020
 (54) Consumer device payment token management
 (62) 2014214650
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- (71) Guangdong Hongshan Medical Device Technology Co., Ltd
 (21) 2020200304 (22) 15.01.2020
 (54) NOVEL COMPOSITE SAFETY SELF-DESTRUCTING SYRINGE
 (31) 201922253594.8 (32) 16.12.19 (33) CN
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- (71) HAESSLER, A.; FEMPULSE, LLC; STRUL, B.
 (21) 2020200273 (22) 14.01.2020
 (54) DEVICES AND METHODS FOR STIMULATING NERVES
 (62) 2014337032
-
- (71) Heartflow, Inc.
 (21) 2020200288 (22) 15.01.2020
 (54) Systems and methods for anonymization of health data and transmission of health data for analysis across geographic regions
 (62) 2017290600
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- (71) HEXAGON TECHNOLOGY AS
 (21) 2020200292 (22) 15.01.2020
 (54) PRESSURE VESSEL LINER VENTING VIA NANOTEXTURED SURFACE
 (62) 2017267404
-
- (71) HONEYWELL INTERNATIONAL INC.
 (21) 2020200136 (22) 08.01.2020
 (54) USER INTERFACE MODULE FOR A BUILDING CONTROL SYSTEM
 (31) 16/246,424 (32) 11.01.19 (33) US
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- (71) HONEYWELL INTERNATIONAL INC.
 (21) 2020200205 (22) 10.01.2020
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- (54) INTERFACES FOR RESOLVING MAINTENANCE ACTIVITIES
 (31) 16/249,519 (32) 16.01.19 (33) US
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- (71) Hsieh, C.H.
 (21) 2020200280 (22) 15.01.2020
 (54) Device for releasing and resetting a fire and smoke barrier
 (31) 108121911 (32) 24.06.19 (33) TW
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- (71) Huawei Technologies Co., Ltd.
 (21) 2020200239 (22) 13.01.2020
 (54) SYSTEM AND METHOD FOR USER-BEHAVIOR BASED CONTENT RECOMMENDATIONS
 (62) 2016381121
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- (71) Implantica Patent Ltd
 (21) 2020200197 (22) 10.01.2020
 (54) Hip Joint Device and Method
 (62) 2018201850
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- (71) Impossible Foods Inc.
 (21) 2020200283 (22) 15.01.2020
 (54) Methods and compositions for affecting the flavor and aroma profile of consumables
 (62) 2018200969
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- Industry-Academic Cooperation Foundation, Yonsei University see Cosmax NBT, Inc.**
 (21) 2020200225
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- (71) Innovapark, LLC
 (21) 2020200296 (22) 15.01.2020
 (54) GEN II meter system with multiple processors, multiple detection sensor types, fault tolerance methods, power sharing and multiple user interface methods
 (62) 2017265168
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- (71) International Biophysics Corporation
 (21) 2020200154 (22) 08.01.2020
 (54) Self-contained portable positionable oscillating motor array
 (62) 2015328220
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- (71) Intuit Inc.
 (21) 2020200251 (22) 14.01.2020
 (54) Label and field identification without optical character recognition (OCR)
 (62) 2017302248
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- (71) Izzo Golf Inc.
 (21) 2020200229 (22) 13.01.2020
 (54) Removable golf bag compartment dividers for a golf bag
 (31) 16/248,985 (32) 16.01.19 (33) US
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- (71) J.W. Speaker Corporation
 (21) 2020200184 (22) 09.01.2020
 (54) Systems and methods for illumination control and distribution during a vehicle bank
 (62) 2014318176
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- (71) Jayaram, N.
 (21) 2020200295 (22) 15.01.2020
 (54) Wave Energy Converter using Linear Induction Generator
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- (71) Kabushiki Kaisha Toshiba
 (21) 2020200279 (22) 15.01.2020
 (54) Storage battery evaluating device, power storage system and storage battery evaluating method
 (62) 2015404618
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- (71) KD Innovation Ltd
 (21) 2020200255 (22) 14.01.2020
 (54) Electrochemical systems for direct generation of electricity and heat pumping
 (62) 2016384671
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- (71) KIM, S.
 (21) 2020200306 (22) 15.01.2020
 (54) FUNCTIONAL BEEHIVE USING ENVIRONMENT-FRIENDLY MATERIAL
 (31) 10-2019-0040480 (32) 06.04.19 (33) KR
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- (71) Kita Sangyo Co., Ltd.
 (21) 2020200155 (22) 09.01.2020
 (54) SEALING RING REMOVAL DEVICE FOR BOTTLE
 (62) 2015248268
-
- (71) KS Farmer & MA Tod Dental Pty Ltd; Tod, M.; Farmer, K.
 (21) 2020200188 (22) 09.01.2020
 (54) Dental and Orthodontic matching
 (62) 2015333564
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- (71) La Trobe University
 (21) 2020200253 (22) 14.01.2020
 (54) METHOD OF DIAGNOSIS AND TREATMENT
 (62) 2018203670
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- (71) LEGEND BIOTECH IRELAND LIMITED
 (21) 2020200151 (22) 08.01.2020
 (54) Chimeric antigen receptors based on single-domain antibodies and methods of use thereof
 (62) 2016305075
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- (71) LG Electronics Inc.
 (21) 2020200120 (22) 08.01.2020
 (54) Refrigerator
 (31) 10-2019-0003593 (32) 10.01.19 (33) KR
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 (54) Refrigerator
 (31) 10-2019-0003588 (32) 10.01.19 (33) KR
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- (71) LG Electronics Inc.
 (21) 2020200194 (22) 10.01.2020
 (54) Pump and dishwasher comprising the same
 (62) 2018201977
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- (71) LG Electronics Inc.
 (21) 2020200282 (22) 15.01.2020
 (54) Laundry treating apparatus
 (31) 10-2019-0013925 (32) 01.02.19 (33) KR
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- (71) LG ELECTRONICS INC.
 (21) 2020200123 (22) 08.01.2020
 (54) Refrigerator
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- (71) Lockstep Technologies Pty Ltd
 (21) 2020200126 (22) 08.01.2020
 (54) A Four Party System for Verifying Personal Data
 (31) 2019902332 (32) 01.07.19 (33) AU
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- (71) Manitou Italia S.r.l.
 (21) 2020200140 (22) 08.01.2020
 (54) Improved apparatus
 (31) 102019000000607 (32) 15.01.19 (33) IT
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- (71) MannKind Corporation
 (21) 2020200290 (22) 15.01.2020
 (54) HEAT-STABLE DRY POWDER PHARMACEUTICAL COMPOSITIONS AND METHODS
 (62) 2014290438
-
- (71) Mars, Incorporated
 (21) 2020200211 (22) 10.01.2020
 (54) Genetic test for liver copper accumulation in dogs
 (62) 2017251791
-
- (71) Mast Group Limited
 (21) 2020200209 (22) 10.01.2020
 (54) Modular assay system
 (62) 2018202142
-
- (71) Menicon Singapore Pte Ltd.
 (21) 2020200294 (22) 15.01.2020
 (54) Apparatus and methods for controlling axial growth with an ocular lens
 (62) 2015237324
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- (71) Menlo Therapeutics Inc.
 (21) 2020200259 (22) 14.01.2020
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- (54) Use of NK-1 receptor antagonist serlopitant in pruritus
 (62) 2014302694
-
- (71) Meridian Medical Technologies, Inc.
 (21) 2020200284 (22) 15.01.2020
 (54) Cartridge for auto-injector apparatus
 (62) 2018247314
-
- (71) Molecular Insight Pharmaceuticals, Inc.
 (21) 2020200214 (22) 10.01.2020
 (54) Organ protection in PSMA-targeted radionuclide therapy of prostate cancer
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- (71) NantOmics, LLC
 (21) 2020200174 (22) 09.01.2020
 (54) SRM and DIA assays for clinical cancer evaluation
 (31) 62/791,495 (32) 11.01.19 (33) US
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- (71) NantOmics, LLC
 (21) 2020200176 (22) 09.01.2020
 (54) SRM/MRM assays for molecular profiling tumor tissue
 (31) 62/791,486 (32) 11.01.19 (33) US
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- (71) NantOmics, LLC
 (21) 2020200177 (22) 09.01.2020
 (54) Evaluating SDHB protein expression by mass spectrometry
 (31) 62/791,493 (32) 11.01.19 (33) US
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- (71) NantOmics, LLC
 (21) 2020200208 (22) 10.01.2020
 (54) COMPOSITIONS AND METHODS FOR VIRAL CANCER NEOEPITOPES
 (62) 2016339924
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- (71) NAVICO HOLDING AS
 (21) 2020200248 (22) 14.01.2020
 (54) Digital Direction Display for a Trolling Motor
 (31) 16/276,057 (32) 14.02.19 (33) US
-
- (71) Nexus Construction Systems Pty Ltd
 (21) 2020200266 (22) 14.01.2020
 (54) Ferrule Chair
 (31) 2019900108 (32) 15.01.19 (33) AU
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- (71) Nexus Construction Systems Pty Ltd
 (21) 2020200267 (22) 14.01.2020
 (54) Ferrule Chair Locator
 (31) 2019900108 (32) 15.01.19 (33) AU
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- (71) Nichia Corporation
 (21) 2020200271 (22) 14.01.2020

Complete Applications Filed - Name Index cont'd

- (54) SEMICONDUCTOR LASER ELEMENT AND METHOD FOR MANUFACTURING THE SAME
 (21) 2019-005760 (32) 17.01.19 (33) JP
 2019-141147 31.07.19 JP
-
- (71) Ohio State Innovation Foundation; Cardinal Health 414, LLC
 (21) 2020200293 (22) 15.01.2020
 (54) Compositions, methods and kits for diagnosing and treating CD206 expressing cell-related disorders
 (62) 2014293198
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- (71) Ontera, Inc.
 (21) 2020200187 (22) 09.01.2020
 (54) Fractional abundance of polynucleotide sequences in a sample
 (62) 2017348009
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- (71) Ozecoolcabs Pty Ltd
 (21) 2020200223 (22) 10.01.2020
 (54) Cooling of a space accommodating an occupant in a vehicle
 (62) 2016216738
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- (71) Pacific Edge Limited
 (21) 2020200168 (22) 09.01.2020
 (54) URINE MARKERS FOR DETECTION OF BLADDER CANCER
 (62) 2017254964
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- (71) Panasonic Intellectual Property Management Co., Ltd.
 (21) 2020200142 (22) 08.01.2020
 (54) Refrigerator
 (31) 2019-023336 (32) 13.02.19 (33) JP
 2019-023337 13.02.19 JP
-
- (71) Panduit Corp.
 (21) 2020200199 (22) 10.01.2020
 (54) Ladder rack and cable cleat system
 (62) 2017207297
-
- (71) PepsiCo, Inc.
 (21) 2020200167 (22) 09.01.2020
 (54) Sweetening compositions
 (62) 2017305526
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- (71) Pfizer Inc.
 (21) 2020200237 (22) 13.01.2020
 (54) Cancer treatment
 (62) 2018203086
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- (71) PHAM THI KIM, L.
 (21) 2020200236 (22) 13.01.2020
 (54) An orthopedic chair for treatment and prevention of spinal diseases
 (62) 2017210495
-
- (71) Pinnock, D.
 (21) 2020200183 (22) 09.01.2020
 (54) Control of Ectoparasites
-
- (71) Premier Dental Products Company
 (21) 2020200179 (22) 09.01.2020
 (54) Enamel protectant and repair toothpaste
 (62) 2015243225
-
- (71) President and Fellows of Harvard College
 (21) 2020200163 (22) 09.01.2020
 (54) Orthogonal Cas9 proteins for RNA-guided gene regulation and editing
 (62) 2014287397
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- (71) Protechna S.A.
 (21) 2020200139 (22) 08.01.2020
 (54) STIRRING MEMBER, STIRRING ROD ARRANGEMENT AS WELL AS TRANSPORT AND STORAGE CONTAINER FOR LIQUIDS HAVING A STIRRING MEMBER ARRANGEMENT
 (62) 2016321714
-
- (71) Proxene Tools Co., Ltd.
 (21) 2020200141 (22) 08.01.2020
 (54) Pipe Wrench
 (31) 108101558 (32) 15.01.19 (33) TW
-
- (71) PURPLE INNOVATION, LLC
 (21) 2020200278 (22) 15.01.2020
 (54) MATTRESSES AND MATTRESS TOPPERS INCLUDING KNITTED FABRIC, AND RELATED METHODS
 (62) 2017228982
-
- (71) Putnam, D.
 (21) 2020200241 (22) 13.01.2020
 (54) VENTED PRECIPITATION GUARDING MANHOLE COVER ASSEMBLIES
 (62) 2017397258
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- (71) QINGDAO BEIMEI OIL AND GAS ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.
 (21) 2020200119 (22) 08.01.2020
 (54) ENVIRONMENTAL PROTECTION TANK FOR WASTE AND HAZARDOUS LIQUID STORAGE
 (31) 201810580482.0 (32) 07.06.18 (33) CN
-
- (71) Queensland Hydraulics Laboratory Pty Ltd
 (21) 2020200298 (22) 15.01.2020
 (54) A PRECAST PANEL AND ASSEMBLY
-
- (71) RedFlow R&D Pty Ltd
 (21) 2020200117 (22) 08.01.2020
 (54) Flowing electrolyte battery separator
 (62) 2015218185
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- (71) Refinitiv US Organization LLC
 (21) 2020200150 (22) 08.01.2020
 (54) Apparatuses, methods and systems for electronic trading distribution
 (62) 2018200964
-
- (71) Regents of the University of Minnesota
 (21) 2020200307 (22) 16.01.2020
 (54) Talen-based gene correction
 (62) 2014223243
-
- (71) SAMSUNG ELECTRONICS CO., LTD.
 (21) 2020200240 (22) 13.01.2020
 (54) Portable electronic device
 (62) 2016339490
-
- (71) Sarong Societa' Per Azioni
 (21) 2020200129 (22) 08.01.2020
 (54) Capsule for beverages
 (62) 2015221757
-
- (71) Scheppach Fabrikation von Holzbearbeitungsmaschinen GmbH
 (21) 2020200224 (22) 11.01.2020
 (54) Rocker Circular Saw
 (31) 19020060.0 (32) 08.02.19 (33) EP
-
- (71) SCHLUMBERGER TECHNOLOGY B.V.
 (21) 2020200125 (22) 08.01.2020
 (54) Drilling rig
 (62) 2015322088
-
- (71) SEA Automotive Pty Ltd
 (21) 2020200310 (22) 16.01.2020
 (54) Management System for Commercial Electric Vehicles
 (62) 2017395784
-
- (71) Selecta Biosciences, Inc.
 (21) 2020200252 (22) 14.01.2020
 (54) TOLEROGENIC SYNTHETIC NANO-CARRIERS FOR INDUCING REGULATORY B CELLS
 (62) 2017225163
-
- (71) Selecta Biosciences, Inc.
 (21) 2020200254 (22) 14.01.2020
 (54) TOLEROGENIC SYNTHETIC NANO-CARRIERS FOR GENERATING CD8+REGULATORY T CELLS
 (62) 2017245402
-
- Shumka, J. see Shumka, T.**
 (21) 2020200115
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- (71) Shumka, T.; Shumka, J.
 (21) 2020200115 (22) 08.01.2020

Complete Applications Filed - Name Index cont'd

- | | | | |
|---|-----------------------|---|---|
| (54) Methods, materials and apparatus for cleaning and inspecting girth gear sets
(31) 16/243,919 | (32) 09.01.19 (33) US | (54) Built-in bypass diode
(62) 2014366257 | (71) The Governors of The University of Alberta
(21) 2020200216 (22) 10.01.2020
(54) E1E2 HCV vaccines and methods of use
(62) 2014385320 |
| (71) SirionLabs
(21) 2020200231 | (22) 13.01.2020 | (71) Swirls, Inc.
(21) 2020200149 | (22) 08.01.2020 |
| (54) Automated extraction of performance segments and metadata values associated with the performance segments from contract documents
(31) 201911001460 | (32) 11.01.19 (33) IN | (54) METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK
(62) 2019229437 | (71) The Jackson Laboratory
(21) 2020200256 (22) 14.01.2020
(54) A three-component CRISPR/Cas complex system and uses thereof
(62) 2016233648 |
| (71) SirionLabs
(21) 2020200232 | (22) 13.01.2020 | (71) Synergy Pharmaceuticals Inc.
(21) 2020200299 | (22) 15.01.2020 |
| (54) Method and system for determining risk score for a contract document
(31) 201911001462 | (32) 11.01.19 (33) IN | (54) Agonists of guanylate cyclase and their uses
(62) 2018203472 | (71) The Johns Hopkins University
(21) 2020200143 (22) 08.01.2020
(54) Dendrimer compositions and use in treatment of necrotizing enterocolitis and other gastrointestinal disorders
(62) 2016346304 |
| (71) Sloan-Kettering Institute for Cancer Research
(21) 2020200262 | (22) 14.01.2020 | (71) Synthon Biopharmaceuticals B.V.
(21) 2020200175 | (22) 09.01.2020 |
| (54) HSP90 combination therapy
(62) 2017272303 | | (54) Site-specific conjugation of linker drugs to antibodies and resulting ADCS
(62) 2015261768 | (71) The NOCO Company
(21) 2020200268 (22) 14.01.2020
(54) Battery assembly device
(62) 2016392707 |
| (71) Smart Medical Systems Ltd
(21) 2020200269 | (22) 14.01.2020 | (71) Taiwan Shan Yin International Co., Ltd.
(21) 2020200215 | (22) 10.01.2020 |
| (54) BALLOON ENDOSCOPE AND METHODS OF MANUFACTURE AND USE THEREOF
(62) 2017203394 | | (54) Self-Drilling Screw | (71) The Procter & Gamble Company
(21) 2020200213 (22) 10.01.2020
(54) Insect trap device and method of using
(62) 2017279742 |
| (71) Snap-on Incorporated
(21) 2020200276 | (22) 15.01.2020 | (71) Taylor, F.
(21) 2020200158 | (22) 09.01.2020 |
| (54) Inertial socket adaptor for torque application tools
(62) 2018201134 | | (54) System and process for converting whole tires and other solid carbon materials into reclaimable and reusable components
(62) 2017235933 | (71) The Regents of The University of California
(21) 2020200152 (22) 08.01.2020
(54) ENGAGING THE CERVICAL SPINAL CORD CIRCUITRY TO RE-ENABLE VOLITIONAL CONTROL OF HAND FUNCTION IN TETRAPLEGIC SUBJECTS
(62) 2014324660 |
| (71) Steris Inc.
(21) 2020200258 | (22) 14.01.2020 | (71) The Boeing Company
(21) 2020200249 | (22) 14.01.2020 |
| (54) Apparatus for decontaminating equipment having internal channels (lumens)
(62) 2017298457 | | (54) Aircraft wing composite ribs having electrical grounding paths
(31) 16/247,201 | (32) 14.01.19 (33) US |
| STRUL, B. see HAESSLER, A.
(21) 2020200273 | | (71) The Boston Consulting Group, Inc.
(21) 2020200130 | (22) 08.01.2020 |
| (71) Stryker Corporation
(21) 2020200173 | (22) 09.01.2020 | (54) AI-DRIVEN TRANSACTION MANAGEMENT SYSTEM
(31) 16/251,051 | (32) 17.01.19 (33) US |
| (54) Bone cleaning assembly including a cutting assembly and a reciprocating arm that periodically presses bone stock against the cutting assembly
(62) 2017228631 | | (71) THE CHINESE UNIVERSITY OF HONG KONG
(21) 2020200122 | (22) 08.01.2020 |
| (71) Stuart, W.
(21) 2020200204 | (22) 10.01.2020 | (54) Mutational analysis of plasma DNA for cancer detection
(62) 2017204558 | (32) 18.01.19 (33) AU |
| (54) Locking assembly
(31) 2019900156 | | (71) THE CHINESE UNIVERSITY OF HONG KONG
(21) 2020200128 | (22) 08.01.2020 |
| (71) SunPower Corporation
(21) 2020200217 | (22) 10.01.2020 | (54) NON-INVASIVE DETERMINATION OF METHYLOME OF FETUS OR TUMOR FROM PLASMA
(62) 2017251832 | (22) 15.01.2020 |
| (71) Tod, M. see KS Farmer & MA Tod Dental Pty Ltd
(21) 2020200188 | | | |

Complete Applications Filed - Name Index cont'd

(71) Toyota Motor North America, Inc.
 (21) 2020200238 (22) 13.01.2020
 (54) Modular power base arrangement
 (31) 16/261,188 (32) 29.01.19 (33) US

(71) Transdev Group
 (21) 2020200193 (22) 10.01.2020
 (54) Platform and method for monitoring an infrastructure for transport vehicles, associated vehicle, transport system and computer program
 (31) 19 00421 (32) 17.01.19 (33) FR

(71) Turk, K.
 (21) 2020200226 (22) 12.01.2020
 (54) Breast Feeding and Breast Cancer Hospital Gown. Gown has a double flower emblem printed. Two drop down sides connected with Velcro enable; a mother to drop one side of gown to breastfeed her child, Medical Personnel to access affected breast/treated area without gown removal. Manufactured in 3 sizes with 2 size range options each. Made of natural cotton with a pink undergarment. Pink, yellow, purple, natural cotton to be used. Modest long hemline with open side hem enabling in and out of hospital bed. Ballocac Bag for discharge post-surgery. Both sleeves to elbow, open cut enabling access.

(71) Tyco Fire Products LP
 (21) 2020200222 (22) 10.01.2020
 (54) Controlled system and methods for storage fire protection
 (62) 2014369873

(71) University of Southern California
 (21) 2020200297 (22) 15.01.2020
 (54) Methods and diets to protect against chemotoxicity and age related illnesses
 (62) 2014216349

(71) USound GmbH
 (21) 2020200291 (22) 15.01.2020
 (54) Manufacturing method for multiple MEMS sound transducers
 (31) 10 2019 101 325.9 (32) 18.01.19 (33) DE
 10 2019 101 227.9 17.01.19 DE

(71) Valentin, B.
 (21) 2020200305 (22) 15.01.2020
 (54) Kick stand system and method

(71) VARIDESK, LLC
 (21) 2020200160 (22) 09.01.2020
 (54) Adjustable Desk Platform
 (62) 2014216002

(71) Venator Materials UK Limited
 (21) 2020200257 (22) 14.01.2020
 (54) Coated product
 (62) 2016217655

(71) Ventana Medical Systems, Inc.
 (21) 2020200207 (22) 10.01.2020
 (54) Automated histological processing of biological specimens and associated technology
 (62) 2018204789

(71) Vercoe, A.
 (21) 2020200235 (22) 13.01.2020
 (54) AN IMPROVED WORK TABLE AND CABINET

(71) Waitaki Biosciences
 (21) 2020200192 (22) 10.01.2020
 (54) High osteocalcin microcrystalline hydroxyapatite for calcium supplement
 (62) 2014316766

(71) Waymo LLC
 (21) 2020200302 (22) 15.01.2020
 (54) Fall back trajectory systems for autonomous vehicles
 (62) 2016384627

(71) Webber, A.
 (21) 2020200243 (22) 13.01.2020
 (54) Gravity assisted sliding door rail. Whereas previously designed un-powered sliding door mechanisms do not ensure snug or complete closure of the door leaf against the frame, the gravity assisted sliding door rail uses gravity to ensure such closure.

(71) Wonderland Switzerland AG
 (21) 2020200164 (22) 09.01.2020
 (54) Child safety seat
 (31) 62/843,692 (32) 06.05.19 (33) US
 62/790,707 10.01.19 US

(71) Wonderland Switzerland AG
 (21) 2020200195 (22) 10.01.2020
 (54) Child restraint system
 (31) 62/790,707 (32) 10.01.19 (33) US
 62/846,140 10.05.19 US

(71) Wright Medical Technology, Inc.
 (21) 2020200203 (22) 10.01.2020
 (54) Anterior resurfacing talar plate
 (62) 2016400080

(71) XIAMEN ROADZUP OUTDOOR PRODUCTS CO., LTD
 (21) 2020200274 (22) 14.01.2020
 (54) CANOPY FRAME WITH AN AUXILIARY OPENING MECHANISM
 (31) 201910577182.1 (32) 28.06.19 (33) CN

(71) Xyleco, Inc.
 (21) 2020200148 (22) 08.01.2020
 (54) Processing Biomass and Energy
 (62) 2018202977

(71) Xyleco, Inc.
 (21) 2020200289 (22) 15.01.2020
 (54) Processing Paper Feedstocks
 (62) 2017279732

Numerical Index

2020200115	Shumka, T; Shumka, J.	2020200181	Alkahest, Inc.
2020200116	Blaze Bioscience, Inc.	2020200182	Covidien LP
2020200117	RedFlow R&D Pty Ltd	2020200183	Pinnock, D.
2020200118	Bioverativ Therapeutics Inc.	2020200184	J.W. Speaker Corporation
2020200119	QINGDAO BEIMEI OIL AND GAS ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.	2020200185	Glory Ltd.
2020200120	LG Electronics Inc.	2020200186	Caris MPI, Inc.
2020200121	Canon Kabushiki Kaisha	2020200187	Ontera, Inc.
2020200122	THE CHINESE UNIVERSITY OF HONG KONG	2020200188	KS Farmer & MA Tod Dental Pty Ltd; Tod, M.; Farmer, K.
2020200123	LG ELECTRONICS INC.	2020200189	Brady Worldwide, Inc.
2020200124	Couplemate Investments Pty Ltd	2020200191	Apple Inc.
2020200125	SCHLUMBERGER TECHNOLOGY B.V.	2020200192	Waitaki Biosciences
2020200126	Lockstep Technologies Pty Ltd	2020200193	Transdev Group
2020200127	LG Electronics Inc.	2020200194	LG Electronics Inc.
2020200128	THE CHINESE UNIVERSITY OF HONG KONG	2020200195	Wonderland Switzerland AG
2020200129	Sarong Societa' Per Azioni	2020200196	Airstrip IP Holdings, LLC
2020200130	The Boston Consulting Group, Inc.	2020200197	Implantica Patent Ltd
2020200131	Epimeron Inc.	2020200198	Diebold, Incorporated
2020200132	Deere & Company	2020200199	Panduit Corp.
2020200133	Binmartine Pty Ltd	2020200201	Genesis Attachments, LLC
2020200134	BAYER HEALTHCARE LLC	2020200202	Aristocrat Technologies Australia Pty Limited
2020200135	Dignity Health	2020200203	Wright Medical Technology, Inc.
2020200136	HONEYWELL INTERNATIONAL INC.	2020200204	Stuart, W.
2020200137	Globelimmune, Inc.; The United State of America, as represented by the Secretary, Department of Health & Human Services	2020200205	HONEYWELL INTERNATIONAL INC.
2020200139	Protechna S.A.	2020200206	Groupon, Inc.
2020200140	Manitou Italia S.r.l.	2020200207	Ventana Medical Systems, Inc.
2020200141	Proxene Tools Co., Ltd.	2020200208	NantOmics, LLC
2020200142	Panasonic Intellectual Property Management Co., Ltd.	2020200209	Mast Group Limited
2020200143	The Johns Hopkins University	2020200210	The Research Foundation for the State University of New York
2020200144	BABYZEN	2020200211	Mars, Incorporated
2020200145	DePuy Ireland Unlimited Company	2020200213	The Procter & Gamble Company
2020200146	Becton, Dickinson and Company	2020200214	Molecular Insight Pharmaceuticals, Inc.
2020200147	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI	2020200215	Taiwan Shan Yin International Co., Ltd.
2020200148	Xyleco, Inc.	2020200216	The Governors of The University of Alberta
2020200149	Swirls, Inc.	2020200217	SunPower Corporation
2020200150	Refinitiv US Organization LLC	2020200218	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2020200151	LEGEND BIOTECH IRELAND LIMITED	2020200219	E2interactive, Inc. d/b/a/ E2interactive, Inc.
2020200152	The Regents of The University of California	2020200220	Dropbox, Inc.
2020200153	CFPH, LLC	2020200221	ALSTOM Transport Technologies
2020200154	International Biophysics Corporation	2020200222	Tyco Fire Products LP
2020200155	Kita Sangyo Co., Ltd.	2020200223	Ozecoolcabs Pty Ltd
2020200156	Apple Inc.	2020200224	Scheppach Fabrikation von Holzbearbeitungsmaschinen GmbH
2020200157	Evova SA	2020200225	Cosmax NBT, Inc.; Cosmax NS, Inc.; Industry-Academic Cooperation Foundation, Yonsei University
2020200158	Taylor, F.	2020200226	Turk, K.
2020200159	Gratton-Wilson, L.	2020200227	Daiichi Sankyo Company, Limited; Daiichi Sankyo Europe GmbH
2020200160	VARIDESK, LLC	2020200228	CFPH, LLC
2020200161	ExoToe LLC	2020200229	Izzo Golf Inc.
2020200162	ARB Corporation Ltd	2020200230	AlexCo Holding GmbH
2020200163	President and Fellows of Harvard College	2020200231	SirionLabs
2020200164	Wonderland Switzerland AG	2020200232	SirionLabs
2020200165	Children's Medical Center Corporation	2020200233	Brady Worldwide, Inc.
2020200166	Adient Medical, Inc	2020200234	Brady Worldwide, Inc.
2020200167	PepsiCo, Inc.	2020200235	Vercoe, A.
2020200168	Pacific Edge Limited	2020200236	PHAM THI KIM, L.
2020200169	Fisher & Paykel Healthcare Limited	2020200237	Pfizer Inc.
2020200170	ASSA ABLOY New Zealand Limited	2020200238	Toyota Motor North America, Inc.
2020200171	Avadim Technologies, Inc.	2020200239	Huawei Technologies Co., Ltd.
2020200172	ClearStream Technologies Limited	2020200240	SAMSUNG ELECTRONICS CO., LTD.
2020200173	Stryker Corporation	2020200241	Putnam, D.
2020200174	NantOmics, LLC	2020200242	Borecam Asia Pte Ltd
2020200175	Synthon Biopharmaceuticals B.V.	2020200243	Webber, A.
2020200176	NantOmics, LLC	2020200246	Avionics Pty Ltd
2020200177	NantOmics, LLC	2020200247	Arrowhead Pharmaceuticals, Inc.
2020200178	Barco. Inc.		
2020200179	Premier Dental Products Company		
2020200180	ESCO Group LLC		

Complete Applications Filed - Numerical Index cont'd

2020200248	NAVICO HOLDING AS
2020200249	The Boeing Company
2020200250	ArmaGen, Inc.
2020200251	Intuit Inc.
2020200252	Selecta Biosciences, Inc.
2020200253	La Trobe University
2020200254	Selecta Biosciences, Inc.
2020200255	KD Innovation Ltd
2020200256	The Jackson Laboratory
2020200257	Venator Materials UK Limited
2020200258	Steris Inc.
2020200259	Menlo Therapeutics Inc.
2020200260	DePuy Synthes Products, LLC
2020200262	Sloan-Kettering Institute for Cancer Research
2020200265	Bottletech Pty Ltd
2020200266	Nexus Construction Systems Pty Ltd
2020200267	Nexus Construction Systems Pty Ltd
2020200268	The NOCO Company
2020200269	Smart Medical Systems Ltd
2020200270	Cantor Futures Exchange, L.P.
2020200271	Nichia Corporation
2020200273	HAESSLER, A.; FEMPULSE, LLC; STRUL, B.
2020200274	XIAMEN ROADZUP OUTDOOR PRODUCTS CO., LTD
2020200276	Snap-on Incorporated
2020200277	Eris Innovations, LLC
2020200278	PURPLE INNOVATION, LLC
2020200279	Kabushiki Kaisha Toshiba
2020200280	Hsieh, C.H.
2020200281	Boston Scientific Scimed, Inc.
2020200282	LG Electronics Inc.
2020200283	Impossible Foods Inc.
2020200284	Meridian Medical Technologies, Inc.
2020200285	Acorda Therapeutics, Inc.
2020200286	Alynlam Pharmaceuticals, Inc.
2020200287	De Ridder, D.
2020200288	Heartflow, Inc.
2020200289	Xyleco, Inc.
2020200290	MannKind Corporation
2020200291	USound GmbH
2020200292	HEXAGON TECHNOLOGY AS
2020200293	Ohio State Innovation Foundation; Cardinal Health 414, LLC
2020200294	Menicon Singapore Pte Ltd.
2020200295	Jayaram, N.
2020200296	Innovapark, LLC
2020200297	University of Southern California
2020200298	Queensland Hydraulics Laboratory Pty Ltd
2020200299	Synergy Pharmaceuticals Inc.
2020200301	Breville Pty Limited
2020200302	Waymo LLC
2020200303	THE USA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES
2020200304	Guangdong Hongshan Medical Device Technology Co., Ltd
2020200305	Valentin, B.
2020200306	KIM, S.
2020200307	Regents of the University of Minnesota
2020200310	SEA Automotive Pty Ltd
2020200311	Dura Composites Limited

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 14 Jan 2020.
 (This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

-
- (71) Agro#Environmental Protection Institute, Ministry of Agriculture and Rural Affairs of the People's Republic of China
 (21) 2020100085 (22) 16.01.2020
 (54) RAINWATER AND DOMESTIC WATER REUTILIZATION SYSTEM
 (31) 2019106101278 (32) 08.07.19 (33) CN
-
- (71) Aimee Blue Pty Ltd
 (21) 2020100075 (22) 15.01.2020
 (54) An Electronic Concierge Device
 (31) 2019900110 (32) 15.01.19 (33) AU
-
- (71) Allcott Hire Pty Ltd
 (21) 2020100043 (22) 09.01.2020
 (54) Containerised site accommodation with isolation unit
-
- (71) Apple Inc.
 (21) 2020100060 (22) 13.01.2020
 (54) Devices, methods, and graphical user interfaces for displaying an affordance on a background
 (62) PCT/US2018/015195
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- (71) Applied Electric Vehicles Pty Ltd
 (21) 2020100033 (22) 08.01.2020
 (54) FOOT ACTUATED VEHICLE CONTROL SURFACES, OPERATION AND CONTROL STRATEGY
 (31) 2019900059 (32) 08.01.19 (33) AU
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- (71) AUSTECH PROJECTS PTY LTD
 (21) 2020100015 (22) 06.01.2020
 (54) A.P. Loom Harness Wiring System
 (31) 2019900391 (32) 07.02.19 (33) AU
-
- (71) AZA SYSTEMS PTY LTD
 (21) 2020100020 (22) 07.01.2020
 (54) BUILDING CONNECTON SYSTEM
 (31) 2019900037 (32) 07.01.19 (33) AU
-
- (71) Barrett, P.
 (21) 2020100072 (22) 14.01.2020
 (54) A Barb for a Fence Post
-
- (71) Beasley, B.
 (21) 2020100035 (22) 08.01.2020
 (54) A Modular Bed Frame For Securing Items
-
- (71) BEIJING UNIVERSITY OF TECHNOLOGY
 (21) 2020100079 (22) 16.01.2020
 (54) Method And Apparatus For Acquiring Traffic Sign Information Threshold
-
- Bian, Y. see Korotkov, V.
 (21) 2020100058
-
- (71) BISSELL Inc.
 (21) 2020100041 (22) 09.01.2020
 (54) Artificial barrier for autonomous floor cleaner
 (31) 62/791,105 (32) 11.01.19 (33) US
-
- (71) Campbell, J.
 (21) 2020100077 (22) 16.01.2020
 (54) Medication Packaging
 (31) 2019900150 (32) 18.01.19 (33) AU
-
- (71) Chen, M.
 (21) 2020100073 (22) 15.01.2020
 (54) A Toothbrush Cleaning and Disinfecting Device
-
- CHEN, R. see LI, P.
 (21) 2020100050
-
- (71) Coldmaster Industries Pty Ltd
 (21) 2020100071 (22) 14.01.2020
 (54) DOOR GUIDE AND DOOR GUIDE ARRANGEMENT
-
- (71) Couplemate Investments Pty Ltd
 (21) 2020100028 (22) 08.01.2020
 (54) A TEMPERATURE SENSOR ASSEMBLY
-
- (71) Couplemate Investments Pty Ltd
 (21) 2020100029 (22) 08.01.2020
 (54) A TOW HITCH ASSEMBLY
-
- (71) Dali University
 (21) 2020100036 (22) 08.01.2020
 (54) A Method For Preparing Gold Nanorods Labeled With Schistosomiasis Antigen
-
- (71) D HOGARTH & K.A HOGARTH
 (21) 2020100012 (22) 05.01.2020
 (54) The invention/software is best described in the following statement, with Specification and Image Claim Annexures. My Quote Mate offers the compet-
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- ent Electrotechnology Telecommunication / Electrical Contractor access to Estimating Software for various "Electrotechnology Scopes of Work" each with the flexibility to add additional work scopes within each "Scope of Works", therefore limited only by the user's imagination.
-
- DING, M. see LIU, Z.
 (21) 2020100048
-
- (71) F & J Attard & Sons Pty Ltd
 (21) 2020100031 (22) 08.01.2020
 (54) TRUCK CURTAIN AND CURTAIN SYSTEM
 (62) 2019229425
-
- (71) fabZing Pty Ltd
 (21) 2020100068 (22) 14.01.2020
 (54) The present invention relates to methods and systems for allowing the generation of multi- author communications and composite works.
-
- (71) Fernando, M.
 (21) 2020100032 (22) 08.01.2020
 (54) Hybrid Energy Harvester (HEH) This system is a Solar Wind Hybrid Energy Harvesting System. It consists of PV solar panels mounted pitched on a vertical pole to catch wind. The solar panels acting as blades of a wind turbine, facilitate the rotation of the pole mounted on a bearing and a dynamo. Conducting of the solar power generated by the solar panels is facilitated through a slip ring. The dynamo will generate wind power. The electrical power harvested from both sources of renewable energy will provide hybrid energy.
-
- (71) Francis, C.
 (21) 2020100030 (22) 08.01.2020
 (54) An aluminium window or door complete with attached aluminium shutter in one unit, or an aluminium window or door shutter that can be retro fitted, that has been fireproof coated and treated with intumescent coatings for the purpose of use in construction or renovation in bushfire prone areas to protect to Bushfire Attack Level Flame Zone.
-
- (71) Fyproshell Pty Ltd
 (21) 2020100040 (22) 09.01.2020
 (54) "Petal" Fire proof building

Innovation Patent Applications Filed - Name Index cont'd

GAO, Y. see SONG, S.
(21) 2020100052

(71) Glass Outlet IP Pty Ltd
(21) 2020100074 **(22)** 15.01.2020
(54) AN ELECTRICALLY INSULATING
 COVER ASSEMBLY
(62) 2019283986

(71) GUANGDONG KIN LONG HARD-
 WARE PRODUCTS CO., LTD
(21) 2020100017 **(22)** 07.01.2020
(54) Connecting joint for glass curtain wall
(31) 201920045963.1 **(32)** 11.01.19 (33) CN

(71) Guangxi State Farms Yongxin Animal Husbandry Group Jinguang Co., LTD; Guangxi Veterinary Research Institute
(21) 2020100061 **(22)** 13.01.2020
(54) Harmless Treatment System and Method for Livestock and Poultry Breeding Wastewater

(71) Guangxi State Farms Yongxin Animal Husbandry Group Jinguang Co., LTD; Guangxi Veterinary Research Institute
(21) 2020100063 **(22)** 13.01.2020
(54) A Method for Harmless Treatment of Dead Pigs

**Guangxi Veterinary Research Institute see
 Guangxi State Farms Yongxin Animal Husbandry Group Jinguang Co., LTD**
(21) 2020100061

**Guangxi Veterinary Research Institute see
 Guangxi State Farms Yongxin Animal Husbandry Group Jinguang Co., LTD**
(21) 2020100063

Guangzhou Boten Trading Ltd. see South China Agricultural University
(21) 2020100038

Guangzhou Meihujian Biotechnology Ltd. see South China Agricultural University
(21) 2020100038

HE, Y. see LIU, X.
(21) 2020100055

(71) Henan Polytechnic University
(21) 2020100019 **(22)** 07.01.2020
(54) Downhole adjustable and self-propelled device for restoring boreholes by CO₂ jets and restoration method using the same
(31) 201910394000.7 **(32)** 13.05.19 (33) CN

(71) Henan Polytechnic University
(21) 2020100062 **(22)** 13.01.2020
(54) A Fiber Grating Pressure Sensor For Vertical Stress Test In Similar Simulation Experiments

(71) Henan Polytechnic University
(21) 2020100081 **(22)** 16.01.2020
(54) A Fiber Bragg Grating Monitoring Device for Dynamic Disasters in Coal Mines

HUANG, H. see LIU, Z.
(21) 2020100048

(71) Hunan Soil and Fertilizer Institute
(21) 2020100016 **(22)** 06.01.2020
(54) METHOD FOR THREE-ROUND CULTIVATION OF DOUBLE CROPPING RICE FIELD

(71) Jilin Academy of Agricultural Sciences
(21) 2020100059 **(22)** 11.01.2020
(54) AN ARID5B gene mutation site affecting beef Intramuscular fat content and application thereof
(31) 201910026712.3 **(32)** 11.01.19 (33) CN

JIN, Y. see SHI, L.
(21) 2020100051

(71) Jining Center for Food and Drug Control(Jining Center for Adverse Drug Reaction and Drug Abuse Monitoring)
(21) 2020100087 **(22)** 16.01.2020
(54) CULTIVATION AND MANAGEMENT METHOD FOR INCREASING YIELD OF MEDICINAL PLATYCODON GRANDIFLORUM
(31) 201911138150.8 **(32)** 18.11.19 (33) CN

(71) Korotkov, V.; Wu, D.; Bian, Y.
(21) 2020100058 **(22)** 11.01.2020
(54) Approach for evaluating the quality of project portfolios

(71) Laizhou Baoyi Machinery Co., Ltd.
(21) 2020100057 **(22)** 10.01.2020
(54) CAST IRON AND CERAMIC COMPOSITE DISC BRAKE
(31) 201920888037.0 **(32)** 13.06.19 (33) CN

(71) LAN CORP SECURITY AUSTRALIA PTY LTD
(21) 2020100011 **(22)** 05.01.2020
(54) A Software application for all type Personal computers and mobile phones to protect visual hacking using face detect technology to identify a authorised user and scramble or block the screen and

keyboard operations if the authorised user is not facing the camera sensor attached to the device. this will happen in less than one sec if authorised user face not detected or found in defined camera capture frame area. Screen will scramble or block if another face or more than one face appears in the camera frame. This is to protect our shoulder browsing or hacking to protect privacy of information.

LEI, M. see SONG, S.
(21) 2020100052

LI, Y. see LI, P.
(21) 2020100050

(71) LI, P.; CHEN, R.; LI, Y.; SHEN, H.; SHEN, Q.; ZHANG, Y.
(21) 2020100050 **(22)** 10.01.2020
(54) Efficient parallelization of sequence alignment method in bioinformatics

LI, B. see SONG, S.
(21) 2020100052

LI, Y. see SONG, S.
(21) 2020100052

LI, Y. see XU, T.
(21) 2020100053

LIN, X. see MING, X.
(21) 2020100044

(71) LIU, Z.; DING, M.; HUANG, H.; SONG, Y.; WANG, Y.
(21) 2020100048 **(22)** 10.01.2020
(54) Method of object detection for vehicle on-board video based on RetinaNet

LIU, C. see LIU, X.
(21) 2020100055

(71) LIU, X.; HE, Y.; SHEN, H.; XU, Y.; ZHUANG, Q.; LIU, C.
(21) 2020100055 **(22)** 10.01.2020
(54) A method of target tracking algorithms applied in mis

(71) McWade, K.
(21) 2020100069 **(22)** 14.01.2020
(54) AN IMPROVED INTERCOOLER TANK AND OR RESERVOIR
(62) 2019203127

(71) MING, X.; LIN, X.; SHAO, H.
(21) 2020100044 **(22)** 10.01.2020

Innovation Patent Applications Filed - Name Index cont'd

(54) Method of tracking of Surgical Target and Tool

(71) Nanjing Chevron Industry Co., Ltd
(21) 2020100022 (22) 07.01.2020
(54) GRASS TRIMMER

(71) Nanjing University of Posts and Telecommunications
(21) 2020100027 (22) 08.01.2020
(54) ELECTROENCEPHALOGRAM-BASED NEGATIVE EMOTION RECOGNITION METHOD AND SYSTEM FOR AGGRESSIVE BEHAVIOR PREDICTION
(31) 201911141842.8 (32) 20.11.19 (33) CN

NIE, W. see SUN, W.
(21) 2020100045

(71) Ocean University of China
(21) 2020100070 (22) 14.01.2020
(54) ARTIFICIAL ALGAL REEF TAKING ALGAE ADHESION AND SEAGRASS TRANSPLANTATION INTO ACCOUNT

(71) OPOLOGIC PTY LTD
(21) 2020100067 (22) 14.01.2020
(54) A METHOD TO IDENTIFY KEY MEDICAL DEVICE PRODUCT INFORMATION FROM DEVICE LABELS WITH OPTICAL CHARACTER RECOGNITION

(71) OXTI CORPORATION
(21) 2020100034 (22) 08.01.2020
(54) CARRYING CASE WITH PROJECTION DATA STORAGE

(71) OXTI CORPORATION
(21) 2020100037 (22) 08.01.2020
(54) TABLE STRUCTURE FOR PLACEMENT OF ELECTRONIC EQUIPMENT

(71) OzGreen Energy Pty Ltd
(21) 2020100018 (22) 07.01.2020
(54) SYSTEM AND METHOD FOR FLUSHING A WATER LINE
(31) 2019900051 (32) 08.01.19 (33) AU

PAN, X. see QU, Z.
(21) 2020100046

(71) Papandrea, D.; THE LOGICAL COMPANY
(21) 2020100024 (22) 08.01.2020
(54) VEHICLE WINDOWS OR SUNROOF CONTROL electronic control unit to capture the lock or unlocking wires voltage signals or all input Data (CAN, LIN, FLEX RAY or other protocols) for vehicles with factory remote control

to control windows and or sunroof . ONE electronic module also has Internal Temperature sensor and external Rain sensor for additional features.Rain sensor can be automatically one time isolated (hot day) by adjusting windows height Internal Temperature sensor can control windows and or sunroof to open and close to keep interior at required temperature if no rain

Papandrea, D. see THE LOGICAL COMPANY
(21) 2020100025

PENG, Y. see ZHANG, L.
(21) 2020100047

(71) Qilu University of Technology
(21) 2020100082 (22) 16.01.2020
(54) BIO-BASED THERMAL ADAPTATION COMPOSITE MATERIAL HAVING THREE-DIMENSIONAL MULTI-ELEMENT EUTECTIC STRUCTURE AND PREPARATION METHOD THEREOF
(31) 201910676213.9 (32) 25.07.19 (33) CN

(71) Qilu University of Technology
(21) 2020100083 (22) 16.01.2020
(54) PREPARATION METHOD OF BASALT FIBER PAPER
(31) 201910369140.9 (32) 05.05.19 (33) CN

(71) Qilu University of Technology
(21) 2020100084 (22) 16.01.2020
(54) METHOD FOR PREPARING TEMPERATURE-RESISTANT AND FLAME-RETARDANT PLANT FIBER PAPER BY USING SODIUM ALGINATE
(31) 201910364425.3 (32) 30.04.19 (33) CN

(71) Qilu University of Technology
(21) 2020100086 (22) 16.01.2020
(54) METHOD FOR IMPROVING STRENGTH PROPERTIES OF CARDBOARD PAPER
(31) 201910298369.8 (32) 15.04.19 (33) CN

(71) QU, Z.; PAN, X.; SONG, J.; WANG, Y.
(21) 2020100046 (22) 10.01.2020
(54) Method of time arrangement between ground stations and satellites based on genetic algorithm

(71) Screen & Blind Technologies Pty Ltd
(21) 2020100049 (22) 10.01.2020
(54) A LOW PROFILE RETROFITTABLE RETRACTABLE SCREEN SYSTEM
(62) PCT/AU2018/000100

SHAO, H. see MING, X.
(21) 2020100044

SHEN, H. see LI, P.
(21) 2020100050

SHEN, Q. see LI, P.
(21) 2020100050

SHEN, H. see LIU, X.
(21) 2020100055

(71) SHENYANG AGRICULTURAL UNIVERSITY
(21) 2020100065 (22) 13.01.2020
(54) A Biochar-based Fertilizer Synergist and a Preparation Method

(71) SHI, L.; JIN, Y.; YAO, D.; ZHUANG, W.
(21) 2020100051 (22) 10.01.2020
(54) Method of the mission planning for the communication between the small satellite clusters

(71) Shihezi University
(21) 2020100039 (22) 09.01.2020
(54) FOLIAR FERTILIZER FOR GRAPE, PREPARATION METHOD, APPLICATION METHOD, AND USE THEREOF
(31) 201911166352.3 (32) 25.11.19 (33) CN

SONG, J. see QU, Z.
(21) 2020100046

SONG, Y. see LIU, Z.
(21) 2020100048

(71) SONG, S.; GAO, Y.; LEI, M.; LI, B.; LI, Y.; WANG, Y.
(21) 2020100052 (22) 10.01.2020
(54) Unattended video classifying system based on transfer learning

(71) South China Agricultural University; Guangzhou Meihujian Biotechnology Ltd.; Guangzhou Boten Trading Ltd.
(21) 2020100038 (22) 08.01.2020
(54) A Skin UV-damaged Cell Model and Its Constructing Method and Application

(71) Southwest University
(21) 2020100078 (22) 16.01.2020
(54) A Distributed Generalization and Acceleration Strategy for Convex Optimization Problem

(71) SUN, W.; NIE, W.; WANG, T.; YUAN, Y.; ZENG, Y.; ZHANG, Z.
(21) 2020100045 (22) 10.01.2020

Innovation Patent Applications Filed - Name Index cont'd

- (54) A consortium block chain system using proof of work computing ability to realize valuable calculation
-
- (71) SUPETT LABORATORIES LIMITED
(21) 2020100064 (22) 13.01.2020
(54) Microcapsule of natural astaxanthin and preparation method thereof
-
- THE LOGICAL COMPANY see Papandrea, D.
(21) 2020100024
-
- THE LOGICAL COMPANY see THE LOGICAL COMPANY
(21) 2020100025
-
- (71) THE LOGICAL COMPANY; Papandrea, D.; THE LOGICAL COMPANY
(21) 2020100025 (22) 08.01.2020
(54) ANTI CARJACK & ANTI KEYS STOLEN. A electronic control unit to captures the inputs (ignition, driver door, seat belt switch, person on seat or presence sensor) or all input Data such as (CAN, LIN, FLEX RAY) to determine firstly that the owner driver (Anti Keys stolen) has started the vehicle and is driving. Then if driver is forcible removed from the vehicle it will automatically trigger Anti carjack mode and start delay timer to allow thief to gain distance from owner. . The thief does not know the location of touch point or hidden keypad to restart the car even though he has the keys
-
- (71) Trustee for Estuary Unit Trust
(21) 2020100023 (22) 07.01.2020
(54) ROTARY CUTTING DEVICE
-
- (71) Van Der Weegen, C.
(21) 2020100056 (22) 10.01.2020
(54) A catheter
-
- (71) Vincent Buda & Co Pty Ltd
(21) 2020100066 (22) 13.01.2020
(54) A Lintel
(31) 2019900242 (32) 25.01.19 (33) AU
-
- WANG, T. see SUN, W.
(21) 2020100045
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- WANG, Y. see QU, Z.
(21) 2020100046
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- WANG, S. see ZHANG, L.
(21) 2020100047
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- WANG, Z. see ZHANG, L.
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- (21) 2020100047
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- WANG, Y. see LIU, Z.
(21) 2020100048
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- WANG, Y. see SONG, S.
(21) 2020100052
-
- WANG, Y. see XU, T.
(21) 2020100053
-
- WANG, J. see XU, T.
(21) 2020100053
-
- (71) WAYBACKIDS PTY LTD
(21) 2020100076 (22) 16.01.2020
(54) Clothing with hidden accessible personal information for emergency situations
-
- (71) Wenzhou Medical University
(21) 2020100021 (22) 07.01.2020
(54) Hydrogel, pharmaceutical composition comprising same, and application thereof
(62) PCT/CN2018/092325
-
- (71) Woodley, A.
(21) 2020100013 (22) 05.01.2020
(54) A Method and Systems for Assisting the fighting of bushfires and for addressing and countering the effects of climate change
-
- WU, D. see Korotkov, V.
(21) 2020100058
-
- WU, Z. see ZHANG, L.
(21) 2020100047
-
- (71) Xinjiang Daqo New Energy Co., Ltd.
(21) 2020100042 (22) 09.01.2020
(54) Purification process of polycrystalline silicon raw material
(31) 201910342221.X (32) 26.04.19 (33) CN
-
- (71) XU, T.; LI, Y.; WANG, Y.; WANG, J.
(21) 2020100053 (22) 10.01.2020
(54) Data Sensing and Processing for Complex Engineering Systems
-
- XU, Y. see LIU, X.
(21) 2020100055
-
- (71) YANGZHOU UNIVERSITY
(21) 2020100080 (22) 16.01.2020
(54) Locally Strengthened Prefabricated Concrete Frame Beam-column Connection Joint
-
- YAO, D. see SHI, L.
(21) 2020100051
-
- (71) Youge Tiancheng Biotechnology (Yiwu) Co., Ltd.
(21) 2020100026 (22) 08.01.2020
(54) PORTABLE DEVICE AND METHOD FOR FIELD COLLECTION OF EUGLENA
(31) 201910749251.2 (32) 14.08.19 (33) CN
-
- YUAN, Y. see SUN, W.
(21) 2020100045
-
- ZENG, Y. see SUN, W.
(21) 2020100045
-
- ZHANG, Z. see SUN, W.
(21) 2020100045
-
- (71) ZHANG, L.; PENG, Y.; WANG, S.; WANG, Z.; WU, Z.
(21) 2020100047 (22) 10.01.2020
(54) The quadcopter for cleaning the glass of buildings
-
- ZHANG, Y. see LI, P.
(21) 2020100050
-
- (71) ZHAO, T.
(21) 2020100054 (22) 10.01.2020
(54) A combined process for the recovery of valuable metals from waste ternary cathode materials based on chlorination roasting at medium temperature and water leaching
-
- (71) Zhejiang University Ningbo Institute of Technology
(21) 2020100014 (22) 06.01.2020
(54) NEURON-CONTROLLED FAST CHARGER AND CONTROL METHOD THEREOF
(31) 201910318033.3 (32) 19.04.19 (33) CN
-
- ZHUANG, W. see SHI, L.
(21) 2020100051
-
- ZHUANG, Q. see LIU, X.
(21) 2020100055

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2020100015	AUSTECH PROJECTS PTY LTD	2020100055	LIU, X.; HE, Y.; SHEN, H.; XU, Y.; ZHUANG, Q.; LIU, C.
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2020100047	ZHANG, L.; PENG, Y.; WANG, S.; WANG, Z.; WU, Z.		Agro#Environmental Protection Institute, Ministry of Agriculture and Rural Affairs of the People's Republic of China
2020100048	LIU, Z.; DING, M.; HUANG, H.; SONG, Y.; WANG, Y.		Qilu University of Technology
2020100049	Screen & Blind Technologies Pty Ltd		Qilu University of Technology
2020100050	LI, P.; CHEN, R.; LI, Y.; SHEN, H.; SHEN, Q.; ZHANG, Y.		Agro#Environmental Protection Institute, Ministry of Agriculture and Rural Affairs of the People's Republic of China
			Qilu University of Technology
			Jining Center for Food and Drug Control(Jining Center for Adverse Drug Reaction and Drug Abuse Monitoring)

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)\See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)

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

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2019100506 (21F)	2019101208 (18AN)	2019201159 (12AN)
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2019900447 (12AN)	2019903557 (12AN)	

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2020200183 (12AN)		
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Complete Specifications Treated as Provisional Specifications, Section 37**2019**

2019284062 Kynan Duke IP, LLC; The University of Sydney	Pro-
Provisional Number: 2019904976	

Assignments before Grant, Section 113**2014**

2014284410 Origin, LLC The application has been assigned to **Flyingtee Tech, LLC**

2014405613 Origin, LLC The application has been assigned to **Flyingtee Tech, LLC**

2015

2015261442 Thales The application has been assigned to **REVENUE COLLECTION SYSTEMS FRANCE SAS**

2016

2016219194 Seven Marine, LLC The application has been assigned to **AB Volvo Penta**

2016225212 De La Rue International Limited The application has been assigned to **ID Global Solutions Limited**

2016248363 Wuhan Phagelux Bio-Tech Company Limited The application has been assigned to **Phagelux, Inc.**

2016250905 Genea Biocells USA (Holdings), Inc. The application has been assigned to **Sonic Master Limited**

2016262526 Uber Technologies, Inc. The application has been assigned to **UATC, LLC**

2016263700 Wuhan Phagelux Bio-Tech Company Limited The application has been assigned to **Phagelux, Inc.**

2016308479 First Response Locator Systems, Inc. The application has been assigned to **First Response Locator Systems of America, LLC**

2016355605 Uber Technologies, Inc. The application has been assigned to **UATC, LLC**

2017

2017210104 IH IP Holdings Limited; Barbee, Brent; Greenwald, Michael; Burgess, Darren The application has been assigned to **IH IP Holdings Limited**

2017232165 PAASCH, Robert The application has been assigned to **Consumer Products International LLC**

2017270574 Uber Technologies, Inc. The application has been assigned to **UATC, LLC**

2017290902 Uber Technologies, Inc. The application has been assigned to **UATC, LLC**

2017420623 Tomasik, Marcin; Grzesik, Andrzej; Musial, Elizeusz; Kucharski, Wojciech; Motorola Solutions, Inc.; Kruegel, Chris The application has been assigned to **Motorola Solutions, Inc.**

2018

2018208461 Johnson, Daniel; Zeamer, Paul; Walsh, James The application has been assigned to **OMS INVESTMENTS, INC.**

Assignments before Grant, Section 113

2018210857 Drum Workshop, Inc. The application has been assigned to **GEWA music GmbH**

2018248578 Strekin AG The application has been assigned to **Kinarus AG**

2018266630 Washme Properties, LLC The application has been assigned to **BELANGER, INC.**

2018269707 Nufarm Limited; Spogen Biotech Inc. The application has been assigned to **Spogen Biotech Inc.**

2018273832 Integrated Retail Distribution Pty Ltd The application has been assigned to **Inmotus Pty Ltd**

2018288316 DynaEnergetics GmbH & Co. KG The application has been assigned to **DynaEnergetics Europe GmbH**

2018904882 TELFER, Shane; QAZVINI, Omid The application has been assigned to **Massey University**

2019

2019200358 Biometrics, LLC The application has been assigned to **Stratus Medical, LLC**

2019200724 DynaEnergetics GmbH & Co. KG The application has been assigned to **DynaEnergetics Europe GmbH**

2019250173 Frank Russell Company The application has been assigned to **Russell Investments Group, LLC**

2019901554 Farwealth Nominees Ltd. The application has been assigned to **Cannon, Peter**

2019902808 The Bionics Institute of Australia The application has been assigned to **Deep Brain Stimulation Technologies Pty Ltd**

2019904212 Williams, Logan; Hill, Jeremy; Dybing, Stephen; FONTERRA CO-OPERATIVE GROUP LIMITED The application has been assigned to **FONTERA CO-OPERATIVE GROUP LIMITED**

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.

2008

2008266971 **EpicentRx, Inc.** An application to extend the time from 11 Jun 2019 to 11 Jan 2020 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2013

2013237655 **Reed, C.** An application to extend the time from 04 Oct 2019 to 04 Jan 2021 in which to gain acceptance has been filed . Ad-

Extensions of Time, Section 223

dress for service - The Trustee for Reed Family Trust 16 Moondani Drive Gilston QLD 4211 AU

2014

2014262380 **Chester, D.** An application to extend the time from 09 May 2019 to 09 Jan 2020 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016268249 **Illinois Tool Works Inc.** An application to extend the time from 27 Dec 2017 to 27 Aug 2019 in which to enter the National Phase has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019240592 **HeliMods Pty Ltd** An application to extend the time from 05 Apr 2018 to 05 Oct 2019 in which to make a further application for a divisional patent has been filed . Address for service - Wynnes Patent and Trade Mark Attorneys Pty Ltd Unit 4 27 Godwin St Bulimba QLD 4171 AU

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

2007215394 **Gravitas Technologies Pty Ltd** The time in which to pay a renewal fee has been extended to 16 Sep 2019 . Address for service - STEELE ENVIRONMENT SOLUTIONS PTY. LTD. PO BOX 91 Lynbrook VIC 3975 AU

2015

2015201197 **The trustee for The Sulisz Family Trust** The time in which to request examination has been extended to 03 Jan 2020 . Address for service - Matthew Sulman & Associates 29 Sleath Street TOOWONG QLD 4066 AU

2015234244 **Laing O'Rourke Australia Pty Limited** The time in which to pay the acceptance fee has been extended to 19 Jan 2020 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015373094 **Hacki, S.** The time in which to request Examination has been extended to 13 Nov 2019 . Address for service - Smoorenburg Patent and Trade Mark Attorneys PO Box 515 RINGWOOD VIC 3134 AU

2016

2016202230 **Deere & Company** The time in which to pay the acceptance fee has been extended to 19 Jan 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2016263801 **EMIT Imaging, Inc** The time in which to request Examination has been extended to 01 Jan 2020 . Address for service - Wallington-Dummer Se 1005 37 Bligh St Sydney NSW 2000 AU

2016278355 **DMAC IP Pty Ltd** The time in which to request examination has been extended to 22 Jan 2020 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

Extensions of Time, Section 223**2017**

2017265025 **Nyxoah SA** The time in which to pay the acceptance fee has been extended to 03 Feb 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018

2018258163 **Biomason, Inc.** The time in which to enter the National Phase has been extended to 25 Dec 2019 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2018271782 **Hexagon Technology As** The time in which to enter the National Phase has been extended to 24 Jan 2020 . Address for service - Acacia Law PO Box 1279 Milton QLD 4064 AU

2019

2019222832 **Makani Technologies LLC** The time in which to make a further application for a divisional patent has been extended to 06 Sep 2019 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019240552 **Harex Infotech Inc.** The time in which to make a further application for a divisional patent has been extended to 28 Sep 2019 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2019246751 **Kimberly-Clark Worldwide, Inc.** The time in which to request Examination has been extended to 15 Jan 2020 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019250201 **F. Hoffmann-La Roche AG** The time in which to request Examination has been extended to 22 Jan 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019279991 **CFPH, LLC** The time in which to make a further application for a divisional patent has been extended to 15 Dec 2019 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Amendments**Applications for Amendment**

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

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

2005

2005232970 In-can fuel cell metering valve **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015342774 EZH2 inhibitors and uses thereof **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 17 Jan 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2016

2016204253 Improved Tea Maker **Breville Pty Limited** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016221966 Adapter having a media separation membrane for a breast shield **Medela Holding AG** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2016350690 Methods for the preparation of obeticholic acid and derivatives thereof **Intercept Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Jan 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017268621 ANTIVIRAL THERAPY **ViiV Healthcare Company** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018

2018200571 COMPOSITIONS, METHODS AND USES FOR ALPH-A1 ANTITRYPsin FUSION MOLECULES **Advent Bio Holdings LLC ; The Regents of the University of Colorado, a Body Corporate ; Konkuk University** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018202282 Closure arrangements for liquid containers, liquid container assembly, and the like **Brook-Chrispin , S.** The nature of the amendment is: Amend the name of the inventor to read Brook-Chrispin, Kenneth; Brook-Chrispin, Samantha Claire and Mason, Jon . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018202460 Cotton Variety PX2A23W3FE **Agrigenetics, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018250536 Swimming pool cleaner and associated components **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAYES, Graham M. and TEUSCHER, Scott . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018250537 Swimming pool cleaner and associated components **Hayward Industries, Inc.** The nature of the amendment is: Amend the name of the inventor to read HAYES, Graham M. and TEUSCHER, Scott . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018253465 Automatic draining device for condensed water or leaking water in aeration pipeline **Hohai University** The nature of the amendment is: Amend the name of the inventor to read Xu, Ming; Cao,

Amendments

Jiashun; Shen, Xiaoxiao and Li, Chao . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

Amendments Made**2003**

2003206738 **Novartis AG** The nature of the amendment is as shown in the statement filed 14 Oct 2019

2012

2012394172 **Seipel, T.** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2019

2013

2013257430 **InterDigital CE Patent Holdings** The nature of the amendment is as shown in the statement filed 03 Oct 2019

2013393263 **Interdigital CE Patent Holdings, SAS** The nature of the amendment is as was notified in the Official Journal dated 07 Nov 2019

2014

2014227586 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2019

2014256398 **Iona Automotive Pty Ltd** The nature of the amendment is: Amend the invention title to read A CURTAIN ASSEMBLY

2014345926 **Fresenius Medical Care Deutschland GmbH** The nature of the amendment is as shown in the statement(s) filed 24 Sep 2019

2015

2015243088 **DePuy Synthes Products, Inc.** The nature of the amendment is: Amend the name of the inventor to read Diduch, David R.; Getelman, Mark H.; Miller, Jerome; Marks, Jacob A.; Ravenscroft, Matthew J.; Sengun, Mehmet Z.; Tang, Howard C. and Whittaker, Gregory R.

2015274647 **Molecular Templates, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Sep 2019

2015295037 **Azotic Technologies Ltd** The nature of the amendment is as shown in the statement filed 22 Oct 2019

2015333564 **KS Farmer & MA Tod Dental Pty Ltd; Farmer, K.; Tod, M.** The nature of the amendment is: Application is to proceed under the number 2015101980

2015342883 **Lysosomal Therapeutics Inc.** The nature of the amendment is: Amend the name of the inventor to read Skerlj, Renato T.; Lansbury, Peter T.; Good, Andrew C.; Bourque, Elyse Marie Josee; Silverman, Richard B.; Krainc, Dimitri and Zheng, Jianbin

2015370690 **MatOrtho Limited** The nature of the amendment is: Amend the name of the inventor to read Bird, Timothy Alan; Taylor, Andrew Clive; Collins, Simon and Tuke, Michael Antony

Amendments

2015414953 **EIZO Corporation** The nature of the amendment is as shown in the statement filed 24 Oct 2019

2016

2016239331 **MedImmune Limited** The nature of the amendment is as shown in the statements filed 16 Oct 2019 and 24 Oct 2019

2016315852 **First Wave Biopharma** The nature of the amendment is: Amend the name of the inventor to read Glick, Gary D.; Franchi, Luigi and Santus, Giancarlo

2016330030 **Astex Therapeutics Limited; Cancer Research Technology Limited** The nature of the amendment is: Amend the name of the inventor to read Chessari, Gianni; Howard, Steven; Buck, Ildiko Maria; Cons, Benjamin David; Johnson, Christopher Norbert; Holvey, Rhian Sara; Rees, David Charles; St. Denis, Jeffrey David; Tamanini, Emiliano; Golding, Bernard Thomas; Hardcastle, Ian Robert; Cano, Celine Florence; Miller, Duncan Charles; Cully, Sarah; Noble, Martin Edward Mäntylä; Osborne, James Daniel; Peach, Joanne; Lewis, Arwel; Hirst, Kim Louise; Whittaker, Benjamin Paul; Watson, David Wyn; Mitchell, Dale Robert and Griffin, Roger John

2016389460 **American Sterilizer Company** The nature of the amendment is as shown in the statement filed 10 Jan 2020

2016423976 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is as shown in the statement(s) filed 05 Dec 2019

2017

2017251769 **Evogene Ltd.** The nature of the amendment is as shown in the statement filed 22 Oct 2019

2017267771 **Komatsu Ltd.** The nature of the amendment is as shown in the statement filed 11 Oct 2019

2017283407 **Suzhou Yabao Pharmaceutical R&D Co., Ltd.; LifeArc** The nature of the amendment is: Amend the invention title to read SUBSTITUTED TRICYCLIC HETEROCYCLIC COMPOUNDS AND USE THEREOF

2017296362 **Indian Institute Of Technology (IIT Madras)** The nature of the amendment is as shown in the statement(s) filed 23 Apr 2019 and 18 Dec 2019

2017310900 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2019

2017311505 **Dexcom, Inc.** The nature of the amendment is: Amend the name of the inventor to read Cabrera, JR. Esteban; Armenta, Lauren Danielle; Belliveau, Scott M.; Blackwell, Jennifer; Bowman, Leif N.; Draeger, Rian; Garcia, Arturo; Goldsmith, Timothy Joseph; Gray, John Michael; Jackson, Andrea Jean; Kamath, Apurv Ullas; Koehler, Katherine Yerre; Kramer, Paul; Mandapaka, Aditya Sagar; Mensinger, Michael Robert; Mikami, Sumitaka; Morris, Gary A.; Nirmal, Hemant Mahendra; Noble-Campbell, Paul; Pupa, Philip Thomas; Reihman, Eli; Simpson, Peter C.; Smith, Brian Christopher and Wiley, Atiim Joseph

2017361481 **Angel Playing Cards Co., Ltd.** The nature of the amendment is: Amend the invention title to read Inspection system and cash register system

Amendments

2017367706 **Evoqua Water Technologies Limited** The nature of the amendment is: Amend the name of the inventor to read Nupnau, Lars and Rogers, Peter G.

2017374457 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 11 Dec 2019

2017377855 **Xante Corporation** The nature of the amendment is as shown in the statements filed 06 Sep 2019 and 23 Oct 2019

2017398473 **AxoGen Corporation** The nature of the amendment is: Amend the name of the inventor to read Deister, Curt; Orrico, Michael Raymond and Drach, Gregory

2018

2018202463 **Agrigenetics, Inc.** The nature of the amendment is: Amend the invention title to read Cotton variety PX2A31W3FE

2018203975 **Marchitto, S.** The nature of the amendment is: Application is to proceed under the number 2018102155

2018204427 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 15 Oct 2019

2018204430 **Apple Inc.** The nature of the amendment is as shown in the statement filed 10 Oct 2019

2018205088 **TMS Global Services Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102154

2018227737 **Chengdu Huitai Biomedicine Co., Ltd.** The nature of the amendment is as shown in the statements filed 25 Sep 2019 and 09 Jan 2020

2018247246 **MASTERCARD INTERNATIONAL INCORPORATED** The nature of the amendment is: Amend the invention title to read Systems and methods for authenticating a user based on biometric and device data

2018252957 **Northrop Grumman Innovation Systems, Inc.** The nature of the amendment is: Amend the name of the inventor to read Sorensen, Peter O.; Michel, Matthew Alan; Llorens, William A.; Murphy, David M.; Braden, Jeffrey R.; McEachen, Michael Edward and Foster, Michael

2018257334 **Sharp Kabushiki Kaisha; FG Innovation Company Limited** The nature of the amendment is: Amend the invention title to read Base station apparatus, terminal apparatus, communication method, and integrated circuit

2018270179 **Angel Playing Cards Co., Ltd.** The nature of the amendment is: Amend the invention title to read Inspection system and game token

2018272753 **World Class Technology Corporation** The nature of the amendment is: Amend the priority details to read 15/601,646 22 May 2017 US

2018274709 **Institute of Genetics and Developmental Biology Chinese Academy of Sciences** The nature of the amendment is: Amend the name of the inventor to read Fu, Xiangdong; Wang, Shuan-

Amendments

suo; Wu, Kun; Liu, Qian; Huang, Ke; Duan, Penggen; Zhang, Baolan; Li, Yunhai and Qian, Qian

2018284089 **Magic Leap, Inc.** The nature of the amendment is: Amend the name of the inventor to read Schaefer, Jason; Cheng, Hui-Chuan; Manly, David; Trisnadi, Jahja I.; Carlisle, Clinton and Klug, Michael Anthony

2018285297 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RATE MATCHING METHOD AND APPARATUS, AND RATE DE-MATCHING METHOD AND APPARATUS

2018286295 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read UPLINK RESOURCE GRANT METHOD AND APPARATUS, AND SYSTEM

2018287736 **TECHTRONIC CORDLESS GP** The nature of the amendment is: Amend the name of the inventor to read Pougher, Simon Matthew; Holmes, Darren; Waters, Richard and Jaanus, Anna

2018287737 **TECHTRONIC CORDLESS GP** The nature of the amendment is: Amend the name of the inventor to read Pougher, Simon Matthew; Casella, Jose; Holmes, Darren; Waters, Richard and Jaanus, Anna

2018287738 **TECHTRONIC CORDLESS GP** The nature of the amendment is: Amend the name of the inventor to read Pougher, Simon Matthew; Casella, Jose; Holmes, Darren; Waters, Richard and Jaanus, Anna

2018287739 **TECHTRONIC CORDLESS GP** The nature of the amendment is: Amend the name of the inventor to read Pougher, Simon Matthew; Holmes, Darren; Waters, Richard and Jaanus, Anna

2018289227 **Tendo Ab** The nature of the amendment is as shown in the statement filed 16 Dec 2019

2018290360 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read PICTURE DATA ENCODING METHOD AND APPARATUS AND PICTURE DATA DECODING METHOD AND APPARTATUS

2018291349 **Kuraray Noritake Dental Inc.** The nature of the amendment is: Amend the invention title to read Two-paste Dental Curable Composition

2018294981 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Information processing method, apparatus, and communication apparatus

2018295867 **SK Bioscience Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method of preparing influenza working virus seed stock, method of preparing influenza vaccine using same seed stock, and virus seed stock prepared by same method

2018297329 **Drexel University** The nature of the amendment is as shown in the statement(s) filed 24 Dec 2019

2018301401 **Hollister Incorporated** The nature of the amendment is: Amend the name of the inventor to read MONTES DE OCA, Hora-

Amendments

cio; FITZPATRICK, James J.; RENEHAN, Thomas; O'BRIEN, Daniel E.; FOLEY, Adam J.; ROSTAMI, Shamsedin and CARTER, Enda F.

2018308486 **Guo, Q.** The nature of the amendment is: Amend the invention title to read DIRECT CURRENT ARC EXTINGUISHING APPARATUS

2018308487 **Guo, Q.** The nature of the amendment is: Amend the invention title to read DIRECT CURRENT ARC EXTINGUISHING CIRCUIT AND APPARATUS

2018309165 **Boston Scientific Scimed, Inc.** The nature of the amendment is: Amend the invention title to read Medical Illumination Device and Related Methods

2018394476 **Komatsu Ltd.** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2020

2019

2019100576 **Apple Inc.** The nature of the amendment is as shown in the statement filed 07 Jan 2020

2019101167 **Tian, M.; Dai, Y.; Fu, Y.; Li, M.; Li, T.; Zhao, Y.** The nature of the amendment is: Amend the name of the inventor to read Tian, Mengqi; Dai, Yuting; Fu, Yu; Li, Mu; Li, Tianyi and Zhao, Yanxin

2019101170 **Xu, T.; Cheng, Z.; Wang, J.; Xu, K.; Teng, Q.; Wang, D.** The nature of the amendment is: Amend the name of the inventor to read Xu, Tianyang; Cheng, Zhengran; Wang, Jiayin; Xu, Ke; Teng, Qizhi and Wang, Dacheng

2019101183 **Xu, J.; Han, Y.; Peng, Z.; Wang, L.; Zhang, X.** The nature of the amendment is: Amend the name of the inventor to read Xu, Judu; Han, Yining; Peng, Zouzhang; Wang, Luyang and Zhang, Xiaobin

2019203738 **W. L. Gore & Associates, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2020

2019207254 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DUPLICATION MODE COMMUNICATION PROCESSING METHOD IN CU-DU ARCHITECTURE, AND DEVICE

2019222918 **Riptide Bioscience, Inc.** The nature of the amendment is: Amend the name of the inventor to read Jaynes, Jesse; Clemens, L. Edward; Lopez, Henry W.; Martin, George R. and Woodburn, Kathryn

2019275650 **Berkeley Lights, Inc.** The nature of the amendment is: Amend the name of the inventor to read Hobbs, Eric D.; White, Mark P.; Nevill, J. Tanner; Malleo, Daniele and Short, Steven W.

2019279983 **IDEAMIA France** The nature of the amendment is: Amend the invention title to read Secure access to encrypted data of a user terminal

2020

2020200108 **BISSELL Inc.** The nature of the amendment is: Application is to proceed under the number 2020100100

Amendments**Alteration of Name(s) of Applicant(s)/Patentee(s)****2007**

2007267135 Solvay Pharmaceuticals GmbH The name of the patentee has been altered to **AbbVie Pharmaceuticals GmbH**

2009

2009312532 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2012

2012235758 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2012282116 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2013

2013273115 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2013360812 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2013371957 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2014

2014238259 S&S Medical Products, LLC The name of the patentee has been altered to **Breakthrough Innovations, LLC**

2014254001 Molecular Systems, Ltd. ; Kalmeta, Margaret The name of the applicant has been altered to **BioRegentech, LLC; Kalmeta, M.**

2014304570 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2014315135 Prisident and Fellows of Harvard College The name of the applicant has been altered to **President and Fellows of Harvard College**

2015

2015210378 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2015227278 Motus Therapeutics, Inc. The name of the applicant has been altered to **Allergan GI Corp.**

2015249084 Ogo Technology Limited The name of the patentee has been altered to **Omeo Group Limited**

2015341884 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

2015342169 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

Amendments**2016**

2016204274 Glenmark Pharmaceuticals S.A. The name of the patentee has been altered to **Ichnos Sciences SA**

2016225277 UCL Business PLC The name of the applicant has been altered to **UCL Business Ltd**

2016266567 T0.COM, INC The name of the applicant has been altered to **tZERO Group, Inc.**

2016315860 Agrimetis, LLC The name of the applicant has been altered to **AgriMetis, LLC**

2016317848 Agrimetis, LLC The name of the applicant has been altered to **AgriMetis, LLC**

2016317854 Agrimetis, LLC The name of the applicant has been altered to **AgriMetis, LLC**

2017

2017227553 Agrimetis, LLC The name of the applicant has been altered to **AgriMetis, LLC**

2017419266 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.**

2017419978 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.**

2017420004 TTI (Macao Commercial Offshore) Limited The name of the applicant has been altered to **TECHTRONIC CORDLESS GP**

2017420074 TTI (Macao Commercial Offshore) Limited The name of the applicant has been altered to **TECHTRONIC CORDLESS GP**

2017424143 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.**

2017425736 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.**

2018

2018200511 Venitas Research Center, LLC The name of the patentee has been altered to **VENITAS RESEARCH CENTER INC**

2018204314 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

2018204332 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

2018207051 Agrimetis, LLC The name of the applicant has been altered to **AgriMetis, LLC**

2018234068 BioNTech Cell & Gene Therapies GmbH; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Guten-

Amendments

berg-Universität Mainz Gemeinnützige GmbH; Universitätsmedizin der Johannes Gutenberg-Universität Mainz The name of the applicant has been altered to **BioNTech Cell & Gene Therapies GmbH; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2018253352 BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Universitätsmedizin der Johannes Gutenberg-Universität Mainz The name of the applicant has been altered to **BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2018256487 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

2018259039 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

2018272986 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

2018279300 Stone Three Mining Solutions (Pty) Ltd The name of the applicant has been altered to **Stone Three Digital (Pty) Ltd**

2018287736 TTI (Macao Commercial Offshore) Limited The name of the applicant has been altered to **TECHTRONIC CORDLESS GP**

2018287737 TTI (Macao Commercial Offshore) Limited The name of the applicant has been altered to **TECHTRONIC CORDLESS GP**

2018287738 TTI (Macao Commercial Offshore) Limited The name of the applicant has been altered to **TECHTRONIC CORDLESS GP**

2018287739 TTI (Macao Commercial Offshore) Limited The name of the applicant has been altered to **TECHTRONIC CORDLESS GP**

2018288044 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.**

2018290441 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.**

2018290499 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.**

2018298108 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.**

2018302889 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.**

Amendments

2018304331 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.**

2018322478 The Board of Tructees of The Leland Stanford Junior University The name of the applicant has been altered to **The Board of Trustees of The Leland Stanford Junior University**

2018415763 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.**

2019

2019101167 Tian, Mengqi; Dai, Yuting; Fu, Yu; Li, Mu; Li, Tianxiang; Zhao, Yanxin The name of the patentee has been altered to **Tian, M.; Dai, Y.; Fu, Y.; Li, M.; Li, T.; Zhao, Y.**

2019101170 Xu, Tianyang; Cheng, Zhenran; Wang, Jiayin; Xu, Ke; Teng, Qizhi; Wang, Dacheng The name of the patentee has been altered to **Xu, T.; Cheng, Z.; Wang, J.; Xu, K.; Teng, Q.; Wang, D.**

2019101183 Xu, Judu; Han, Yining; Peng, Zhouzhang; Wang, Luyang; Zhang, Xiaobin The name of the patentee has been altered to **Xu, J.; Han, Y.; Peng, Z.; Wang, L.; Zhang, X.**

2019101680 Kabu Walter Makgeru as joint trustee of the KMN FULFILMENT TRUST; Justin David Louis Weingerg as joint trustee of the KMN FULFILMENT TRUST The name of the applicant has been altered to **Kabu Walter Makgeru as joint trustee of the KMN FULFILMENT TRUST; Justin David Louis Weinberg as joint trustee of the KMN FULFILMENT TRUST**

2019236586 Glenmark Pharmaceuticals S.A. The name of the applicant has been altered to **Ichnos Sciences SA**

2019250219 Axiflux Pty Ltd The name of the applicant has been altered to **Axiflux Holdings Pty Ltd**

2019253808 Axiflux Pty Ltd The name of the applicant has been altered to **Axiflux Holdings Pty Ltd**

2019900991 University of New South Wales; NSW Health Pathology; South Eastern Sydney Area Health Service The name of the applicant has been altered to **NewSouth Innovations Pty Limited; NSW Health Pathology; South Eastern Sydney Area Health Service**

Applications Open to Public Inspection

Name Index

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

(71) ABUS August Bremicker Söhne KG
 (11) AU-A-2019204274
 (21) 2019204274 (22) 19.06.2019
 (54) PADLOCK
 (51) Int. Cl.
E05B 67/24 (2006.01)
 (31) 102018117023.8 (32) 13.07.18 (33) DE
 (43) 30.01.2020
 (72) Fan, Wai Kuen
 (74) Phillips Ormonde Fitzpatrick

(71) Accenture Global Solutions Limited
 (11) AU-A-2019204681
 (21) 2019204681 (22) 01.07.2019
 (54) EVALUATING IMPACT OF PROCESS AUTOMATION ON KPIs
 (51) Int. Cl.
G06Q 10/10 (2012.01)
G06Q 10/00 (2012.01)
 (31) 16/034,962 (32) 13.07.18 (33) US
 (43) 30.01.2020
 (72) KOTHANDARAMAN, Ramkumar; RAMESH, Koduvayur Vaidyanathan; KALRA, Puneet; BALUGARI, Sunil; SHARMA, Sudeep
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019204776
 (21) 2019204776 (22) 03.07.2019
 (54) PREVENTATIVE DIAGNOSIS PREDICTION AND SOLUTION DETERMINATION OF FUTURE EVENT USING INTERNET OF THINGS AND ARTIFICIAL INTELLIGENCE
 (51) Int. Cl.
G06Q 10/06 (2012.01)
 (31) 16/035,087 (32) 13.07.18 (33) US
 (43) 30.01.2020
 (72) LU, Mingzhu
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2019204976
 (21) 2019204976 (22) 11.07.2019
 (54) INTELLIGENT DATA INGESTION SYSTEM AND METHOD FOR GOVERNANCE AND SECURITY
 (51) Int. Cl.
G06F 16/00 (2019.01)
G06F 21/60 (2013.01)
 (31) 201841026208 (32) 13.07.18 (33) IN
 16/298,719 11.03.19 US
 (43) 30.01.2020
 (72) OKORAFOR, Ekpe; RAY, Atish; PAUL, Nayanjyoti; GUPTA, Naveen; GUPTA, Sudhanshu; KUMAR, Vineet; DAS, Jayanta; SHRIVASTAVA, Amit Chandra
 (74) Murray Trento & Associates Pty Ltd

(71) Adient Medical, Inc
 (11) AU-A-2020200166
 (21) 2020200166 (22) 09.01.2020
 (54) Method and apparatus for deploying and retrieving objects in a cavity
 (51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/08 (2006.01)
 (43) 30.01.2020
 (62) 2017259981
 (72) Eggers, Mitchell; Durack, Jeremy; Steele, Joseph; Kirk, Raymond; Hogan, Michael; Franklin, David
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Advanced Bariatric Technology, LLC
 (11) AU-A-2020200090
 (21) 2020200090 (22) 07.01.2020
 (54) Bariatric clamp with suture portions, magnetic inserts and curvature
 (51) Int. Cl.
A61B 17/10 (2006.01)
 (43) 30.01.2020
 (62) 2015306617
 (72) Armenteros, Jesus R.; French, C. Kenneth; Jacobs, Moises
 (74) Davies Collision Cave Pty Ltd

(71) AEL Mining Services Limited
 (11) AU-A-2019205978
 (21) 2019205978 (22) 15.07.2019
 (54) Explosives blasting
 (51) Int. Cl.
F42D 5/02 (2006.01)
 (31) 2018/04717 (32) 16.07.18 (33) ZA
 (43) 30.01.2020
 (72) PELTZ, Christo; KELLY, Cheryl Lynn; BEZUIDENHOUT, Hendrik Cornelius
 (74) Watermark Intellectual Property Pty Ltd

(71) Aguti Produktentwicklung & Design GmbH
 (11) AU-A-2019204769
 (21) 2019204769 (22) 03.07.2019
 (54) SEAT FRAME FOR A SEAT ARRANGEMENT OF A VEHICLE
 (51) Int. Cl.
B60N 2/22 (2006.01)
 (31) 10 2018 117 026.2 (32) 13.07.18 (33) DE
 (43) 30.01.2020
 (72) Rogg, Christian
 (74) Phillips Ormonde Fitzpatrick

(71) Alector LLC
 (11) AU-A-2019246837
 (21) 2019246837 (22) 12.07.2019

(54) Anti-Sortilin antibodies and methods of use thereof
 (51) Int. Cl.
A61K 31/7088 (2006.01)
C07K 16/28 (2006.01)
 (31) 62/698,007 (32) 13.07.18 (33) US
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C12N 15/63 (2006.01)
A01H 1/04 (2006.01)
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A01H 5/00 (2006.01)
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A61K 39/395 (2006.01)
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G06N 3/08 (2006.01)
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C12N 5/0783 (2010.01)
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A47L 15/08 (2006.01)
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2018204669	JointAction Group Pty Ltd	2019284142	Ionis Pharmaceuticals, Inc.
2018205075	Gumley, S.	2019284143	Performance Lab Technologies Limited
2018205099	Heidel, K.	2019284144	InterDigital Patent Holdings, Inc.
2018205101	Kao, J.	2019284146	Waymo LLC
2018205128	The Boeing Company	2019284148	NTT DOCOMO, INC.
2018205160	Kros Investments Pty Ltd	2019284149	Calithera Biosciences, Inc.
2018205198	Breathe Fresh Australia Pty Ltd	2019284150	NTT DOCOMO, INC.
2018241049	SHENZHEN HELLO TECH ENERGY CO., LTD.	2019284153	Covidien LP
2018322507	Alibaba Group Holding Limited	2020200002	Big Belly Solar, Inc.
2018327218	Alibaba Group Holding Limited	2020200005	Norton (Waterford) Limited
2018431390	China University of Mining and Technology	2020200006	Sofradim Production
2019202776	Weatherford Technology Holdings, LLC	2020200008	Yale University
2019203937	The Boeing Company	2020200010	INSTITUT DE RECERCA CONTRA LA LEUCEMIA JOSEP CARRERAS
2019204064	MacDon Industries Ltd.	2020200011	LG Electronics Inc.
2019204220	Watclip Pty Ltd	2020200012	Humanscale Corporation
2019204238	The Boeing Company	2020200013	Avery Dennison Corporation
2019204274	ABUS August Bremicker Söhne KG	2020200014	Howmedica Osteonics Corp.
2019204296	Covidien LP	2020200015	Shire ViroPharma Incorporated
2019204308	Covidien LP	2020200017	Oleynik, M.
2019204350	Depuy Synthes Products, LLC	2020200019	NewMarket Pharmaceuticals LLC
2019204515	Biosense Webster (Israel) Ltd.	2020200020	Cerner Innovation, Inc.
2019204588	IGT	2020200021	Smith, C.
2019204590	IGT	2020200022	The Regents of the University of California
2019204652	IGT	2020200023	Iantech, Inc.
2019204681	Accenture Global Solutions Limited	2020200025	The Yokohama Rubber Co., Ltd.
2019204698	LIN, H.	2020200026	Baxalta GmbH; Baxalta Incorporated
2019204768	IGT	2020200027	Repros Therapeutics Inc.
2019204769	Aguti Produktentwicklung & Design GmbH	2020200028	Apple Inc.
2019204776	Accenture Global Solutions Limited	2020200029	ExThera Medical Corporation
2019204806	USound GmbH	2020200030	LG Electronics Inc.
2019204814	ee-FIT Pty Ltd	2020200034	The Regents of the University of California
2019204828	Caldera Engineering, LC	2020200035	Levy, F.; Levy, K.
2019204840	Mitsubishi Heavy Industries Thermal Systems, Ltd.	2020200036	Aristocrat Technologies Australia Pty Limited
2019204851	RIPRUP Company S.A.	2020200038	Aristocrat Technologies Australia Pty Limited
2019204857	voestalpine Schienen GmbH	2020200039	CFPH, LLC
2019204875	Weber-Stephen Products LLC	2020200040	ConocoPhillips Company
2019204919	BHP Innovation Pty Ltd	2020200042	Radio Flyer Inc.
2019204942	Universal Packaging Limited	2020200044	AMDT Holdings, Inc.
2019204953	Tata Consultancy Services Limited	2020200045	NEC Corporation of America
2019204959	Bedetti, G.; Bedetti, D.	2020200046	Nevis Industries LLC
2019204976	Accenture Global Solutions Limited	2020200048	LG Electronics Inc.
2019204978	ServiceNow, Inc.	2020200051	Trinity Bay Equipment Holdings, LLC
2019205005	Ryan Francis Limited	2020200052	Regeneron Pharmaceuticals, Inc.
2019205008	Cohda Wireless Pty Ltd	2020200053	Qualcomm Incorporated
2019205013	Neuroanalytics Pty Ltd.	2020200054	MacroGenics, Inc.
2019205014	CSR Building Products Limited	2020200055	Implantica Patent Ltd
2019205016	Schott AG	2020200056	Patent Investment & Licensing Company
2019205018	Fenestration Solutions Australia Pty Ltd	2020200057	govino, LLC
2019205025	ServiceNow, Inc.	2020200058	Intuit Inc.
2019205974	Eaton Intelligent Power Limited	2020200059	Intuit Inc.
2019205978	AEL Mining Services Limited	2020200060	MEMARI, A.
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2019222930	Silicon Controls Pty Ltd	2020200065	Selecta Biosciences, Inc.
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2019246837	Alector LLC	2020200067	NOWWW.US PTY LTD
2019271933	STUBBS, M.	2020200069	Blue Belt Technologies, Inc.
2019272065	Illumina, Inc.	2020200070	Rearden, LLC
2019283854	Becton, Dickinson and Company	2020200071	PayPal, Inc.
2019283922	Universiteit Utrecht Holding B.V.	2020200073	Intuit, Inc.
2019283957	Vomaris Innovations, Inc.	2020200074	Huawei Technologies Co., Ltd.
2019284114	Covidien LP	2020200075	United States Postal Service
2019284120	MasterCard International Incorporated	2020200076	Hayward Industries, Inc.
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2020200092	Max-Delbrück-Centrum für molekulare Medizin (MDC) Berlin-Buch		
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2020200101	Genentech, Inc.		
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2020200116	Blaze Bioscience, Inc.		
2020200117	RedFlow R&D Pty Ltd		
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2020200121	Canon Kabushiki Kaisha		
2020200122	THE CHINESE UNIVERSITY OF HONG KONG		
2020200125	SCHLUMBERGER TECHNOLOGY B.V.		
2020200128	THE CHINESE UNIVERSITY OF HONG KONG		
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2020200133	Binmartine Pty Ltd		
2020200134	BAYER HEALTHCARE LLC		
2020200137	Globelmmune, Inc.; The United State of America, as represented by the Secretary, Department of Health & Human Services		
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2020200143	The Johns Hopkins University		
2020200146	Becton, Dickinson and Company		
2020200147	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI		
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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(71) fabZing Pty Ltd (11) AU-A-2019101510 (21) 2019101510 (22) 04.12.2019 (54) SYSTEM AND METHOD FOR GENERATING A DISPLAY FROM MULTIPLE MEDIA FORMATS A system and method for generating a display on a client device where a display template is created with embedded tags to identify media format types to permit the combination of different types of media on a single display. The system and method may incorporate artificial intelligence to personalize the display to the needs of the user. (51) Int. Cl. <i>G06F 7/76</i> (2006.01)	(31) 2014904864 (32) 01.12.14 (33) AU (45) 30.01.2020 (72) Shaffer, Jon Frank (74) fabZing Pty Ltd	Liu, X. see Gao, X. (21) 2019101187
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C12N 5/0735 (2010.01)
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B01J 43/00 (2006.01)
C07C 51/47 (2006.01)
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B60K 1/04 (2019.01)
H01M 2/10 (2006.01)
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C07F 9/655 (2006.01)
C08K 5/04 (2006.01)
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C07F 9/655 (2006.01)
C08K 5/04 (2006.01)
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C05G 3/00 (2006.01)
A01P 3/00 (2006.01)
C05G 3/60 (2020.01)
C05G 3/80 (2020.01)
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A61P 33/00 (2006.01)
C07D 401/04 (2006.01)
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C08L 7/00 (2006.01)
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C22B 3/02 (2006.01)
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A61K 31/352 (2006.01)
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A61C 13/00 (2006.01)
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A61B 17/03 (2006.01)
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G01N 33/53 (2006.01)
C07K 16/18 (2006.01)
G01N 33/543 (2006.01)
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 anomalies
 (51) Int. Cl.
G01R 31/34 (2006.01)
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 fibronectin type III domains and meth-
 ods of using the same
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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 Jill; NASO, Michael
 (74) Shelston IP Pty Ltd.

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 Company; Gilead Sciences, Inc.
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 (21) 2018304373 (22) 19.07.2018
 (54) Compositions comprising darunavir,
 cobicistat, emtricitabine and tenofovir
 alafenamide for use in the treatment of
 HIV
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/34 (2006.01)
A61K 31/513 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/675 (2006.01)
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 OPSOMER, Magda; PRYZ, William;
 ZIA, Vahid
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 (51) Int. Cl.
C07K 14/005 (2006.01)
A61K 39/12 (2006.01)
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 Massachusetts Institute of Technology
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 logous repRNA immunizations
 (51) Int. Cl.
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 (74) Shelston IP Pty Ltd.

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 excessive sleepiness
 (51) Int. Cl.
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A61P 25/00 (2006.01)
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 (72) CARTER, Lawrence Patrick; LU, Yuan
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 Shanghai Hengrui Pharmaceutical Co.,
 Ltd
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 ing fragment thereof and medical use
 thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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C12N 15/13 (2006.01)
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Shanghai Hengrui Pharmaceutical Co.,
Ltd
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(54) Pharmaceutical composition comprising
c-Met antibody-drug conjugate and use
thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
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Shanghai Hengrui Pharmaceutical Co.,
Ltd.
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(54) SOST antibody pharmaceutical com-
position and uses thereof
(51) Int. Cl.
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A61P 19/10 (2006.01)
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(74) FB Rice Pty Ltd
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(54) Method for preparing pyrimidone het-
eroaryl derivative and intermediate of
pyrimidone heteroaryl derivative
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 15/00 (2006.01)
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(54) Light aesthetic sunscreen compositions
(51) Int. Cl.
A61K 8/87 (2006.01)
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A61Q 17/04 (2006.01)
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Daniel; CONSUL DE MORAES, Alice
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an attachment part
(51) Int. Cl.
B01D 25/21 (2006.01)
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Bernhard
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(54) Bioresorbable bone implant and pro-
duction method
(51) Int. Cl.
A61C 8/02 (2006.01)
A61C 13/00 (2006.01)
A61F 2/28 (2006.01)
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Frank; WOLFRAM, Tobias; AKSU,
Adem
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Co. KG
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(54) Bone augmentation piece, and kit con-
sisting of a bone augmentation piece
with an inserted (dental) implant
(51) Int. Cl.
A61C 8/02 (2006.01)
A61F 2/28 (2006.01)
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INAUER, Frank; AKSU, Adem
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Co. KG
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having a cutting-tool guide device/sec-
tion
(51) Int. Cl.
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micro-tumors
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siloxane polyether compounds for en-
hanced oil recovery applications
(51) Int. Cl.
C08L 83/12 (2006.01)
C10G 33/04 (2006.01)
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(74) Griffith Hack
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poly(alkyl) acrylate compounds for en-
hanced oil recovery applications
(51) Int. Cl.
C10L 1/18 (2006.01)
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C10L 1/195 (2006.01)
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(54) Method for increasing the strength
properties of a paper or board product
(51) Int. Cl.

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D21H 17/44 (2006.01)
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(74) Griffith Hack
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(51) Int. Cl.
A61F 2/24 (2006.01)
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G06T 7/00 (2017.01)
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(54) Turbine flow meter, assembly, and method for measuring at least one flow characteristic
(51) Int. Cl.
G01F 1/075 (2006.01)
G01F 15/00 (2006.01)
G01F 25/00 (2006.01)
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G05D 1/02 (2006.01)
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(54) Capsule and system for preparing a beverage
(51) Int. Cl.
B65D 85/804 (2006.01)
A47J 31/36 (2006.01)
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(54) Assembly of a capsule and a brew chamber, brew chamber, beverage preparation machine, capsule and use of a capsule
(51) Int. Cl.
A47J 31/36 (2006.01)
B65D 85/804 (2006.01)
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(11) AU-A-2018290633
(21) 2018290633 (22) 02.07.2018
(54) Conjugate of VEGF-Grab protein and drug, and use thereof
(51) Int. Cl.
C07K 14/71 (2006.01)
A23K 20/10 (2016.01)
A23L 33/10 (2016.01)
A61K 39/395 (2006.01)
A61K 47/64 (2017.01)
C07K 16/00 (2006.01)
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(11) AU-A-2018291349
(21) 2018291349 (22) 28.06.2018
(54) Two-paste type dental curable composition
(51) Int. Cl.
A61K 6/00 (2006.01)
A61K 6/849 (2020.01)
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(54) Coated closed-cell foam tube insulations and methods for producing the same
(51) Int. Cl.
C08J 9/36 (2006.01)
F16L 59/14 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
A61K 31/00 (2006.01)
A61K 47/14 (2017.01)
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 (21) 2017428335 (22) 21.08.2017
 (54) Iterative real-time steering of a drill bit
 (51) Int. Cl.
E21B 44/00 (2006.01)
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 (87) WO2019/040039
 (43) 28.02.2019
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 (74) Phillips Ormonde Fitzpatrick
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 (51) Int. Cl.
E21B 44/00 (2006.01)
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G06T 17/05 (2011.01)
E21B 47/00 (2012.01)
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E21B 44/00 (2006.01)
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- (71) LaterPay AG
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 (21) 2018296666 (22) 06.07.2018
 (54) Methods and systems for referer-based payment system selection for internet-based merchants
 (51) Int. Cl.
G06Q 30/06 (2012.01)
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 (51) Int. Cl.
F04D 29/66 (2006.01)
F04D 29/22 (2006.01)
F04D 29/24 (2006.01)
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 (54) Laundry handling apparatus
 (51) Int. Cl.
D06F 58/24 (2006.01)
D06F 34/00 (2020.01)
D06F 58/10 (2006.01)
D06F 69/00 (2006.01)
 (87) WO2018/217033
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 (21) 2018271740 (22) 24.05.2018
 (54) Laundry handling apparatus
 (51) Int. Cl.
D06F 35/00 (2006.01)
D06F 33/30 (2020.01)
D06F 39/08 (2006.01)
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 (31) 10-2017-0064247 (32) 24.05.17 (33) KR (43) 29.11.2018
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 (11) AU-A-2018281237
 (21) 2018281237 (22) 05.06.2018
 (54) Motor driving apparatus
 (51) Int. Cl.
H02P 21/00 (2016.01)
H02P 27/08 (2006.01)
 (87) WO2018/226025
 (31) 10-2017-0070945 (32) 07.06.17 (33) KR 10-2017-0104384 17.08.17 KR (43) 13.12.2018
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 (74) Dentons New Zealand Limited
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- (71) LG Electronics Inc.
 (11) AU-A-2018295870
 (21) 2018295870 (22) 05.07.2018
 (54) Refrigerator and method of controlling the same
 (51) Int. Cl.
F25D 29/00 (2006.01)
F25D 17/04 (2006.01)
F25D 17/06 (2006.01)
 (87) WO2019/009643
 (31) 10-2017-0085556 (32) 05.07.17 (33) KR (43) 10.01.2019
 (72) AHN, Seunguk; KIM, Kyungseok; CHAE, Sunam
 (74) Dentons New Zealand Limited
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 (11) AU-A-2018296142
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 (54) Crane and method for controlling such a crane
 (51) Int. Cl.
B66C 13/06 (2006.01)
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 (54) Cryogenic and LCO₂ flour chilling system
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G01M 5/00 (2006.01)	B32B 37/14 (2006.01)			
G01M 99/00 (2011.01)	A61F 15/00 (2006.01)			
G06F 30/00 (2020.01)	B29C 65/00 (2006.01)			
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A61K 31/5415 (2006.01)
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C08G 63/00 (2006.01)
C08L 67/04 (2006.01)
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A01N 47/18 (2006.01)
A01P 3/00 (2006.01)
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A61L 27/44 (2006.01)
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A61P 25/00 (2006.01)
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H01M 10/0525 (2010.01)
H02J 50/20 (2016.01)
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F21Y 115/10 (2016.01)
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H04W 28/04 (2009.01)
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milk beverages, preferably for installing
into a coffee machine
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from a coffee machine, and an operat-
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reprogrammed keratinocyte stem cells
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B61H 5/00 (2006.01)
B61H 1/00 (2006.01)
B61H 13/00 (2006.01)
B61H 13/24 (2006.01)
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F16D 65/04 (2006.01)
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C12M 1/107 (2006.01)
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H01L 31/054 (2014.01)
H02S 20/32 (2014.01)
H02S 40/22 (2014.01)
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H01L 31/054 (2014.01)
H02S 20/10 (2014.01)
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B42D 25/328 (2014.01)
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 B05D 7/00 (2006.01)

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C01B 33/037 (2006.01) *A61B 3/00* (2006.01)
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G01C 21/34 (2006.01)
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H04W 4/02 (2018.01)
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A61M 5/142 (2006.01)
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 (11) AU-A-2018297285
 (21) 2018297285 (22) 05.07.2018
 (54) Compositions and methods for treating or preventing endocrine FGF-linked diseases
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 3/04 (2006.01)
G01N 33/50 (2006.01)
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
G01N 33/74 (2006.01)
 (87) WO2019/010314
 (31) 62/529,215 (32) 06.07.17 (33) US
 (43) 10.01.2019
 (72) SCHLESSINGER, Joseph; LEE, Sangwon
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Guelph; Bar Ilan University
 (11) AU-A-2018287018
 (21) 2018287018 (22) 20.06.2018
 (54) Cannabidiolic acid esters compositions and uses thereof

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

- (51) Int. Cl. **C07C 69/94** (2006.01) **A61K 31/05** (2006.01) **A61K 31/192** (2006.01) **A61K 31/337** (2006.01) **A61K 31/352** (2006.01) **A61K 31/495** (2006.01) **A61K 36/185** (2006.01) **A61K 45/00** (2006.01) **A61P 1/08** (2006.01) **C07C 69/16** (2006.01) **C07C 69/28** (2006.01) (87) WO2018/235079 (31) 62/522,243 (32) 20.06.17 (33) US (43) 27.12.2018 (72) MECHOULAM, Raphael; PARKER, Linda; PERTWEE, Roger; WELLER, Aron; TAM, Joseph; HAJ, Christeen; SMOUM, Reem (74) PIPERS
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- (71) YSI, Inc. (11) AU-A-2018298218 (21) 2018298218 (22) 09.07.2018 (54) Antifouling accessory for field deployed sensors and instruments (51) Int. Cl. **B08B 17/04** (2006.01) **C09D 5/16** (2006.01) **G01C 13/00** (2006.01) **G01N 33/18** (2006.01) (87) WO2019/010478 (31) 62/529,594 (32) 07.07.17 (33) US (43) 10.01.2019 (72) ROJO, Miguel Angel; SCHIRMER, Tiffany Lavon (74) Shelston IP Pty Ltd.
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- (71) Yuhan Corporation (11) AU-A-2018308038 (21) 2018308038 (22) 25.07.2018 (54) Improved process for preparing aminopyrimidine derivatives (51) Int. Cl. **C07D 413/14** (2006.01) **A61K 31/506** (2006.01) **A61K 31/5377** (2006.01) (87) WO2019/022485 (31) 10-2017-0096212 (32) 28.07.17 (33) KR (43) 31.01.2019 (72) OH, Sang-Ho; KHOO, Ja-Heouk; LIM, Jong-Chul; LEE, Seong-Ran; JU, Hyun; SHIN, Woo-Seob; PARK, Dae-Gyu; PARK, Su-Min; HWANG, Yoon-Ah (74) Shelston IP Pty Ltd.
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- (71) Yuhan Corporation (11) AU-A-2018308039 (21) 2018308039 (22) 25.07.2018 (54) Novel intermediates useful for the synthesis of aminopyrimidine derivatives, process for preparing the same, and process for preparing aminopyrimidine derivatives using the same (51) Int. Cl. **C07D 413/14** (2006.01) **A61K 31/506** (2006.01) **A61K 31/5377** (2006.01) (87) WO2019/022486
- (31) 10-2017-0096220 (32) 28.07.17 (33) KR (43) 31.01.2019 (72) OH, Sang-Ho; KHOO, Ja-Heouk; LIM, Jong-Chul; LEE, Doo-Byung; LEE, Jung-Ae; LEE, Jun-Sup; JU, Hyun; SHIN, Woo-Seob; JEON, Sang-Seol (74) Shelston IP Pty Ltd.
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- (71) Yuhan Corporation (11) AU-A-2018308164 (21) 2018308164 (22) 25.07.2018 (54) Intermediates useful for the synthesis of a selective inhibitor against protein kinase and processes for preparing the same (51) Int. Cl. **C07D 403/04** (2006.01) **A61K 31/506** (2006.01) **C07D 413/14** (2006.01) (87) WO2019/022487 (31) 10-2017-0096226 (32) 28.07.17 (33) KR (43) 31.01.2019 (72) OH, Sang-Ho; KHOO, Ja-Heouk; LIM, Jong-Chul; LEE, Doo-Byung; LEE, Jung-Ae; LEE, Jun-Sup; JU, Hyun; SHIN, Woo-Seob; JEON, Sang-Seol (74) Shelston IP Pty Ltd.
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- (71) Zealand Pharma A/S (11) AU-A-2018285580 (21) 2018285580 (22) 15.06.2018 (54) Dosage regimes for the administration of glucagon-like-peptide-2 (GLP-2) analogues (51) Int. Cl. **A61K 38/26** (2006.01) **A61P 1/00** (2006.01) (87) WO2018/229252 (31) 1709643.9 (32) 16.06.17 (33) GB 1714203.5 05.09.17 GB 1800873.0 19.01.18 GB (43) 20.12.2018 (72) SONNE, Kim; MOURITZEN, Ulrik; GLERUP, Peter; JEPPESEN, Palle Bekker (74) FB Rice Pty Ltd.
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- (71) Zinpro Corporation (11) AU-A-2018301766 (21) 2018301766 (22) 28.06.2018 (54) Method and composition to control rumen release of cobalt to rumen bacteria for making vitamin B12 (51) Int. Cl. **A23K 50/10** (2016.01) **A23K 20/20** (2016.01) (87) WO2019/013984 (31) 15/647,944 (32) 12.07.17 (33) US (43) 17.01.2019 (72) STARK, Peter A. (74) Davies Collison Cave Pty Ltd.
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- (71) Zoetis Services LLC (11) AU-A-2018310450 (21) 2018310450 (22) 27.07.2018
- (54) Apparatus for analyzing a media, and associated egg identification apparatus and method (51) Int. Cl. **G01N 21/25** (2006.01) **G01J 3/427** (2006.01) **G01N 21/31** (2006.01) **G01N 33/08** (2006.01) (87) WO2019/027814 (31) 62/539,684 (32) 01.08.17 (33) US (43) 07.02.2019 (72) BASCIANO, Amanda Elizabeth; WALUKAS, Joel James; WICKSTROM, Daniel (74) Shelston IP Pty Ltd.
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- (71) Zume, Inc. (11) AU-A-2018298047 (21) 2018298047 (22) 03.07.2018 (54) Container for transport and storage of food products (51) Int. Cl. **B65D 81/26** (2006.01) **A47J 47/14** (2006.01) **B65D 21/02** (2006.01) **B65D 25/04** (2006.01) **B65D 25/24** (2006.01) **B65D 43/02** (2006.01) **B65D 65/46** (2006.01) **B65D 85/36** (2006.01) (87) WO2019/010199 (31) 62/529,933 (32) 07.07.17 (33) US (43) 10.01.2019 (72) CHIANG, Casper W.; MINKLER, Douglas J.; COLLINS, Julia; GARDEN, Alexander John; WAJDA, Chester (74) Shelston IP Pty Ltd.

Numerical Index

2017417132	Belgian Mobile ID SA/NV	2018280931	Vazquez Ruiz Del Arbol, J.
2017418735	Winbo-Dongjian Automotive Technology Co., Ltd.	2018281022	MIDES DESIGN d.o.o.
2017418852	Sensimed SA	2018281107	X Development LLC
2017418909	Natural Resource Beneficiation Limited	2018281196	Gen-Probe Incorporated
2017419088	Winbo-Dongjian Automotive Technology Co., Ltd.	2018281237	LG Electronics Inc.
2017420427	Hanwha Corporation	2018281248	Lee, J.
2017420428	Hanwha Corporation	2018281276	SharkNinja Operating LLC
2017420737	Westinghouse Air Brake Technologies Corporation	2018281337	Relinia, Inc.
2017421181	Razer (Asia-Pacific) Pte. Ltd.	2018281438	Daicel Corporation; National University Corporation Kumamoto University
2017421182	USG Boral SDN. BHD. (Singapore Branch)	2018281812	Greenpath Industries, LLC
2017421655	Huawei Technologies Co., Ltd.	2018281813	General Electric Company
2017421657	Huawei Technologies Co., Ltd.	2018281936	Smart Surgical, Inc.
2017421792	Stemlab Inc.	2018281988	Reckitt Benckiser (Brands) Limited
2017421972	Wanbao Mining Ltd.	2018282060	Caterpillar Inc.
2017422536	Huawei Technologies Co., Ltd.	2018282131	CollPlant Ltd.
2017422655	W. L. Gore & Associates, Inc.	2018282185	X Development LLC
2017422813	Longi Magnet Co., Ltd.	2018282278	The University of North Carolina at Chapel Hill
2017423143	Qingdao Kingagroot Chemical Compound Co., Ltd.	2018282747	Trevena, Inc.
2017423265	Wenger, Projekte und Coaching	2018282873	TAE Technologies, Inc.
2017423440	Wenger, Projekte und Coaching	2018282907	InCube Labs, LLC
2017423569	Kephalios S.A.S.	2018283025	Mogas Industries, Inc.
2017424129	Deyi Pharmaceutical Ltd.	2018283029	Cardiac Pacemakers, Inc.
2017428335	Landmark Graphics Corporation	2018283041	Fate Therapeutics, Inc.
2017428353	Landmark Graphics Corporation	2018283184	Emulate, Inc.
2017430460	Landmark Graphics Corporation	2018283266	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017433191	Halliburton Energy Services, Inc.	2018283284	Cancer Advances Inc.
2017433607	Xinjiang Goldwind Science & Technology Co., Ltd.	2018283292	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017439376	Halliburton Energy Services, Inc.	2018283402	NantBio, Inc.
2018258163	Biomason, Inc.	2018283546	Haulotte Group
2018271738	LG Electronics Inc.	2018283686	ToolGen Incorporated
2018271740	LG Electronics Inc.	2018283801	EQRBS LIMITED
2018271782	Hexagon Technology AS	2018283833	FineCell Sweden AB
2018274767	Glytech LLC.	2018283882	Shah, R.
2018275123	Epizyme, Inc.	2018283965	Kutas, J.; Lang, B.
2018275265	Epic Sciences, Inc.	2018283972	CamelBak Products, LLC
2018275999	Infosci, LLC	2018284001	BEA SA
2018277144	Htl Group Limited	2018284227	Twist Bioscience Corporation
2018277256	Prometheus Biosciences, Inc.	2018284231	Schank, W.; Cardona, S.
2018277344	Henkel AG & Co. KGaA	2018284335	Glytech LLC.
2018277345	Henkel AG & Co. KGaA	2018284386	Cardiac Pacemakers, Inc.
2018277826	Darren Saravis	2018284983	Cargill, Incorporated
2018278051	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd	2018285022	Sloan Water Technology Limited
2018278332	Jazz Pharmaceuticals Ireland Limited	2018285214	Healy International AG
2018278758	Kinetron B.V.	2018285297	Huawei Technologies Co., Ltd.
2018279094	Respiratory Motion, Inc.	2018285312	Welltec Oilfield Solutions AG
2018279270	EMS Group S.r.l.	2018285525	PrimeVax Immuno-Oncology Inc.
2018279295	Linius (Aust) Pty Ltd	2018285577	UCB Biopharma SRL
2018279300	Stone Three Mining Solutions (Pty) Ltd	2018285580	Zealand Pharma A/S
2018279332	Thumbar, R.	2018285598	Avexxin AS
2018279704	iBiquity Digital Corporation	2018285755	Kemira OYJ
2018279712	Nickelston, A.	2018285855	Sage Products, LLC
2018279871	Neuronoff, Inc.	2018285868	Cardiac Pacemakers, Inc.
2018279950	President and Fellows of Harvard College	2018285923	TAE Technologies, Inc.
2018279953	SeaSucker, LLC	2018285981	McMaster University; University of Western Australia
2018280143	Notocard LLC C/o Neiman & Mairanz P.C.	2018286057	Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Fukang (Shanghai) Health Technology Co., Ltd.
2018280244	Respiratory Motion, Inc.	2018286127	Sharp Kabushiki Kaisha
2018280272	Inventprise, LLC	2018286221	Beijing Adamadle Biotechnology Limited Liability Company
2018280425	Emerson Electric (US) Holding Corporation (Chile) Limitada	2018286295	Huawei Technologies Co., Ltd.
2018280485	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd	2018286393	ToolGen Incorporated; College of Medicine Pochon Cha University Industry-Academic Cooperation Foundation
2018280534	Tianjin Zhongxin Pharmaceutical Group Corp., Ltd. Research Institute Branch Company	2018286434	Ries, S.
2018280741	ObsEva S.A.	2018286507	Reventech Inc.
2018280742	ObsEva S.A.		
2018280753	SURYS		
2018280764	Mapei S.p.A.; Holcim Technology Ltd		

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

2018286731	Suez Groupe	2018294353	Hyperloop Technologies, Inc.
2018286816	USound GmbH	2018294436	Patco, LLC
2018286837	Probi AB	2018294443	Shoolman, Y.; Steinberg, Y.; Gottlieb, Y.; Arga, O.
2018287018	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Guelph; Bar Ilan University	2018294517	CSL Behring Lengnau AG
2018287225	Mastercoldbrewer AG	2018294635	DiagDev
2018287229	SUEZ Groupe S.A.S.	2018294758	Eiken Kagaku Kabushiki Kaisha
2018287245	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.; Red Bull GmbH	2018294981	Huawei Technologies Co., Ltd.
2018287546	Crescenzo, B.	2018295108	TSC Manufacturing and Supply, LLC
2018287571	Hisense Ronshen (Guangdong) Refrigerator Co., Ltd	2018295115	Vutiliti, Inc.
2018288098	RYTLE GmbH	2018295149	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
2018288256	Laboratorios Salvat, S.A.	2018295515	Lubrizol Advanced Materials, Inc.
2018288463	Sorrento Therapeutics, Inc.	2018295521	3M Innovative Properties Company
2018288555	CarbonCure Technologies Inc.	2018295533	Neuroderm Ltd
2018288863	Board of Regents, The University of Texas System	2018295540	Intocell, Inc.
2018288868	Pacesetter, Inc.	2018295558	Breville Pty Limited
2018288873	Pacesetter, Inc.	2018295571	Reliance Worldwide Corporation (Aust.) Pty. Ltd.
2018289033	Baker Hughes, a GE Company, LLC	2018295867	SK Bioscience Co., Ltd.
2018289077	Inscripta, Inc.	2018295870	LG Electronics Inc.
2018289448	Archer Daniels Midland Company	2018295907	B.R.H. Medical Ltd.
2018289545	L'Isolante K-Flex S.p.A.	2018295928	Chengdu Qianniucuo Information Technology Co., Ltd.
2018289632	Huawei Technologies Co., Ltd.	2018295992	ToolGen Incorporated
2018289939	Takeda Pharmaceutical Company Limited	2018296067	Merus N.V.
2018289947	National University Corporation Nagoya University; Tohoku University; National Cerebral and Cardiovascular Center; Life Science Institute, Inc.	2018296142	Liebherr-Components Biberach GmbH
2018290246	Access Vascular, Inc	2018296341	China Petroleum & Chemical Corporation; Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation
2018290272	GSBio, LLC	2018296471	Chengdu Qianniucuo Information Technology Co., Ltd.
2018290281	Catalyst Biosciences, Inc.	2018296474	Chengdu Qianniucuo Information Technology Co., Ltd.
2018290327	PercuSense	2018296527	Deutsches Krebsforschungszentrum
2018290348	The Board of Trustees of the University of Illinois; Mensah-Nyagan, A.	2018296666	LaterPay AG
2018290360	Huawei Technologies Co., Ltd.	2018296794	Feghoul, N.
2018290516	Liu, S.	2018296799	Compagnie Generale des Etablissements Michelin
2018290633	Korea Advanced Institute of Science and Technology	2018296843	Outotec (Finland) Oy
2018290757	Milwaukee Electric Tool Corporation	2018296850	DIO Corporation
2018290798	Hollister Incorporated	2018297022	Isotop Corporation Sdn Bhd
2018290809	The Regents of the University of Colorado, a Body Corporate	2018297054	Hydraloop International B.V.
2018290859	GCP Applied Technologies Inc.	2018297058	Merus N.V.
2018290975	President and Fellows of Harvard College	2018297061	Merus N.V.
2018291035	Vascuddyne Inc; Murphy, R.; Schankereli, K.; Lauren, M.	2018297073	Saneca Pharmaceuticals A.S.
2018291046	United States Gypsum Company	2018297103	Boston Scientific Scimed, Inc.
2018291051	Children's National Medical Center	2018297119	BASF SE
2018291161	The University of North Carolina at Chapel Hill	2018297139	Linde Aktiengesellschaft
2018291349	Kuraray Noritake Dental Inc.	2018297171	Children's Medical Center Corporation
2018291400	NuVasive, Inc.	2018297187	Schumacher Electric Corp.
2018291472	Giskit B.V.	2018297217	Silk Road Medical, Inc.
2018291737	Feder, E.; Castro Ortiz, M.	2018297218	Emerson Electric Co.
2018291859	The Middleby Corporation	2018297258	The Regents of the University of California
2018291959	AFL Telecommunications LLC	2018297265	Thermacell Repellents, Inc.
2018292121	Baker Hughes, a GE company, LLC	2018297270	Dignity Health
2018292146	siOPTICA GmbH	2018297271	The United States of America, as represented by the Secretary, Department of Health and Human Services; Fundacio Institut Catala D'Investigacio Quimica; University of Delaware; University of Leeds; Universitat Rovira I Virgili
2018292271	FUJIFILM Irvine Scientific, Inc.	2018297272	Memorial Sloan Kettering Cancer Center
2018292285	Boehringer Ingelheim Animal Health USA Inc.	2018297285	Yale University
2018292381	Virtue Labs, LLC	2018297290	Anvil International, LLC
2018292439	Développement Pi Inc.	2018297309	Allena Pharmaceuticals, Inc.
2018292459	Marechal Electric	2018297336	AEye, Inc.
2018293145	Nexter Munitions	2018297348	EpicentRx, Inc.
2018293313	Axtone S.A.	2018297439	Huawei Technologies Co., Ltd.
2018293439	Sutura Therapeutics Ltd	2018297492	Chengdu Qianniucuo Information Technology Co., Ltd.
2018293468	Biolumic Limited	2018297608	JVK Filtration Systems GmbH
2018293722	RWE Renewables International GmbH	2018297614	Katholieke Universiteit Leuven
2018293753	Nuovo Pignone Tecnologie - S.r.l	2018297616	Tokheim UK Ltd
2018293913	Breville Pty Limited	2018297619	CommScope Connectivity Belgium BVBA
2018293972	Nihon Yamamura Glass Co., Ltd.	2018297634	B. Braun Medical Industries SDN., BHD.
2018294185	Wagner, P.	2018297680	Teleflex Life Sciences Unlimited Company
2018294318	Skyline Biosciences, Llc	2018297861	OriCiro Genomics, Inc.
2018294333	Kemira Oyj; Chevron U.S.A. Inc.	2018297947	Motorola Solutions, Inc.
2018294335	Kemira Oyj; Chevron U.S.A. Inc.	2018297987	Oakbio Inc.

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2018298006	Panavision International, L.P.	2018301298	Guardian Glass, LLC
2018298021	BASF SE	2018301301	DuraStat LLC
2018298022	BASF SE	2018301304	BGC Partners, L.P.
2018298025	BASF SE	2018301320	Hera Health Solutions Inc.
2018298047	Zume, Inc.	2018301335	Celgene Corporation
2018298069	Marsupial Holdings, Inc.	2018301401	Hollister Incorporated
2018298083	Huddly Inc.	2018301412	Alexion Pharmaceuticals, Inc.
2018298108	Beijing DiDi Infinity Technology and Development Co., Ltd.	2018301423	Arizona Board of Regents on behalf of Arizona State University
2018298150	Signpath Pharma, Inc.	2018301442	Massachusetts Institute of Technology
2018298218	YSI, Inc.	2018301448	Termir, Inc.
2018298224	Symic IP, LLC	2018301461	Cappasity Inc.
2018298232	Baxalta Incorporated; Baxalta GmbH	2018301495	World Emergency Network - Nevada, Ltd.
2018298233	Baxalta Incorporated; Baxalta GmbH	2018301500	University of Massachusetts; University of Bath
2018298273	Steiner AG Weggis	2018301534	Genecast Co., Ltd.
2018298396	Muntermann, A.	2018301641	Theragun, Inc
2018298657	Inventio AG	2018301651	SRI International
2018298674	Sika Technology AG	2018301662	Stora Enso Oyj
2018298878	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2018301671	Flow Control LLC.
2018298955	New Motion Labs Ltd.	2018301674	Trait Biosciences, Inc.
2018298970	Raft Enterprises Ltd.	2018301715	Xeris Pharmaceuticals, Inc.
2018299015	Rancilio Group S.p.A.	2018301718	Cabeau, Inc.
2018299043	Grip Holdings LLC	2018301766	Zinpro Corporation
2018299050	Social Media Emotions S.r.l.	2018301792	NFusion Technologies
2018299068	Rambam Med-Tech Ltd.	2018301804	Brown, K.; Collins, N.; Li, S.; Allred, C.; Chung, K.; McGuire, M.
2018299214	NewSouth Innovations Pty Limited	2018301808	Axletech International IP Holdings, LLC
2018299217	Seifert, B.	2018301828	Biomedican, Inc.
2018299416	Mumble By Design Pty Ltd	2018301911	CHEP Technology Pty Limited
2018299536	North & South Brother Pharmacy Investment Company Limited.	2018302007	Colgate-Palmolive Company
2018299745	DePuy Ireland Unlimited Company	2018302170	Ignita, Inc.
2018299752	TDF	2018302183	Colgate-Palmolive Company
2018299816	PACCAR Inc	2018302199	Linde Aktiengesellschaft
2018299826	Amadeus SAS	2018302248	Hoffman Technologies, Inc.
2018299865	uniQure IP B.V.	2018302257	Smiths Medical ASD, Inc.
2018299882	Colgate-Palmolive Company	2018302260	Hyperloop Technologies, Inc.
2018299925	ABB Schweiz AG	2018302289	Steiner AG Weggis
2018299928	Karl Leibinger Medizintechnik GmbH & Co. KG	2018302332	Novelis Inc.
2018299930	Karl Leibinger Medizintechnik GmbH & Co. KG	2018302334	Novelis Inc.
2018299967	Thomas Jefferson University	2018302336	Novelis Inc.
2018299993	The Board of Trustees of the Leland Stanford Junior University	2018302445	Mincon International Limited
2018300009	The General Hospital Corporation	2018302999	BeiGene, Ltd.
2018300033	Karl Leibinger Medizintechnik GmbH & Co. KG	2018303080	Sichuan Haisco Pharmaceutical Co., Ltd.
2018300062	ContraFect Corporation	2018303130	Perlen Packaging AG, Perlen
2018300075	Gel Cap Technologies, LLC	2018303150	Planet GDZ AG
2018300091	Dart NeuroScience, LLC	2018303151	Planet GDZ AG
2018300150	Vertex Pharmaceuticals Incorporated	2018303230	uniQure IP B.V.
2018300185	Johnson & Johnson Consumer Inc.	2018303242	Albemarle Europe SRL
2018300189	Pfizer, Inc.	2018303280	Université de Bordeaux; Centre National de la Recherche Scientifique; Centre Hospitalier Universitaire de Bordeaux; Inserm - Institut National de la Santé et de la Recherche Médicale; Université d'Angers; Centre Hospitalier Universitaire d'Angers
2018300280	Uber Technologies, Inc.	2018303333	Monash University
2018300302	BASF SE	2018303413	Nagaki Seiki Co., Ltd.
2018300342	3M Innovative Properties Company	2018303546	Hologic, Inc.
2018300358	4D Pharma León, S.L.U.	2018303693	Albemarle Europe SRL
2018300446	Cipla Limited	2018304083	Helena Laboratories Corporation
2018300447	Cipla Limited	2018304105	Welch Allyn, Inc.
2018300582	Siemens Mobility GmbH	2018304123	Trade Secret Chocolate; Rubin, M.; Ambrecht, A.; Halstead, J.; Weibley, M.
2018300673	Memjet Technology Limited	2018304125	Colgate-Palmolive Company
2018300985	Mayo Foundation for Medical Education and Research	2018304170	Mayo Foundation for Medical Education and Research
2018300986	ITT Manufacturing Enterprises LLC	2018304173	Janssen Biotech, Inc.
2018300989	ITT Manufacturing Enterprises LLC	2018304179	CNH Industrial America LLC
2018301126	Samsung Electronics Co., Ltd.	2018304232	Valmont Industries, Inc.
2018301156	Koninklijke Douwe Egberts B.V.	2018304291	Durastat LLC
2018301174	Koninklijke Douwe Egberts B.V.	2018304316	Endotronics, Inc.
2018301176	Mowi ASA	2018304331	Beijing DiDi Infinity Technology and Development Co., Ltd.
2018301214	Chrysea Limited	2018304373	Janssen Sciences Ireland Unlimited Company; Gilead Sciences, Inc.
2018301222	The General Hospital Corporation		
2018301228	Cabeau, Inc.		
2018301254	Motorola Solutions, Inc.		
2018301278	Theragun, LLC		
2018301292	Guardian Glass, LLC		

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

2018304380	Buck Institute for Research on Aging; The Regents of the University of California; The J. David Gladstone Institutes, A Testamentary Trust Established Under The Will of J. David Gladstone	2018311700	Wing Aviation LLC
2018304415	Schreder S.A.	2018311702	Wing Aviation LLC
2018304502	Janssen Vaccines & Prevention B.V.	2018312248	Differential Engineering Inc.
2018304504	Bayer Aktiengesellschaft	2018312508	Technische Universität Dresden
2018304530	Institut Gustave Roussy; Centre National de la Recherche Scientifique; Université Paris-Sud	2018312564	Amgen Inc.
2018304851	Dutch Renewable Energy B.V.	2018313272	Hologic, Inc.
2018304863	Fresenius Medical Care Deutschland GmbH	2018313404	NBC Meshtec Inc.
2018304881	MedinCell; Roberge, C.; Rech, A.; Cros, J.	2018313692	Deputy Synthes Products, Inc
2018304889	Flaem Nuova S.p.A.	2018313812	Vision Composite Products, LLC
2018304943	British American Tobacco (Investments) Limited	2018313905	D.T. Davis Enterprises, Ltd. (d/b/a Hovertech International)
2018305160	PK Med SAS	2018314159	Northwestern University
2018305161	PK Med SAS	2018314212	Fresenius Medical Care Holdings, Inc.
2018305208	Rhodia Operations	2018314320	Uvex Arbeitsschutz GmbH
2018305613	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2018314413	Hilti Aktiengesellschaft
2018305633	Jiangsu Hengrui Medicine Co., Ltd.	2018314765	F. Hoffmann-La Roche AG; NanoString Technologies, Inc.
2018305644	LTS Lohmann Therapie-Systeme AG	2018315192	Suzhou Canistar New-Materials Technology Corporation
2018305727	Agriculture Victoria Services Pty Ltd	2018315414	Syngenta Participations AG
2018305898	DSM IP Assets B.V.	2018315429	Axtone S.A.
2018306054	Nippon Soda Co., Ltd.	2018315740	Kverneland Group Ravenna S.r.l.
2018306118	Bticino S.p.A.	2018315806	Sumitomo Electric Industries, Ltd.
2018306367	Saint-Gobain Glass France	2018315807	Sumitomo Electric Industries, Ltd.
2018306418	AMS Advanced Medical Supplements B.V.	2018315882	Nippon Steel Corporation
2018306528	Uber Technologies, Inc.	2018316148	Qualcomm Incorporated
2018306614	Janssen Vaccines & Prevention B.V.; Massachusetts Institute of Technology	2018316248	Nangenex Nanotechnology Incorporated
2018306901	Strato, Inc.	2018317230	Newbio Therapeutics, Inc.
2018306941	Motorola Solutions, Inc.	2018317919	Landmark Graphics Corporation
2018307078	Obalon Therapeutics, Inc.	2018318017	Amgen Inc.
2018307081	Northrop Grumman Systems Corporation	2018318403	TecPharma Licensing AG
2018307196	Carlisle Brake & Friction, Inc.	2018319222	Sentek Pty Ltd
2018307322	Northrop Grumman Systems Corporation	2018320579	Schaeffler Technologies AG & Co. KG
2018307601	Bticino S.p.A.	2018321328	Verb Surgical Inc.
2018307742	Quantum-Si Incorporated	2018321586	Absolute Software Corporation
2018307770	Quantum-Si Incorporated	2018322478	The Board of Trustees of The Leland Stanford Junior University
2018307886	Cipla Limited	2018322656	Maersk Drilling A/S
2018307888	Toray Industries, Inc.	2018325442	Dana-Farber Cancer Institute, Inc.; Hatcher, J.
2018307897	Kyorin Pharmaceutical Co., Ltd.	2018326037	Celltrion Inc.
2018308038	Yuhan Corporation	2018326627	Ionian Technologies Inc.
2018308039	Yuhan Corporation	2018326862	Sony Corporation
2018308098	Quantum-Si Incorporated	2018327272	Ossio Ltd.
2018308164	Yuhan Corporation	2018333021	Societe des Produits Nestle S.A.
2018308486	Guo, Q.	2018333065	Wave Life Sciences Ltd.
2018308487	Guo, Q.	2018335395	Fresenius Medical Care Holdings, Inc.
2018308563	BASF SE	2018335396	Fresenius Medical Care Holdings, Inc.
2018309165	Boston Scientific Scimed, Inc.	2018337571	CEVEC Pharmaceuticals GmbH
2018309300	Haultotte Group	2018337731	C.R. Bard, Inc.
2018309356	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.	2018343817	Chowa Kogyo Co., Ltd.; Nippon Steel Corporation
2018309372	Oryzon Genomics, S.A.	2018344388	Societe des Produits Nestle S.A.
2018309559	Effusiontech Pty Ltd	2018345332	Boston Scientific Scimed, Inc.
2018309575	Microsoft Technology Licensing, LLC	2018345760	McGinley Engineered Solutions, LLC
2018309604	Valmont Industries, Inc.	2018346851	Boston Scientific Scimed, Inc.
2018309612	Valmont Industries, Inc.	2018347851	Boston Scientific Scimed, Inc.
2018309622	MED-EL Elektromedizinische Geraete GmbH	2018351278	Memjet Technology Limited
2018309714	Regeneron Pharmaceuticals, Inc.	2018352088	Palintest Limited
2018310072	CJ Cheiljedang Corporation	2018372626	CRRC Meishan Co., Ltd.
2018310450	Zoetis Services LLC	2018375016	Arete Associates
2018310720	Saint-Gobain Isover	2018384989	Komatsu Ltd.
2018310721	Voltalis	2018403542	Lumus Ltd.
2018310870	Balasingham, M.	2018409778	Wacker Chemie AG
2018311019	Bayer Animal Health GmbH	2018415763	Beijing DiDi Infinity Technology and Development Co., Ltd.
2018311027	Shell Internationale Research Maatschappij B.V.	2018417306	Nanjing Institute of Technology
2018311096	NantKwest, Inc.	2018431021	Gates Corporation
2018311120	Bitdefender IPR Management Ltd	2018431390	China University of Mining and Technology
2018311202	F. Hoffmann-La Roche AG	2019205297	Urschel Laboratories, Inc.
2018311699	Wing Aviation LLC	2019205611	Lumus Ltd.
		2019207254	Huawei Technologies Co., Ltd.
		2019220254	Samsung Electronics Co., Ltd.

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- 2019222965** Shandong Normal University; Jinan Biosensor Instrument Co., Ltd.; South China Institute of Environmental Sciences.MEP
2019227382 Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019239363 Nanjing Nenzhi Electronics Technology Co., Ltd.
2019246837 Alector LLC
2019272065 Illumina, Inc.
2019278733 Samsung Electronics Co., Ltd.
2019281754 Maschinenfabrik Köppern GmbH & Co. KG
2019287520 Novelis Inc.
2019290909 Fronius International GmbH

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2018301792	2018308563	2018304943	2018298047	2018296850	2018300075
<u>A01D 34 /-</u>	<u>A01P 3 /-</u>	<u>A24D 3 /-</u>	<u>A61B 1 /-</u>	<u>A61C 19 /-</u>	<u>A61K 31 /-</u>
2018304179	2018300302	2018304943	2018291051	2018296850	2017424129
	2018306054		2018299993		2018274767
<u>A01D 41 /-</u>	<u>A01P 7 /-</u>	<u>A24F 47 /-</u>	2018309165		2018275123
2018304179	2018292285	2018304943	<u>A61B 17 /-</u>	<u>A61C 5 /-</u>	2018278332
	2018313404		2017422655	2018300033	2018280534
<u>A01D 75 /-</u>	<u>A21B 1 /-</u>	<u>A41D 1 /-</u>	2018291051		2018280741
2018304179	2018293913	2018283882	2018291400	<u>A61C 8 /-</u>	2018280742
<u>A01F 15 /-</u>	<u>A21B 3 /-</u>	<u>A41F 19 /-</u>	2018299745	2018296850	2018284335
2018315740	2018296794	2018300033	2018299967	2018299928	2018284983
		2018301301	2018300033	2018299930	2018285598
<u>A01G 25 /-</u>	2018295558	<u>A42B 3 /-</u>	2018304170		2018286057
		2018304291	2018304170	<u>A61C 9 /-</u>	2018286221
<u>A01G 7 /-</u>	<u>A23C 11 /-</u>	2018321328	2018304291		2018287018
2018301792	2018314320	2018327272	2018296850		2018288256
2018304232	2018333021	2018345332			2018289939
2018309604	2018344388	<u>A46B 5 /-</u>	2018346851	<u>A61F 15 /-</u>	2018290348
2018319222		2018347851	2018347851	2018305644	2018291161
<u>A01G 7 /-</u>	<u>A23D 7 /-</u>	2018286434	<u>A61B 18 /-</u>	<u>A61F 2 /-</u>	2018294318
2018333021	<u>A46B 7 /-</u>	2018279871	2017423569		2018297171
2018293468		2018286434	2018295907		2018297270
<u>A01H 17 /-</u>		<u>A47B 13 /-</u>	2018297103	2018291400	2018297271
2018287225		2018304851	2018304851	2018299928	2018297348
2018305727	<u>A23G 1 /-</u>	2018297022	<u>A61B 3 /-</u>	2018304851	2018297614
			2018304851	2018299930	2018298150
<u>A01H 3 /-</u>	2018304123	<u>A47B 96 /-</u>	2017418852		2018298224
2018305727		2018302007	2018302007	2018301278	2018299536
<u>A01K 61 /-</u>	<u>A23K 10 /-</u>	2018299416	2018304105	2018337731	2018300062
2018301176	2018284983	<u>A47C 21 /-</u>	<u>A61B 34 /-</u>	<u>A61F 5 /-</u>	2018300091
		2018301228	2018301228		201830150
<u>A01K 67 /-</u>	<u>A23K 20 /-</u>	2017423569	2018301278		2018301222
2018309714	2018290633	2018307078	2018304105	2018337731	2018301442
	2018301766	2018321328	2018304105		2018301448
<u>A01M 1 /-</u>	<u>A23K 50 /-</u>	<u>A61B 5 /-</u>	2018285855	<u>A61G 13 /-</u>	2018301500
2018297265	2018301766	2018279094	2018304105	2018302170	2018301442
	2018305898	2018283972	2018280244		2018302248
<u>A01N 25 /-</u>	<u>A23L 2 /-</u>	<u>A47G 29 /-</u>	2018282907	<u>A61G 7 /-</u>	2018302999
2018292285		2018290327	2018282907		2018304373
2018313404	2018344388	2018283965	2018280244		2018304380
<u>A01N 43 /-</u>	<u>A23L 27 /-</u>	<u>A47G 9 /-</u>	2018300447		2018304530
2017423143	2018305208	2018302007	2018300447		2018304881
2018292285		2018304316	2018302007		2018305633
2018306054	<u>A23L 33 /-</u>	<u>A47H 1 /-</u>	2018307886	<u>A61H 15 /-</u>	2018305898
		2018307078	2018307886		2018306418
<u>A01N 47 /-</u>	2018290633	2018313692	2018307886		2018307888
2018306054		2018345760	2018313692		2018307897
		2019222965	2018345760		2018308038
<u>A01N 57 /-</u>	<u>A23L 9 /-</u>	<u>A47J 31 /-</u>	2018300447		2018308039
2018333021	2018281276	<u>A61B 6 /-</u>	2018302007		2018308164
2018344388	2018298273	2018313272	2018304316		2018309356
2018308563	2018301156	<u>A61B 90 /-</u>	2018307078	<u>A61H 23 /-</u>	2018311019
	2018301174	2018321328	2018307078		2019246837
	2018302289		2018302289	<u>A61H 13 /-</u>	2018297348
	2018287546			<u>A61J 1 /-</u>	2018306418

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<u>A61K 35 /-</u>	2018288256	<u>A61L 29 /-</u>	<u>A61N 2 /-</u>	<u>A61P 29 /-</u>	<u>A61P 9 /-</u>
2018283041	2018288463	2018290246	2018285214	2018278051	2018298150
2018285525	2018293439	<u>A61L 31 /-</u>	2018298396	2018281337	2018303280
2018286837	2018295540	2018327272	<u>A61N 5 /-</u>	2018299536	2018303333
2018288863	2018297348	<u>A61L 33 /-</u>	2018285214	2018300150	
2018289947	2018298150	2018302999	2018300189		<u>A61Q 1 /-</u>
2018311096	2018301804		2018317230		
<u>A61K 36 /-</u>	2018304504				2018292381
	2018304530	2018290246		<u>A61P 3 /-</u>	<u>A61Q 11 /-</u>
2018287018	2018304881	<u>A61M 1 /-</u>			
2018300985	2018307897	2018295907	2018286837	2018297285	2018302183
<u>A61K 38 /-</u>	2018326037	2018304863	<u>A61P 1 /-</u>	2018299536	2018304125
	<u>A61K 48 /-</u>	2018314212	2018301715	2018306418	<u>A61Q 17 /-</u>
2018281337	2018335395	2018285580			2018300185
2018285580	2018283686	2018285598	<u>A61P 31 /-</u>		2018304125
2018290281	2018286393	<u>A61M 11 /-</u>	2018286837		
2018294517	2018293439	2018301423	2018287018	2018294318	<u>A61Q 19 /-</u>
2018295515	2018307897	2018304851	2018289939	2018301500	
2018298224		2018304889	2018299536	2018302183	2018292381
2018298232	<u>A61K 49 /-</u>	2018302183	2018304125	2018304125	2018295515
2018298233					
2018300062	2018291472	<u>A61M 15 /-</u>		<u>A61P 33 /-</u>	
2018301335		<u>A61P 11 /-</u>		<u>A61Q 3 /-</u>	
2018301715	<u>A61K 51 /-</u>	2018300446			
2018303080		2018300447	2017424129	2018311019	2018292381
2018303280	2018297272	2018301423	2018303333	<u>A61P 35 /-</u>	<u>A61Q 5 /-</u>
2018303333	<u>A61K 6 /-</u>	2018303130	2018307897		
2018304881		<u>A61M 16 /-</u>		2018278051	2018292381
<u>A61K 39 /-</u>	2018291349	<u>A61P 13 /-</u>		2018280485	
				2018280534	<u>A61Q 7 /-</u>
2018278051	<u>A61K 8 /-</u>	2018297680	2017423143	2018283402	
2018279950		2018304889	2018285598	2018285525	2018307888
2018280272	2018292381	<u>A61M 25 /-</u>	2018316248	2018286057	
2018280485	2018295515			2018286221	<u>A61Q 9 /-</u>
2018283284	2018300185	2018290246	<u>A61P 15 /-</u>	2018294318	
2018283402	2018302183	2018297217	2018280741	2018295540	2018292381
2018285525	2018304125	2018297634	2018280742	2018297271	
2018285577	2018307888	2018301401	2018305633	2018297348	<u>A62B 35 /-</u>
2018290633	<u>A61K 9 /-</u>	<u>A61M 27 /-</u>	<u>A61P 17 /-</u>	2018299536	2018300342
2018295867				2018301335	2018309300
2018296067	2018278332	2018346851	2018286837	2018302170	
2018297058	2018288256		2018295515	2018302999	<u>A62C 31 /-</u>
2018297285	2018294318	<u>A61M 3 /-</u>	2018303333	2018305633	2018297290
2018298150	2018297348		2018307888	2018309356	
2018300189				2018311096	
2018301412	2018300062	2018290798		2018317230	<u>A62C 35 /-</u>
2018301442	2018300075			2018325442	2018297290
2018301500	2018301320	<u>A61M 39 /-</u>			
2018304173	2018302170	2018314212	2018299536	<u>A61P 37 /-</u>	<u>A62C 37 /-</u>
2018304502	2018302248		2018301500		
2018305613	2018304373	<u>A61M 5 /-</u>	2018305613	2018278051	2018297290
2018306614	2018304530			2018281337	
2018314765	2018304881		<u>A61P 21 /-</u>	2018299536	<u>B01D 1 /-</u>
2018326037	2018305160	2018295533		2018300189	
2018337571	2018305161	2018301715	2018293439	2018317230	2018299217
	2018305613	2018302257			
	2018316248	2018311202	<u>A61P 25 /-</u>		
<u>A61K 45 /-</u>	2018326037	2018314212		<u>A61P 43 /-</u>	<u>B01D 11 /-</u>
		2018318403	2018274767		
2018287018	<u>A61L 27 /-</u>		2018278332	2018302248	2018312248
2018297285		<u>A61N 1 /-</u>	2018281337	2018307897	
2018302248	2018282131		2018284335		<u>B01D 15 /-</u>
2018306418	2018282728	2018283029	2018289947	<u>A61P 5 /-</u>	
2018311096	2018291035	2018284386	2018290348		2018289448
2018317230	2018298970	2018285214	2018300091	2018286837	<u>B01D 24 /-</u>
<u>A61K 47 /-</u>	2018299930	2018285868	2018301442	<u>A61P 7 /-</u>	
	2018327272	2018288668	2018302248		2018287229
2018280485		2018288873	2018303080	2018298232	
2018282728		2018300009	2018309372	2018298233	
		2018309622			

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<u>B01D 5 /-</u>	<u>B01L 3 /-</u>	<u>B25B 23 /-</u>	<u>B33Y 70 /-</u>	<u>B60S 1 /-</u>	2018301808
2018299217	2018283184 2018303546	2018277144 2018299043	2018282131	2018296799	<u>B62K 5 /-</u>
<u>B01D 61 /-</u>	<u>B01L 7 /-</u>	<u>B25B 5 /-</u>	<u>B41J 15 /-</u>	<u>B60T 13 /-</u>	2018288098
2018303546 2018304504	2018303546	2018299416	2018351278	2017420737 2018307196	<u>B63B 15 /-</u>
<u>B01D 63 /-</u>	<u>B02C 21 /-</u>	<u>B25C 1 /-</u>	<u>B41J 19 /-</u>	<u>B60T 17 /-</u>	2018281022
2018304504	2017422813	2018314413	2018351278	<u>B61B 13 /-</u>	<u>B64C 39 /-</u>
<u>B01F 1 /-</u>	<u>B02C 4 /-</u>	<u>B25G 1 /-</u>	<u>B41J 2 /-</u>	2017420737	2018311702
2018292271	2019281754	2018303413	2018300673 2018351278	<u>B61D 15 /-</u>	<u>B65B 21 /-</u>
<u>B01F 15 /-</u>	<u>B03B 9 /-</u>	<u>B25G 3 /-</u>	<u>B41J 25 /-</u>	2018302260	2018279270
2018301671	2018280764	2018303413	2018351278	<u>B61D 15 /-</u>	<u>B65B 9 /-</u>
<u>B01F 3 /-</u>	<u>B03D 1 /-</u>	<u>B26D 1 /-</u>	<u>B41J 29 /-</u>	2018315429	2018305644
2018288555 2018301671	2017421972 2018279300	2019205297	2018351278	<u>B61D 3 /-</u>	<u>B65D 1 /-</u>
<u>B01F 5 /-</u>	<u>B04C 5 /-</u>	<u>B26D 7 /-</u>	<u>B42D 15 /-</u>	2018315429	2018283972
2018297139	2018296843	<u>B28B 11 /-</u>	2018280143	<u>B61D 43 /-</u>	2018290798
<u>B01J 12 /-</u>	<u>B05B 1 /-</u>	2018291046	<u>B42D 25 /-</u>	2018320579	<u>B65D 19 /-</u>
2018281812	2018285022	<u>B28B 7 /-</u>	2018280753	<u>B61F 15 /-</u>	2018295149
<u>B01J 19 /-</u>	<u>B05D 7 /-</u>	2018290859	<u>B60B 25 /-</u>	2018320579	<u>B65D 21 /-</u>
2017418909 2018281812 2018284227	2018291046	<u>B29C 45 /-</u>	2018313812	<u>B61F 5 /-</u>	2018290798 2018295149 2018298047
<u>B01J 21 /-</u>	<u>B07B 15 /-</u>	2018314212	<u>B60B 35 /-</u>	2018372626	<u>B65D 23 /-</u>
2017422813	<u>B29C 53 /-</u>	2018301808	<u>B61G 5 /-</u>	2018293313	2018283972
2018303242 2018303693	<u>B08B 17 /-</u>	2018301320	<u>B60C 29 /-</u>	2018315429	<u>B65D 25 /-</u>
<u>B01J 23 /-</u>	2018298218	<u>B29C 64 /-</u>	<u>B60G 17 /-</u>	2018306901	2018295149 2018298047
2018301662 2018303242 2018303693	<u>B21B 1 /-</u>	2018309559	2018294353	<u>B61H 13 /-</u>	<u>B65D 39 /-</u>
2018302332 2018302334	<u>B29C 65 /-</u>	<u>B60K 1 /-</u>	2018306901	2018283972	
<u>B01J 27 /-</u>	2018302336	2018305644	2018310870	<u>B61H 15 /-</u>	<u>B65D 43 /-</u>
2018303242 2018303693 2018322478	<u>B21B 27 /-</u>	<u>B29C 67 /-</u>	<u>B60L 13 /-</u>	2018306901	2018298047
2019287520	2018305644	2018302260	<u>B61H 5 /-</u>	2018306901	<u>B65D 55 /-</u>
<u>B01J 3 /-</u>	<u>B21B 37 /-</u>	<u>B29C 70 /-</u>	<u>B60Q 1 /-</u>	2018306901	2018283972
2018281438	2018302334 2018302336	2018327272	2017418735 2018299816	<u>B61L 25 /-</u>	<u>B65D 59 /-</u>
<u>B01J 37 /-</u>	<u>B23B 29 /-</u>	2018301292	<u>B60Q 9 /-</u>	2018300582	2018279712
2018302334 2018302336	2018301641	<u>B32B 17 /-</u>	2017419088	<u>B61L 3 /-</u>	<u>B65D 65 /-</u>
<u>B01J 43 /-</u>	<u>B23K 26 /-</u>	2018306367	<u>B60R 11 /-</u>	2018300582	2018298047
2018289448	2018301292	<u>B32B 37 /-</u>	2018279953	<u>B62B 5 /-</u>	<u>B65D 75 /-</u>
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2018298047	2018322478			2018298022	2018299214
<u>C02F 103 /-</u>	2018281438		2018291161	2018298025	
<u>B65D 85 /-</u>	2018297054	<u>C07C 237 /-</u>	2018311019	2018314159	<u>C08J 9 /-</u>
2018281276				<u>C07D 403 /-</u>	2018289545
2018298047	<u>C02F 3 /-</u>	2018300150		2018295540	<u>C08K 3 /-</u>
2018301156			2018286221		
2018301174	2018297054	<u>C07C 305 /-</u>	2018297272	<u>C07H 21 /-</u>	2018298674
<u>B65G 43 /-</u>	<u>C03B 40 /-</u>	2018295540	2018308164	2018333065	<u>C08K 5 /-</u>
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<u>C03B 17 /-</u>	2018333065			2018281337	2018298021
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<u>C03C 17 /-</u>	2018305208			2018290633	<u>C08L 1 /-</u>
<u>B65H 20 /-</u>	2018301298	<u>C07C 47 /-</u>		2018296527	
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<u>C03C 23 /-</u>	2018305208		2018299536	2018301222	<u>C08L 67 /-</u>
<u>B66B 1 /-</u>	2018301298	<u>C07C 51 /-</u>	2018306054	2018301442	
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<u>B66C 13 /-</u>	2018305208		2018308164	<u>C07K 16 /-</u>	<u>C08L 7 /-</u>
2018296142	2018310720	<u>C07C 59 /-</u>		2018278051	2018296799
<u>B66F 11 /-</u>	2018289448			2018279950	
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2018309300	<u>C04B 111 /-</u>		2018309356	2018285577	2018298674
<u>B66F 17 /-</u>	2018292121		2018311019	2018290272	2018304881
2018283546		<u>C07C 69 /-</u>		2018290633	
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<u>C04B 18 /-</u>	2018280534			2018295540	<u>C08L 83 /-</u>
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2018309300	2018304380		2018306054	2018296527	2018294333
	2018258163	<u>C07D 207 /-</u>	2018325442	2018297058	<u>C08L 9 /-</u>
<u>B67D 1 /-</u>				2018297061	
<u>C04B 22 /-</u>	2018317230			2018297285	2018296799
2018301671	2018288555	<u>C07D 213 /-</u>		2018300189	
<u>B67D 7 /-</u>	2018292121		2018302999	2018301222	<u>C09D 5 /-</u>
2018297616			2018305633	2018301412	
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<u>C01B 13 /-</u>	<u>C07D 231 /-</u>		2018325442	2018314765	
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<u>C04B 28 /-</u>	2017423143			2019246837	
<u>C07D 239 /-</u>					
<u>C01B 17 /-</u>	2018290859	<u>C07D 491 /-</u>		2018303080	<u>C09J 193 /-</u>
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<u>C01B 3 /-</u>			2018300091		
2018284231	2018290859	<u>C07D 241 /-</u>	2018306054	2018301651	<u>C09K 3 /-</u>
<u>C04B 41 /-</u>	2018301335		2018309356	2018301804	
<u>C01B 32 /-</u>		<u>C07D 493 /-</u>		2018303333	2018258163
2018281438	2018291046	<u>C07D 271 /-</u>		2018317230	<u>C09K 8 /-</u>
<u>C05D 7 /-</u>	2018306054		2018297271		
<u>C01B 33 /-</u>		<u>C07D 498 /-</u>		<u>C08B 3 /-</u>	
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2018409778	<u>C05F 11 /-</u>	<u>C07D 273 /-</u>			2018311027
<u>C02F 1 /-</u>	2018301792				
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2018297054	2018304125				2018303693
	2018305208		2018297119		

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<u>C10M 111 /-</u>	2018289077			2018292121	<u>F03D 17 /-</u>
2018311027	2018294517	<u>D01F 8 /-</u>	<u>E02F 3 /-</u>	<u>E21B 36 /-</u>	2018293722
	2018295992	2018296341	2018384989		
<u>C12M 1 /-</u>	2018297309	2018313404		2018286507	<u>F03D 3 /-</u>
2018301214	2018301442		<u>E02F 9 /-</u>	<u>E21B 4 /-</u>	2018279332
2018286731	2018301534	<u>D04B 21 /-</u>	2018282060		
2018292271	2018310072	2018313404		2018302445	
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2018318017	<u>C12P 17 /-</u>	<u>D04H 1 /-</u>	<u>E03B 1 /-</u>	<u>E21B 41 /-</u>	<u>F03D 7 /-</u>
	2018301674	2018310720	2018297054		2018293722
2018286731	2018301828		<u>E03C 1 /-</u>	2017428335	<u>F03H 1 /-</u>
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2018258163	<u>C12P 3 /-</u>	2018297054	<u>E21B 43 /-</u>		2018295108
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2018297987			<u>E03D 9 /-</u>	2018286507	<u>F04B 25 /-</u>
<u>C12N 11 /-</u>	<u>C12P 5 /-</u>	<u>D06F 35 /-</u>	2018281988	2018312248	
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			2017428335		<u>F04B 27 /-</u>
<u>C12N 13 /-</u>	<u>C12P 7 /-</u>	<u>D06F 39 /-</u>	2017421182	2017428353	2018295108
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<u>C12N 15 /-</u>		<u>D06F 58 /-</u>	<u>E04B 2 /-</u>	2017430460	2018281248
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2018283686	2018281196	<u>D06F 69 /-</u>			
2018284227	2018290327		<u>E04H 1 /-</u>	<u>E21B 49 /-</u>	2018290516
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2018297861	2018308098		<u>E02B 21 /-</u>	2017428335	2018304415
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2018301442	2018326627	<u>D21H 21 /-</u>	<u>E05F 15 /-</u>	<u>E21C 41 /-</u>	<u>F16D 55 /-</u>
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2018304415	2017420427	2018307742 2018307770		2017421181	

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<u>G10L 21 /-</u>	<u>H02G 3 /-</u>	<u>H02S 20 /-</u>	2018298108 2018299826	2018316148
2018298878	2018306118	2018315806 2018315807	2018311120	<u>H04W 28 /-</u>
<u>G11B 20 /-</u>	2018307601	<u>H02S 40 /-</u>	<u>H04L 5 /-</u>	2018326862
2018298083	<u>H02H 7 /-</u>	2018315806 2018315807	2018283292 2018286295 2019220254	<u>H04W 4 /-</u> 2018281107
<u>G11C 11 /-</u>	2018300986	<u>H02J 13 /-</u>	<u>H03K 17 /-</u>	<u>H04W 60 /-</u>
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<u>H01G 11 /-</u>	2018310721	2019290909	<u>H04L 9 /-</u>	2018316148
2018299214	<u>H02J 3 /-</u>	<u>H03K 19 /-</u>	2018298108	<u>H04W 72 /-</u>
<u>H01G 4 /-</u>	2018310721 2018322656	2018307081 2018307322	<u>H04M 11 /-</u>	2018283266 2018283292
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<u>H01H 3 /-</u>	<u>H02J 50 /-</u>	<u>H03K 3 /-</u>	<u>H04N 13 /-</u>	2019227382
2017421181	2018297187	2018307322	2019205611	2019278733
<u>H01H 9 /-</u>	<u>H02J 7 /-</u>	<u>H03K 5 /-</u>	<u>H04N 19 /-</u>	<u>H04W 74 /-</u>
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2018308487	2018299925 2018322656	<u>H03K 7 /-</u>	2017421657 2017422536	<u>H04W 76 /-</u>
<u>H01L 27 /-</u>	<u>H02K 3 /-</u>	2018306941	2018290360	2018283266
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<u>H01L 31 /-</u>	<u>H02K 7 /-</u>	2018294981	2018299752	<u>H04W 8 /-</u>
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<u>H01M 10 /-</u>	2018299925	<u>H04B 10 /-</u>	<u>H04Q 9 /-</u>	2018326862
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2018310870	<u>H02M 7 /-</u>	2018298069	<u>H04R 1 /-</u>	<u>H04W 88 /-</u>
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<u>H01M 2 /-</u>	2018285923 2018299925	2018286127 2018289632	2018286816 2018298083	<u>H05H 1 /-</u>
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<u>H01Q 21 /-</u>	2018281237	2018287245	2018286816	<u>H05K 1 /-</u>
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<u>H01Q 5 /-</u>	2018300986	2018285297	2018286816	<u>H05K 5 /-</u>
2018301126	<u>H02P 25 /-</u>	2018286295 2018294981	<u>H04R 3 /-</u>	2019290909
<u>H01R 13 /-</u>	2018282060	2018326862	2018298083	<u>H05K 7 /-</u>
2018292459	<u>H02P 27 /-</u>	2019220254	<u>H04R 5 /-</u>	2018277826
<u>H01R 24 /-</u>	2018281237	<u>H04L 12 /-</u>	2018279704	2018290757 2018322656
2018292459	<u>H02P 29 /-</u>	2018297947 2018299050	2018298083	
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<u>H02B 1 /-</u>	2018282060	2019278733	2018298878	
2019290909				

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(31) 1520177.5 (32) 16.11.15 (33) GB (43) 26.05.2017 (44) 30.01.2020 (72) Hodson, Peter D.; Stuart, Adam J. (74) Davies Collison Cave Pty Ltd	(71) Ab Initio Technology LLC (11) AU-B-2016377516 (21) 2016377516 (22) 20.12.2016 (54) Sub-graph interface generation (51) Int. Cl. G06F 9/44 (2006.01) (87) WO2017/112654
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2014220484	United Kingdom Research and Innovation; Cambridge Enterprise Limited	2015229258	The Trustees of Columbia University in the City of New York
2014223351	Google LLC	2015233396	Stayble Therapeutics AB
2014227804	Regeneron Pharmaceuticals, Inc.	2015233634	Société des Produits Nestlé S.A.
2014227831	Regents of the University of Minnesota	2015235211	National University Corporation Kagawa University; Matsutani Chemical Industry Co., Ltd.
2014231770	The University of Queensland	2015236546	Bioness Inc.
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2014265060	Solarwinds Worldwide, LLC	2015243366	BAYER CONSUMER CARE AG
2014269244	Samsung Electronics Co., Ltd.	2015243916	INVISTA Textiles (U.K.) Limited
2014272067	Satake Corporation	2015244014	The Regents of the University of California
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2014306716	University of Washington through its Center for Commercialization	2015249277	Sharp Fluidics LLC
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2014318672	LanzaTech New Zealand Limited	2015250102	Ethicon Endo-Surgery, LLC
2014318961	OpenTV, Inc.	2015250137	Ferno-Washington, Inc.
2014319043	Fisher and Paykel Healthcare Limited	2015252427	Grubmueller Jr., W.
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2014336389	Bayer Pharma Aktiengesellschaft	2015254922	Wix.com Ltd.
2014337140	Emalex Biosciences, Inc.	2015255712	Luxottica Retail North America Inc.
2014337504	Indiana University Research and Technology Corporation	2015258266	Acciona Energia S.A.
2014340351	Alevere Medical Corporation	2015261544	Sulzer Management AG
2014340456	BP Corporation North America Inc.	2015261545	Sulzer Management AG
2014347032	Google LLC	2015261582	Lifezone Limited
2014348470	Ultradex Pharmaceutical Inc.	2015263137	Finance Developpement Environnement Charreyre - FIDEC
2014349010	Vertex Pharmaceuticals Incorporated	2015263836	Ozuno Holdings Limited
2014350423	Mialhe, C.	2015263874	Hologic, Inc.
2014350615	Amadeus S.A.S.	2015265443	Anheuser-Busch, LLC
2014351069	Blrt Pty Ltd	2015266269	Electrolux Appliances Aktiebolag
2014353885	Charles Sturt University; Meat & Livestock Australia Limited	2015266347	Synergie-Invest GmbH & Co. KG
2014359489	Teva Pharmaceutical Industries Limited	2015266532	Japan Oil, Gas and Metals National Corporation
2014360597	Epimuron Inc.	2015266706	ICU Medical, Inc.
2014362192	Ab Initio Technology LLC	2015266905	MAKO Surgical Corp.
2014371437	Fujimoto Co., Ltd.	2015270113	Mavrik Dental Systems Ltd.
2014372847	XSENS AS	2015271257	Amcor Flexibles UK Limited
2014374326	IP Liberty Vision Corporation	2015275705	Fisher & Paykel Healthcare Limited
2014375214	PGS Geophysical AS	2015279009	Wallac OY
2014376259	Microsoft Technology Licensing, LLC	2015279024	Finance Developpement Environnement Charreyre - FIDEC
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2014388350	The Glad Products Company	2015280417	The Trustees Of Princeton University
2014395496	Smith & Nephew, Inc.	2015282408	Lucideon Limited
2014400785	Ferno-Washington, Inc.	2015282433	The Aluminium Lighting Company Ltd
2014405838	Metso Minerals, Inc.	2015282999	Koninklijke Philips N.V.
2014405844	GEA Scan-Vibro A/S	2015284078	SpecGx LLC
2014408278	Neogen Corporation	2015287923	Physical Systems, Inc.
2014412737	Kimberly-Clark Worldwide, Inc.	2015290113	Solite Innovations LLC
2015201095	Netflix, Inc.	2015291752	Alliance Magnesium
2015201898	Triple Star Fencing Supplies Pty Ltd	2015292744	The Trustees of the University of Pennsylvania; Novartis AG
2015202373	Synack, Inc.	2015297746	Sumitomo Electric Industries, Ltd.
2015204840	BioAtla, LLC	2015298513	Nottingham Trent University
2015206896	Nexira SAS	2015298611	Stryker Corporation
2015210415	SUMS Group Pty Ltd; Skilltech Consulting Services Pty Ltd	2015300256	Oncotherapy Science, Inc.
2015213279	The Boeing Company	2015301134	United Surgical Associates, Inc.
2015221757	Sarong Societa' Per Azioni	2015301207	Vitae Pharmaceuticals, LLC
		2015301396	Alcon Inc.
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2015312522	Fisher & Paykel Healthcare Limited	2016228286	Vallesviu, S.A.
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2015315017	CPG Technologies, LLC	2016231428	Lufthansa Systems GmbH & Co. KG
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2015315792	CPG Technologies, LLC.	2016233888	Westinghouse Air Brake Technologies Corporation
2015316274	Axport Solution Sdn. Bhd.	2016234411	Kyorin Pharmaceutical Co., Ltd.
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2015317970	Calera Corporation	2016239164	Ejendomsselskabet Af 16. Januar 2015 ApS
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2015325088	Owen Oil Tools LP	2016247464	SINIQ GmbH
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2015326725	Institut national de recherche en sciences et technologies pour l'environnement et l'agriculture (irstea)	2016249962	BSN Medical GmbH
2015329733	Truphone Limited	2016250783	Graco Minnesota Inc.
2015330506	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.	2016250786	Graco Minnesota Inc.
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2015331752	Conexions, Inc.	2016252090	Haulotte Group
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2015349598	Envirochasing IP Holdings Pty Ltd	2016269008	Toray Industries, Inc.
2015349920	Faculty Physicians and Surgeons of Loma Linda University School of Medicine	2016270507	Etex Building Performance International SAS
2015350561	Arcturus Therapeutics, Inc.	2016271554	Fairlife, LLC
2015353393	Detnet South Africa (Pty) Ltd	2016271628	Eastman Kodak Company
2015357085	Janssen Pharmaceutica NV	2016273122	Cargill, Incorporated; Evolva
2015357305	Anheuser-Busch InBev S.A.	2016277784	Philip Morris Products S.A.
2015360243	Kasowski, R.	2016283788	Compagnie Generale des Etablissements Michelin
2015362073	Napoli, A.	2016284156	Ridley USA Inc.
2015362589	Graphic Packaging International, LLC	2016285894	Nippon Kayaku Kabushiki Kaisha
2015367620	Koninklijke Douwe Egberts B.V.	2016286263	Vamvas, V.
2015368154	LG Electronics Inc.	2016287530	Qualcomm Incorporated
2015369922	Document Storage Systems, Inc.	2016288257	SICPA HOLDING SA
2015369924	Bayer CropScience LP	2016291089	Arcadia Biosciences, Inc.
2015369965	E. I. du Pont de Nemours and Company	2016294733	Arne Konsulent & Salg AS
2015370554	De' Longhi Appliances S.R.L. Con Unico Socio	2016298501	CommScope Connectivity Belgium BVBA; CommScope
2015371799	Rhodia Operations	2016298637	Connectivity UK Limited
2015372456	Institute of Cotton Research, Chinese Academy of Agricultural Sciences	2016300658	Qualcomm Incorporated
2015375294	ArjoHuntleigh Magog Inc.	2016304440	Nuovo Pignone Tecnologie Srl
2015375353	Avery Dennison Corporation	2016306700	Nippon Steel Corporation; The Sangyo Shinko Co., Ltd.
2015380475	Kimberly-Clark Worldwide, Inc.	2016309004	Novartis AG
2015384380	Yamaha Motor Electronics Co., Ltd.	2016316773	Shuttle Gauge IP Pty Ltd
2015402770	Creatrix Solutions LLC	2016327051	Qualcomm Incorporated
2015417667	Google LLC	2016330230	Illumina, Inc.
2016200155	Covidien LP	2016335722	PLF Agritech Pty Ltd
2016202937	Liebherr-Mining Equipment Colmar SAS	2016336575	Loders Croklaan B.V.
2016203385	CORN PRODUCTS DEVELOPMENT, INC.	2016341967	Nippon Telegraph and Telephone Corporation
2016205137	An, L.; The United States of America, as Represented by The Secretary, Department of Health and Human Services	2016344642	LG Electronics Inc.
2016207990	Idorsia Pharmaceuticals Ltd	2016345125	Lindsey Manufacturing Co.
2016209382	Integrity Implants Inc.	2016351177	British American Tobacco (Investments) Limited
2016209625	Kimberly-Clark Worldwide, Inc.	2016351635	Huawei Technologies Co., Ltd.
2016210582	Ram, I.	2016352211	Alibaba Group Holding Limited
2016218074	UCB Biopharma SPRL	2016353600	Stadlmann, K.
2016219248	Ecolab USA Inc.	2016356028	Alibaba Group Holding Limited
2016220096	Arizona Board of Regents on behalf of Arizona State University	2016357285	Enzychem Lifesciences Corporation
		2016357373	Qingdao Haier Joint Stock Co., Ltd
		2016359122	Milliken & Company
		2016362777	Novartis AG
		2016363024	Caribou Biosciences, Inc.

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2016363347	Planet GDZ AG	2017279686	Merck Sharp & Dohme Corp.
2016366454	NOX Corporation	2017279717	Locator IP, L.P.
2016369535	Novelis Inc.	2017279827	Fairfield Manufacturing Company, Inc.
2016374989	Secunet Security Networks Aktiengesellschaft	2017281368	3M Innovative Properties Company
2016377516	Ab Initio Technology LLC	2017281906	3M Innovative Properties Company
2016379001	ArcelorMittal	2017282850	China University of Mining and Technology
2016379002	ArcelorMittal	2017283685	Indo Count Industries Limited
2016379004	ArcelorMittal	2017287743	Celltrion Inc.
2016379156	Centripetal Networks, Inc.	2017291178	Welltec Oilfield Solutions AG
2016382909	Alibaba Group Holding Limited	2017296139	Lifetrack Medical Systems Private Ltd.
2016388215	Mitsubishi Electric Corporation	2017299585	Bovicor Pharmatech Inc.
2016395951	Austin Star Detonator Company	2017301840	British American Tobacco (Investments) Limited
2016405486	China University of Mining and Technology	2017301985	British American Tobacco (Investments) Limited
2016408809	Qingdao Haier Joint Stock Co., Ltd	2017302034	Exxon Labs Inc.
2016408810	Qingdao Haier Joint Stock Co., Ltd	2017304793	Jiangsu Shemar Electric Co., Ltd.
2016409676	Huawei Technologies Co., Ltd.	2017304972	Nippon Steel Corporation; Dai-Ichi High Frequency Co., Ltd.
2016417542	Shandong University	2017305972	Zinpro Corporation
2016420321	Essity Hygiene and Health Aktiebolag	2017308229	PRC-DeSoto International, Inc.
2016426013	Ginda New-Tech Co., Ltd.	2017308709	Siemens Aktiengesellschaft
2016430795	Essity Hygiene and Health Aktiebolag	2017310760	Huawei Technologies Co., Ltd.
2016432930	Colgate-Palmolive Company	2017313427	Suven Life Sciences Limited
2017202468	Manneschi, A.	2017313589	Caregen Co., Ltd.
2017203271	NCH Corporation	2017314133	Seram Coatings AS
2017204549	Watlow Electric Manufacturing Company	2017316361	Cardiac Pacemakers, Inc.
2017209066	Sinphar Tian-Li (Hangzhou) Pharmacy Company Limited	2017317847	Beijing Qiyi Century Science & Technology Co., Ltd.
2017210548	Biosense Webster (Israel), Ltd.	2017319260	FUJIFILM Corporation
2017213662	Warstone Innovations, LLC	2017320088	Guangdong Raynovent Biotech Co., Ltd.
2017217656	Merck Sharp & Dohme Corp.	2017320736	ExxonMobil Upstream Research Company
2017219063	Kala Pharmaceuticals, Inc.	2017323114	TCI Co., Ltd
2017222427	Avery Dennison Corporation	2017324430	Boston Scientific Neuromodulation Corporation
2017224719	Nihon Nohyaku Co., Ltd.	2017325716	Lummus Technology Inc.
2017226695	LG Electronics Inc.	2017327538	Bendix Commercial Vehicle Systems LLC
2017238995	Siemens Aktiengesellschaft	2017327851	MED-EL Elektromedizinische Geraete GmbH
2017239580	Xorro Pty Ltd	2017332169	Samsung Electronics Co., Ltd.
2017240033	The Procter & Gamble Company	2017335101	Alibaba Group Holding Limited
2017240507	Medtronic Vascular Inc.	2017336644	Netflix, Inc.
2017245025	Asahi Kasei Medical Co., Ltd.	2017337686	Jiangsu Huifeng Bio Agriculture Co., Ltd.
2017245131	Dexcom, Inc.	2017339375	Qualcomm Incorporated
2017245933	Integrated Plastics Pty Limited	2017339976	Hendrickson USA, L.L.C.
2017248264	The Johns Hopkins University	2017342207	Novartis AG
2017251739	Kastning, S.; McDougall-Kastning, C.	2017345361	Saipem S.A.
2017251859	Expression Pathology, Inc.	2017348315	PPG Architectural Finishes, Inc.
2017254103	Cardiac Pacemakers, Inc.	2017349329	Gaudfrin
2017254113	Boston Scientific Scimed, Inc.	2017353644	Samsung Electronics Co., Ltd.
2017254114	Boston Scientific SciMed, Inc.	2017354183	Mitsubishi Electric Corporation
2017254866	Hayward Industries, Inc.	2017359558	Niftylift Limited
2017254964	Pacific Edge Limited	2017363223	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017259981	Adient Medical, Inc.	2017367745	Cascade Corporation
2017260854	GlaxoSmithKline Intellectual Property (No.2) Limited	2017373824	Somfy Activites SA
2017261486	FISHER & PAYKEL HEALTHCARE LIMITED	2017375602	Eli Lilly and Company
2017262637	Becton, Dickinson and Company	2017378132	Novelis Inc.
2017262875	Huawei Technologies Co., Ltd.	2017382152	Colgate-Palmolive Company
2017264182	Huawei Technologies Co., Ltd.	2017382575	Colgate-Palmolive Company
2017265042	Mallinckrodt Hospital Products IP Limited	2017384998	Wing Aviation LLC
2017265880	Huawei Technologies Co., Ltd.	2017398275	An, K.
2017267809	National University Corporation Nagoya University; Life Science Institute, Inc.	2017400373	Gracie, R.
2017268038	Cabot, J.	2017403982	Mitsubishi Electric Corporation
2017268561	GSK Consumer Healthcare S.A.	2017404562	Ping An Technology (Shenzhen) Co., Ltd.
2017268577	Afton Chemical Corporation	2017409203	Mitsubishi Electric Corporation
2017269385	Boston Scientific Scimed, Inc.	2017411915	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2017272195	Reckitt & Colman (Overseas) Hygiene Home Limited	2017423558	Kong, B.W.M.
2017272226	Innovex Downhole Solutions, Inc.	2018200166	GEN-PROBE INCORPORATED
2017273722	The Procter & Gamble Company	2018200178	The Gillette Company LLC
2017275065	Huawei Technologies Co., Ltd.	2018200207	University of Southern California
2017276327	CNH Industrial America LLC	2018200231	Sight Sciences, Inc.
2017278331	Medtronic Vascular Inc.	2018200295	BLUESCOPE STEEL LIMITED
2017279565	BioNTech RNA Pharmaceuticals GmbH; TRON-Translational Onkologie an der Universitatsmedizin der Johannes Gutenberg-Universitat Mainz Gemeinnutzige GmbH	2018200367	MedicalTree Patent Ltd
		2018200371	Fractyl Laboratories, Inc.
		2018200449	GENENTECH, INC.

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2018200844	Vyaire Medical Consumables LLC	2018241094	ES Xplore, L.L.C.
2018200896	Wing Enterprises, Incorporated	2018241146	ServiceNow, Inc.
2018200969	Impossible Foods Inc.	2018247222	Pangang Group Research Institute Co., Ltd.
2018201017	Phytogen Seed Company, LLC	2018247225	Pangang Group Research Institute Co., Ltd.
2018201125	Seal Shield, LLC	2018247246	MASTERCARD INTERNATIONAL INCORPORATED
2018201190	Seattle Genetics, Inc.	2018247276	InnocoRPS Research Corporation
2018201260	Apple Inc.	2018247323	European Molecular Biology Laboratory
2018201441	Amunix Operating Inc.	2018250353	CROWN EQUIPMENT CORPORATION
2018201476	Tata Consultancy Services Limited	2018253484	Apple Inc.
2018201603	Oy Halton Group Ltd.	2018260814	Sunshine, S.
2018201632	ESCO Group LLC	2018260884	Inguran, LLC
2018201647	Janssen Vaccines & Prevention B.V.	2018261718	Motorola Solutions, Inc.
2018201648	Boveda, Inc.	2018264015	Apple Inc.
2018201726	ESCO Group LLC	2018264305	China University of Mining and Technology; Xuzhou Zhirun Mining Equipment Science and Technology Co., Ltd.
2018201733	ESCO Group LLC		Lamincan Pty Ltd
2018201761	Weatherford U.K. Limited		Softbank Robotics Europe
2018201865	BARON, G.; BARON, S.; BARON, C.; BARON, G.; BARON, M.	2018265758	Epic Surf Design Company, LLC
2018201911	Itron, Inc.	2018271237	Heraeus Medical GmbH
2018202009	Novartis AG	2018275001	CASIO COMPUTER CO., LTD.
2018202026	Gateway Autoart Limited; Gateway Autoart Japan Corporation	2018279032	South China Sea Institute of Oceanology, Chinese Academy of Sciences
2018202134	Xyleco, Inc.	2018282455	Yubico AB
2018202330	Trustees of Dartmouth College	2018286614	Komatsu Ltd.
2018202338	The Coca-Cola Company		Novelis Inc.
2018202375	HandyLab, Inc.		Hyper Ice, Inc.
2018202461	Agrigenetics, Inc.	2018410249	Intra-Cellular Therapies, Inc.
2018202462	Agrigenetics, Inc.	2019200301	Washington University
2018202463	Agrigenetics, Inc.	2019200353	CDA Research Group, Inc.
2018202464	Agrigenetics, Inc.	2019200641	iOmniscient Pty Ltd
2018202552	Acorda Therapeutics, Inc.	2019200711	ORLER, A.
2018202595	Otis Elevator Company	2019200836	VISION X ASIA CO.,LTD.; KO, I.H.
2018202664	The Trustees of The University of Pennsylvania	2019201121	Thru Tubing Solutions, Inc.
2018203326	Brother Kogyo Kabushiki Kaisha	2019201177	INJECTO A/S
2018203357	Aeromics, Inc.	2019201477	Abiomed, Inc.
2018203420	MEI, Inc.	2019201492	Siemens Gamesa Renewable Energy A/S
2018203665	Baxalta Incorporated; Baxalta GmbH	2019201554	PowerVision, Inc.
2018203873	Hunter Douglas Inc.	2019201556	Colgate-Palmolive Company
2018203954	Endomagnetics Ltd.	2019201855	SRI International
2018203988	ViewRay Technologies, Inc.	2019202697	Depuy Mitek, LLC
2018204002	Deep Imaging Technologies, Inc.	2019202698	CREO MEDICAL LIMITED
2018204181	Biomet 3i, LLC	2019202738	Factor Bioscience Inc.
2018204229	Biosense Webster (Israel) Ltd.	2019203662	MAKO Surgical Corp.
2018204416	Dr. Ing. h.c.F. Porsche Aktiengesellschaft	2019203781	Neuronano AB
2018204654	Heineken Supply Chain B.V.	2019204187	Proteobioactives Pty Limited
2018204918	F. Hoffmann-La Roche AG	2019204289	BASF SE
2018204924	National Cancer Center	2019204621	Titan Trailers Inc.
2018205213	Bechtel Oil, Gas & Chemicals Inc.	2019204657	Magic Leap, Inc.
2018206836	Colgate-Palmolive Company	2019231697	Citrix Systems, Inc.
2018207309	Colgate-Palmolive Company	2019280105	
2018208733	Apple Inc.		
2018214129	Interscope, Inc.		
2018217252	Allergan, Inc.		
2018220003	Depuy Synthes Products, LLC		
2018220024	Monash University		
2018220099	Covidien LP		
2018220114	REBIOTIX, INC.		
2018222933	Inner Mongolia ShengYuan Technology Co. Ltd.; China University of Petroleum (East China)		
2018223046	Seventh Sense Biosystems, Inc.		
2018223216	Minetek Investments Pty Ltd		
2018223850	Sigknow Biomedical Co., Ltd.		
2018226458	Purple Innovation, LLC		
2018227365	Motorola Solutions, Inc.		
2018229488	Maria Beug-Deeb Inc. DBA T&M Associates		
2018229505	FERNO-WASHINGTON, INC.		
2018232957	Gilead Sciences, Inc.		
2018236767	KT Corporation		
2018236768	KT Corporation		
2018236769	KT Corporation		
2018236785	Synthes GmbH; University of Zurich		
2018241067	GOJO INDUSTRIES INC.		

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<u>A01B 63 /-</u>	2016356028	2016270507	2018202338	<u>A61B 46 /-</u>	<u>A61F 5 /-</u>
2017276327	2017337686	2017209066			
<u>A01C 1 /-</u>	<u>A01N 63 /-</u>	<u>A23L 7 /-</u>	<u>A47G 9 /-</u>	2015249277	2015301134
2015371799	2015369924	2016288257	<u>A47J 27 /-</u>	2015243366	2014374326
2016300658		2018200207		2015314991	2017281368
<u>A01D 80 /-</u>	<u>A01P 13 /-</u>	<u>A23P 30 /-</u>	2015370554	2017245131	2017281906
2017251739	2016356028	2016283788	<u>A47J 31 /-</u>	2017262637	2019201556
<u>A01H 1 /-</u>	<u>A01P 21 /-</u>	<u>A24B 13 /-</u>	2015367620	2017316361	
2015371799				2018203954	<u>A61G 1 /-</u>
2014234456	2017337686	2016273122	<u>A47L 15 /-</u>	2018223046	2018229505
2014360597				2018223850	<u>A61G 12 /-</u>
<u>A01H 4 /-</u>	<u>A01P 3 /-</u>	<u>A24B 15 /-</u>	2017272195	2018261718	
2015369924		2016273122	<u>A47L 9 /-</u>	2018282455	2014400785
2018202461				2019204187	2016223900
2018202462	<u>A01P 7 /-</u>	<u>A24B 5 /-</u>	2015368154	<u>A61B 50 /-</u>	<u>A61G 3 /-</u>
2018202463			2017226695	2015349920	
2018202464	2017224719	2016273122	<u>A61B 1 /-</u>	<u>A61B 7 /-</u>	2014400785
<u>A01H 5 /-</u>	<u>A23C 3 /-</u>	<u>A24F 47 /-</u>	2017269385		<u>A61G 5 /-</u>
2014227831	2016270507	2016344642	2018214129	2015247557	
2014234456		2017301840	2018282455	<u>A61C 13 /-</u>	2016253398
2014360597	<u>A23C 9 /-</u>	2017301985	<u>A61B 10 /-</u>	2018204181	<u>A61G 7 /-</u>
2016288257					
2018201017	2016270507	<u>A41D 1 /-</u>	2015225914	<u>A61C 19 /-</u>	2015375294
2018202461			2018223046		
2018202462	<u>A23D 7 /-</u>	2018261718	<u>A61B 17 /-</u>	2015270113	<u>A61H 23 /-</u>
2018202463				2018204181	
2018202464	2016330230	<u>A41D 13 /-</u>	<u>A61B 17 /-</u>	2018410249	
	2018200969				
<u>A01K 61 /-</u>	<u>A23D 9 /-</u>	2015290113	2014395496	<u>A61C 8 /-</u>	<u>A61H 33 /-</u>
2016291089		2018261718	2015249277		
2018286614	2016330230	2018275001	2015250102	2015342271	2016249962
	2018200969		2015253568	2018204181	
<u>A01K 63 /-</u>	<u>A23J 1 /-</u>	<u>A41D 15 /-</u>	2015266905		
2016291089					
			2015298611	<u>A61F 11 /-</u>	<u>A61J 15 /-</u>
<u>A01N 25 /-</u>	<u>A23K 10 /-</u>	2017400373	2015301396		
2015322043					
2015371799	2016283788	<u>A43B 17 /-</u>	2015330957	2017327851	2016231992
2017302034			2015335766	2018200231	<u>A61K 101 /-</u>
<u>A23K 20 /-</u>	2018226458		2015341696		
			2016200155	<u>A61F 13 /-</u>	2015357085
<u>A01N 33 /-</u>	2016251511	<u>A46B 11 /-</u>	2017210548		
2017302034	2017305972		2017259981	2014412737	<u>A61K 31 /-</u>
<u>A23K 40 /-</u>	2015241430		2017269385	2016209625	
	2018206836	<u>A61B 18 /-</u>	2018214129	2016420321	2014331995
<u>A01N 37 /-</u>				2016430795	2014336389
2015372456	2016283788	<u>A46B 13 /-</u>	2018279032		2014337140
2016356028			2019202698	<u>A61F 2 /-</u>	2014340351
<u>A23K 50 /-</u>	2015241430	<u>A46B 17 /-</u>			
<u>A01N 43 /-</u>	2017305972	<u>A46B 7 /-</u>	2018220099	2015341696	2015229258
2015342774			2019202738	2015346450	2015233396
2015371799	<u>A23L 11 /-</u>	2018206836		2016209382	
2016356028					2015233634
2017224719	2014408278	<u>A46D 1 /-</u>	<u>A61B 3 /-</u>	2017254113	2015235211
2017302034				2017254114	
<u>A23L 27 /-</u>	2017273722		2015302050	2017268038	2015237746
2017337686	2019201855			2017278331	2015284078
	2016251511			2017327851	2015301207
				2018200367	2015303308
				2018202664	2015330506
				2018236785	2015333645

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2016205137	<u>A61K 47 /-</u>	2018200844	<u>A61P 19 /-</u>	2018202330	2017254866
2016207990					2017349329
2016220096	2013404939	<u>A61M 16 /-</u>	2015233396	<u>A61P 39 /-</u>	<u>B01D 5 /-</u>
2016234411	2015284078		2016417542		
2016249537	2016218074	2014319043	2018202330	2014353885	
2016255474	2017287743	2015275705	2019204289	2017209066	2018247276
2016256125	2017313589	2015301396			
2016284156	2017319260	2015312522	<u>A61P 21 /-</u>	<u>A61P 43 /-</u>	<u>B01D 53 /-</u>
2016304440	2019204289	2017261486			
2016353600		2017265042	2017267809	2014349010	2015402770
2016417542	<u>A61K 48 /-</u>	2017299585		2016256125	2018201648
2017217656		2018200844	<u>A61P 25 /-</u>	2017319260	<u>B01D 65 /-</u>
2017219063	2015237746		2014337140	<u>A61P 7 /-</u>	
2017224719	2015300256	<u>A61M 25 /-</u>	2014359489		2017245025
2017279686	2017279565		2014371437	2015301207	
2017313427	2019203662	2015227431		2018203665	<u>B01D 69 /-</u>
2017313589		2016226048	2015301207		
2017319260	<u>A61K 8 /-</u>	2016231992	2017209066		
2017342207		2017240507	2017248264	<u>A61P 9 /-</u>	2017245025
2018202552	2016432930	2018200371	2017267809		
2018203357	2017209066	2018204229	2017313427	2018203665	<u>B01D 71 /-</u>
2018217252	2017240033	2018220003	2017342207	<u>A61Q 11 /-</u>	2015244014
2019200301	2017313589				2017245025
2019204289	2017382152	<u>A61M 29 /-</u>	<u>A61P 27 /-</u>	2016432930	
	2017382575			2017240033	<u>B01D 9 /-</u>
<u>A61K 33 /-</u>	2018207309	2018200371	2015346450	2017382152	
	2018229488			2017382575	2016219248
2014353885	2019200641	<u>A61M 31 /-</u>	<u>A61P 29 /-</u>	2018207309	<u>B01F 3 /-</u>
<u>A61K 35 /-</u>	<u>A61K 9 /-</u>	2017327851	2016207990		
			2016249537	<u>A61Q 7 /-</u>	2016249962
2015300256	2013404939	<u>A61M 35 /-</u>	2018217252		
2015308243	2014336389		2019204289	2017313589	<u>B01J 19 /-</u>
2017267809	2014386903	2016242937			
2017323114	2015280417	<u>A61M 37 /-</u>	<u>A61P 3 /-</u>	<u>A61Q 90 /-</u>	2015340767
2018220114	2015282408		2013404939	2015206896	2016254582
	2015284078		2014331995		2017238995
<u>A61K 36 /-</u>	2015350561	2016242937	2015206896	<u>A62B 18 /-</u>	<u>B01J 29 /-</u>
	2016218074		2018200207		
2015206896	2016353600	<u>A61M 39 /-</u>		2017281368	
	2017279565			2017281906	2017325716
<u>A61K 38 /-</u>	2017287743	2015301396	<u>A61P 31 /-</u>		<u>B01J 31 /-</u>
	2017319260				
2013404939	2017323114	<u>A61M 5 /-</u>	2016234411	<u>A62B 27 /-</u>	
2014306716			2016249537		2017302034
2016210582	<u>A61L 15 /-</u>	2015227431	2016256125	2017281368	
2016258084		2015249322	2017217656	2017281906	<u>B01J 35 /-</u>
2017209066	2016420321	2015266706	2017279686	<u>A62B 9 /-</u>	
2017248264		2017262637	2017320088		2017302034
2018202330	<u>A61L 2 /-</u>	2017375602	<u>A61P 33 /-</u>	2017281368	<u>B01J 8 /-</u>
2018203665		2019201477		2017281906	
	2015402770				
<u>A61K 39 /-</u>	2016254582	<u>A61N 1 /-</u>	2015235211	<u>A63B 69 /-</u>	2017325716
	2018201125		2017224719		<u>B01L 3 /-</u>
2014286998		2015236546	<u>A61P 35 /-</u>	2014259275	
2015292744	<u>A61L 26 /-</u>	2017254103			2018200166
2015300256		2017268561	2014286998	<u>A63F 13 /-</u>	
2016218074	2016247464	2017324430	2014331645	2019231697	<u>B02C 13 /-</u>
2016253126		2017327851	2015300256		
2016255474	<u>A61M 1 /-</u>	2018204229	2015301207	<u>A63H 17 /-</u>	2014405838
2017279565	2019201492	2019204187	2015303308		
2017287743			2015357085	2018202026	<u>B02C 18 /-</u>
2018200449	<u>A61M 11 /-</u>	<u>A61P 1 /-</u>	2016205137		
2018202009			2016249537	<u>B01D 1 /-</u>	2014405838
2018202330	2017301840	2017248264			
	2017301985	2017267809	2016284156		<u>B02C 21 /-</u>
<u>A61K 45 /-</u>	2018200844	2018220114	2017319260	2018247276	
			2019200353	<u>B01D 29 /-</u>	2014405838
2014231770	<u>A61M 15 /-</u>				
2014371437					<u>B02C 23 /-</u>
2016353600	2016357285	2016234411	2013404939		
	2017265042	2017267809	2015300256	<u>B01D 35 /-</u>	2014405838
	2017301985		2017209066		

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<u>B03B 9 /-</u>	<u>B22F 1 /-</u>	<u>B32B 27 /-</u>	<u>B62B 3 /-</u>	<u>B65B 51 /-</u>	<u>B66B 23 /-</u>
2015263137	2017314133	2016366454	2016253398	2018200295	2018202595
<u>B03C 1 /-</u>	<u>B23B 51 /-</u>	<u>B32B 7 /-</u>	<u>B62D 1 /-</u>	<u>B65B 9 /-</u>	<u>B66C 15 /-</u>
2018260884	2015343799	2016366454	2018250353	2018200295	2017359558
2019200836	<u>B23K 26 /-</u>	<u>B33Y 40 /-</u>	<u>B62D 33 /-</u>	<u>B65D 1 /-</u>	<u>B66F 11 /-</u>
<u>B03D 1 /-</u>	2015280111	2016351635	2015362073	2015265443	2016252090
2017282850	<u>B23K 31 /-</u>	<u>B41J 15 /-</u>	<u>B62D 63 /-</u>	2017245933	2016252090
<u>B05B 7 /-</u>	2017304972	2018203326	2019204657	2018204654	<u>B66F 3 /-</u>
2018260814	2017345361	<u>B41J 3 /-</u>	<u>B62D 7 /-</u>	2018265758	2016252090
<u>B07B 1 /-</u>	<u>B23K 9 /-</u>	2018203326	2018265758	<u>B65D 17 /-</u>	<u>B66F 7 /-</u>
2014405844	2015280111	<u>B41M 3 /-</u>	2017339976	<u>B65D 19 /-</u>	2016252090
2015279024	2017345361	<u>B62L 3 /-</u>	2016426013	2015266347	<u>B66F 9 /-</u>
<u>B07B 13 /-</u>	<u>B25H 7 /-</u>	2016287530	<u>B63B 21 /-</u>	2015316274	2016252090
2015263137	2016363347	<u>B60C 1 /-</u>	<u>B63B 23 /-</u>	2017367745	2017367745
2015279024	<u>B25J 11 /-</u>	2016277784	2016239164	2017245933	<u>B67D 1 /-</u>
<u>B07C 5 /-</u>	2017226695	<u>B60K 17 /-</u>	<u>B63B 29 /-</u>	<u>B65D 25 /-</u>	2015357305
2015254679	<u>B25J 13 /-</u>	2017279827	2018201865	2018204654	<u>B82Y 40 /-</u>
<u>B08B 17 /-</u>	2015368154	<u>B60K 6 /-</u>	<u>B63B 35 /-</u>	<u>B65D 33 /-</u>	2015280417
2015282999	<u>B25J 19 /-</u>	2016260442	2018201865	2014388350	<u>C01B 3 /-</u>
<u>B08B 9 /-</u>	2017226695	<u>B60L 53 /-</u>	<u>B63B 59 /-</u>	<u>B65D 5 /-</u>	2015342142
2018264305	<u>B25J 5 /-</u>	2018204416	2015282999	2015362589	<u>C01F 5 /-</u>
<u>B09B 3 /-</u>	2015368154	<u>B60P 1 /-</u>	<u>B63C 11 /-</u>	<u>B65D 71 /-</u>	2015291752
2015263137	<u>B25J 9 /-</u>	2015362073	<u>B63G 8 /-</u>	2015362589	<u>C01F 7 /-</u>
<u>B21B 1 /-</u>	2017226695	2019204657	2018201865	<u>B65D 75 /-</u>	2016219248
2018247222	<u>B26B 21 /-</u>	<u>B60P 7 /-</u>	2018275001	2015271257	<u>C02F 1 /-</u>
2018247225	<u>B21C 37 /-</u>	2014400785	<u>B63G 8 /-</u>	<u>B65D 85 /-</u>	2018247276
2015280111	2018200178	<u>B60Q 1 /-</u>	2016265729	2019200836	2019200836
<u>B21D 22 /-</u>	<u>B29B 11 /-</u>	2017202468	<u>B63H 21 /-</u>	2015221757	<u>C04B 111 /-</u>
2015265443	2017245933	<u>B60R 21 /-</u>	2017308709	<u>B65D 88 /-</u>	2016269008
2015280111	2018204654	2016238580	<u>B63H 9 /-</u>	2014405838	<u>C04B 28 /-</u>
<u>B21D 5 /-</u>	<u>B29C 33 /-</u>	2016239164	<u>B65D 90 /-</u>	2016269008	2016269008
2015280111	2015213279	<u>B60T 15 /-</u>	<u>B64B 1 /-</u>	2016306700	<u>C04B 35 /-</u>
<u>B21D 51 /-</u>	<u>B29C 49 /-</u>	2016233888	2017398275	<u>B65F 1 /-</u>	2017314133
2015265443	2018204654	<u>B60T 17 /-</u>	<u>B64C 39 /-</u>	2017239580	<u>C04B 38 /-</u>
<u>B21D 51 /-</u>	<u>B29C 67 /-</u>	2016233888	2017384998	<u>B65G 47 /-</u>	2016269008
2015265443	2016351635	<u>B60T 7 /-</u>	2017398275	2014405838	<u>C07B 59 /-</u>
2015287923	<u>B29L 9 /-</u>	2016426013	<u>B64D 1 /-</u>	2015254679	2015254679
<u>B22D 11 /-</u>	2018204654	<u>B60W 10 /-</u>	2017384998	<u>B65G 67 /-</u>	2015357085
2016379001	<u>B31F 1 /-</u>	2016260442	<u>B65B 15 /-</u>	2019204657	<u>C07C 13 /-</u>
2016379002	2015245230	<u>B61H 13 /-</u>	2018200295	<u>B65H 43 /-</u>	2015237746
2016379004		2016233888		2015380475	
2018367450					

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<u>C07C 211 /-</u>	<u>C07D 405 /-</u>	<u>C07H 21 /-</u>	2015340767	2017325716	2017267809 2018204924
2015360243		2014212009	<u>C08J 3 /-</u>	<u>C10G 47 /-</u>	<u>C12N 9 /-</u>
2016284156	2015301207	2015346164	2015280417	2018222933	2014234265
<u>C07C 22 /-</u>	2015330506	2016255474	2017254964	2014306716	<u>C12N 9 /-</u>
2015237746	<u>C07D 413 /-</u>	2019203662	<u>C08J 5 /-</u>	<u>C10J 3 /-</u>	2014360597
2014359489		<u>C07J 31 /-</u>	2016420321	2015342142	2016255474
<u>C07C 29 /-</u>	2015301207	2015350561	2019204621	<u>C10L 1 /-</u>	2016288257
2017238995	<u>C07D 417 /-</u>	<u>C07K 1 /-</u>	<u>C08J 9 /-</u>	2017268577	<u>C12P 17 /-</u>
<u>C07C 31 /-</u>	2014359489	2014310479	2016271554	<u>C10L 10 /-</u>	2014360597
2017238995	2015301207	2017209066	<u>C08K 5 /-</u>	2017268577	<u>C12P 19 /-</u>
<u>C07C 323 /-</u>	<u>C07D 471 /-</u>	<u>C07K 14 /-</u>	2015360243	<u>C10M 117 /-</u>	2015369965
2015350561	2015303308	2015292744	2019204621	2016271628	2016271628
<u>C07C 333 /-</u>	2015330506	2015308243	<u>C08L 1 /-</u>	2017203271	<u>C12P 21 /-</u>
2015342774	2016210582	2016210582	2015369965	<u>C10M 159 /-</u>	2017209066
2015350561	2016205137	2016253126	2016255474	2017203271	2017254964
2016249537	2016258084	<u>C08L 45 /-</u>	20162754964	<u>C10N 10 /-</u>	<u>C12Q 1 /-</u>
<u>C07D 207 /-</u>	2016417542	2016362777	2015375353	2017203271	2014272067
2018201190	2017219063	2017254964	<u>C08L 53 /-</u>	2017203271	2014318672
<u>C07D 209 /-</u>	2017320088	2018202330	2016277784	<u>C10N 50 /-</u>	2014360597
2018232957	2018232957	<u>C07K 16 /-</u>	2016277784	2016229372	2016258084
2015320721	<u>C07D 487 /-</u>	2014286998	<u>C08L 9 /-</u>	2017203271	2016316773
<u>C07D 213 /-</u>	2015357085	2015292744	2016277784	<u>C11B 9 /-</u>	2017254964
2017224719	2015300256	2016253126	<u>C09D 11 /-</u>	2016251511	2018201476
2014359489	2018232957	2016255474	2016287530	<u>C11C 3 /-</u>	2018204924
<u>C07D 231 /-</u>	<u>C07D 491 /-</u>	2016362777	2016287530	<u>C11D 3 /-</u>	<u>C21D 1 /-</u>
2017219063	2015330506	2017248264	<u>C09D 167 /-</u>	2016330230	2015280111
2018217252	2016205137	2018200449	2018201647	2016379001	2016379002
<u>C07D 239 /-</u>	2016249537	2018202009	2018202330	2017348315	2016379004
2015330506	<u>C07D 495 /-</u>	<u>C07K 19 /-</u>	<u>C09D 183 /-</u>	2018229488	2017304972
<u>C07D 241 /-</u>	2017260854	2017313589	2015346315	<u>C12N 1 /-</u>	<u>C21D 8 /-</u>
2015301207	<u>C07D 497 /-</u>	2018202330	<u>C09D 5 /-</u>	2016271628	2018247222
2019200301	2015301207	<u>C07K 2 /-</u>	2015346315	<u>C12N 15 /-</u>	<u>C21D 9 /-</u>
<u>C07D 279 /-</u>	<u>C07D 498 /-</u>	2017209066	<u>C09D 7 /-</u>	2014212009	2017304972
2016220096	2016205137	<u>C07K 7 /-</u>	2015346315	2014227831	2018247222
<u>C07D 281 /-</u>	2016256125	2015300256	<u>C09F 9 /-</u>	2014234265	2018247225
2015229258	2018232957	2017313589	2017222427	2014318672	<u>C22B 11 /-</u>
<u>C07D 319 /-</u>	<u>C07D 513 /-</u>	<u>C08B 30 /-</u>	2016287530	2014360597	2015261582
2015226914	2016256125	2016203385	<u>C09J 131 /-</u>	2015300256	2015346164
<u>C07D 401 /-</u>	<u>C07D 519 /-</u>	<u>C08F 220 /-</u>	2017423558	2015350561	<u>C22B 26 /-</u>
2014359489	2016249537	2015340767	<u>C09J 7 /-</u>	2016288257	2015291752
2015301207	<u>C07F 15 /-</u>	<u>C08F 293 /-</u>	2017222427	2016316773	2016363024
2016249537	2016284156	2015340767	<u>C09K 5 /-</u>	2018201441	<u>C22B 3 /-</u>
<u>C07D 403 /-</u>	<u>C07F 9 /-</u>	<u>C08F 6 /-</u>	2016379001	2019203662	2015261582
2014359489		2015330506	2016379002	2015308243	2015291752
2015301207	2016256125	2015280417	2016379004	2017254964	<u>C22C 21 /-</u>
2015330506		<u>C08F 8 /-</u>	<u>C10G 11 /-</u>	2016369535	2016369535

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2017378132	<u>D03D 15 /-</u>	<u>E04D 13 /-</u>	<u>F01N 3 /-</u>	<u>F15B 5 /-</u>	2016255520
<u>C22C 38 /-</u>	2016266265	2018200295	2015349598	2016202937	<u>F21V 21 /-</u>
2015287923	2017283685	<u>E04D 3 /-</u>	<u>F01P 7 /-</u>	<u>F16B 23 /-</u>	2019201121
2018247222					
2018247225	<u>D05C 17 /-</u>	2018200295	2016263118	2015287923	<u>F21V 23 /-</u>
<u>C22F 1 /-</u>	2015243916	<u>E04F 15 /-</u>	<u>F02B 67 /-</u>	<u>F16B 35 /-</u>	2015282433
2016369535	<u>D06F 37 /-</u>	2016366454		2015287923	<u>F24C 15 /-</u>
2017378132	2016336575	<u>E04G 23 /-</u>	2016263118	<u>F16H 19 /-</u>	2018201603
<u>C23C 18 /-</u>	<u>D06F 39 /-</u>	2017213662	<u>F03B 13 /-</u>	2017327538	<u>F24F 13 /-</u>
2017314133	2016336575	<u>E04H 12 /-</u>	2016285894	<u>F16H 35 /-</u>	2017403982
<u>C23C 22 /-</u>	2017272195		<u>F03D 1 /-</u>		
2017308229	<u>D06M 13 /-</u>	2016341967		2017327538	<u>F25D 11 /-</u>
<u>C23C 4 /-</u>	2015360243	<u>E04H 17 /-</u>	<u>F03D 13 /-</u>	2016263118	<u>F25D 17 /-</u>
2017314133	<u>D06N 3 /-</u>	2015201898	2017363223	<u>F16H 57 /-</u>	2016357373
<u>C25B 1 /-</u>	2016271554	<u>E04H 3 /-</u>	<u>F03D 80 /-</u>	2017279827	<u>F25D 23 /-</u>
2015326725	<u>D06P 3 /-</u>	2016228286	2019201554	<u>F16J 15 /-</u>	2016408809
<u>C25B 15 /-</u>	2015243916	<u>E06B 7 /-</u>	<u>F03D 9 /-</u>	2015249322	2016408810
2015326725	<u>D07B 1 /-</u>	2018203873	2017398275	<u>F16K 17 /-</u>	<u>F25D 25 /-</u>
<u>C25B 9 /-</u>	2018202595	<u>E06B 9 /-</u>	<u>F03G 7 /-</u>	2016233888	2017409203
2015326725	<u>E02D 5 /-</u>	2017373824	2016405486	<u>F16L 1 /-</u>	<u>F28D 1 /-</u>
<u>C25C 1 /-</u>	2017213662	<u>E06C 7 /-</u>	<u>F04B 1 /-</u>		2018205213
2015252689	<u>E02F 3 /-</u>	2018200896	2016258571	<u>F16L 3 /-</u>	<u>F28F 1 /-</u>
<u>C25C 3 /-</u>	2018201632	<u>E21B 17 /-</u>	<u>F04B 15 /-</u>	2015210415	2018205213
2015291752	2018201726				
	2018201733	2017291178	2016258571	<u>F16L 57 /-</u>	<u>F28F 9 /-</u>
<u>C25C 7 /-</u>	<u>E02F 9 /-</u>	<u>E21B 23 /-</u>	<u>F04B 17 /-</u>		2018205213
2015252689	2018201632	2015316607	2016258571	2016224098	<u>F42B 3 /-</u>
<u>C25D 17 /-</u>	2018201726				
	2018201733	<u>E21B 33 /-</u>	<u>F04B 47 /-</u>	2015280111	2015353393
2015252689	2018334390	2017291178	2016258571		<u>F42D 1 /-</u>
<u>C40B 30 /-</u>	<u>E03B 9 /-</u>	2019201177	<u>F04D 25 /-</u>		2015353393
2017251859	2015210415	<u>E21B 34 /-</u>	2016298637	2014400785	<u>G01C 21 /-</u>
<u>D01D 5 /-</u>	<u>E03C 1 /-</u>	2015316607	2018223216	<u>F16N 11 /-</u>	
	2015210415	2017272226			2014280973
2017245025			<u>F04D 27 /-</u>	2016250783	2018264015
<u>D01F 2 /-</u>	<u>E04B 1 /-</u>	2015325088	2015261544	2016250786	<u>G01D 21 /-</u>
	2018200295	2018201761	<u>F04D 29 /-</u>	2016255520	2015282433
2017245025	<u>E04B 5 /-</u>	<u>E21B 47 /-</u>	2015261545	2016250786	<u>G01D 5 /-</u>
<u>D01F 8 /-</u>	2016366454	2017320736	2016298637		2017375602
2016266265		2019201177	2018223216	<u>F16N 25 /-</u>	
<u>D02G 1 /-</u>	<u>E04C 2 /-</u>		<u>F04D 31 /-</u>	2016255520	<u>G01F 1 /-</u>
	2016366454	<u>E21B 7 /-</u>	2015261544	<u>F16N 29 /-</u>	2014372847
2016266265	<u>E04C 5 /-</u>	2017291178	<u>F15B 1 /-</u>	2016250783	<u>G01F 13 /-</u>
<u>D03D 13 /-</u>	2017213662	<u>F01N 13 /-</u>	2016202937	<u>F16N 7 /-</u>	2018241067
2016359122		2015349598			

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G01F 17 /-	G02B 27 /-	2014300703	2018203420	H02H 7 /-	2016241468
2016306700	2019231697	G06F 9 /-	G07F 17 /-	2017308709	2016286263
G01F 23 /-	G05B 13 /-	2014362192	2015252427	H02J 1 /-	2017339375
2016306700	2015258266	2015241262			
		2016377516	G08B 23 /-	2017308709	2016352211
G01F 25 /-	G05D 1 /-	2017336644			2016374989
2016306700			2018201632	H02J 3 /-	2016379156
		G06K 9 /-			2016382909
2016306700	2017226695	2017332169	G10K 11 /-	2017308709	2017296139
G01G 17 /-	2017404562	2017354183	2017345361	H02J 50 /-	2017335101
2016327051	2018271237	2018201476			2018227365
	2018334390	2018282455	G10L 19 /-	2015315017	2019280105
G01G 19 /-	G05D 16 /-	2019200711		2015315095	H04L 5 /-
2016327051	2015247863	G06N 3 /-	G16H 10 /-	H02J 7 /-	2016241468
G01N 21 /-	G05G 1 /-	2018247323	2018201260	2015258266	2016286263
2015279009	2017327538	G06N 99 /-	H01F 13 /-	H02K 3 /-	H04L 9 /-
2018201476	G05G 5 /-	2015417667	2017262637	2015384380	2015369922
2018204918	2017327538	G06Q 10 /-	H01L 21 /-	H02M 7 /-	2018247246
G01N 29 /-	G06F 1 /-	2014350615	2017204549		H04M 19 /-
2014372847	2018261718	2014351069		2017308709	2016294733
2017345361		2015311906	H01M 8 /-	H02N 2 /-	
G01N 33 /-	G06F 11 /-	2018201911			H04M 3 /-
2014220484	2017336644	G06Q 20 /-	2015297746	2016285894	2016294733
2014318672			2015317970		2017411915
2014330913	G06F 15 /-	2018247246	H01P 3 /-	2016285894	H04N 19 /-
2014337504		G06Q 50 /-	2015315095		
2015204840	2014265060		2015315792	H03K 17 /-	2017317847
2016229372	2017279717	2014223351			2018208733
2016258084		2014350615	H01Q 1 /-	2017308709	2018236767
2016304440	G06F 16 /-	2017239580			2018236768
2017254964	2015254922	2017296139	2015315095	H04B 17 /-	2018236769
2018200207	2016382909	2018201726	2015315792		
2018202375	2018201260	2018201911		2017339375	H04N 21 /-
2018204918			H01Q 13 /-		
G01R 33 /-	G06F 17 /-	G06Q 90 /-		H04B 3 /-	2016409676
		2019200711	2015315792		
2018203954	2014202495			2016294733	H04R 15 /-
2018203988	2017354183	G06T 15 /-	H01Q 9 /-		2018204002
	2018241067				
G01S 15 /-	G06F 21 /-	2017354183	2015315017	2015315095	H04W 12 /-
2018271237	2014347032		2015315792	2017262875	2016351177
G01T 7 /-	2014376259	G06T 17 /-	H01R 12 /-	H04B 7 /-	H04W 24 /-
	2015201095	2017354183	2018326795		
2018202134	2015202373			2016231428	2015329733
	2016335722	G06T 19 /-	H01R 13 /-	2016241468	2017265880
G01V 1 /-	2017332169	2018264015	2018326795	2017339375	
	2018201260			2017353644	H04W 28 /-
2014340456	2018241146	G06T 7 /-	H01R 24 /-	H04L 1 /-	2017353644
2014375214					
2015266532	G06F 3 /-	2015255712	2018326795	2017262875	H04W 4 /-
		2015380475			
G01V 11 /-	2014269244	2016327051	H02G 7 /-	H04L 12 /-	2016351177
	2014318961	2018201476			2017411915
2018241094	2014347032	2018282455	2017304793	2016294733	
	2015241262			2016335722	2018261718
G01V 3 /-	2017332169	G06T 9 /-	H02H 3 /-	2016374989	H04W 56 /-
	2018253484				
2017202468		2016388215	2015263836	2016395951	
2018203954	G06F 7 /-		2017308709	2018241146	2016298501
		G07D 7 /-		H04L 25 /-	
	2014265060				

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H04W 76 /-

2017264182

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H05B 1 /-

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H05B 6 /-

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H05K 1 /-

2015353393

H05K 13 /-

2018202338

Certified Innovation Patents**Name Index**

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

-
- (71) Apple Inc.
 (11) AU-B-2019100594
 (21) 2019100594 (22) 03.06.2019
 (54) Systems and methods for activating and using a trackpad at an electronic device with a touch sensitive display and no force sensors
 (51) Int. Cl.
G06F 3/01 (2006.01)
 (31) 62/679,964 (32) 03.06.18 (33) US
 16/146,000 28.09.18 US
 PA 201870337 11.06.18 DK
 201811143385.1 28.09.18 CN
 (45) 30.01.2020
 (72) MARDEN, Randal J.; ALONSO RUIZ, Marcos; WINER, Morgan H.; MUNRO, Colin D.; CHOWDHURY, Tusi; MAGAHERN, James; ZHENG, Ying
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-B-2019101055
 (21) 2019101055 (22) 13.09.2019
 (54) Optical image stabilization with voice coil motor for moving image sensor
 (51) Int. Cl.
G02B 7/08 (2006.01)
G02B 27/64 (2006.01)
G03B 5/00 (2006.01)
 (45) 30.01.2020
 (62) 2019100453
 (72) BRODIE, Douglas S.; MILLER, Scott W.; HUBERT, Aurelien R.; SHARMA, Shashank; YANG, Qiang
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) ATF Services Pty Ltd
 (11) AU-B-2019100985
 (21) 2019100985 (22) 30.08.2019
 (54) Equipment tower
 (51) Int. Cl.
E04H 12/18 (2006.01)
F21L 4/08 (2006.01)
F21S 9/03 (2006.01)
F21V 21/26 (2006.01)
 (45) 30.01.2020
 (62) 2016275562
 (72) Van Wyk, Jonathan; Redding, Mark
 (74) Cotters Patent & Trade Mark Attorneys
-
- (71) CSR Building Products Limited
 (11) AU-B-2019101382
 (21) 2019101382 (22) 11.11.2019
 (54) Formwork System
 (51) Int. Cl.
E04G 17/00 (2006.01)
E04B 1/38 (2006.01)
E04B 2/84 (2006.01)
E04G 11/00 (2006.01)

Numerical Index

2019100594 Apple Inc.
2019100985 ATF Services Pty Ltd
2019101055 Apple Inc.
2019101377 Maxsun (Dalian) Co., Ltd
2019101382 CSR Building Products Limited

IPC Index**E04B 1 /-**

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E04G 11 /-

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F21L 4 /-

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F21S 9 /-

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G02B 27 /-

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G02B 7 /-

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G03B 5 /-

2019101055

G06F 3 /-

2019100594

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2014218407	Britax Childcare Pty Ltd (Dorel Australia Pty Ltd)
2014404463	Markisol Holding AB (Doherty, G.)
2018101203	R F INDUSTRIES PTY LIMITED (Mine Site Technologies Pty Ltd)
2018231941	Bus IP Holdings Pty Ltd (Enduroco Pty Ltd)

Patents Granted**Standard Patents**

2012395641	2013257430	2013337951	2013352568
2014202062	2014202578	2014203372	2014206502
2014209998	2014212834	2014221336	2014236140
2014246723	2014253050	2014253051	2014255759
2014259719	2014261497	2014265275	2014273471
2014274890	2014277262	2014278835	2014280235
2014283619	2014284304	2014290367	2014302560
2014306758	2014309394	2014314265	2014315443
2014318540	2014319960	2014321129	2014327346
2014330977	2014332214	2014344789	2014346306
2014349155	2014351802	2014352015	2014352846
2014353050	2014353729	2014357450	2014358675
2014363243	2014365821	2014366257	2014372690
2014376197	2014377106	2014378631	2015200011
2015202227	2015202967	2015203653	2015203837
2015207358	2015207464	2015208697	2015209133
2015214400	2015218864	2015221523	2015222912
2015225569	2015225859	2015226781	2015228755
2015231170	2015235782	2015238929	2015241107
2015243877	2015244399	2015245530	2015246577
2015250120	2015252164	2015252166	2015252654
2015254843	2015257964	2015259608	2015263906
2015265849	2015266818	2015267334	2015268995
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2015304087	2015305032	2015305322	2015308424
2015312008	2015312010	2015312303	2015312310
2015314292	2015315039	2015315140	2015317532
2015317715	2015318702	2015320378	2015321376
2015323511	2015324033	2015324083	2015324292
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2015335367	2015335783	2015338159	2015339355
2015341563	2015341596	2015342790	2015343491
2015343492	2015343949	2015345611	2015345613
2015349936	2015355612	2015357525	2015358448
2015366444	2015366447	2015367616	2015371824
2015382316	2015384982	2015394401	2015414953
2016202698	2016206933	2016208495	2016217116
2016217617	2016217824	2016218269	2016220533
2016221435	2016227080	2016228004	2016231185
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2016244827	2016246359	2016247472	2016248559
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2016261924	2016262092	2016268130	2016269758
2016274617	2016282790	2016284878	2016285195
2016295943	2016296261	2016298227	2016301113
2016303866	2016304879	2016312798	2016313439
2016321314	2016327857	2016333221	2016333955
2016334448	2016336235	2016339129	2016339367
2016340470	2016343855	2016346797	2016348816
2016355266	2016355627	2016357211	2016358285

Patents Granted**Standard Patents**

2016358286	2016363764	2016366191	2016366239
2016367166	2016372755	2016374702	2016376176
2016378291	2016382945	2016385211	2016391017
2016394560	2016401692	2016402132	2016403450
2016403463	2016406376	2016407391	2016416435
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2017208922	2017214133	2017216403	2017216533
2017216546	2017216597	2017217654	2017218300
2017221707	2017221796	2017226209	2017227323
2017228427	2017232145	2017232176	2017232179
2017232181	2017232476	2017235983	2017236043
2017236046	2017236576	2017239506	2017239890
2017241865	2017248459	2017248486	2017249694
2017251769	2017251794	2017254871	2017255549
2017257393	2017257882	2017258880	2017261050
2017261146	2017261537	2017261541	2017261581
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2017269595	2017269805	2017269985	2017271083
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2017276457	2017278547	2017279700	2017279780
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2017315219	2017315776	2017317004	2017322741
2017327625	2017329432	2017330127	2017330139
2017333829	2017347309	2017349539	2017349542
2017353265	2017357352	2017358559	2017358570
2017359100	2017365413	2017372694	2017372699
2017373404	2017381677	2017383372	2017384696
2017390166	2017396650	2017409830	2017414139
2018200107	2018200222	2018200237	2018200351
2018200405	2018200502	2018200603	2018200662
2018200776	2018200815	2018201335	2018201475
2018201826	2018201847	2018201948	2018201970
2018202103	2018202351	2018202366	2018202389
2018202411	2018202428	2018202453	2018203171
2018203196	2018203802	2018204072	2018204328
2018204346	2018204427	2018204430	2018205139
2018206774	2018208727	2018211231	2018214474
2018217926	2018220008	2018226522	2018229514
2018229541	2018236738	2018236820	2018236903
2018241105	2018241181	2018264650	2018267535
2018267562	2018267585	2018282336	2018282367
2018284723	2018330959	2018347008	2018358934
2018359124	2018378010	2019200623	2019200760
2019200762	2019201691	2019201839	2019202294
2019202347	2019202591	2019213398	2019226143

Innovation Patents

2015101979	2019101187	2019101190	2019101462
2019101510	2019101555		

Offer to Surrender

It is hereby notified that **Sanofi 54 rue la Boetie , F-75008 Paris** , the Patentee of Patent 2014295098 dated 24.10.2019 for an invention titled ' Anti-tuberculosis stable pharmaceutical composition in a form of a coated tablet comprising granules of isoniazid and granules of rifapentine and its process of preparation' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Sanofi 54 rue la Boetie , F-75008 Paris** , the Patentee of Patent 2014295099 dated 24.10.2019 for an invention titled ' Anti-tuberculosis stable pharmaceutical composition in a form of

Offer to Surrender

a dispersible tablet comprising granules of isoniazid and granules of rifapentine and its process of preparation' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Revocation

It is hereby notified that the offer by the Patentee **Fresenius Kabi Deutschland GmbH** to surrender Patent 2015263246 which was advertised in the Official Journal of 05.12.2019 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Joy Global Surface Mining Inc** to surrender Patent 2013209300 which was advertised in the Official Journal of 28.11.2019 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Joy Global Surface Mining Inc** to surrender Patent 2016200521 which was advertised in the Official Journal of 28.11.2019 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2001276148 Siemens Transportation Systems GmbH & Co KG The patent has been assigned to **Siemens Mobility Austria GmbH**

2003298407 Societe d'Exploitation des Procedes Marechal (SEPM) The patent has been assigned to **Marechal Electric**

2004202086 Societe d'Exploitation des Procedes Marechal (SEPM) The patent has been assigned to **Marechal Electric**

2004222663 Siemens Transportation Systems GmbH & Co KG The patent has been assigned to **Siemens Mobility Austria GmbH**

2004278892 Waterleaf Limited The patent has been assigned to **Fusion Holdings Limited**

2005233302 Vereniging voor Christelijk Hoger Onderwijs, Wetenschappelijk Onderzoek en Patientenzorg The patent has been assigned to **Stichting VUmc**

2005242715 Rent A Toll, Ltd. The patent has been assigned to **ATS Tolling LLC**

2006299815 Rent-A-Toll, Ltd. The patent has been assigned to **ATS Tolling LLC**

2007205090 Rent A Toll, Ltd. The patent has been assigned to **ATS Tolling LLC**

2007282065 Sebela International Limited The patent has been assigned to **Sebela Ireland Limited**

2007331365 Societe d'Exploitation des Procedes Marechal (SEPM) The patent has been assigned to **Marechal Electric**

2008242160 Plastmed Ltd. The patent has been assigned to **Equashield Medical Ltd**

2008262090 Rent A Toll, Ltd. The patent has been assigned to **ATS Tolling LLC**

2009230769 Osmotion Pty Ltd The patent has been assigned to **Vix Resources Pty Ltd**

2009272585 Societe d'Exploitation des Procedes Marechal (SEPM) The patent has been assigned to **Marechal Electric**

Assignments Registered

2009318036 Chevalier Collection, Ltd. The patent has been assigned to **Chevalier Holdings LLC**

2010206482 Craze, Matthew; Fearman, Andrew The patent has been assigned to **Fearman, Andrew**

2010268666 Apotex Technologies Inc. The patent has been assigned to **Apotex Inc.**

2010314930 Biomerics, LLC The patent has been assigned to **Stratus Medical, LLC**

2011256709 Biomerics, LLC The patent has been assigned to **Stratus Medical, LLC**

2011280059 Knowflame, Inc. The patent has been assigned to **Tyco Fire Products LP**

2012241879 DynaEnergetics GmbH & Co. KG The patent has been assigned to **DynaEnergetics Europe GmbH**

2013101208 Strac Inc. The patent has been assigned to **NETCRYPT PTY LTD**

2013200393 Plastmed Ltd. The patent has been assigned to **Equashield Medical Ltd**

2013224706 Preciosa Gulf, FZCO The patent has been assigned to **VINOLOK, a.s.**

2013296195 Calhoun, Michael; Franco, Jeff; J.D. Franco & Company The patent has been assigned to **J.D. Franco & Co., LLC**

2013357165 Societe d'exploitation des Procedes Marechal The patent has been assigned to **Marechal Electric**

2014344307 Lifetech Scientific (shenzhen) Co., Ltd The patent has been assigned to **BIOTYX MEDICAL (SHENZHEN) CO., LTD**

2014344308 Lifetech Scientific (shenzhen) Co., Ltd The patent has been assigned to **BIOTYX MEDICAL (SHENZHEN) CO., LTD**

2015222700 Biomet Manufacturing, LLC The patent has been assigned to **Verstrekken, Frederik**

2015261694 Biomerics, LLC The patent has been assigned to **Stratus Medical, LLC**

2016250506 Uber Technologies, Inc. The patent has been assigned to **UATC, LLC**

2016393890 Uber Technologies, Inc. The patent has been assigned to **UATC, LLC**

2018102033 Xie, Xiaodong The patent has been assigned to **Gansu Health Gene Biotechnology Co., Ltd.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2011323426 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 16 Jul 2019

For the goods SKYRIZI risankizumab

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016273970 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 16 Jul 2019

For the goods SKYRIZI risankizumab

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Corrigenda

In Vol 31 , No 10 , Page(s) 1557 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Seepex GmbH, Application No. 2015311228, Under INID (72) add co-inventor Harking, Julian

In Vol 32 , No 36 , Page(s) 5097 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Dropbox, Inc., Application No 2017253679, under INID (72) correct the co-inventor to Mendiola, Ian

In Vol 33 , No 33 , Page(s) 4791 under the heading **Applications Accepted - Name Index** Under the name Dropbox, Inc., Application No 2017253679, under INID (72) correct the co-inventor to Mendiola, Ian

In Vol 33 , No 45 , Page(s) 6333 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015391040.

In Vol 34 , No 1 , Page(s) 56 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Asahi Kasei Medical Co., Ltd., Application No. 2018284707, under INID (72) correct the co-inventor to Yokoyama, Yoshiro

In Vol 34 , No 2 , Page(s) 228 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Black Belt Therapeutics Ltd, Application No. 2018280871, under INID (72) correct the co-inventor to GOYENECHEA CORZO, Beatriz

In Vol 34 , No 2 , Page(s) 241 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Erasmus University Medical Center Rotterdam (Erasmus MC), Application No. 2018285351, under INID (71) correct the applicant name to Erasmus University Medical Center Rotterdam

In Vol 34 , No 3 , Page(s) 454 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huawei Technologies Co., Ltd., Application No. 2018294206, Under INID (72) add co-inventor ESENLIK, Semih

In Vol 34 , No 3 , Page(s) 456 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Klein Holding B.V., ; Petrus Franciscus Klien, Application No. 2018297059, under INID (71) correct the co-applicant name to Petrus Franciscus Klein

Specifications Republished

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

2014312292	ClearStream Technologies Limited
2015200905	Intuit Inc.
2015296030	The Coca-Cola Company
2016282790	Neurocrine Biosciences, Inc.
2016418252	Soochow University
2017270580	Allergan, Inc.
2019101345	B&D Australia Pty Ltd