



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</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

(10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

(20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Seed Terminator Holdings Pty Ltd v Dean Mayerle [2020] APO 52

Patent Applications: 2017228663, 2018208622, 2018208623, 2018208625

Title: Weed Seed Destruction

Patent Applicant: Dean Mayerle

Opponent: Seed Terminator Holdings Pty Ltd

Delegate: M. G. Kraefft

Decision Date: 16 December 2020

Hearing Dates: 22 - 25 June 2020; further submissions and evidence filed 5 August 2020, final submissions completed 2 September 2020.

Catchwords: **PATENTS** – section 59 – oppositions to grant of patent – weed seed destructor on combine harvester – whether applicant not entitled to grant of patents, or only jointly entitled with opponent – whether there is inventive step – whether specifications complied with subsection 40(2) or 40(3) – oppositions unsuccessful on all points raised by opponent under above grounds – non-compliance with subsection 40(2) or 40(3) on other points – regulation 5.23 – opportunity to amend under section 104 allowed.

Representation: Counsel for the applicant: Mr Julian Cooke and Ms Catherine Bembrick.
Patent attorneys for the applicant: Mr Matthew Lord, IP Gateway Patent and Trade Mark Attorneys.
Mr Adrian Battison, Canadian patent attorney.

Counsel for the opponent: Mr Benjamin Fitzpatrick.
Patent attorneys for the opponent: Mr Stefan Paterson and Mr Tony Mizzi, Griffith Hack.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2020] APO 54

Patent Application: 2016253640

Title: Wear assembly

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Xavier Gisz

Decision Date: 16 December 2020

Hearing Date: 17 November 2020, in Video Conference

Catchwords: **PATENTS** – section 59 - final determination - the amendment does not overcome the grounds of opposition of support - further opportunity provided to amend – costs awarded

Representation: Counsel for the applicant: Tom Cordiner
Patent attorney for the applicant: Rebecca Dutkowski and Shyama Jayaswal of MinterEllison and Wayne McMaster
Counsel for the opponent: Chris Burgess
Patent attorney for the opponent: Fraser Smith of Spruson & Ferguson

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CCL Secure Pty Ltd v De La Rue International Limited [2020] APO 56

Patent Application: 2014266991

Title: Security documents and methods of manufacture

Patent Applicant: De La Rue International Limited

Opponent: CCL Secure Pty Ltd

Delegate: Xavier Gisz

Decision Date: 21 December 2020

Hearing Date: 26 May 2020, via Video Conference, with further submissions filed on 23 September 2020 and 30 September 2020

Catchwords: **PATENTS** - opposition to the grant of the patent under s 59 – opposed on the basis of inventive step and clarity – information considered under Regulation 5.23 – claims 1-6 and 8 lack an inventive step – costs awarded – variation of costs made

Representation: Counsel for the applicant: Frances St John
Counsel for the opponent: Craig Smith
Patent attorney for the opponent: Ian Lindsay and Cici Cui

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 15 Dec 2020 .

(71) Ability Innovations Pty Ltd (21) 2020904563 (22) 09.12.2020 (54) Sanitiser Dispenser	(71) BIOTECH INTELLECTUAL HOLDINGS LTD (21) 2020904571 (22) 09.12.2020 (54) PREPARATION OF MDMA, DIFFERENT ENANTIOMERS, POLYMORPHS, INTERMEDIATES, FORMULATIONS AND THEIR USE	(71) Commonwealth Scientific and Industrial Research Organisation; The Boeing Company (21) 2020904498 (22) 04.12.2020 (54) Secure data connections in low data rate networks
(71) AMES Australasia Pty Ltd (21) 2020904557 (22) 09.12.2020 (54) Clothesline System	(71) Bradken Resources Pty Limited (21) 2020904539 (22) 08.12.2020 (54) GROUND ENGAGING TOOL AND SYSTEM	(71) Damm, N. (21) 2020904555 (22) 08.12.2020 (54) METHOD AND SYSTEM FOR TRANSFORMATION AND GENERATION OF MAP DATA
(71) Ang, K. (21) 2020904511 (22) 05.12.2020 (54) Yoga mat carrier	Bulich, J. see Grant, J. (21) 2020904506	Dry, R. see The University of Melbourne (21) 2020904569
(71) Aquilina, D.M.C. (21) 2020904533 (22) 08.12.2020 (54) SOAKER DEVICE	(71) Butterworth, D. (21) 2020904561 (22) 09.12.2020 (54) Slicer Jig Apparatus for Slicing Meat	Dry, M. see The University of Melbourne (21) 2020904569
(71) Australia National Power Storage Holding Pty Ltd (21) 2020904499 (22) 04.12.2020 (54) A CASE FOR BATTERY AND A LITHIUM ION BATTERY INCLUDING THE SAME	(71) CALLEN HOLDINGS PTY LIMITED (21) 2020904549 (22) 08.12.2020 (54) Inverter Assembly & Electrical Protection Arrangement therefor	(71) EDA Australasia (21) 2020904560 (22) 09.12.2020 (54) Multi Use Antibacterial Handle
(71) Australian World Trading Pty Ltd (21) 2020904521 (22) 07.12.2020 (54) ATOMICALLY PROCESSING OBLIGATION PAYMENTS FOR TRANSACTIONS IN REAL	(71) Chu, A. (21) 2020904545 (22) 08.12.2020 (54) Building construction	(71) EKK Holdings Pty Ltd (21) 2020904570 (22) 09.12.2020 (54) A GUARD RAIL ASSEMBLY AND METHOD OF USE THEREOF
(71) Bestview Investments Pty Ltd (21) 2020904562 (22) 09.12.2020 (54) Toilet Brush	(71) Clayton, A. (21) 2020904541 (22) 08.12.2020 (54) Canecrete Solutions	(71) Gardner, A. (21) 2020904534 (22) 08.12.2020 (54) Household waste and recycling system and method.
Bilalis, A. see May, N. (21) 2020904552	(71) Clean Seas Seafood Limited (21) 2020904559 (22) 09.12.2020 (54) SOLID DOSAGE FORMS FOR AQUACULTURE	(71) GENDALA, M. (21) 2020904566 (22) 04.12.2020 (54) ECONOMIC REVIVAL INITIATIVE
		(71) GlassFit Australia Pty Ltd (21) 2020904546 (22) 08.12.2020 (54) AN ELECTRICALLY INSULATED SPIGOT

Provisional Applications Filed - Name Index cont'd

(71) Grant, J.; Bulich, J.
(21) 2020904506 (22) 04.12.2020
(54) Pool lane subdivider

(71) KNEEBONE, L.
(21) 2020904551 (22) 08.12.2020
(54) Skirting arrangement and method

(71) Saban Ventures Pty Limited
(21) 2020904516 (22) 07.12.2020
(54) Environmental decontamination

(71) Grigio Enterprises Pty Ltd
(21) 2020904565 (22) 09.12.2020
(54) SYSTEM, DEVICE AND METHOD FOR PRESSURISING A CONTAINER

(71) Koala Sleep Pty. Ltd.
(21) 2020904540 (22) 08.12.2020
(54) Mattress assembly

(71) Scarpa, A.
(21) 2020904543 (22) 08.12.2020
(54) Halo Retail Experiences

(71) HARMAN, J.
(21) 2020904554 (22) 08.12.2020
(54) Gas Absorption System

(71) Loggo IP Pty Ltd
(21) 2020904507 (22) 04.12.2020
(54) TWIST DRILL FOR SHALLOW ANGLE DRILLING

(71) Servatus Ltd
(21) 2020904572 (22) 09.12.2020
(54) Combination therapy for inflammatory bowel disease

(71) HARRIS, L.; WOOD, J.
(21) 2020904583 (22) 10.12.2020
(54) PROTECTED DEOXYDIDEHYDRO-NUCLEOSIDES

(71) May, N.; Bilalis, A.
(21) 2020904552 (22) 08.12.2020
(54) A Method for Electronically Documenting a Will

(71) Shipping Container Stands - Australia Pty Ltd
(21) 2020904519 (22) 07.12.2020
(54) IMPROVEMENTS IN OR IN RELATION TO STANDS

(71) Hendry, C.
(21) 2020904610 (22) 11.12.2020
(54) Improved refrigerator

(71) MINETOMETAL PTY LTD
(21) 2020904522 (22) 07.12.2020
(54) Zinc Oxide From Sulphide Ore

(71) Simmons Logistics Pty Ltd
(21) 2020904548 (22) 08.12.2020
(54) A PIPE FRAME FOR HOLDING A PLURALITY OF PIPES AND A PIPE CRATE

(71) HiSmile Pty Ltd
(21) 2020904547 (22) 08.12.2020
(54) Teeth Whitening Device

(71) MINETOMETAL PTY LTD
(21) 2020904524 (22) 07.12.2020
(54) Hydrometallurgical Zinc Oxide Production

(71) Soapii Pty Ltd
(21) 2020904527 (22) 07.12.2020
(54) A DISPENSER UNIT CONFIGURED TO MONITOR AND REPORT ON ASSOCIATED ACTIVITIES

(71) Horth, B.
(21) 2020904535 (22) 08.12.2020
(54) HempSim

(71) MINETOMETAL PTY LTD
(21) 2020904525 (22) 07.12.2020
(54) Producing Specialty Zinc Chemicals

(71) Sobahy, T.
(21) 2020904513 (22) 06.12.2020
(54) Somatic Genetic Variants Clinical Classifier for Cancer (SVCCC)

(71) immVirX Pty Ltd
(21) 2020904485 (22) 04.12.2020
(54) Oncolytic Viruses as Therapeutic Agents for Treating Cancer

(71) Monaghan, S.J.
(21) 2020904536 (22) 08.12.2020
(54) In Together

(71) Solac Drying Pty Ltd
(21) 2020904666 (22) 15.12.2020
(54) System and method for dehydrating a drying kiln

(71) immVirX Pty Ltd
(21) 2020904486 (22) 04.12.2020
(54) Oncolytic Viruses as Therapeutic Agents for Treating Cancer

(71) PATIL, N.
(21) 2020904510 (22) 05.12.2020
(54) Bushfire and Flood Safe home

(71) Staar Board Holdings Pty Ltd
(21) 2020904528 (22) 07.12.2020
(54) A geopolymer composition, coating and article formed using same

(71) Imtrade Australia Pty Ltd
(21) 2020904523 (22) 07.12.2020
(54) Pesticide formulation comprising etoxazole

(71) Perron Institute for Neurological and Translational Science Limited
(21) 2020904531 (22) 07.12.2020
(54) TREATMENT FOR TARDBP ASSOCIATED DISEASE

(71) stevens, d.
(21) 2020904514 (22) 06.12.2020
(54) Native Australian stingless sugar bag bee honey extractor

(71) Infinity Retractable Screens Pty Ltd
(21) 2020904530 (22) 07.12.2020
(54) A RETRACTABLE SCREEN ASSEMBLY

(71) Pongrass, R.
(21) 2020904529 (22) 07.12.2020
(54) Carpet identification system

(71) Stevenson, C.
(21) 2020904512 (22) 05.12.2020
(54) Beer Swat A stainless steel fly sieve for removing flies from your drink.

(71) James Cook University
(21) 2020904544 (22) 08.12.2020
(54) Peptides and uses thereof

(71) Price, R.
(21) 2020904520 (22) 07.12.2020
(54) Varicose vein treatment techniques

(71) Swinburne University of Technology
(21) 2020904526 (22) 07.12.2020
(54) ANIMAL MODEL

(71) Keelan, B.
(21) 2020904542 (22) 08.12.2020
(54) (re)purpose

(71) Punchbowl Packaging Limited
(21) 2020904564 (22) 09.12.2020
(54) An Improved Packaging, Packaged Product and Process

Provisional Applications Filed - Name Index cont'd

The Boeing Company see Commonwealth Scientific and Industrial Research Organisation

(21) 2020904498

(71) The University of Melbourne; Dry, R.;
Dry, M.

(21) 2020904569 (22) 09.12.2020

(54) ELECTROLYSIS OF CARBON DIOX-
IDE TO SOLID CARBON USING A LI-
QUID METAL CATHODE

Torres, A. see Torres, A.

(21) 2020904538

(71) Torres, A.; Torres, A.

(21) 2020904538 (22) 08.12.2020

(54) An Ovicidal composition comprising of
Decamethylcyclopentasiloxane as the
active ingredient in the formulation

(71) Trihey, A.

(21) 2020904568 (22) 09.12.2020

(54) Dry Solar Heat Collector and Distribu-
tion System

(71) Tuyau, M.

(21) 2020904553 (22) 08.12.2020

(54) The Bolt Fire Box

(71) Varden Process Pty Ltd

(21) 2020904558 (22) 09.12.2020

(54) A Barrier System

(71) Velican, Z.

(21) 2020904515 (22) 07.12.2020

(54) A Hybrid Loudspeaker

(71) Webb, D.J.

(21) 2020904537 (22) 08.12.2020

(54) Opti-Farm Harvesting Solutions

WOOD, J. see HARRIS, L.

(21) 2020904583

(71) Work Air Technologies Pty Ltd

(21) 2020904508 (22) 04.12.2020

(54) FIELD TELEMETRY SYSTEM FOR AN
ENVIRONMENTAL CONTROL CABIN

(71) YEUNG, T.W.F.

(21) 2020904532 (22) 07.12.2020

(54) Data communication device

Numerical Index

2020904485	immVirX Pty Ltd	2020904610	Hendry, C.
2020904486	immVirX Pty Ltd	2020904666	Solac Drying Pty Ltd
2020904498	Commonwealth Scientific and Industrial Research Organisation; The Boeing Company		
2020904499	Australia National Power Storage Holding Pty Ltd		
2020904506	Grant, J.; Bulich, J.		
2020904507	Loggo IP Pty Ltd		
2020904508	Work Air Technologies Pty Ltd		
2020904510	PATIL, N.		
2020904511	Ang, K.		
2020904512	Stevenson, C.		
2020904513	Sobahy, T.		
2020904514	stevens, d.		
2020904515	Velican, Z.		
2020904516	Saban Ventures Pty Limited		
2020904519	Shipping Container Stands - Australia Pty Ltd		
2020904520	Price, R.		
2020904521	Australian World Trading Pty Ltd		
2020904522	MINETOMETAL PTY LTD		
2020904523	Imtrade Australia Pty Ltd		
2020904524	MINETOMETAL PTY LTD		
2020904525	MINETOMETAL PTY LTD		
2020904526	Swinburne University of Technology		
2020904527	Soapii Pty Ltd		
2020904528	Staar Board Holdings Pty Ltd		
2020904529	Pongrass, R.		
2020904530	Infinity Retractable Screens Pty Ltd		
2020904531	Perron Institute for Neurological and Translational Science Limited		
2020904532	YEUNG, T.W.F.		
2020904533	Aquilina, D.M.C.		
2020904534	Gardner, A.		
2020904535	Horth, B.		
2020904536	Monaghan, S.J.		
2020904537	Webb, D.J.		
2020904538	Torres, A.; Torres, A.		
2020904539	Bradken Resources Pty Limited		
2020904540	Koala Sleep Pty. Ltd.		
2020904541	Clayton, A.		
2020904542	Keelan, B.		
2020904543	Scarpa, A.		
2020904544	James Cook University		
2020904545	Chu, A.		
2020904546	GlassFit Australia Pty Ltd		
2020904547	HiSmile Pty Ltd		
2020904548	Simmons Logistics Pty Ltd		
2020904549	CALLEN HOLDINGS PTY LIMITED		
2020904551	KNEEBONE, L.		
2020904552	May, N.; Bilalis, A.		
2020904553	Tuyau, M.		
2020904554	HARMAN, J.		
2020904555	Damm, N.		
2020904557	AMES Australasia Pty Ltd		
2020904558	Varden Process Pty Ltd		
2020904559	Clean Seas Seafood Limited		
2020904560	EDA Australasia		
2020904561	Butterworth, D.		
2020904562	Bestview Investments Pty Ltd		
2020904563	Ability Innovations Pty Ltd		
2020904564	Punchbowl Packaging Limited		
2020904565	Grigio Enterprises Pty Ltd		
2020904566	GENDALA, M.		
2020904568	Trihey, A.		
2020904569	The University of Melbourne; Dry, R.; Dry, M.		
2020904570	EKK Holdings Pty Ltd		
2020904571	BIOTECH INTELLECTUAL HOLDINGS LTD		
2020904572	Servatus Ltd		
2020904583	HARRIS, L.; WOOD, J.		

Complete Applications Filed

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. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) Acceleron Pharma, Inc. (21) 2020286229 (22) 09.12.2020 (54) Methods and compositions for treating ineffective erythropoiesis (62) 2018247262</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2020281136 (22) 04.12.2020 (54) ALK7:ActRIIB heteromultimers and uses thereof (62) 2016246708</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2020281149 (22) 04.12.2020 (54) ADAPTIVE USER AUTHENTICATION (31) 62/945,712 (32) 09.12.19 (33) US 17/105,281 25.11.20 US</p> <hr/> <p>ADLOFF, L. see CARLSON, L. (21) 2020286247</p> <hr/> <p>(71) Advanced New Technologies Co., Ltd. (21) 2020286250 (22) 09.12.2020 (54) Asset transfer method and apparatus, and electronic device (62) 2019203952</p> <hr/> <p>(71) Ainsworth Game Technology Limited (21) 2020286277 (22) 10.12.2020 (54) A gaming machine and method (62) 2016202450</p> <hr/> <p>(71) Anlylam Pharmaceuticals, Inc. (21) 2020286218 (22) 08.12.2020 (54) Serpina1 iRNA compositions and methods of use thereof (62) 2014268509</p> <hr/> <p>(71) Alphapointe; The Government of the United States as represented by The Secretary of the Army (21) 2020286253 (22) 09.12.2020 (54) A mechanical tourniquet apparatus and method of use (62) 2018217338</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020281171 (22) 06.12.2020 (54) TABLE GAME SYSTEM (62) 2018236860</p>	<hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020286249 (22) 09.12.2020 (54) Rolling encoding schema for RFID tags (31) 2019-225452 (32) 13.12.19 (33) JP</p> <hr/> <p>(71) Apple Inc. (21) 2020286231 (22) 09.12.2020 (54) Sending drawing data via contact list (62) 2020220199</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2020281166 (22) 04.12.2020 (54) PREPARATION AND INSTALLATION OF GAMING DEVICES USING BLOCKCHAIN (31) 62/943,463 (32) 04.12.19 (33) US 16/902,186 15.06.20 US</p> <hr/> <p>(71) Ateliers Busch SA (21) 2020281134 (22) 04.12.2020 (54) VACUUM PUMP WITH FILTERING ELEMENT (62) 2016363589</p> <hr/> <p>(71) ATHENA PHARMACEUTIQUES SAS (21) 2020286220 (22) 08.12.2020 (54) AN ORALLY DISINTEGRATING PHARMACUTICAL COMPOSITION COMPRISING NEFOPAM AND PROCESS FOR PREPARING THE SAME (31) 202011002685 (32) 21.01.20 (33) IN</p> <hr/> <p>(71) Auzfresh Holdings Pty Ltd (21) 2020286288 (22) 10.12.2020 (54) AN APPARATUS AND A METHOD FOR SECURING A CLOSURE TO AN OPEN CONTAINER</p> <hr/> <p>(71) B.H. Mayer's Kunstpräganstalt GmbH (21) 2020286240 (22) 09.12.2020 (54) Coin or medal (31) 10 2019 133 806.9 (32) 10.12.19 (33) EP</p> <hr/> <p>(71) Biomedical Enterprises, Inc. (21) 2020281141 (22) 04.12.2020 (54) Elastic orthopedic implant and method of manufacture thereof (62) 2016315962</p> <hr/> <p>(71) Brian Investments Pty Ltd (21) 2020286179 (22) 07.12.2020</p>	<hr/> <p>(54) AN ANCHOR SYSTEM (31) 2019904779 (32) 17.12.19 (33) AU</p> <hr/> <p>(71) Brian Investments Pty Ltd (21) 2020286180 (22) 07.12.2020 (54) A DUAL THREAD FASTENER ASSEMBLY (31) 2020900090 (32) 13.01.20 (33) AU</p> <hr/> <p>(71) Calithera BioSciences, Inc. (21) 2020286278 (22) 10.12.2020 (54) Compositions and methods for inhibiting arginase activity (62) 2016343656</p> <hr/> <p>(71) CareFusion 303, Inc. (21) 2020286192 (22) 08.12.2020 (54) Closed male luer device for use with needleless access devices (62) 2016289463</p> <hr/> <p>(71) CareFusion 303, Inc. (21) 2020286193 (22) 08.12.2020 (54) Priming device (62) 2016325333</p> <hr/> <p>(71) CARLSON, L.; ADLOFF, L.; HOEL, T.; WURZBURGER, S. (21) 2020286247 (22) 09.12.2020 (54) Stable basic electrolyte material and solvent material containing same (62) 2016263581</p> <hr/> <p>(71) Charak LLC (21) 2020286223 (22) 09.12.2020 (54) Methods of treating iron deficiency with soluble ferric pyrophosphate (62) 2018278891</p> <hr/> <p>(71) China University of Mining and Technology (21) 2020286274 (22) 10.12.2020 (54) AQUIFER CONNECTION METHOD FOR INNER DUMP IN OPEN-PIT MINE (31) 2019112917673 (32) 16.12.19 (33) CN</p> <hr/> <p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020281143 (22) 04.12.2020 (54) Creating super-resolution images</p>
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(21) 2020281156 (22) 04.12.2020
(54) Tissue resecting instrument
(31) 16/704,094 (32) 05.12.19 (33) US

(71) Covidien LP
(21) 2020286238 (22) 09.12.2020
(54) Surgical device with incorporated tissue extraction
(62) 2015364676

(71) Craig, T.
(21) 2020281168 (22) 05.12.2020
(54) An improved toy hauler trailer
(31) 2019904680 (32) 11.12.19 (33) AU

(71) CROWN EQUIPMENT CORPORATION
(21) 2020286257 (22) 09.12.2020
(54) Multi-field scanning tools in materials handling vehicles
(62) 2017315458

CytomX Therapeutics, Inc. see The Regents of the University of California
(21) 2020281135

(71) Dana-Farber Cancer Institute, Inc.
(21) 2020286224 (22) 09.12.2020
(54) BIVALENT BROMODOMAIN INHIBITORS AND USES THEREOF
(62) 2016361478

(71) Dansons US, LLC
(21) 2020286190 (22) 08.12.2020
(54) Removable ash clean out assembly
(31) 16/709,456 (32) 10.12.19 (33) US

(71) Dansons US, LLC.
(21) 2020286227 (22) 09.12.2020
(54) Indirect air flow system
(31) 16/709,543 (32) 10.12.19 (33) US

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(21) 2020281138 (22) 04.12.2020
(54) Implement hitch system for vertical load transfer
(31) 16/736,038 (32) 07.01.20 (33) US

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(31) 16/736,035 (32) 07.01.20 (33) US

(71) Designworks Defence Systems Pty Ltd
(21) 2020286175 (22) 07.12.2020
(54) Operational mode sensing switch system and multi-orientated mounting sys-

tem for a helmet mounted night vision device
(31) 2020903296 (32) 15.09.20 (33) AU
(62) PCT/AU2019/050947

(71) Dexcom, Inc.
(21) 2020286275 (22) 10.12.2020
(54) Continuous glucose monitor communication with multiple display devices
(62) 2018260873

(71) Eagle Technology, LLC
(21) 2020286201 (22) 08.12.2020
(54) SYSTEM AND METHOD FOR OPTIMIZING INTERMODULATION PERFORMANCE OF RECEIVERS
(31) 2016/737,582 (32) 08.01.20 (33) US

(71) Elysium Health, Inc.
(21) 2020286208 (22) 08.12.2020
(54) Nicotinamide riboside and pterostilbene compositions and methods for treatment of skin disorders
(62) 2016274126

(71) Emulate, Inc.
(21) 2020286174 (22) 07.12.2020
(54) Perfusion manifold assembly
(62) 2019272039

(71) Equinox Ophthalmic, Inc.
(21) 2020286245 (22) 09.12.2020
(54) Apparatus and methods to detect a characteristic associated with a patient eye
(62) 2019202196

(71) ESAB AB
(21) 2020286241 (22) 09.12.2020
(54) Arc stop
(62) 2017318643

(71) Expedia, Inc.
(21) 2020286214 (22) 08.12.2020
(54) Persona for opaque travel item selection
(62) 2015363202

(71) Fasteners for Retail, Inc.
(21) 2020281152 (22) 04.12.2020
(54) Actuator with locking mechanism
(31) 16/743,687 (32) 15.01.20 (33) US

(71) Fertility Lab Sciences, LLC
(21) 2020286226 (22) 09.12.2020
(54) SECRETOME PROFILE-FACILITATED IN VITRO FERTILIZATION
(62) 2018203151

(71) Fisher & Paykel Healthcare Limited
(21) 2020286236 (22) 09.12.2020

(54) PATIENT INTERFACE
(62) 2015347003

(71) Fox Guard IP Pty Ltd
(21) 2020286279 (22) 10.12.2020
(54) GOODS PROTECTION LABEL THAT MAY BE SECURED TO A PRODUCT
(62) PCT/HU2019/000030

(71) Frank's International, LLC
(21) 2020281153 (22) 04.12.2020
(54) Coating system for tubular gripping components
(62) 2019201428

(71) FRESENIUS KABI DEUTSCHLAND GMBH
(21) 2020286276 (22) 10.12.2020
(54) Liquid pharmaceutical composition
(62) 2020204269

(71) Fresenius Medical Care Holdings, Inc.
(21) 2020286194 (22) 08.12.2020
(54) Closed loop dialysis treatment using adaptive ultrafiltration rates
(62) 2018396052

(71) Fulcrum Bioenergy, Inc.
(21) 2020286234 (22) 09.12.2020
(54) FUELS AND FUEL ADDITIVES THAT HAVE HIGH BIOGENIC CONTENT DERIVED FROM RENEWABLE ORGANIC FEEDSTOCK
(62) 2015408249

(71) GEORGETOWN UNIVERSITY
(21) 2020286230 (22) 09.12.2020
(54) Treating neural disease with tyrosine kinase inhibitors
(62) 2019203924

(71) Gia's Innovations Pty Ltd
(21) 2020286235 (22) 09.12.2020
(54) Animal Support
(31) 2019904673 (32) 10.12.19 (33) AU

(71) Gilead Sciences, Inc.
(21) 2020286178 (22) 07.12.2020
(54) Toll like receptor modulator compounds
(62) 2018282291

(71) Gruppo Cimbali S.p.A.
(21) 2020281144 (22) 04.12.2020
(54) GRINDER-DOSER
(31) 102019000023256 (32) 06.12.19 (33) IT

(71) GSE Environmental, LLC
(21) 2020281174 (22) 07.12.2020

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(54) Geosynthetic composite for filtration and drainage of the fine-grained geomaterials
(62) 2018256542

(71) Hager-Electro SAS
(21) 2020286196 (22) 08.12.2020
(54) Connecting assembly for supplying electric energy from a ground charging station to a vehicle
(31) 19315159.4 (32) 10.12.19 (33) EP

(71) Halliburton Energy Services, Inc.
(21) 2020281163 (22) 04.12.2020
(54) Cement activator composition for treatment of subterranean formations
(62) 2015406713

(71) Hepworth, A.L.
(21) 2020281154 (22) 04.12.2020
(54) LAMP SHIELD
(31) 2019904602 (32) 05.12.19 (33) AU

(71) Hill-Rom Services Pte. Ltd.
(21) 2020286287 (22) 10.12.2020
(54) Multi-mode respiratory therapy apparatus, system, and method
(31) 62/951,079 (32) 20.12.19 (33) US

HOEL, T. see CARLSON, L.
(21) 2020286247

(71) Huawei Technologies Co., Ltd.
(21) 2020281150 (22) 04.12.2020
(54) METHOD FOR FEEDING BACK ACK/NACK INFORMATION FOR DOWN-LINK DATA AND RELATED DEVICE
(62) 2016424838

(71) Huawei Technologies Co., Ltd.
(21) 2020286185 (22) 08.12.2020
(54) RESOURCE INDICATION METHOD AND APPARATUS, AND UPLINK CONTROL SIGNAL TRANSMISSION METHOD AND APPARATUS
(62) 2016428415

(71) Huazhong University of Science and Technology
(21) 2020281175 (22) 07.12.2020
(54) System and Method for Detecting and Regulating Microstructure Online with Electromagnetic Assistance
(31) 201911314260.5 (32) 19.12.19 (33) CN

(71) HYTORC Division UNEX Corporation
(21) 2020286246 (22) 09.12.2020
(54) A reaction washer and its fastening socket
(62) 2018247220

(71) ILLANES PTY LTD
(21) 2020281172 (22) 06.12.2020
(54) Render Racket, for Solid plasterers and Cement and Acrylic renderers/wet plasterers, to de-clog their sponge floats
(31) 2020903783 (32) 19.10.20 (33) AU

(71) Innovein, Inc.
(21) 2020286206 (22) 08.12.2020
(54) Venous valve prosthesis
(62) 2016312607

(71) Interdev Technologies
(21) 2020286242 (22) 09.12.2020
(54) Systems and methods of interpreting speech data
(62) 2015271665

(71) Inventis Technology Pty Limited
(21) 2020286213 (22) 08.12.2020
(54) Emergency alert system
(31) 2019904844 (32) 20.12.19 (33) AU

(71) Janssen Sciences Ireland UC
(21) 2020281180 (22) 07.12.2020
(54) Pyrimidine derivatives for the treatment of viral infections
(62) 2018236703

(71) Juno Therapeutics, Inc.
(21) 2020281158 (22) 04.12.2020
(54) Methods and compositions for adoptive cell therapy
(62) 2015358400

(71) Kabbage, Inc.
(21) 2020289751 (22) 04.12.2020
(54) Apparatus to provide liquid funds in the online auction and marketplace environment
(62) 2019201435

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2020286165 (22) 07.12.2020
(54) Turbine monitoring system and turbine monitoring method
(31) 2019-222427 (32) 09.12.19 (33) JP

(71) Kodiak Sciences Inc.
(21) 2020286251 (22) 09.12.2020
(54) Dual PDGF/VEGF antagonists
(62) 2015279560

(71) Kura Oncology, Inc.
(21) 2020281160 (22) 04.12.2020
(54) Methods of treating cancer patients with farnesyltransferase inhibitors
(62) 2018203045

(71) LEMMEN, J.A.J.; VAN DOREMAELE, M.G.M.
(21) 2020281137 (22) 04.12.2020
(54) DEVICE WITH COUPLED BEDS FOR GROWING MUSHROOMS
(31) 2024383 (32) 04.12.19 (33) NL

(71) Levitan, R.M.
(21) 2020281147 (22) 04.12.2020
(54) Introducer for tracheal tube intubation
(62) 2015317815

(71) Lineage Cell Therapeutics, Inc.
(21) 2020286225 (22) 09.12.2020
(54) Methods of modifying transcriptional regulatory networks in stem cells
(62) 2018202125

(71) MAKO Surgical Corp.
(21) 2020286163 (22) 07.12.2020
(54) Steering mechanism for portable surgical robot
(62) 2016315447

(71) Marchesan Implementos e Máquinas Agrícolas Tatu S.A.
(21) 2020286243 (22) 09.12.2020
(54) Agricultural harvester control system, method of controlling an agricultural harvester and agricultural harvester
(31) BR102019026692-9(32) 13.12.19 (33) BR

Massachusetts Institute of Technology see The Broad Institute, Inc.
(21) 2020286222

(71) Medisca Pharmaceutique, Inc.
(21) 2020281155 (22) 04.12.2020
(54) System, method, and kit for selecting and preparing customized cosmetics
(62) 2015208796

(71) Medtronic Navigation, Inc.
(21) 2020286198 (22) 08.12.2020
(54) Apparatus and method of counterbalancing axes and maintaining a user selected position of a X-ray scanner gantry
(62) 2016233712

(71) MEI Group Pty Ltd
(21) 2020286256 (22) 09.12.2020
(54) Layered thermal insulation system and thermal insulation products fabricated therefrom

(71) Merus N.V.
(21) 2020286212 (22) 08.12.2020
(54) Antibody that binds ErbB-2 and ErbB-3
(62) 2015223567

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- (71) Micor Limited
(21) 2020286209 (22) 08.12.2020
(54) Mitral valve prosthesis
(62) 2018204066
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- (71) Monsanto Technology LLC o
(21) 2020281170 (22) 06.12.2020
(54) Compositions and methods for efficient targeting of transgenes
(62) 2016377487
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- (71) Motorola Solutions, Inc.
(21) 2020281176 (22) 07.12.2020
(54) METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR INTELLIGENT TRACKING AND DATA TRANSFORMATION BETWEEN INTERCONNECTED SENSOR DEVICES OF MIXED TYPE
(31) 16/723,958 (32) 20.12.19 (33) US
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- (71) My ability care
(21) 2020281104 (22) 03.12.2020
(54) My Ability Care Your Choice-Your Future
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- (71) Oncocutics, Inc.
(21) 2020286168 (22) 07.12.2020
(54) 7-BENZYL-4-(2-METHYLBENZYL)-2,4,6,7,8,9-HEXAHYDROIMIDAZO [1,2-A]PYRIDO[3,4-E]PYRIMIDIN-5(1H)-ONE, ANALOGS AND SALTS THEREOF AND THEIR USE IN THERAPY
(62) 2016211243
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- (71) Optis Cellular Technology, LLC
(21) 2020286273 (22) 10.12.2020
(54) Methods and systems for scheduling resources in a telecommunication system
(62) 2019201058
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- (71) Orgenesis Inc.
(21) 2020286210 (22) 08.12.2020
(54) Topical composition containing ranpirnase
(62) 2015305819
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- (71) OSCOMP HOLDINGS INC.
(21) 2020281394 (22) 07.12.2020
(54) Virtual Gaseous Fuel Pipeline
(62) 2018247201
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- (71) Oticon Medical A/S
(21) 2020286216 (22) 08.12.2020
(54) Hearing Aid Device
(31) 19214794.0 (32) 10.12.19 (33) EP
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- (71) Oticon Medical A/S
(21) 2020286217 (22) 08.12.2020
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- (71) Cochlear Implant System with Measurement Unit
(31) 19214824.5 (32) 10.12.19 (33) EP
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- (71) Oticon Medical A/S
(21) 2020286219 (22) 08.12.2020
(54) Cochlear Implant Hearing Aid System
(31) 19214859.1 (32) 10.12.19 (33) EP
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- (71) P.V. Flood Control Corp.
(21) 2020281181 (22) 07.12.2020
(54) STRUCTURE SUPPORTED CONTAINMENT DIKE
(62) 2019213580
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- (71) Pajunk GmbH Medizintechnologie
(21) 2020286232 (22) 09.12.2020
(54) Cannula, in Particular for Lumbar Puncture and Lumbar Injection, as Well as Method of Production of Same
(31) 10 2020 102 119.4 (32) 29.01.20 (33) DE
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- (71) Peptron, Inc.
(21) 2020281132 (22) 04.12.2020
(54) Antibody binding specifically to MUC1 and use thereof
(62) 2018238165
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- (71) Peter Batey, L.
(21) 2020286211 (22) 08.12.2020
(54) SEAL ARRANGEMENT FOR EYE-WEAR
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- (71) pewag austria GmbH
(21) 2020281161 (22) 04.12.2020
(54) Connection device for coupling a load to a lifting lug by means of a support bolt
(31) 102019135324.6 (32) 19.12.19 (33) DE
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- (71) PGS Geophysical AS
(21) 2020286228 (22) 09.12.2020
(54) Method and systems for underwater application of streamer coating on geophysical streamers
(31) 62/950,024 (32) 18.12.19 (33) US
17/105,086 25.11.20 US
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- (71) PINNACLE DIVERSITY PTY LTD
(21) 2020281162 (22) 04.12.2020
(54) SUPPORT BRACKET AND SHELIVING ASSEMBLY
-
- (71) Poole, A.
(21) 2020289879 (22) 18.12.2020
(54) A method for facilitating the collection of donated goods
(31) 2019904788 (32) 18.12.19 (33) AU
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- (21) 2020286222
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- (71) Pride Mobility Products Corporation
(21) 2020281133 (22) 04.12.2020
(54) A POWERED WHEELCHAIR
(62) 2020201545
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- (71) Qingdao Institute of Marine Geology
(21) 2020286197 (22) 08.12.2020
(54) COVERAGE-TYPE DEEP-SEA MUD VOLCANO-ASSOCIATED NATURAL GAS HYDRATE EXPLOITATION SYSTEM AND METHOD
(31) 202010159725.0 (32) 09.03.20 (33) CN
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- (71) Regeneron Pharmaceuticals, Inc.
(21) 2020286186 (22) 08.12.2020
(54) HUMANIZED IL-15 ANIMALS
(62) 2014337526
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- (71) Regeneron Pharmaceuticals, Inc.
(21) 2020286187 (22) 08.12.2020
(54) NON-HUMAN ANIMALS HAVING A HUMANIZED SIGNAL-REGULATORY PROTEIN GENE
(62) 2014321187
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- (71) Reven Pharmaceuticals, Inc
(21) 2020286177 (22) 07.12.2020
(54) Methods of treating or ameliorating diseases and enhancing performance comprising the use of a magnetic dipole stabilized solution
(62) 2019203820
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- (71) Rokt Pte Ltd
(21) 2020286258 (22) 09.12.2020
(54) Machine learning based content predictor method and system
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- (71) Ronstan International Pty Ltd
(21) 2020286195 (22) 08.12.2020
(54) Self-tailing winch
(31) PA 2019 70761 (32) 11.12.19 (33) DK
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- (71) Schott AG
(21) 2020281146 (22) 04.12.2020
(54) Optical component with scratch resistant anti-reflection coating and method for producing same
(31) 10 2019 133 371.7 (32) 06.12.19 (33) DE
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- (71) Seattle Genetics, Inc.
(21) 2020281140 (22) 04.12.2020
(54) Methylene carbamate linkers for use with targeted-drug conjugates
(62) 2014369019
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- (71) Shenzhen Yiji Manufacturing Co., Ltd.
(21) 2020286167 (22) 07.12.2020

President and Fellows of Harvard College
see The Broad Institute, Inc.

Complete Applications Filed - Name Index cont'd

(54) NEW FOUR-STATOR AND FOUR-ROTOR COMBINED ENERGY-SAVING MOTOR
 (31) 202010478616.5 (32) 29.05.20 (33) CN

(71) Shenzhen Yiji Manufacturing Co., Ltd.
 (21) 2020286169 (22) 07.12.2020
 (54) NEW TWO-STATOR AND FOUR-ROTOR COMBINED ENERGY-SAVING MOTOR
 (31) 202010480054.8 (32) 29.05.20 (33) CN

(71) Shenzhen Yiji Manufacturing Co., Ltd.
 (21) 2020286171 (22) 07.12.2020
 (54) NEW TWO-STATOR AND TWO-ROTOR COMBINED ENERGY-SAVING MOTOR
 (31) 202010480056.7 (32) 29.05.20 (33) CN

(71) Shenzhen Yiji Manufacturing Co., Ltd.
 (21) 2020286173 (22) 07.12.2020
 (54) MIXED-WAVE PERMANENT MAGNET MOTOR
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(71) SiNtx Technologies, Inc.
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products comprising sweet, low-digestible carbohydrates
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(71) The Goodyear Tire & Rubber Company
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 (54) Method of estimating tire conditions
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 (54) A table having a heating appliance
 (62) 2018325428

(71) The Raymond Corporation
 (21) 2020281159 (22) 04.12.2020
 (54) BATTERY MANAGEMENT SYSTEMS AND METHODS
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(71) The Trustees of the University of Pennsylvania
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 (21) 2020281148 (22) 04.12.2020
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 J.A.J.**
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(71) WearOptimo Pty Ltd
 (21) 2020286182 (22) 07.12.2020
 (54) A System For Determining Fluid Level
 In A Biological Subject
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 (21) 2020286188 (22) 08.12.2020
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 CABINET DRAWER
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 mosis treatment
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 (21) 2020286247

(71) YEH, T.I.
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 od thereof
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(71) Ziva Connect Pty Ltd
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 (54) User verification systems and methods
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<p>„ S.S. see „ K.R.N. (21) 2020103940</p>	<p>Al-Atroshi, C. see Galety, M.G. (21) 2020103911</p>	<p>C., A.P. see Chakravarthi, R.R. (21) 2020103992</p>
<p>„ R.K. see „ K.R.N. (21) 2020103940</p>	<p>Almukhtar, F.H. see Galety, M.G. (21) 2020103911</p>	<p>(71) Capital Medical University (21) 2020103938 (22) 07.12.2020 (54) A classification method of diabetic retinopathy grade based on deep learning</p>
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<p>„ P.P. see „ K.R.N. (21) 2020103940</p>	<p>(71) Banerjee, A. (21) 2020103944 (22) 08.12.2020 (54) A SYSTEM AND A PROCESS FOR ENERGY EFFICIENT RESOURCE MANAGEMENT IN INDUSTRIAL PROCESSES</p>	<p>(71) Chakravarthi, R.R.; M, P.; P., G.; G, G.; A, J.K.; Yamini, K.A.P.; J, K.; V, B.; Dharamshi, R.R.; Gupta, S.; Geetha, K.P.; M. S., S.S.; C., A.P.; Dhas, A.J.; G., A.D. (21) 2020103992 (22) 09.12.2020 (54) INTEGRATED HEALTHCARE SYSTEM USING IOT AND CLOUD COMPUTING</p>
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<p>„ T.R. see „ K.R.N. (21) 2020103940</p>	<p>(71) 4 Season Company Pty Ltd (21) 2020103952 (22) 08.12.2020 (54) Medicated molasses block (62) 2020201907</p>	<p>Chakravarthi, A.S.N. see Rupa, C. (21) 2020103943</p>
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D.M, M. see A, D.
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(54) A SERIES OF RATIOMETRIC PH PROBES TARGETING ORGANELLE OR PROTEIN AND THE APPLICATION THEREOF
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(21) 2020103913 (22) 07.12.2020
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(21) 2020103919 (22) 07.12.2020
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(71) Foshan University; Technology Center of Wuhan Customs; Heilongjiang River Fisheries Research Institute, Chinese Academy of Fishery Sciences
(21) 2020104007 (22) 10.12.2020
(54) RT-LAMP DETECTION PRIMER GROUP, KIT AND METHOD FOR TILAPIA LAKE VIRUS

(71) Fudan University
(21) 2020103949 (22) 08.12.2020
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(71) Fujian Agriculture and Forestry University
(21) 2020104012 (22) 11.12.2020
(54) Traditional Chinese Medicine Composition for Treating/Preventing Diabetes and Application Thereof

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(54) A Cloud Based AI Enabled Security and Safety System for Protecting the Vehicle Drivers and Passengers During the Journey

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(54) A GENERALIZED PROCESS FOR ORDER REDUCTION OF UNSTABLE SYSTEMS

(71) Gannan Medical University
(21) 2020104008 (22) 10.12.2020
(54) QUALITY CONTROL METHOD OF HEMOSTATIC LIUYUEXUELIAN DECOCTION
(31) 202010923856.1 (32) 04.09.20 (33) CN

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(21) 2020103930 (22) 07.12.2020
(54) Privacy Fence

(71) Guangdong University of Technology
(21) 2020103958 (22) 08.12.2020
(54) METHOD FOR PRODUCING ULTRA-THIN GRAPHITE ELECTRODE

(71) Guangxi University
(21) 2020104000 (22) 10.12.2020
(54) Short-term Load Forecasting Method Based on TCN and IPSO-LSSVM Combined Model

(71) Guizhou PaiTeng Technology Services Ltd.
(21) 2020104015 (22) 11.12.2020
(54) A GREEN FUNCTIONAL FEED FOR IMPROVING GROWTH PERFORMANCE AND IMMUNITY OF CALVES AND ITS PREPARATION METHOD
(31) 2020112106055 (32) 03.11.20 (33) CN

(71) Guizhou University
(21) 2020104013 (22) 11.12.2020
(54) Functional Feed Composition for Laying Ducks and Preparation Method Thereof

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(21) 2020103992

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(21) 2020103941

(71) Hardrock Mining Solutions Pty Ltd
(21) 2020103951 (22) 08.12.2020
(54) Wheel nut

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(21) 2020104007

(71) Huazhong Agricultural University; Yichang Institute of Termite Control
(21) 2020103966 (22) 09.12.2020
(54) A granular bait against termites and its manufacturing method

(71) Huazhong Agricultural University
(21) 2020103967 (22) 09.12.2020
(54) Push-pull technology for controlling insect pests by using light

(71) Huazhong Agricultural University
(21) 2020104002 (22) 10.12.2020
(54) Double-wave lamp trapping insect device

(71) Inner Mongolia Agricultural University
(21) 2020104014 (22) 11.12.2020
(54) An anticorrosive SiC shed board and its preparation method

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 (54) A Feed Production Method for Improving Meat Quality of Pork

(71) Institute of Chemical Industry of Forest Products, Chinese Academy of Forestry
 (21) 2020103916 (22) 07.12.2020
 (54) STAR-SHAPED LIGNIN-BASED BENZOPHENONE AND PREPARATION METHOD AND USE THEREOF
 (31) 2019112407774 (32) 06.12.19 (33) CN

(71) Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences
 (21) 2020103994 (22) 10.12.2020
 (54) CRUSHING DEVICE OF LIVESTOCK AND POULTRY BONES AND CRUSHING METHOD THEREOF

(71) Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences
 (21) 2020103933 (22) 07.12.2020
 (54) USE OF miRNA30a CLUSTER AS DIAGNOSTIC MARKER AND THERAPEUTIC TARGET FOR ALZHEIMER'S DISEASE
 (31) 202010269842.2 (32) 08.04.20 (33) CN

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 (21) 2020103992

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 (21) 2020104017

(71) Jain, S.; Subramanian, M.; Karthika, G.; G., P.; Manjunath, T.; Koti, M.S.; Samanta, D.; T.S., D.M.
 (21) 2020103989 (22) 09.12.2020
 (54) DOMAIN NAME PLAN FOR CROSS-CHAIN CONNECTIONS IN BLOCK-CHAIN SYSTEMS

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 (21) 2020103913

(71) Jiangsu Cancer Hospital
 (21) 2020104004 (22) 10.12.2020
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 (31) 202022531062.9 (32) 05.11.20 (33) CN

(71) Jiangsu Cancer Hospital
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 (54) SHIELDING RADIATION PROTECTIVE DEVICE
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(71) Jiangxi Academy of Environmental Sciences
 (21) 2020103957 (22) 08.12.2020
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(71) Liuzhou Workers' Hospital
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(Ningxia Agricultural School)

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2020103907	Johri, P.; Samson Ebenezer, U.; Padmanandam, K.; Pillai, S.; Meshram, P.; Singh, A.; Kumar Dhanaraj, R.; Balusamy, B.; Kumar Srivastava, S.	2020103962	MGW Engineering Pty Ltd
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2020103913	Devarajan, B.; Jayaram, K.; T., G.; T., L.; Pandarinathan, S.; Muthukrishnan, P.	2020103965	Ningxia University
2020103916	Institute of Chemical Industry of Forest Products, Chinese Academy of Forestry	2020103966	Huazhong Agricultural University; Yichang Institute of Termite Control
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2020103919	Food Science and Technology Collage, Guangdong Ocean University	2020103969	Jinan Qinghui Agricultural Service Co., Ltd.
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2020103937	UNIVERSITY OF WESTERN AUSTRALIA	2020103994	Institute of Food Science and Technology , Chinese Academy of Agricultural Sciences
2020103938	Capital Medical University	2020103995	Dalian University of Technology
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2020103944	Banerjee, A.	2020104002	Huazhong Agricultural University
2020103945	Ch. Pradyutha, A.; Rao, V.U.	2020104003	Ocean University of China
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2020103947	Biology Institute of Shandong Academy of Sciences; Golden Star (Rizhao) Agricultural Science and Technology Development Co., Ltd.	2020104005	Jiangsu Cancer Hospital
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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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Assignments before Grant, Section 113

2015

2015204491 Thermalin Diabetes, LLC The application has been assigned to **Thermalin Inc.**

2015358566 Budda, Balasubrahmanyam; Schmuclarsky, Moshe; 60 Degrees Pharmaceuticals, LLC; Jones, John Paul; Smith, Bryan L. The application has been assigned to **The Government of the United States as represented by The Secretary of the Army; 60 Degrees Pharmaceuticals, LLC**

2016

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

2016267275 Thalmic Labs Inc. The application has been assigned to **Google LLC**

2016321443 Loxton, Earle John The application has been assigned to **BIKALOT COM (PTY) LTD**

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

2016371496 E. I. du Pont de Nemours and Company The application has been assigned to **FMC Corporation**

2016379022 Forsys Subsea Limited; Technip France The application has been assigned to **Technip UK Ltd; Technip France**

2017

2017248837 Temple University-of The Commonwealth System of Higher Education; Pebble Hill Partners, LLC The application has been assigned to **Thrombolex, Inc.**

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

Assignments before Grant, Section 113

2017307860 USM Holding AG The application has been assigned to **USM U. Schärer Söhne AG**

2017333723 USM Holding AG; Accuride International GmbH The application has been assigned to **USM U. Schärer Söhne AG; Accuride International GmbH**

2017378873 Vionx Energy Corporation The application has been assigned to **Largo Clean Energy Corp.**

2017378876 Vionx Energy Corporation The application has been assigned to **Largo Clean Energy Corp.**

2017379806 Vionx Energy Corporation The application has been assigned to **Largo Clean Energy Corp.**

2018

2018203649 Mezadata Medical IP Holding LLP The application has been assigned to **PROGENA INC.**

2018239260 Hong Kong Beida Jade Bird Display Limited The application has been assigned to **Jade Bird Display (Shang Hai) Limited**

2018250698 Hong Kong Beida Jade Bird Display Limited The application has been assigned to **Jade Bird Display (Shang Hai) Limited**

2018266108 UATC, LLC The application has been assigned to **Uber Technologies, Inc.**

2018289597 Uber Technologies, Inc. The application has been assigned to **Neutron Holdings, Inc., DBA Lime**

2018329823 Intrexon Corporation The application has been assigned to **Eleszto Genetika, Inc.**

2018364989 Pebble Hill Partners, LLC The application has been assigned to **Thrombolex, Inc.**

2018409898 Abmart Shanghai Co., Ltd. The application has been assigned to **MULTITUDE INC.**

2019

2019201792 Nanosphere Health Sciences, LLC The application has been assigned to **Nanosphere Health Sciences Inc.**

2019208164 Living Fuels Limited The application has been assigned to **GH BIO-POWER LIMITED**

2019232372 The University of Melbourne; CooperVision International Holding Company, LP The application has been assigned to **Cooper-Vision International Limited; The University of Melbourne**

2019267350 Syngenta Participations AG; Syngenta Biotechnology China Co., Ltd The application has been assigned to **Syngenta Participations AG**

2019287741 Simpson, Ann; Einziger, Michael The application has been assigned to **Versicolor Technologies, LLC**

Assignments before Grant, Section 113

2020

2020900460 Gerges, Bassem; Heinz-Partington, Sean The application has been assigned to **SEABAS ENTERPRISES PTY LTD**

2020903709 Winter, John David The application has been assigned to **Roundhill IP Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2011

2011221365 **Light-Weight Concrete Townsville Pty Ltd** An application to extend the time from 07 Sep 2019 to 07 Dec 2020 in which to pay a renewal fee has been filed . Address for service - TJIP Patents, Trade Marks & Designs Suite 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

2014

2014208236 **The UAB Research Foundation** An application to extend the time from 15 Feb 2020 to 15 Sep 2020 in which to pay a renewal fee has been filed . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2015

2015201197 **The trustee for The Sulisz Family Trust** An application to extend the time from 06 Mar 2020 to 06 Oct 2020 in which to pay the continuation fee has been filed . Address for service - Matthew Sulman & Associates 20 Broadhurst Street KELVIN GROVE QLD 4059 AU

2019

2019203970 **XpandOrtho, Inc.** An application to extend the time from 15 Oct 2019 to 15 Nov 2020 in which to pay the continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019283963 **CULLEN, S.** An application to extend the time from 06 Mar 2020 to 06 Dec 2020 in which to pay the filing fee has been filed . Address for service - Stewart Cullen Se 210 25 McCourt St Subiaco WA 6008 AU

Applications Allowed - Section 223(2)

2005

2005274927 **Albany Molecular Research, Inc.** The time in which to pay the renewal fee has been extended to 15 Sep 2020 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013

2013260649 **ROYLE, D.; DELIA, D.** The time in which to pay a renewal fee has been extended to 19 Jul 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Extensions of Time, Section 223

2014

2014280895 **Bob Ifield Holdings Pty Ltd** The time in which to pay the renewal fee has been filed 13 Sep 2020 . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

2015

2015221996 **Orban, T.; Daubeney, P.; Jalahej, H.; Daubeney, N.** The time in which to pay a continuation fee has been extended to 20 Feb 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2016

2016212348 **Casale SA** The time in which to pay the acceptance fee has been extended to 09 Sep 2020 . Address for service - K&L Gates South Tower L 25 525 Collins St Melbourne VIC 3000 AU

2016219488 **Bioconsortia, Inc.** The time in which to gain acceptance has been extended to 12 Mar 2021 . Address for service - Ribeiro IP Limited C/O Target Accounting Ltd 7 Gladstone Road South Mosgiel Otago, 9024 NZ

2016293379 **Rightplacement Pty Ltd** The time in which to request examination has been extended to 14 Mar 2021 . Address for service - Krouzer IP PO Box 7980 BAULKHAM HILLS BC NSW 2153 AU

2017

2017100562 **W.C HORTILANO & W.M HORTILANO & W HORTILANO** The time in which to pay the renewal fee has been extended to 19 Sep 2020 . Address for service - W.C HORTILANO & W.M HORTILANO & W HORTILANO 2/A Malcolm road Maddington WA 6109 AU

2018

2018207501 **Denflex Co., Ltd.** The time in which to gain acceptance has been extended to 17 Jan 2021 . Address for service - Atkinson IP PO Box 967 Hurstville BC NSW 1481 AU

2018217269 **Steinhardt Investments Pty Limited** The time in which to gain acceptance has been extended to 02 Apr 2021 . Address for service - TJIP Patents, Trade Marks & Designs Se 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

2018253542 **Civitas Therapeutics, Inc.** The time in which to pay the acceptance fee has been extended to 02 Nov 2020 . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

2018253547 **LEE, J.** The time in which to gain acceptance has been extended to 27 Mar 2021 . Address for service - Houlihan² Pty Ltd Level 1, 70 Doncaster Road BALWYN NORTH VIC 3104 AU

2018271405 **Trend Windows & Doors Pty Limited** The time in which to gain acceptance has been extended to 01 Apr 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2018278003 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The time in which to gain acceptance has been extended to 10 Apr 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2018301511 **ORISON INC.** The time in which to enter the national phase has been extended to 13 Aug 2020 . Address for service -

Extensions of Time, Section 223

Pizeys Patent and Trade Mark Attorneys Pty Ltd Level 15 241 Adelaide Street BRISBANE QLD 4000 AU

2019

2019200097 **Lipocine Inc.** The time in which to gain acceptance has been extended to 16 Mar 2021 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2019257930 **RKH INVESTMENTS PTY LTD; KERR, Andrew John** The time in which to enter the national phase has been extended to 27 Dec 2020 . Address for service - George Griziotis Patent Attorney PO Box 1210 Cronulla NSW 2230 AU

2019271227 **HOLOBEAM TECHNOLOGIES INC.** The time in which to enter the national phase has been extended to 15 Jan 2021 . Address for service - Adams Pluck SE 4 L 3 20 George St Hornsby NSW 2077 AU

2019303737 **ACUSENSUS IP PTY LTD** The time in which to gain acceptance has been extended to 03 Jul 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2019903688 **Hinton, S.** The time in which to associate with a complete application has been extended to 01 Apr 2021 . Address for service - George Griziotis Patent Attorney PO BOX 1210 Cronulla NSW 2230 AU

2020

2020102066 **R, H.; RATHOD, M.L.; VALSANGE, S.; MAHADEV, S.; S, C.; S, R.; MANDI, M.V.** The time in which to comply with a direction under Reg 3.2B has been extended to 04 Jan 2021 . Address for service - Harsha Raju UNIT 2 28 OLIVE STREET MORNINGSIDE QLD 4170 AU

2020244609 **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.** The time in which to make further application for a divisional patent has been extended to 02 Nov 2020 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 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.

2008

2008202373 Tactile ground surface indicator **CTA Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014

2014202051 Progesterone for the treatment of preterm birth **Columbia Laboratories (Bermuda) Limited** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2020 . Address

Amendments

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

2014321228 Bottom-gusseted package and method **Innoflex Incorporated** The nature of the amendment is as shown in the statement(s) filed 03 Nov 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015101931 Connector for blind-type curtain and blind-type curtain comprising same **Kilmallock (ACT) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2020 . Address for service - MEYER WEST IP PTY LTD PO Box 6251 Baulkham Hills NSW 2153 AU

2015404416 Translate data structure to video frame structure **Ent. Services Development Corporation LP** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2020 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2016

2016229147 Aza-pyridone compounds and uses thereof **Alios Biopharma, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016253716 Pipe-making apparatus and pipe-making method for spiral pipe **Sekisui Chemical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Dec 2020 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2016326367 Surgical robotic assemblies and instrument adapters thereof **Covidien LP** The nature of the amendment is as shown in the statement(s) filed 03 Dec 2020 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2017

2017319500 Inhibitors of cellular metabolic processes **Agios Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2020 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2018

2018101545 Intelligent device arbitration and control **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2020 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018102074 Curtain Blind **Kilmallock (ACT) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2020 . Address for service - MEYER WEST IP PTY LTD PO Box 6251 Baulkham Hills NSW 2153 AU

2018203659 STIMULATION DEVICE HAVING AN APPENDAGE **Novoluto GmbH** The nature of the amendment is: Request to convert to a patent of addition to Patent No. 2015386680 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018210690 Immediate release cannabidiol formulations **Canntab Therapeutics Limited** The nature of the amendment is: Amend the name of the inventor to read Renwick, Jeff; Lefler, Robert Scott and

Amendments

Laxminarayan, Joshi . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

2018236699 METHODS AND COMPOSITIONS FOR MODULATING APOLIPOPROTEIN(A) EXPRESSION **Ionis Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Dec 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019100525 Voice communication method **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2020 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019200787 CARD DISPOSAL SYSTEM FOR TABLE GAME **Angel Playing Cards Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2020 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd Level 15 241 Adelaide Street BRISBANE QLD 4000 AU

2019204054 Blockchain-based commodity claim method and apparatus, and electronic device **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 03 Dec 2020 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2019272039 Perfusion manifold assembly **Emulate, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Dec 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020103023 An ecosystem for breeding Australian crawfish in paddy field **Suzhou Academy of Agricultural Sciences** The nature of the amendment is: Amend the name of the inventor to read Gu, Junrong; Dong, Minghui; Tao, Sheng; Chen, Peifeng; Song, Yunsheng; Xu, Zhe; Dong, Shangwen and Wang, Dongming . Address for service - Alder IP Pty Ltd Suite 202, 24 Thomas Street Chatswood NSW 2067 AU

Amendments Made

2014

2014363194 **Skyscanner Limited** The nature of the amendment is as shown in the statement filed 24 Sep 2020

2014364528 **The George Washington University, A Congressional Chartered Not-For-Profit Corporation** The nature of the amendment is as shown in the statement filed 23 Sep 2020

2015

2015229406 **President and Fellows of Harvard College** The nature of the amendment is as shown in the statement filed 10 Sep 2020

2015289619 **New York University** The nature of the amendment is as shown in the statement filed 24 Sep 2020

Amendments

2015314029 **IGYXOS** The nature of the amendment is as shown in the statement filed 14 Sep 2020

2015318556 **Zymeworks Inc.** The nature of the amendment is as shown in the statement filed 16 Sep 2020

2015340539 **Mubea Carbo Tech GmbH** The nature of the amendment is as shown in the statements filed 21 Aug 2020

2015353091 **Beller, K.; Perlen Packaging AG, Perlen** The nature of the amendment is as shown in the statement filed 16 Sep 2020

2015367509 **F. Hoffmann-La Roche AG** The nature of the amendment is: Amend the name of the inventor to read GOODACRE, Simon Charles; LABADIE, Sharada; LIANG, Jun; ORTWINE, Daniel Fred; RAY, Nicholas Charles; WANG, Xiaojing; ZBIEG, Jason; ZHANG, Birong; LAI, Kwong Wah; LIAO, Jiangpeng; LIU, Zhiguo; WAI, John Sui-Man; WANG, Tao and LI, Jun

2015370046 **DePuy Synthes Products, Inc.** The nature of the amendment is as shown in the statement filed 28 Sep 2020

2016

2016279761 **EPC Engineering & Technologies GmbH** The nature of the amendment is: Amend the name of the inventor to read Henkel, Jens; Rassbach, Jürgen; Trenkmann, Klaus; Jafeld, Markus and Glöckler, Bernd

2016284398 **Sumitomo Dainippon Pharma Co., Ltd.** The nature of the amendment is as shown in the statement filed 24 Sep 2020

2016298814 **Matisa Materiel Industriel S.A.** The nature of the amendment is as shown in the statement filed 22 Sep 2020

2016302049 **Hefeeda, M.; Calagari, K.; Elgharib, M.; Matusik, W.; Didyk, P.; Kaspar, A.** The nature of the amendment is as shown in the statement filed 10 Sep 2020

2016323098 **Neogen Corporation** The nature of the amendment is: Amend the name of the inventor to read Nelson, John; Biswas, Preetha; Zhang, Lei; Mozola, Mark A.; Pinkava, Lisa; Brookman, David and Hosking, Edan Robert

2016368545 **Bracco Imaging SpA** The nature of the amendment is as shown in the statement filed 14 Sep 2020

2016370940 **Mahfouz, M.** The nature of the amendment is as shown in the statement filed 28 Sep 2020

2017

2017100669 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read BLAHNIK, Jay; ARNEY, Julie A.; BEBBINGTON, Samuel H.; BUTCHER, Gary Ian; FENNIS, Jules K.; JENKINS, Monica and LYNCH, Kevin

2017101760 **Dyson Technology Limited** The nature of the amendment is as shown in the statement filed 04 Aug 2020

2017101763 **Dyson Technology Limited** The nature of the amendment is as shown in the statement filed 04 Aug 2020

Amendments

2017214765 **Imtrade Australia Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101894

2017221799 **RxSafe LLC** The nature of the amendment is: Amend the name of the inventor to read HOLMES, William K. and ARSENAULT, Aaron

2017250448 **Cancer Research Technology Limited** The nature of the amendment is as shown in the statement filed 10 Sep 2020

2017318572 **Allergan, Inc.** The nature of the amendment is as shown in the statement filed 22 Sep 2020

2017338583 **LG Electronics Inc.** The nature of the amendment is as shown in the statement filed 23 Sep 2020

2017393428 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2017101893

2017403346 **Chrysos Corporation Limited** The nature of the amendment is as shown in the statement filed 09 Sep 2020

2018

2018204439 **Bostik, Inc.** The nature of the amendment is as shown in the statement filed 16 Sep 2020

2018250463 **SEVECOM S.p.A.** The nature of the amendment is as shown in the statement filed 11 Sep 2020

2018256667 **Parksen Group Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Wings, Leigh; Wang, Zhenying and Zhang, Chunli

2018279677 **WANG, Z.** The nature of the amendment is: Amend the name of the inventor to read WANG, Zuyang

2018282261 **Angel Playing Cards Co., Ltd.** The nature of the amendment is as shown in the statement filed 14 Sep 2020

2018282759 **BostonGene Corporation** The nature of the amendment is: Application is to proceed under the number 2018102201

2018282759 **BostonGene Corporation** The nature of the amendment is as shown in the statement filed 02 Dec 2020

2018285867 **Amsted Rail Company, Inc.** The nature of the amendment is as shown in the statement filed 11 Sep 2020

2018290417 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2018102202

2018412532 **AstraZeneca AB** The nature of the amendment is: Amend the name of the inventor to read MELILLO, Giovanni; BALLAS, Marc; DOVEDI, Simon; STEWART, Ross and DENNIS, Phillip A.

Amendments

2018422698 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read SIGNAL SENDING METHOD, SIGNAL RECEIVING METHOD, AND APPARATUS

2018423606 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD OF TREATING MALIGNANT TUMOR BY AZABICYCLIC COMPOUND

2018431165 **Shandong University of Science and Technology** The nature of the amendment is: Amend the name of the inventor to read ZHOU, Gang; ZHANG, Qingtao; LIU, Rulin; ZHANG, Guobao; SONG, Shuzheng; GAO, Danhong; WANG, Shicong; DUAN, Jinjie; YANG, Yang; JING, Bin and MA, Yu

2018431665 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Heat exchanger, heat exchanger unit, and refrigeration cycle apparatus

2018432066 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR SELECTING NSA AND SA NETWORKING MODE, AND TERMINAL DEVICE

2019

2019201319 **D & S Berry Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Berry, David; Berry, Mathew; Berry, Simon and Berry, Jason

2019203584 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 15 Sep 2020

2019204347 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is: Application is to proceed under the number 2019101776

2019206118 **ArQule, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bates, Craig; Mao, Jianmin and Reed, David P.

2019233923 **Arrinex, Inc.** The nature of the amendment is: Amend the name of the inventor to read FAHEY, Brian; FOX, William Jason; HESTER, Jerome; SAADAT, Mojgan and SAADAT, Vahid

2019262696 **Herdx, Inc.** The nature of the amendment is: Amend the name of the inventor to read HICKS, Ronald B.; HARKLEROAD, Sarah C.; ADAMS, Austin and SCHROEDER, David

2019265011 **University of Louisville Research Foundation, Inc.** The nature of the amendment is: Amend the name of the inventor to read CLARK, Geoffrey J.; TRENT, John O. and BURLISON, Joseph A.

2019268117 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2019101777

2019269118 **Autolus Limited** The nature of the amendment is as shown in the statements filed 12 Nov 2020 and 2 Dec 2020

2019276372 **Sanofi; Evotec International GmbH** The nature of the amendment is as shown in the statement filed 27 Nov 2020

Amendments

2019278015 **Hua Medicine (Shanghai) Ltd.** The nature of the amendment is: Amend the invention title to read Pharmaceutical combination, composition, and combination formulation comprising glucokinase activator and SGLT-2 inhibitor and preparation methods and uses thereof

2019283841 **Wix.com Ltd.** The nature of the amendment is as shown in the statement filed 11 Sep 2020

2019291421 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR IMPLEMENTING MULTIPROCESSING ON TEE, AND SYSTEM

2019294836 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Dec 2020

2019308205 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read MURPHY, Andrew; MUJICA, Alexander O.; LAI, Ka-Man Venus; HAXHINASTO, Sokol and ZARUHI, Hovhannisyan

2019329708 **TTi (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2019101774

2019332904 **TTi (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2019101772

2019332906 **TTi (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2019101771

2019343174 **TTi (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2019101775

2019345314 **TTi (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2019101773

2019412598 **Mizkan Holdings Co., Ltd.** The nature of the amendment is: Amend the invention title to read PRODUCTION METHOD, DRY METHOD, DRIED FOOD PLANT COMPOSITION AND FOOD AND BEVERAGE FOR DRIED FOOD PLANT COMPOSITION

2019420431 **Sekisui House,Ltd.** The nature of the amendment is: Amend the invention title to read Roof frame structure

2019438696 **Shandong University** The nature of the amendment is: Amend the invention title to read Vehicle-mounted system and method for in-situ identification of lithology and adverse geology precursor characteristic

2019439936 **Shandong University** The nature of the amendment is: Amend the invention title to read TBM-mounted advanced geological prediction system and method based on identification of lithology and adverse geology precursor characteristics

Amendments

2020

2020200366 **Bair, R.; Buzick, B.L.** The nature of the amendment is: Amend the name of the inventor to read Buzick, Bonnie Lee; Bair, Robert James and Hunt, Ronald Eugene

2020201223 **The NOCO Company** The nature of the amendment is as shown in the statements filed 03 Aug 2020 and 21 Aug 2020

2020202394 **Monsanto Technology LLC** The nature of the amendment is as shown in the statement filed 21 Sep 2020

2020244459 **NEC Corporation** The nature of the amendment is: Application is to proceed under the number 2020104215

2020244460 **Pisacane, N.** The nature of the amendment is: Amend the invention title to read Compact Standalone Air Purifying Utility Module

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

2001

2001064032 Parkeon The name of the patentee has been altered to **FLOWBIRD**

2005

2005293401 Parkeon The name of the patentee has been altered to **FLOWBIRD**

2011

2011257734 Generon (Shanghai) Corporation Ltd. The name of the patentee has been altered to **Evive Biotechnology (Shanghai) Ltd**

2011298556 Generon (Shanghai) Corporation Ltd. The name of the patentee has been altered to **Evive Biotechnology (Shanghai) Ltd**

2012

2012264733 Parkeon The name of the patentee has been altered to **FLOWBIRD**

2012289433 Generon (Shanghai) Corporation Ltd. The name of the patentee has been altered to **Evive Biotechnology (Shanghai) Ltd**

2014

2014337092 Ziva Medical, Inc. The name of the patentee has been altered to **AblaCare, Inc.**

2014346051 Generon (Shanghai) Corporation Ltd. The name of the patentee has been altered to **Evive Biotechnology (Shanghai) Ltd**

2014346052 Generon (Shanghai) Corporation Ltd. The name of the patentee has been altered to **Evive Biotechnology (Shanghai) Ltd**

2016

2016200110 P3 Communications GmbH The name of the patentee has been altered to **umlaut communications GmbH**

Amendments

2016203265 Parkeon The name of the applicant has been altered to **FLOWBIRD**

2017

2017233121 Generon (Shanghai) Corporation Ltd. The name of the applicant has been altered to **Evive Biotechnology (Shanghai) Ltd**

2018

2018101615 Bodyguard Technologies Pty Ltd The name of the patentee has been altered to **Bodyguard Technologies IP Pty Ltd.**

2018274855 DS Smith Plastics Limited The name of the applicant has been altered to **Corplex Plastics UK Ltd**

2018279677 Wang, Ziyang The name of the applicant has been altered to **WANG, Z.**

2018346644 Mix Innovations Limited The name of the applicant has been altered to **Mix Innovations Ltd**

2018360637 SONA NANOTECH INC The name of the applicant has been altered to **Sona Nanotech Inc.**

2018426303 Drfirst.com, Inc. The name of the applicant has been altered to **DrFirst.com, Inc.**

2019

2019206607 Tyton BioSciences, LLC The name of the applicant has been altered to **Circ, LLC**

2019213664 Sun BioPharma, Inc. The name of the applicant has been altered to **Panbela Therapeutics, Inc.**

2019254542 Vecor IP Holdings The name of the applicant has been altered to **Vecor IP Holdings Limited**

2019254543 Vecor IP Holdings The name of the applicant has been altered to **Vecor IP Holdings Limited**

2019254544 Vecor IP Holdings The name of the applicant has been altered to **Vecor IP Holdings Limited**

2019374132 Avanced Neuromodulation Systems, Inc. The name of the applicant has been altered to **Advanced Neuromodulation Systems, Inc.**

2019904877 The University of Melbourne The name of the applicant has been altered to **The University of Melbourne; Zhang, W.**

2019904938 The University of Melbourne; The Hong Kong Polytechnic University The name of the applicant has been altered to **The University of Melbourne; The Hong Kong Polytechnic University; Chen, B.; Gerard, J.; Vadivelu, A.K.N.**

2020

2020101850 Anhui University The name of the patentee has been altered to **Anhui University; Anhui Academy of Science and Technology**

Amendments

2020101894 A resistivity imaging method based on electrical source semi-airborne transient electromagnetic method The name of the patentee has been altered to **Institute of Geology and Geophysics, Chinese Academy of Sciences**

2020281033 Zerigo Health The name of the applicant has been altered to **Zerigo Health, Inc.**

2020281074 Jinko Green Energy (Shanghai) Management Co., LTD.; ZHEJIANG JINKO SOLAR CO., LTD The name of the applicant has been altered to **ZHEJIANG JINKOSOLAR CO.,LTD.; Jinko Green Energy (Shanghai) Management Co., LTD.**

Applications Open to Public Inspection

Name Index

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

(71) 1045929 Ontario Limited
 (11) AU-A-2020281031
 (21) 2020281031 (22) 01.12.2020
 (54) Sod handling apparatus
 (51) Int. Cl.
A01G 20/15 (2018.01)
 (43) 07.01.2021
 (62) 2016206422
 (72) Brouwer, Gerardus J.; Ratsep, Ralph; Milwain, Robert; Hendriks, Mathias Marie Gerardus
 (74) FB Rice Pty Ltd

AbbVie Stemcentrx LLC see Pfizer Inc.
 (21) 2020281105

(71) Acceleron Pharma, Inc.
 (11) AU-A-2020286229
 (21) 2020286229 (22) 09.12.2020
 (54) Methods and compositions for treating ineffective erythropoiesis
 (51) Int. Cl.
A61K 38/18 (2006.01)
A61P 7/06 (2006.01)
 (43) 07.01.2021
 (62) 2018247262
 (72) Seehra, Jasbir; Pearsall, Robert Scott; Kumar, Ravindra; Suragani, Naga Venkata Sai Rajasekhar
 (74) Shelston IP Pty Ltd.

(71) Acceleron Pharma Inc.
 (11) AU-A-2020281136
 (21) 2020281136 (22) 04.12.2020
 (54) ALK7:ActRIIB heteromultimers and uses thereof
 (51) Int. Cl.
C07K 14/71 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 3/04 (2006.01)
A61P 13/12 (2006.01)
C07K 19/00 (2006.01)
 (43) 07.01.2021
 (62) 2016246708
 (72) Knopf, John; Kumar, Ravindra; Grinberg, Asya; Sako, Dianne S.; Pearsall, Robert Scott; Castonguay, Roselyne; Li, Gang; Dagon, Yossi
 (74) Shelston IP Pty Ltd.

(71) Accenture Global Solutions Limited
 (11) AU-A-2020203862
 (21) 2020203862 (22) 11.06.2020
 (54) ARTIFICIAL INTELLIGENCE (AI) BASED PREDICTIONS AND RECOMMENDATIONS FOR EQUIPMENT
 (51) Int. Cl.

G06N 5/00 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/00 (2012.01)
G06Q 10/06 (2012.01)
 (31) 16/441,941 (32) 14.06.19 (33) US
 (43) 07.01.2021
 (72) RAMALINGAM, Rajarajan Thangavel; RYABOVOL, Vladimir Valeryevich; MUNIVELU, Auri Priyadharshini; LAKSHMANAN, Ramanathan; VINNAKOTA, Ravi Kanth; D S, Sunil Kumara; CHIDANANDAPPA, Basavaraj; PERUMALLA, Venkata Rama Krishna
 (74) Murray Trento & Associates Pty Ltd

(71) Acres Technology
 (11) AU-A-2020277275
 (21) 2020277275 (22) 27.11.2020
 (54) Personal Electronic Device for Gaming and Bonus System
 (51) Int. Cl.
A63F 13/40 (2014.01)
 (43) 07.01.2021
 (62) 2018256672
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Adobe Inc.
 (11) AU-A-2020201976
 (21) 2020201976 (22) 19.03.2020
 (54) TWO DIMENSIONAL TOUCH INTERACTION SCREENS WITH CONTENT-AWARE SENSORS
 (51) Int. Cl.
G06T 5/00 (2006.01)
G06F 3/041 (2006.01)
G06T 11/00 (2006.01)
 (31) 16/440,471 (32) 13.06.19 (33) US
 (43) 07.01.2021
 (72) Wilensky, Gregg; Nichoson, Mark; Wright, Edward
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Advenchen Pharmaceuticals, LLC see CHEN, G.P.
 (21) 2020281003

(71) Alios BioPharma, Inc.
 (11) AU-A-2020281091
 (21) 2020281091 (22) 03.12.2020
 (54) Substituted nucleosides, nucleotides and analogs thereof
 (51) Int. Cl.
C07H 19/06 (2006.01)
A61K 31/14 (2006.01)
A61K 31/16 (2006.01)
A61K 31/7068 (2006.01)
A61K 31/7072 (2006.01)
A61K 31/7076 (2006.01)

A61K 31/708 (2006.01)
C07H 1/00 (2006.01)
C07H 1/02 (2006.01)
C07H 1/04 (2006.01)
C07H 19/10 (2006.01)
C07H 19/11 (2006.01)
C07H 19/16 (2006.01)
C07H 19/167 (2006.01)
C07H 19/173 (2006.01)
C07H 19/20 (2006.01)
C07H 19/207 (2006.01)
C07H 19/213 (2006.01)
 (43) 07.01.2021
 (62) 2019200096
 (72) Beigelman, Leonid; Wang, Guangyi; Smith, David Bernard; Prhavic, Marjia; Jekle, Christian Andreas; Deval, Jerome
 (74) Shelston IP Pty Ltd.

(71) All Footings Solutions Pty Ltd
 (11) AU-A-2020203851
 (21) 2020203851 (22) 11.06.2020
 (54) A footing
 (51) Int. Cl.
E02D 27/42 (2006.01)
 (31) 2019902050 (32) 12.06.19 (33) AU
 (43) 07.01.2021
 (72) Michael, Michael; Rapa, Anthony
 (74) WADESON

(71) Alynlam Pharmaceuticals, Inc.
 (11) AU-A-2020286218
 (21) 2020286218 (22) 08.12.2020
 (54) Serpina1 iRNA compositions and methods of use thereof
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/713 (2006.01)
A61P 1/16 (2006.01)
A61P 11/00 (2006.01)
A61P 35/00 (2006.01)
 (43) 07.01.2021
 (62) 2014268509
 (72) SEHGAL, Alfica; CHARISSE, Klaus; BETTENCOURT, Brian; MAIER, Martin; RAJEEV, Kallanthottathil G.; HINKLE, Gregory; MANOHARAN, Muthiah
 (74) Griffith Hack

(71) Amgen Inc.
 (11) AU-A-2020281075
 (21) 2020281075 (22) 03.12.2020
 (54) Mammalian cell culture
 (51) Int. Cl.
C12N 5/00 (2006.01)
C07K 16/00 (2006.01)
C12N 5/10 (2006.01)
C12P 21/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 07.01.2021
 (62) 2018203972
 (72) Follstad, Brian D.; McCoy, Rebecca E.;
 Morris, Arvia E.
 (74) FPA Patent Attorneys Pty Ltd

(71) AMO Development, LLC
 (11) AU-A-2020277260
 (21) 2020277260 (22) 27.11.2020
 (54) Robust laser cutting methods for oph-
 thalmic surgery
 (51) Int. Cl.
 A61F 9/008 (2006.01)
 (43) 07.01.2021
 (62) 2019204283
 (72) Fu, Hong; Tamkin, John M.
 (74) FPA Patent Attorneys Pty Ltd

(71) AMO Development, LLC
 (11) AU-A-2020281102
 (21) 2020281102 (22) 03.12.2020
 (54) Sub-nanosecond laser surgery system
 utilizing multiple pulsed laser beams
 (51) Int. Cl.
 A61F 9/007 (2006.01)
 A61F 9/008 (2006.01)
 (43) 07.01.2021
 (62) 2016285453
 (72) Schuele, Georg; Andersen, Daniel J.;
 Vankov, Alexander; Gooding, Phillip H.
 (74) FPA Patent Attorneys Pty Ltd

(71) AMO Development, LLC
 (11) AU-A-2020281103
 (21) 2020281103 (22) 03.12.2020
 (54) Apparatus for creating ocular surgical
 and relaxing incisions
 (51) Int. Cl.
 A61F 9/007 (2006.01)
 (43) 07.01.2021
 (62) 2020200658
 (72) Marcellino, George; Andersen, Dan;
 Angeley, David G.; Culbertson, William
 (74) FPA Patent Attorneys Pty Ltd

(71) AMO Development, LLC
 (11) AU-A-2020281106
 (21) 2020281106 (22) 03.12.2020
 (54) Laser eye surgery system
 (51) Int. Cl.
 A61F 9/008 (2006.01)
 A61B 3/10 (2006.01)
 (43) 07.01.2021
 (62) 2018236799
 (72) Schuele, Georg; Gooding, Phillip
 (74) FPA Patent Attorneys Pty Ltd

(71) AMO Groningen B.V.
 (11) AU-A-2020277274
 (21) 2020277274 (22) 27.11.2020
 (54) Fresnel piggyback intraocular lens that
 improves overall vision where there is a
 local loss of retinal function
 (51) Int. Cl.
 A61F 2/16 (2006.01)

(43) 07.01.2021
 (62) 2015386280
 (72) Rosen, Robert; Weeber, Hendrik A.;
 Canovas Vidal, Carmen; Van Der
 Moeren, Marrie; Sellitri, Dora; Piers, Pa-
 tricia Ann
 (74) FPA Patent Attorneys Pty Ltd

(71) Angel Playing Cards Co., Ltd.
 (11) AU-A-2020281171
 (21) 2020281171 (22) 06.12.2020
 (54) TABLE GAME SYSTEM
 (51) Int. Cl.
 A63F 1/06 (2006.01)
 (43) 07.01.2021
 (62) 2018236860
 (72) Shigeta, Yasushi
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) ANTONY, B.
 (11) AU-A-2020280997
 (21) 2020280997 (22) 30.11.2020
 (54) A process to enhance the bioactivity of
 Ashwagandha extracts
 (51) Int. Cl.
 A61K 36/81 (2006.01)
 (43) 07.01.2021
 (62) 2020201462
 (72) ANTONY, Benny
 (74) Griffith Hack

(71) Apple Inc.
 (11) AU-A-2020281126
 (21) 2020281126 (22) 04.12.2020
 (54) Rotary input mechanism for an elec-
 tronic device
 (51) Int. Cl.
 G06F 3/02 (2006.01)
 G04G 21/08 (2010.01)
 (43) 07.01.2021
 (62) 2019204516
 (72) ROTHKOPF, Fletcher R.; WERNER,
 Christopher M.; ELY, Colin M.; MOR-
 RELL, John B.; MOUSSETTE, Camille;
 KERR, Duncan; SHEDLETSKY, Anna-
 Katrina
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020281128
 (21) 2020281128 (22) 04.12.2020
 (54) Synchronization and task delegation of
 a digital assistant
 (51) Int. Cl.
 G06F 3/16 (2006.01)
 G06F 3/0484 (2013.01)
 G10L 15/00 (2013.01)
 (43) 07.01.2021
 (62) 2019280008
 (72) PHIPPS, Benjamin S.; FRAZZINGARO,
 Gennaro; SCHRAMM, Karl F.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020286231

(21) 2020286231 (22) 09.12.2020
 (54) Sending drawing data via contact list
 (51) Int. Cl.
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A61B 5/145 (2006.01)
A61B 5/15 (2006.01)
G01N 27/26 (2006.01)
G01N 27/416 (2006.01)
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B01L 3/00 (2006.01)
C12M 1/24 (2006.01)
C12M 1/28 (2006.01)
C12N 15/10 (2006.01)
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C02F 1/28 (2006.01)
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A01K 67/027 (2006.01)
C07K 14/54 (2006.01)
C12N 15/85 (2006.01)
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C07K 14/705 (2006.01)
C12N 15/90 (2006.01)

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B60K 17/16 (2006.01)
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 and compensation server for restricting
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H04M 1/725 (2006.01)
G01S 1/02 (2006.01)
G06F 3/0346 (2013.01)
G06Q 30/02 (2012.01)
H04W 4/02 (2009.01)

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E02F 5/10 (2006.01)
F16L 1/028 (2006.01)

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A47L 9/24 (2006.01)
A47L 5/24 (2006.01)
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A47L 9/00 (2006.01)

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 of making same
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B32B 27/04 (2006.01)
B32B 27/12 (2006.01)
C09J 1/00 (2006.01)

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 PLANTS AND ASSOCIATED MATERI-
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A61L 27/10 (2006.01)
A61L 27/44 (2006.01)
A61L 27/50 (2006.01)
A61L 27/54 (2006.01)
C04B 35/58 (2006.01)
C04B 35/597 (2006.01)
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 Paneling

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A61K 31/431 (2006.01)
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H04N 5/262 (2006.01)
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C01G 13/00 (2006.01)
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E03B 7/07 (2006.01)
F17D 5/02 (2006.01)
G01F 1/34 (2006.01)
G01M 3/28 (2006.01)
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A23L 27/30 (2016.01)
A23L 33/10 (2016.01)
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A61K 31/716 (2006.01)
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H04W 72/12 (2009.01)
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H01L 31/042 (2006.01)
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B64D 33/02 (2006.01)
F02C 7/042 (2006.01)
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A01N 1/02 (2006.01)
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A01B 49/04 (2006.01)
A01C 7/08 (2006.01)
A01C 7/10 (2006.01)
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F24C 15/30 (2006.01)
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A61K 9/70 (2006.01)
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C07K 14/50 (2006.01)
A61K 38/17 (2006.01)
A61K 38/22 (2006.01)
A61K 38/47 (2006.01)
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C07D 491/052 (2006.01)
A61K 31/505 (2006.01)
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B05B 1/02 (2006.01)
A01G 25/02 (2006.01)
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A01G 25/02 (2006.01)
(31) 62/861,443 **(32)** 14.06.19 **(33)** US
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C12N 5/02 (2006.01)
C12N 5/071 (2010.01)
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B65B 57/16 (2006.01)
B65B 5/02 (2006.01)
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B65B 43/04 (2006.01)
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<u>B60K 17/-</u> 2020281057	<u>B65F 1/-</u> 2020281068	<u>C07D 477/-</u> 2020281120	<u>C09K 11/-</u> 2019204086	<u>D06M 13/-</u> 2020203994	<u>F04C 25/-</u> 2020281134
<u>B60K 23/-</u> 2020281057	<u>B65G 17/-</u> 2020202118	<u>C07D 487/-</u> 2020281064 2020286224	<u>C09K 21/-</u> 2020281173	<u>D06M 15/-</u> 2020203994	<u>F04C 29/-</u> 2020281134
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<u>B60R 9/-</u> 2020204049	<u>B66F 5/-</u> 2020281125	<u>C07D 519/-</u> 2020280982	<u>C11B 3/-</u> 2020277148	<u>E02B 7/-</u> 2020281181	<u>F16L 1/-</u> 2020203912
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<u>G02B 23 /-</u> 2020286175	<u>G06Q 30 /-</u> 2020277291 2020281002 2020289751	<u>H02K 7 /-</u> 2020203439	<u>H04W 88 /-</u> 2020281114
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<u>G05D 13 /-</u> 2020203284	<u>G08C 17 /-</u> 2020203326	<u>H04B 10 /-</u> 2020280996	
<u>G05D 21 /-</u> 2020281080	<u>G08C 25 /-</u> 2020203326	<u>H04J 11 /-</u> 2020286305	
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C07K 14/435 (2006.01)
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C07K 16/08 (2006.01)
A61K 39/42 (2006.01)
A61P 31/20 (2006.01)
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B23B 41/00 (2006.01)
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A61K 36/064 (2006.01)
A61K 36/82 (2006.01)
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 E21B 17/00 (2006.01)
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B60W 30/09 (2012.01)
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(51) Int. Cl.
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(71) Mancini Enterprises 1 Pty Ltd
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(54) A COMPACT SELF-CONTAINED AMBULATORY CRYOLIPOLYSIS DEVICE
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H04L 1/00 (2006.01)
H04N 21/00 (2011.01)
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A61F 2/28 (2006.01)
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B33Y 80/00 (2015.01)
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A47B 3/08 (2006.01)
B25H 1/06 (2006.01)
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A61L 11/00 (2006.01)
A61L 2/18 (2006.01)
B02C 19/00 (2006.01)
B09B 3/00 (2006.01)
B30B 9/32 (2006.01)
G16H 40/20 (2018.01)
G16Y 40/30 (2020.01)
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 (45) 07.01.2021
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(11) AU-A-2020103154

(21) 2020103154 (22) 30.10.2020

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(51) Int. Cl.

F26B 3/04 (2006.01)

F26B 3/28 (2006.01)

(45) 07.01.2021

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(11) AU-A-2020103101

(21) 2020103101 (22) 29.10.2020

(54) METHOD FOR REGULATING CHARGE DENSITY AND NUMBER OF DEFECT SITES ON SURFACE OF HIGHLY ORIENTED PYROLYTIC GRAPHITE (HOPG)

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B82B 3/00 (2006.01)

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2020103098	2020102825 2020102832	2020103125
<u>G01W 1 /-</u>	<u>G16H 10 /-</u>	<u>H04L 1 /-</u>
2020103139	2020103140	2020103123
<u>G02F 1 /-</u>	<u>G16H 15 /-</u>	<u>H04L 12 /-</u>
2020103112	2020103140	2020103147
<u>G05D 1 /-</u>	<u>G16H 30 /-</u>	<u>H04L 5 /-</u>
2020103104 2020103161	2020103150	2020103125
<u>G06F 15 /-</u>	<u>G16H 40 /-</u>	<u>H04L 9 /-</u>
2020103160	2020103095	2020103147
<u>G06F 16 /-</u>	<u>G16Y 40 /-</u>	<u>H04N 21 /-</u>
2020103140 2020103160	2020102832 2020103095	2020103123
<u>G06F 17 /-</u>	<u>H01B 7 /-</u>	No IPC Mark
2020103130	2020103125	
<u>G06F 21 /-</u>	<u>H01L 21 /-</u>	
2020103147	2020103112	
<u>G06F 30 /-</u>	<u>H01L 31 /-</u>	
2020103131	2020103112	

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

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 (21) 2019267170 (22) 13.05.2019
 (54) Compositions comprising bacterial strains
 (51) Int. Cl.
 A61K 35/74 (2015.01)
 A23L 33/135 (2016.01)
 A61P 1/00 (2006.01)
 A61P 3/10 (2006.01)
 A61P 11/06 (2006.01)
 A61P 17/06 (2006.01)
 A61P 19/02 (2006.01)
 A61P 35/00 (2006.01)
 A61P 37/00 (2006.01)
 A61P 43/00 (2006.01)
 (87) WO2019/215345
 (31) 1810386.1 (32) 25.06.18 (33) GB
 1813460.1 17.08.18 GB
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 1820264.8 12.12.18 GB
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 (21) 2019267171 (22) 13.05.2019
 (54) Compositions comprising bacterial strains
 (51) Int. Cl.
 A61K 35/74 (2015.01)
 A23L 33/135 (2016.01)
 A61K 39/02 (2006.01)
 A61P 1/00 (2006.01)
 A61P 3/10 (2006.01)
 A61P 11/06 (2006.01)
 A61P 17/06 (2006.01)
 A61P 19/02 (2006.01)
 A61P 35/00 (2006.01)
 A61P 37/00 (2006.01)
 A61P 43/00 (2006.01)
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 (54) Compositions comprising bacterial strains
 (51) Int. Cl.
 A61K 35/741 (2015.01)
 A61K 9/19 (2006.01)
 A61P 1/00 (2006.01)
 A61P 43/00 (2006.01)
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 (54) Dosage form comprising a live biotherapeutic product
 (51) Int. Cl.
 A61K 9/48 (2006.01)
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 A61K 35/74 (2015.01)
 A61K 35/745 (2015.01)
 A61K 35/747 (2015.01)
 A61P 37/00 (2006.01)
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 (54) Mounting apparatus
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 F16L 19/02 (2006.01)
 F16L 23/04 (2006.01)
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 (31) 1810918.1 (32) 03.07.18 (33) GB
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 G01F 11/04 (2006.01)
 A61J 3/07 (2006.01)
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 B41J 3/407 (2006.01)
 B41J 11/00 (2006.01)
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 A01N 43/40 (2006.01)
 A01N 35/04 (2006.01)
 A01N 37/34 (2006.01)
 A01N 37/52 (2006.01)
 A01N 43/54 (2006.01)
 A01N 43/56 (2006.01)
 A01N 43/653 (2006.01)
 A01N 43/78 (2006.01)
 A01N 47/14 (2006.01)
 A01P 3/00 (2006.01)
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A61K 31/5517 (2006.01)
A61K 31/7068 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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A61K 31/4745 (2006.01)
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 (54) Methods for operating a system for management of implantable medical devices (IMDs) using reconciliation operations and revocation data
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H04L 9/00 (2006.01)
 (87) WO2020/092979
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A61N 1/08 (2006.01)
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 (21) 2020268730 (22) 20.04.2020
 (54) Neurostimulation using one or more cycling parameters for a non-pares-thesis stimulation pattern
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A61N 1/36 (2006.01)
A61M 21/02 (2006.01)
A61N 1/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/18 (2006.01)
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 (51) Int. Cl.
A61K 31/444 (2006.01)
A61K 38/05 (2006.01)
A61P 35/00 (2006.01)
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 (54) Compound comprising substance having affinity for antibody, cleavage site and reactive group, or salt thereof
 (51) Int. Cl.
C07K 7/08 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 7/06 (2006.01)
C07K 7/50 (2006.01)
C07K 16/00 (2006.01)
C12P 21/08 (2006.01)
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 2018-205446 31.10.18 JP
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 (21) 2019285354 (22) 14.06.2019
 (54) Substance having affinity for antibody, and compound or salt thereof having bioorthogonal functional group
 (51) Int. Cl.
A61K 47/64 (2017.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 2/00 (2006.01)
C07K 4/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
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C07D 213/81 (2006.01)
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C12N 15/85 (2006.01)
A61K 48/00 (2006.01)
A61P 27/16 (2006.01)
C07K 14/435 (2006.01)
C12N 5/0793 (2010.01)
C12N 15/10 (2006.01)
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- (51) Int. Cl.
D01D 1/06 (2006.01)
B29B 7/32 (2006.01)
B29C 48/36 (2019.01)
D01F 6/92 (2006.01)
D02G 3/44 (2006.01)
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A61K 31/27 (2006.01)
A61K 31/165 (2006.01)
A61P 29/00 (2006.01)
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A61C 7/00 (2006.01)
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- (51) Int. Cl.
A61K 31/4545 (2006.01)
A61P 25/06 (2006.01)
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- (54) Treatment of migraine
- (51) Int. Cl.
A61K 31/4545 (2006.01)
A61P 25/06 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61P 9/00 (2006.01)
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A61B 90/50 (2016.01)
A61B 50/28 (2016.01)
F16D 49/16 (2006.01)
F16D 65/06 (2006.01)
F16M 11/08 (2006.01)
F16M 13/02 (2006.01)
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B65B 3/00 (2006.01)
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H04L 1/00 (2006.01)
H03M 13/00 (2006.01)
H04W 80/00 (2009.01)
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C10B 49/10 (2006.01)
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C07K 16/30 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
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G16H 20/30 (2018.01)
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A61K 51/04 (2006.01)
A61P 25/28 (2006.01)
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A61P 1/04 (2006.01)
G01N 33/50 (2006.01)
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F41H 13/00 (2006.01)
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A61K 51/12 (2006.01)
A61B 18/00 (2006.01)
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A61N 5/10 (2006.01)
G16H 20/40 (2018.01)
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A61M 5/172 (2006.01)
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A61M 5/178 (2006.01)
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tomize dosimetry and sphere selection
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G16H 20/17 (2018.01)
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A61K 51/12 (2006.01)
A61M 5/14 (2006.01)
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C08K 5/527 (2006.01)
C09K 15/32 (2006.01)
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A47C 27/04 (2006.01)
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F16F 3/00 (2006.01)
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A01N 43/54 (2006.01)
A01P 13/00 (2006.01)
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A23L 33/10 (2016.01)
A23L 33/165 (2016.01)
A61K 9/00 (2006.01)
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A61K 31/555 (2006.01)
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A61B 90/00 (2016.01)
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C12N 9/04 (2006.01)
C12P 21/04 (2006.01)
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A61K 38/45 (2006.01)
C12N 9/00 (2006.01)
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A01K 97/08 (2006.01)
A45C 11/00 (2006.01)
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B65D 25/10 (2006.01)
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A61P 1/16 (2006.01)
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C07D 401/10 (2006.01)
C07D 401/14 (2006.01)
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G02B 5/30 (2006.01)
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B32B 27/04 (2006.01)
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H04W 48/10 (2009.01)
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A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07K 16/28 (2006.01)
C12N 15/00 (2006.01)
C40B 30/00 (2006.01)
G01N 33/50 (2006.01)
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B65G 13/07 (2006.01)
B65G 13/071 (2006.01)
B65G 13/11 (2006.01)

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B65G 43/00 (2006.01)
B65G 47/26 (2006.01)
F16H 55/12 (2006.01)
F16H 55/30 (2006.01)
F16H 57/01 (2012.01)
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H01L 31/0216 (2014.01)
H01L 31/048 (2014.01)
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(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4166 (2006.01)
A61P 11/00 (2006.01)
C07D 401/04 (2006.01)
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C07D 405/14 (2006.01)
A61K 31/4166 (2006.01)
A61P 11/00 (2006.01)
C07D 407/14 (2006.01)
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(51) Int. Cl.
A61K 31/4709 (2006.01)
C07D 401/14 (2006.01)
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A61K 9/107 (2006.01)
A61K 9/12 (2006.01)
A61K 31/573 (2006.01)
A61K 47/10 (2017.01)
A61P 17/04 (2006.01)
A61P 17/06 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 21/00 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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G01N 33/497 (2006.01)
A61B 5/08 (2006.01)
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H02J 3/38 (2006.01)
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H02S 40/10 (2014.01)
B08B 1/04 (2006.01)
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(54) Ceiling-embedded air conditioner
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F24F 13/20 (2006.01)
F24F 1/0018 (2019.01)
F24F 1/0047 (2019.01)
F24F 13/065 (2006.01)
F24F 13/32 (2006.01)
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(51) Int. Cl.
F24F 13/20 (2006.01)
F24F 13/06 (2006.01)
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(51) Int. Cl.

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F17C 3/02 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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- (51)** Int. Cl.
C12M 1/00 (2006.01)
C12M 1/36 (2006.01)
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(54) Systems and methods for improved parametric modeling of structures
(51) Int. Cl.
G06T 17/05 (2011.01)
G06T 15/00 (2011.01)
G06T 17/20 (2006.01)
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(54) Computer vision systems and methods for modeling roofs of structures using two-dimensional and partial three-dimensional data
(51) Int. Cl.
G06T 7/13 (2017.01)
B61D 17/12 (2006.01)
G01B 3/14 (2006.01)
G06T 7/564 (2017.01)
G06T 15/08 (2011.01)
G06T 17/10 (2006.01)
G06T 19/20 (2011.01)
H04N 5/347 (2011.01)
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G06K 9/20 (2006.01)
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G01V 1/28 (2006.01)
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C12N 9/88 (2006.01)
C12P 5/02 (2006.01)
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(51) Int. Cl.
C07C 311/16 (2006.01)
A61K 31/18 (2006.01)
A61K 31/4406 (2006.01)
A61P 3/00 (2006.01)
A61P 5/00 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 19/08 (2006.01)
A61P 25/28 (2006.01)
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C07D 213/34 (2006.01)
C07D 307/82 (2006.01)
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(51) Int. Cl.
B01L 3/00 (2006.01)
C12M 1/42 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/09 (2006.01)

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(54) Shift control method and device
(51) Int. Cl.

F16H 59/44 (2006.01)
B60W 10/113 (2012.01)
F16H 59/68 (2006.01)
F16H 59/70 (2006.01)
F16H 61/04 (2006.01)

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(54) Systems and methods for automating customer interactions with enterprises
(51) Int. Cl.

H04M 3/493 (2006.01)
H04M 3/50 (2006.01)
H04M 3/51 (2006.01)
H04M 3/523 (2006.01)

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(54) Systems and methods for an improved wireless underground communication system
(51) Int. Cl.

G01N 27/04 (2006.01)
A01G 7/00 (2006.01)
A01G 25/16 (2006.01)
G01N 27/22 (2006.01)
G01W 1/02 (2006.01)

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H04W 72/04 (2009.01)

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(54) Method and device for improving reliability of paging , and computer storage medium

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H04W 76/27 (2018.01)
H04W 76/20 (2018.01)

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(51) Int. Cl.
H02J 7/00 (2006.01)

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H04W 68/00 (2009.01)

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H04W 72/04 (2009.01)

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(54) Method for transmitting uplink signal, and terminal device

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H04W 72/10 (2009.01)
H04W 72/04 (2009.01)

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H04W 76/00 (2018.01)
H04W 24/10 (2009.01)

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(54) Method for transmitting downlink signal and terminal device

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H04W 72/04 (2009.01)
H04L 5/00 (2006.01)

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(54) Method and device for communicating system information update information

(51) Int. Cl.
H04W 48/12 (2009.01)
H04W 48/16 (2009.01)
H04W 88/02 (2009.01)
H04W 88/08 (2009.01)

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 (54) Method, apparatus and terminal for service transmission
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H04W 28/00 (2009.01)
 (87) WO2019/223698
 (31) 62/674,087 (32) 21.05.18 (33) US
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 (72) XU, Jing
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 (54) Method for communication in vehicle to everything, terminal device, and network device
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H04W 4/00 (2018.01)
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 (54) Prostaglandin F2 alpha derivatives for decreasing intraocular pressure
 (51) Int. Cl.
C07C 405/00 (2006.01)
A61K 31/5575 (2006.01)
A61P 27/00 (2006.01)
C07D 207/08 (2006.01)
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 (74) Armour IP Pty Ltd
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- (71) GWA Hygiene GmbH
 (11) AU-A-2019286466
 (21) 2019286466 (22) 11.06.2019
 (54) Re-usable sensor module for use with a dispenser of a hand hygiene product
 (51) Int. Cl.
G01G 17/04 (2006.01)
A47K 5/12 (2006.01)
G01F 23/20 (2006.01)
G01F 23/292 (2006.01)
G01G 21/22 (2006.01)
G08B 21/24 (2006.01)
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E04B 1/04 (2006.01)
E04B 1/38 (2006.01)
E04B 1/61 (2006.01)
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B23K 26/342 (2014.01)
C22C 38/02 (2006.01)
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C08G 77/20 (2006.01)
C08L 33/04 (2006.01)
C08L 63/00 (2006.01)
C08L 83/04 (2006.01)
G01N 15/14 (2006.01)
G01N 33/49 (2006.01)
G03F 7/004 (2006.01)
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C08G 59/30 (2006.01)
C08L 63/00 (2006.01)
G01N 15/14 (2006.01)
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A61K 31/47 (2006.01)
A61P 11/00 (2006.01)
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A61K 31/165 (2006.01)
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A61P 31/04 (2006.01)
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C07D 295/155 (2006.01)
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B32B 5/24 (2006.01)
B32B 27/08 (2006.01)
B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
E04F 15/10 (2006.01)
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H04W 4/80 (2018.01)
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A61P 25/00 (2006.01)
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A61P 3/00 (2006.01)
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C12N 15/00 (2006.01)
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A61P 1/04 (2006.01)
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C07K 14/005 (2006.01)
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A61P 29/00 (2006.01)
C07D 231/54 (2006.01)
C07D 235/02 (2006.01)
C07D 401/04 (2006.01)
C07D 401/10 (2006.01)
C07D 403/04 (2006.01)
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G06F 17/10 (2006.01)
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G01N 33/58 (2006.01)
B82Y 15/00 (2011.01)
C07K 16/00 (2006.01)
G01N 33/08 (2006.01)
G01N 33/551 (2006.01)
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C07D 311/92 (2006.01)
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C08K 5/1545 (2006.01)
C09B 57/00 (2006.01)
C09K 9/02 (2006.01)
G02B 5/23 (2006.01)
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A23G 3/42 (2006.01)
A23G 4/10 (2006.01)
A23L 29/212 (2016.01)
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H01L 31/101 (2006.01)
G01J 1/42 (2006.01)
H01L 31/0264 (2006.01)
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H04L 12/70 (2013.01)
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B05B 1/06 (2006.01)
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G01N 1/28 (2006.01)
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E05B 63/00 (2006.01)
E05B 1/00 (2006.01)
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A61M 16/00 (2006.01)
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A61K 31/58 (2006.01)
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A61K 45/06 (2006.01)
A61P 25/24 (2006.01)
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F23J 15/00 (2006.01)
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B29B 17/02 (2006.01)
C08J 11/06 (2006.01)
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F16G 15/02 (2006.01)
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A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
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C12Q 1/02 (2006.01)
C12Q 1/04 (2006.01)
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C07C 211/54 (2006.01)
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B41F 17/00 (2006.01)
B41F 27/02 (2006.01)
B41M 3/14 (2006.01)
B42D 25/369 (2014.01)
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C09D 11/037 (2014.01)
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A61P 35/00 (2006.01)
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C07D 413/14 (2006.01)
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B25H 1/00 (2006.01)
B66F 7/06 (2006.01)
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B66F 7/28 (2006.01)
E21D 15/50 (2006.01)
F16M 11/00 (2006.01)
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 sulphate employing an amino com-
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G06Q 10/10 (2012.01)
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G06Q 10/04 (2012.01)
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B65D 88/74 (2006.01)
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F17C 1/00 (2006.01)
F17C 1/12 (2006.01)
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B63B 21/50 (2006.01)
A01K 61/65 (2017.01)
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A01N 43/54 (2006.01)
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C07D 401/12 (2006.01)
A01N 43/56 (2006.01)
A01P 3/00 (2006.01)
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C07D 401/12 (2006.01)
A01N 43/54 (2006.01)
A01P 7/04 (2006.01)
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 centrated photovoltaic power genera-
 tion module, and light emitting module
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H05K 1/02 (2006.01)
H01L 31/054 (2014.01)
H02S 40/22 (2014.01)
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B25J 5/00 (2006.01)
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 proving effervescence retainability of
 sparkling beverage
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A23L 2/00 (2006.01)
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C12M 1/00 (2006.01)
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F41H 13/00 (2006.01)
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C12Q 1/6806 (2018.01)
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2019271312	Quantum Spring Research Pty Ltd	2019277664	Novelis Inc.
2019271408	Bellerophon Therapeutics	2019277668	Presage Biosciences, Inc.
2019271416	Wilverex Pty Ltd	2019277882	Vivo Mobile Communication Co., Ltd.
2019271421	Mirage 3.4D Pty Ltd	2019277908	BioLineRx Ltd.
2019271729	Subsea Farming AS	2019277920	Immunity Pharma Ltd.
2019271799	Xgene Pharmaceutical Inc.	2019277933	Jiangsu Chia Tai Fenghai Pharmaceutical Co., Ltd.
2019271812	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.; Suncadia Pharmaceuticals Co., Ltd	2019278015	Hua Medicine (Shanghai) Ltd.
2019271824	Huawei Technologies Co., Ltd.	2019278062	Fujitsu General Limited
2019272296	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019278063	Fujitsu General Limited
2019272384	BeiGene, Ltd.	2019278146	Great Wall Motor Company Limited
		2019278306	Soudal
		2019278558	Sato Pharmaceutical Co., Ltd.
		2019278617	Saperatec GmbH
		2019278628	Daiichi Sankyo Company, Limited
		2019278632	ENEOS Corporation
		2019278634	ENEOS Corporation; Tokico System Solutions, Ltd.
		2019278791	Absolute Genius Limited
		2019278797	Metso Sweden AB

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

2019278862	Flex Ltd.; ZHOU, L.	2019282317	Ecoblab USA Inc.
2019278877	Razor USA LLC	2019282327	ChemoCentryx, Inc.
2019278884	DTx Pharma, Inc.	2019282362	The Institute for Ethnomedicine
2019278903	HELA Novel Metals, LLC	2019282394	GazTransport et Technigaz
2019278930	Kimberly-Clark Worldwide, Inc.	2019282407	The Secretary of State for Defence
2019278936	Regeneron Pharmaceuticals, Inc.	2019282414	Selux Diagnostics, Inc.
2019278950	PayPal, Inc.	2019282420	Epizon Pharma, Inc.
2019278974	TuSimple, Inc.	2019282421	Epizon Pharma, Inc.
2019279011	Santa Anna Tech LLC	2019282423	Tyco Fire Products LP
2019279025	Orb XYZ, Inc.	2019282460	Enertechnos Holdings Limited
2019279085	S2 Genomics, Inc.	2019282485	Kyoto University; IHI Corporation
2019279311	Centrics Bio	2019282530	Oncoimmune, Inc.; University of Maryland, Baltimore
2019279392	Sagetech Medical Equipment Limited	2019282560	The United States of America, as represented by The Secretary, Department of Health and Human Services
2019279453	Prores AS		
2019279456	Composite Developments NZ Limited	2019282563	Imperio, L.; Carlberg, C.
2019279457	Pavement Analytics Limited	2019282626	BioAtla, Inc.
2019279587	ARRIS Enterprises LLC	2019282713	Artugen Therapeutics Ltd.
2019279596	Baker Hughes Holdings LLC	2019282721	Monsanto Technology LLC
2019279768	Landis+Gyr Technologies, LLC	2019282743	EnVision Endoscopy
2019280219	Efremkin, P.	2019282761	The Brigham and Women's Hospital, Inc.
2019280259	Federation University Australia	2019282765	Tufts University
2019280285	Saipem S.p.A.	2019282766	Dentsply Sirona Inc.
2019280441	Hagane Pty Ltd	2019282767	Seagen Inc.
2019280457	Klox Technologies Inc.	2019282769	Smiths Medical ASD, Inc.
2019280475	KA Imaging Inc.	2019282808	MannKind Corporation
2019280514	Bayer Animal Health GmbH	2019282824	Intellia Therapeutics, Inc.
2019280517	Bayer Animal Health GmbH	2019282836	Cullinan Management, Inc.
2019280518	Blink AG	2019282986	Mizuno Corporation
2019280571	Myriad Women's Health, Inc.	2019283225	Yokogawa Electric Corporation
2019280606	EuroChem Agro GmbH	2019283310	Bayer Aktiengesellschaft
2019280688	Elemental Scientific Lasers, LLC	2019283314	King's College London; GammaDelta Therapeutics Limited
2019280690	BAYER, S.		
2019280705	Wi-Tronix, LLC	2019283368	i-SENS, Inc.
2019280709	Monsanto Technology LLC	2019283403	Viega Technology GmbH & Co. KG
2019280712	The Regents of The University of California	2019283445	Benchmark Animal Health Limited
2019280822	Arena Pharmaceuticals, Inc	2019283457	Fisher & Paykel Healthcare Limited
2019280841	The tru Shrimp Company	2019283459	HODGES, M.R.
2019280850	Intra-Cellular Therapies, Inc.	2019283520	Institute for Basic Science; Korea Advanced Institute of Science and Technology
2019280855	DataRobot, Inc.		
2019280867	Lexent Bio, Inc.	2019283639	APO-T B.V.
2019280914	Fine Agrochemicals Limited	2019283649	Minoryx Therapeutics S.L.
2019280980	Ovid Therapeutics Inc.	2019283650	Minoryx Therapeutics S.L.
2019281015	Forschungsverbund Berlin E.V.	2019283656	La Marzocco S.r.l.
2019281034	Johann Wolfgang Goethe-Universität Frankfurt am Main	2019283669	Allergan Pharmaceuticals International Limited
2019281042	Implant Protesis Dental 2004 S.L.	2019283670	Allergan Pharmaceuticals International Limited
2019281142	Lesaffre et Compagnie	2019284210	Monoquant Pty Ltd
2019281144	Lesaffre et Compagnie	2019284211	Monoquant Pty Ltd
2019281147	Nippon Kayaku Co., Ltd.; Meiji Seika Pharma Co., Ltd.	2019284234	Ketofibe (9211-3133 Quebec Inc.)
2019281200	University of Leicester	2019284248	OPTI-THERA Inc.; Les Laboratoires Servier
2019281204	Conquering Horizons Ltd	2019284269	Wing Aviation LLC
2019281220	BP Exploration Operating Company Limited	2019284358	Monsanto Technology LLC
2019281221	BP Exploration Operating Company Limited	2019284362	University of Florida Research Foundation, Inc.
2019281327	IVC BV	2019284403	Beijing SMTP Technology Co., Ltd.
2019281328	IVC BV	2019284620	Zephyros, Inc.
2019281358	LamKap Bio beta Ltd.	2019284759	CommScope Technologies LLC
2019281676	Beijing Geekplus Technology Co., Ltd.	2019284765	Merck Patent GmbH
2019281727	Becton, Dickinson and Company	2019284778	The Vanguard Group, Inc.
2019281775	ChargeltSpot, LLC	2019284814	Rodenstock GmbH
2019281799	Data Integrity Advisors, LLC	2019284882	NOWDiagnostics, Inc.
2019281866	GeoQuest Systems B.V.	2019284918	Karsten Manufacturing Corporation
2019281965	Apple Inc.	2019284927	PhoneSoap LLC
2019282044	Oncoimmune, Inc.	2019285044	Loma Linda University; Loma Linda University Medical Center; Faculty Physicians and Surgeons of Loma Linda University School of Medicine
2019282047	Corcept Therapeutics Incorporated		
2019282094	University of Copenhagen	2019285048	The Scripps Research Institute
2019282098	Exscientia Ltd; Evotec International GmbH	2019285054	The Government of the United States of America, as represented by the Secretary of the Navy
2019282155	ChemistryRx.; BRICHTA, L.		
2019282206	The Dynamic Engineering Solution Pty Ltd	2019285065	Enterin, Inc.
2019282207	The Dynamic Engineering Solution Pty Ltd	2019285082	KWS SAAT SE & Co. KGaA
2019282224	The Dynamic Engineering Solution Pty Ltd	2019285083	KWS SAAT SE & Co. KGaA
2019282240	Zuora, Inc.	2019285085	KWS SAAT SE & Co. KGaA
2019282248	ImaginAb, Inc.	2019285186	Regenxbio Inc.
2019282263	Monsanto Technology LLC		

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

2019285298	Ovid Therapeutics Inc.	2019288844	Nucleario
2019285317	Roquette Freres	2019288931	Epax Norway AS
2019285351	Panasonic Intellectual Property Corporation of America	2019289150	Greeneden U.S. Holdings II, LLC
2019285353	Ajinomoto Co., Inc.	2019289168	Thales Holdings UK PLC
2019285354	Ajinomoto Co., Inc.	2019289189	EA Technology Limited
2019285392	Kheiron Medical Technologies Ltd	2019289190	4D Pharma Research Ltd
2019285393	Kheiron Medical Technologies Ltd	2019289222	Janssen Pharmaceutica NV
2019285394	Kheiron Medical Technologies Ltd	2019289223	Janssen Pharmaceutica NV
2019285470	DePuy Synthes Products, Inc.	2019289288	Innerflame Pty Ltd
2019285511	Holcim Technology Ltd	2019289392	Vivo Mobile Communication Co., Ltd.
2019285766	Sennics Co., Ltd.	2019289398	Changzhou Qianhong Biopharma Co., Ltd; Changzhou Le Sun Pharmaceuticals Co., Ltd.
2019285839	BAE Systems PLC	2019289489	Schmiedestück-Vertrieb Feuerstein GmbH
2019285840	BAE Systems PLC	2019289611	FERNÁNDEZ-FREITAS, A.; BAKAN, A.
2019285841	BAE Systems plc	2019289694	Top Cap Holding GmbH
2019285867	Kawasaki Jukogyo Kabushiki Kaisha	2019289700	Top Cap Holding GmbH
2019285877	Mitsui Chemicals Agro, Inc.	2019289707	BASF SE
2019286051	Blue Skies 1989 B.V.	2019289917	Cellestia Biotech AG
2019286055	HatchTech Group B.V.	2019290138	PGS Geophysical AS; TENGHAMN, S.R.L.
2019286084	China University of Mining and Technology	2019290163	Merck Sharp & Dohme Corp.
2019286115	Kahrs Hansen AS	2019290170	Regeneron Pharmaceuticals, Inc.
2019286163	DuPont Safety & Construction, Inc.	2019290182	Hologic, Inc.
2019286186	Orkla House Care AB	2019290192	Shattuck Labs, Inc.
2019286258	UV Partners, Inc.	2019290206	Lubris LLC
2019286312	F. Hoffmann-La Roche AG	2019290318	Concentus Properties AB
2019286313	Haldor Topsøe A/S	2019290345	Xylonix IP Holdings Pte. Ltd.
2019286316	Essilor International	2019290401	Shockwave Medical, Inc.
2019286329	Essilor International	2019290457	Polyfuzze Graphics Corporation
2019286344	Baylor College of Medicine	2019290547	Cryoport, Inc.
2019286345	The Council of the Queensland Institute of Medical Research	2019290568	Impact Selector International, LLC
2019286406	Kentucky BioProcessing, Inc.	2019290632	Tronox LLC
2019286466	GWA Hygiene GmbH	2019290638	Kellogg Company
2019286511	Kyoto Biopharmaceuticals, Inc.	2019290655	Pryon Incorporated
2019286524	Navitor Pharmaceuticals, Inc.	2019290680	UOP LLC
2019286531	Reata Pharmaceuticals, Inc.	2019290955	Moogene Medi Co., Ltd.
2019286700	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	2019291099	Janssen Pharmaceutica NV
2019286750	Coloplast A/S	2019291101	Janssen Pharmaceutica NV
2019286808	Desarrollos Biomecánicos Innovasan S.L.	2019291136	Molecular Plasma Group SA
2019287212	Nippon Telegraph and Telephone Corporation	2019291267	Haygrove Limited
2019287309	Sumitomo Chemical Company, Limited	2019291421	Huawei Technologies Co., Ltd.
2019287313	Otsuka Pharmaceutical Co., Ltd.	2019291452	Dometic Sweden AB
2019287370	4D Pharma Research Ltd	2019291494	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019287395	Geomni, Inc.	2019291565	Novartis AG
2019287397	Geomni, Inc.	2019291567	Adama Makhteshim Ltd.
2019287432	Lucid Circuit, Inc.	2019291580	Johnson & Johnson Consumer Inc.
2019287443	Inventprise, LLC	2019291640	Western Clinical Engineering Ltd.
2019287467	The Procter & Gamble Company	2019291653	Sointek S.R.L.
2019287477	Rutgers, The State University of New Jersey	2019291668	Vault Security Systems AG
2019287491	Sage Therapeutics, Inc.	2019291788	Integrity Implants, Inc.
2019287495	The Water Company , LLC	2019291806	Biogen MA Inc.
2019287498	University Of Washington; The University of Montana	2019291812	Arrinex, Inc.
2019287623	Proclara Biosciences, Inc.	2019291861	Precigen, Inc.
2019287659	VaxNewMo LLC	2019291940	Lucid Software, Inc.
2019287676	The University of North Carolina at Chapel Hill; The General Hospital Corporation	2019291942	Lucid Software, Inc.
2019287741	Einzig, M.; Simpson, A.	2019291969	Geomni, Inc.
2019287743	Evolusun Inc .	2019291975	NEXTracker Inc.
2019287765	Flagship Pioneering Innovations V, Inc.	2019292003	Align Technology, Inc.
2019288136	Eureka Therapeutics, Inc.	2019292188	Sunrise R&D Holdings, LLC
2019288151	Schlumberger Technology B.V.	2019292316	Bionic 8 Analytics Ltd.
2019288152	Butterfly Network, Inc.	2019292493	Technoblock Sinop AS
2019288208	Oakbio, Inc.	2019292498	COULTER, G.
2019288273	Cephea Valve Technologies, Inc.	2019292939	The Trustees of Indiana University
2019288289	Cornell University	2019293020	K.K. CYBO
2019288363	Terbium Labs, Inc.	2019293111	Sumitomo Electric Industries, Ltd.
2019288379	Tronox LLC	2019293250	Profusa, Inc.
2019288394	Quantum-Si Incorporated	2019293260	Forma Therapeutics, Inc.
2019288765	Merck Patent GmbH	2019293286	CRISPR Therapeutics AG
2019288813	Ohio State Innovation Foundation; Hendrix College	2019293522	Vechain Global Technology S.A.R.L
2019288818	Cargill, Incorporated	2019293579	The Doshisha
2019288820	Cargill, Incorporated	2019293687	Nippon Shinyaku Co., Ltd.
		2019293704	Preomics GmbH

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

2019294099	Ferag AG	2019301655	Davol Inc.
2019294154	PepsiCo, Inc.	2019301697	IL-2Rx Inc.
2019294262	Shell Internationale Research Maatschappij B.V.	2019301850	ADC Therapeutics SA; MedImmune Limited
2019294392	Ferrosan Medical Devices A/S	2019301887	Boehringer Ingelheim International GmbH
2019294497	Dentsply Sirona Inc.	2019301956	Novocure GmbH
2019294724	Boston Scientific Scimed, Inc.	2019302139	Keio University; Heartseed Inc.
2019294836	Dana-Farber Cancer Institute, Inc.	2019302152	National University Corporation Kobe University; Daiichi Sankyo Company, Limited
2019294838	Ionis Pharmaceuticals, Inc.	2019302353	Microsoft Technology Licensing, LLC
2019295331	Depuy Ireland Unlimited Company	2019302422	Codexis, Inc.
2019295411	Royal Melbourne Institute of Technology	2019302423	Codexis, Inc.
2019295414	ASSA ABLOY Australia Pty Limited	2019303002	Syntach AG
2019295415	ASSA ABLOY Australia Pty Limited	2019303114	Mitsubishi Electric Corporation
2019295419	Breville Pty Limited	2019303954	Shell Internationale Research Maatschappij B.V.
2019295421	University of Tasmania	2019304180	Pursell Agri-Tech, LLC; Huntsman International LLC
2019295426	Breville Pty Limited	2019304530	MaaT Pharma
2019295427	Breville Pty Limited	2019304910	Raytheon Company
2019295499	Alberta Health Services; Université Laval	2019305036	Illumina, Inc.; Illumina Cambridge Limited
2019295575	Iconex LLC	2019305068	Hyperfine Research, Inc.
2019295794	Lucid Software, Inc.	2019305159	Novocure GmbH
2019295851	Munters Corporation	2019305982	Inventio AG
2019296376	Intervet International B.V.	2019306074	Microsoft Technology Licensing, LLC
2019296380	Intervet International B.V.	2019306302	Allflex Europe
2019296451	Wuhan Neurophth Biotechnology Limited Company	2019306525	Anellotech, Inc
2019296513	Nutrifield Pty Ltd	2019306658	F. Hoffmann-La Roche AG
2019296941	Höganäs AB (publ)	2019306733	Benit M Co., Ltd.
2019296943	Höganäs AB	2019306778	Oxford Nanopore Technologies Limited
2019297020	Global Bioenergies	2019307239	The University of Sydney; Western Sydney Local Health District
2019297026	RTX A/S	2019307637	Illumina, Inc.; Illumina Cambridge Limited
2019297029	RTX A/S	2019307836	Oxford Nanopore Technologies Limited
2019297130	llumina, Inc.	2019307885	Bitdefender IPR Management Ltd
2019297326	Kedalion Therapeutics, Inc.	2019307935	Aladdin Manufacturing Corporation
2019297408	BASF SE	2019308479	Northrop Grumman Systems Corporation
2019297409	Helmholtz-Zentrum für Infektionsforschung GmbH	2019308863	DSM IP Assets B.V.
2019297546	FairShares, Inc.	2019309171	Fronius International GmbH
2019297554	Qualizyme Diagnostics GmbH & Co KG	2019309255	Electrolux Appliances Aktiebolag
2019297617	Britannia Engineering (Isle of Man) Limited	2019309265	Electrolux Appliances Aktiebolag
2019297764	Kao Corporation	2019309667	American Sterilizer Company
2019297796	Kool Global Solutions Pty Ltd	2019309668	American Sterilizer Company
2019297918	Sumitomo Chemical Company, Limited	2019309694	Rafael Pharmaceuticals, Inc.
2019298227	Edwards Lifesciences Corporation	2019309727	Novartis AG
2019298549	Sumitomo Chemical Company, Limited	2019310015	American Sterilizer Company
2019298584	Bosonic AG	2019310543	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019298748	Innospec Limited	2019310919	F. Hoffmann-La Roche AG
2019299000	Merlin Solar Technologies, Inc.	2019311340	Sense Biodetection Limited
2019299216	Fennec Pharmaceuticals, Inc.	2019311595	Mitsubishi Tanabe Pharma Corporation
2019299319	ACTEGA North America Technologies, Inc.	2019312330	China University of Mining and Technology
2019299321	Regeneron Pharmaceuticals, Inc.	2019312411	Nanjing Legend Biotech Co., Ltd.
2019299352	Agios Pharmaceuticals, Inc.	2019312469	Hilti Aktiengesellschaft
2019299434	The General Hospital Corporation	2019312471	Atlas Elektronik GmbH; thyssenkrupp AG
2019299533	Chang, E.; Patel, C.; Gambhir, S.; Voloshin-Sela, T.; Porat, Y.; Giladi, M.	2019313237	Northrop Grumman Systems Corporation
2019299609	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2019313525	Basilea Pharmaceutica International AG
2019299666	Pfizer Inc.	2019314168	Northrop Grumman Systems Corporation
2019299671	MEDŘICKÝ, H.; STEPAN, D.; JESENSKY, D.	2019314196	Amgen Inc.
2019299860	Avent, Inc.	2019315141	Ricoh Company, Ltd.
2019299907	Fresenius Vial SAS	2019315800	Boston Scientific Scimed, Inc.
2019299947	Eli Lilly and Company	2019316160	Immatics Biotechnologies GmbH
2019300019	GPB Scientific, Inc.; The Trustees of Princeton University; University of Maryland, Baltimore	2019316498	Stand Technologies Pty Ltd
2019300045	Akouos, Inc.	2019316523	Husqvarna AB
2019300069	Subsea 7 Norway AS	2019317217	Fast Build Systems Pty Ltd
2019300223	Genmab A/S	2019318450	Société Des Produits Nestlé SA
2019300405	Kemira Oyj	2019319172	MEHTA, R.
2019300452	Debiotech S.A.	2019320024	Talex Co., Ltd.
2019300633	Daikin Industries, Ltd.	2019320493	Electrolux Appliances Aktiebolag
2019300777	Integrity Security Services LLC	2019322538	F. Hoffmann-La Roche AG
2019300836	Codexis, Inc.	2019324479	KYOCERA Fineceramics Precision GmbH
2019300837	Codexis, Inc.	2019325148	Northrop Grumman Systems Corporation
2019300838	Codexis, Inc.	2019326312	Halliburton Energy Services, Inc.
2019300852	Millennium Pharmaceuticals, Inc.	2019327392	TTi (Macao Commercial Offshore) Limited
2019301615	APPLE INC.	2019327403	Hendrickson USA, L.L.C.

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2019329706	TTi (Macao Commercial Offshore) Limited
2019335063	Commonwealth Scientific and Industrial Research Organisation
2019336492	F. Hoffmann-La Roche AG
2019341703	Denka Company Limited
2019341728	Indoor Robotics Ltd
2019342317	Illumina, Inc.
2019347922	Boston Scientific Scimed, Inc.
2019348787	numares AG
2019353533	VitalTrace Pty Ltd
2019359024	Waterise AS
2019360278	Shenzhen Noposion Agrochemicals Co., Ltd.
2019371418	Advanced Neuromodulation Systems, Inc.
2019372424	Advanced Neuromodulation Systems, Inc.
2019373402	Commonwealth Scientific and Industrial Research Organisation
2019374098	Illumina, Inc.; Illumina Singapore Pte. Ltd.
2019374132	Advanced Neuromodulation Systems, Inc.
2019374133	Advanced Neuromodulation Systems, Inc.
2019380226	Groguru, Inc.
2019385458	Ascentage Pharma (Suzhou) Co., Ltd.; Ascentage Pharma Group Corp Limited
2019387191	Jossi Holding AG
2019391093	Illumina, Inc.; Illumina Cambridge Limited; Illumina Singapore Pte. Ltd.
2019391274	Illumina Cambridge Limited
2019393104	Beijing Chunlizhengda Medical Instruments Co., Ltd
2019394476	Beijing Chunlizhengda Medical Instruments Co., Ltd
2019400090	Illumina Cambridge Limited
2019406313	Illumina, Inc.
2019407218	Illumina Cambridge Limited
2019411266	Illumina Cambridge Limited
2019411267	Illumina Cambridge Limited
2019411272	Illumina Cambridge Limited
2019412494	Illumina Cambridge Limited
2019412598	Mizkan Holdings Co., Ltd.
2019414279	Nihon Yamamura Glass Co., Ltd.
2019420431	Sekisui House, Ltd.
2019422318	Illumina, Inc.; Illumina Cambridge Limited
2019422603	Beijing Mabworks Biotech Co. Ltd.; Beijing Mabridge Biopharmaceutical Co., Ltd.
2019424137	ASICS Corporation
2019437369	Wacker Chemie AG
2019437422	Wacker Chemie AG
2019438696	Shandong University
2019439424	Instrumentation Laboratory Company
2019439936	Shandong University
2019439997	China University of Mining and Technology
2019440118	Wacker Chemie AG
2019440163	Instrumentation Laboratory Company
2019444676	Shandong Academy of Agricultural Machinery Sciences
2020205234	GEA Mechanical Equipment Italia S.P.A.
2020215640	Illumina, Inc.
2020216291	Illumina, Inc.
2020216794	Illumina, Inc.
2020230955	Illumina Cambridge Limited
2020233166	Illumina Cambridge Limited
2020241905	Illumina, Inc.
2020247472	Illumina Cambridge Limited
2020249779	Oxford Flow Limited
2020256047	Illumina, Inc.
2020259186	Flexicon Corporation
2020259803	H-E Parts International Crushing Solutions Ptd Ltd
2020268730	Advanced Neuromodulation Systems, Inc.
2020273459	Illumina, Inc.
2020273629	Shandong University
2020275509	Amimon Ltd.
2020276115	Illumina, Inc.
2020279259	Capital Hardware Supply, LLC
2020281397	Beijing Institute of Technology

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2019444676	2019306302	<u>A01N 39 /-</u>	2019360278	2019280514	2019280690
<u>A01D 41 /-</u>	<u>A01K 31 /-</u>	2019280709	<u>A23B 7 /-</u>	2019280517	<u>A47C 27 /-</u>
2019272876	2019286055	<u>A01N 43 /-</u>	2019412598	<u>A23L 5 /-</u>	2019280690
2019277192	<u>A01K 45 /-</u>	2019275071	<u>A23G 1 /-</u>	2019288818	<u>A47G 23 /-</u>
<u>A01D 45 /-</u>	2019286055	2019281147	2019268675	2019288820	2019271416
2019277192	<u>A01K 61 /-</u>	2019282263	<u>A23G 3 /-</u>	2019290638	<u>A41D 1 /-</u>
<u>A01D 46 /-</u>	2019271729	2019283310	2019285317	2018428047	<u>A47J 27 /-</u>
2019272876	2019280841	2019283445	<u>A23G 4 /-</u>	<u>A41D 27 /-</u>	2019295426
<u>A01D 57 /-</u>	2019286115	2019287309	2019285317	2018428047	<u>A47J 31 /-</u>
2019277192	<u>A01K 63 /-</u>	2019288289	<u>A23K 10 /-</u>	2019289611	2019283656
<u>A01D 63 /-</u>	2019280841	2019291567	2019264860	<u>A41D 3 /-</u>	2019295419
2019277192	<u>A01K 67 /-</u>	2019297918	2019281142	2018428047	2019318450
<u>A01F 12 /-</u>	2019286406	2019298549	2019281144	<u>A41D 7 /-</u>	<u>A47J 36 /-</u>
2019272876	<u>A01K 7 /-</u>	2019360278	2019288208	2019282986	2019295426
<u>A01F 7 /-</u>	2019262696	<u>A01N 47 /-</u>	<u>A23K 20 /-</u>	<u>A43B 23 /-</u>	<u>A47J 43 /-</u>
2019272876	<u>A01K 75 /-</u>	2019281147	2019264860	2019424137	2019295426
<u>A01G 13 /-</u>	2019286115	2019283445	2019277198	<u>A43B 5 /-</u>	<u>A47K 5 /-</u>
2019288844	<u>A01K 97 /-</u>	2019360278	2019277371	2019277367	2019268585
<u>A01G 23 /-</u>	2019279456	<u>A01N 51 /-</u>	2019277371	2019277373	2019286466
2019264109	<u>A01N 1 /-</u>	2019280914	2019281142	<u>A43C 11 /-</u>	<u>A47L 11 /-</u>
2019275194	2019304530	2019281147	2019281144	2019279456	2019262467
<u>A01G 25 /-</u>	<u>A01N 25 /-</u>	2019297764	<u>A23K 40 /-</u>	<u>A45C 13 /-</u>	2019262468
2019380226	2019269525	2019360278	2019277198	2019279456	2019327392
<u>A01G 27 /-</u>	2019281147	<u>A01N 53 /-</u>	2019280514	<u>A45D 42 /-</u>	2019329706
2019288844	2019297764	2019269525	2019280517	2019268544	<u>A47L 5 /-</u>
<u>A01G 7 /-</u>	2019360278	<u>A01P 1 /-</u>	2019281142	<u>A45D 44 /-</u>	2019327392
2019286051	<u>A01N 27 /-</u>	2019288289	2019288208	<u>A45D 44 /-</u>	2019295419
2019380226	2019280914	<u>A01P 13 /-</u>	2019288820	2019268544	2019327392
<u>A01G 9 /-</u>	<u>A01N 31 /-</u>	2019280709	<u>A23L 19 /-</u>	<u>A45F 5 /-</u>	<u>A47L 9 /-</u>
2019286051	2019214975	2019283310	2018425646	2018422649	2019262467
2019291267	<u>A01N 33 /-</u>	2019297764	2019270689	<u>A46B 3 /-</u>	2019262468
<u>A01H 4 /-</u>	2019280709	<u>A01P 15 /-</u>	2019286344	2019286186	2019262482
2019285082	<u>A01N 35 /-</u>	2019283445	<u>A23L 27 /-</u>	<u>A46D 3 /-</u>	2019327392
2019285083	2019282263	<u>A01P 3 /-</u>	2019294154	2019286186	<u>A61B 1 /-</u>
2019285085	2019291567	2019280709	<u>A23L 29 /-</u>	<u>A47B 31 /-</u>	2019294724
<u>A01H 5 /-</u>	<u>A01N 37 /-</u>	2019283310	2019285317	2019289288	2019315800
2019285082	2019269525	2019297918	<u>A23L 3 /-</u>	<u>A47B 77 /-</u>	2019320024
2019285083	2019280914	2019281147	2019412598	2019290318	<u>A61B 17 /-</u>
2019285085	2019282263	2019291567	<u>A23L 33 /-</u>		2019262677
	2019283445	2019297918	2019267170		2019280219
	2019285877	2019287309			2019282743
	2019285877				2019284403
					2019285470

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

2019290401	2019281042	<u>A61J 1/-</u>	2019282808	2019287676	
2019291640			2019283445	2019287765	<u>A61K 45/-</u>
2019291788	<u>A61C 13/-</u>	2019294392	2019283649	2019289190	
2019295331			2019283650	2019291861	2019270277
2019298227	2019292003	<u>A61J 15/-</u>	2019283669	2019304530	2019279311
2019298584	2019294497		2019283670	2019312411	2019280514
2019301655		2019269062	2019284234		2019280517
2019303002	<u>A61C 5/-</u>		2019284765	<u>A61K 36/-</u>	2019280850
2019315800		<u>A61J 3/-</u>	2019285044		2019283520
2019347922	2019271305		2019285065	2019264860	2019287491
		2019265238	2019285298	2019268407	2019287765
<u>A61B 18/-</u>	<u>A61C 7/-</u>		2019286312	2019269525	2019288813
		<u>A61J 7/-</u>	2019286531	2019282765	2019290345
2019266407	2019271305		2019287313	2019319172	2019310919
2019269706	2019292003	2019267308	2019287491		2019385458
2019279011	<u>A61C 8/-</u>	<u>A61J 9/-</u>	2019287498	<u>A61K 38/-</u>	2019422603
2019280219			2019287741		
2019291812	2019281042	2019273829	2019287765	2019262664	<u>A61K 47/-</u>
2019299860			2019288813	2019263479	
2019307239	<u>A61C 9/-</u>	<u>A61K 31/-</u>	2019288931	2019268363	2018425646
			2019289222	2019271189	2019262032
<u>A61B 34/-</u>	2019282766	2018423606	2019289223	2019271812	2019262521
		2018425646	2019289398	2019284765	2019265632
2019266407	<u>A61F 13/-</u>	2018432858	2019289917	2019286511	2019265730
		2018435421	2019290955	2019287623	2019266360
<u>A61B 46/-</u>		2019262283	2019291099	2019287659	2019270178
	2018426274	2019264860	2019291101	2019290163	2019274826
2019264864	2018426939	2019265632	2019291806	2019290192	2019274827
	2019269480	2019265730	2019291861	2019290206	2019277080
<u>A61B 5/-</u>	2019270508	2019266150	2019293260	2019293579	2019278628
	2019276906	2019266360	2019293286	2019299352	2019280514
2019262681	2019280457	2019266718	2019293687	2019302423	2019280517
2019265243	2019286750	2019267008	2019294838	<u>A61K 39/-</u>	2019282626
2019266088		2019267105	2019295499		2019282767
2019271408	<u>A61F 2/-</u>	2019267824	2019296376		2019284234
2019281799		2019268225	2019296380	2018423921	2019285048
2019282769	2018427566	2019268352	2019297409	2019264712	2019285353
2019291640	2018427567	2019268481	2019299352	2019265632	2019285354
2019293250	2019262677	2019269022	2019299609	2019265734	2019287313
2019299907	2019271125	2019269401	2019299666	2019267171	2019287623
2019305068	2019286808	2019269409	2019299947	2019269131	2019291565
2019353533	2019288273	2019269418	2019300852	2019270277	2019293579
	2019303002	2019270975	2019301850	2019271138	2019301697
<u>A61B 50/-</u>	2019387191	2019271151	2019301887	2019272384	2019301850
	2019393104	2019271799	2019306658	2019274826	
2019309667	2019394476	2019272463	2019309694	2019274827	<u>A61K 48/-</u>
2019309668		2019272964	2019309727	2019276162	
2019310015	<u>A61F 5/-</u>	2019273656	2019310919	2019276656	2019262225
		2019273850	2019311595	2019277908	2019285298
<u>A61B 6/-</u>	2019273115	2019274203	2019322538	2019278628	2019293286
		2019274524	2019336492	2019279311	2019296451
2019264864	<u>A61F 6/-</u>	2019275071	2019385458	2019281358	2019300045
2019280475		2019276906		2019282248	
2019281799	2019280219	2019277080	<u>A61K 33/-</u>	2019282626	<u>A61K 51/-</u>
2019285392		2019277198		2019282836	
2019285393	<u>A61F 7/-</u>	2019277656	2019262032	2019283520	2019265346
2019285394		2019277908	2019286511	2019283639	2019269706
	2019268407	2019277933	2019290345	2019284765	2019270180
<u>A61B 8/-</u>	<u>A61F 9/-</u>	2019278015	2019299216	2019285048	2019270182
		2019280514		2019285354	2019270183
2019288152	2019297326	2019280517	<u>A61K 35/-</u>	2019287443	2019270250
2019290182		2019280822		2019287659	
	<u>A61G 5/-</u>	2019280850	2019263479	2019287765	<u>A61K 8/-</u>
<u>A61B 90/-</u>		2019280980	2019266240	2019288136	2018425646
	2019281204	2019281015	2019267170	2019290192	2018429026
2019281727		2019282098	2019267171	2019299434	2018433016
2019295331	<u>A61G 7/-</u>	2019282155	2019268009	2019302152	2019214975
2019309667		2019282327	2019269318	2019316160	2019275804
2019309668	2019281204	2019282362	2019275071	2019422603	2019276906
2019310015		2019282420	2019282713	<u>A61K 41/-</u>	2019287467
<u>A61C 1/-</u>	<u>A61H 19/-</u>	2019282421	2019285044		2019287741
		2019282761	2019287370	2019280457	2019291580
2019266407	2019273115				

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

<u>A61K 9 /-</u>	<u>A61M 39 /-</u>	<u>A61P 15 /-</u>	2019296451	2019281015	<u>A61P 5 /-</u>
2018435421	2019294392	2019268352	2019300045	2019281358	2019267105
2019262664	<u>A61M 5 /-</u>	2019274524	2019311595	2019282047	
2019263479				2019282098	<u>A61P 7 /-</u>
2019265730	2019269706	<u>A61P 17 /-</u>	<u>A61P 29 /-</u>	2019282767	2019262283
2019266360	2019270180	2018435421	2019267105	2019282836	2019268009
2019267308	2019270182	2019266360	2019269401	2019283520	
2019268407	2019270250	2019267170	2019271812	2019283639	
2019268481	2019277668	2019267171	2019274203	2019283650	<u>A61P 9 /-</u>
2019278015	2019294392	2019276906	2019286531	2019284234	2019263479
2019280514	2019300452	2019283650	2019295499	2019285065	2019267105
2019280517	2019302139	2019287741	2019306658	2019285353	2019269401
2019280822	<u>A61N 1 /-</u>	2019290206	2019309727	2019285354	2019269418
2019282808		2019290955	2019311595	2019286524	2019281015
2019284234	2019266088	2019299666	<u>A61P 3 /-</u>	2019287498	2019285065
2019287313	2019299533	2019311595		2019287676	
2019287370	2019301956	<u>A61P 19 /-</u>	2019267105	2019287765	<u>A61Q 11 /-</u>
2019287491	2019305159		2019267170	2019289222	
2019289190	2019372424	2019267105	2019267171	2019289223	2018429026
2019290955	2019374132	2019267170	2019274203	2019289398	2018433016
2019293579	2019374133	2019267171	2019278015	2019289917	2019287467
<u>A61L 12 /-</u>	2020268730	2019267171	2019281015	2019290170	
	<u>A61N 5 /-</u>	2019285065	2019282362	2019290345	<u>A61Q 19 /-</u>
2019284927		2019311595	2019282420	2019299352	2019275804
<u>A61L 15 /-</u>	2019269706	2019319172	2019282421	2019299434	2019276906
	2019270180	<u>A61P 21 /-</u>	2019284234	2019299609	2019287741
2019280457	2019270182		2019284234	2019300223	2019291580
	2019270183	2018427191	2019311595	2019301697	
<u>A61L 2 /-</u>	2019270250	2019269401	<u>A61P 31 /-</u>	2019301850	<u>A61Q 7 /-</u>
	2019280457	2019281015		2019302152	
2019262332	2019299671	2019284234	2019264712	2019306658	2019282155
2019273829	2019307239	2019293687	2019265730	2019309694	
2019284927	<u>A61N 7 /-</u>	<u>A61P 23 /-</u>	2019272463	2019311595	<u>A62C 35 /-</u>
2019286258			2019277198	2019312411	
<u>A61L 31 /-</u>	2019291812	2019319172	2019286511	2019316160	2019282423
	<u>A61P 1 /-</u>	<u>A61P 25 /-</u>	2019287313	2019322538	<u>A62C 37 /-</u>
2019285470			2019287659	2019385458	
<u>A61M 11 /-</u>	2019266240	2019265346	2019296376	2019422603	2019282423
	2019267170	2019267105	2019296380	<u>A61P 37 /-</u>	<u>A63B 102 /-</u>
2019297326	2019267171	2019268009	2019297409		2019284918
	2019269401	2019269401	2019299609	2018423921	
<u>A61M 15 /-</u>	2019274203	2019271189	<u>A61P 35 /-</u>	2019262283	<u>A63B 53 /-</u>
	2019280822	2019271799		2019264712	
2019267308	2019282047	2019273656	2018423606	2019267170	2019284918
	2019282713	2019280980	2019262283	2019267171	
<u>A61M 16 /-</u>	2019287370	2019282362	2019262521	2019267824	2019284918
	2019299666	2019283649	2019264712	2019272384	<u>A63B 60 /-</u>
2019271408	2019301887	2019283650	2019265404	2019272964	
2019279392	2019304530	2019283669	2019266150	2019282044	2019284918
2019283457	<u>A61P 11 /-</u>	2019283670	2019266718	2019282626	
		2019284234	2019267008	2019286406	<u>A63C 17 /-</u>
<u>A61M 21 /-</u>	2019267105	2019284234	2019267105	2019287765	
	2019267170	2019285065	2019267170	2019289190	2019278877
2020268730	2019267171	2019286312	2019267171	2019299609	
	2019267171	2019286524	2019267824	2019299666	<u>A63F 3 /-</u>
<u>A61M 25 /-</u>	2019269409	2019287491	2019268481	2019300223	
	2019270975	2019291099	2019269131	2019301697	2019282563
2019269062	2019282420	2019291101	2019269401	2019312411	
2019269706	2019282421	2019291806	2019270178	<u>A61P 43 /-</u>	<u>A63F 9 /-</u>
2019270250	2019283650	2019291806	2019270277		2019282563
2019281727	2019296376	2019311595	2019271151	2019267170	
<u>A61M 35 /-</u>	<u>A61P 13 /-</u>	2019322538	2019272384	2019267171	<u>B01D 11 /-</u>
		2019336492	2019272463	2019283649	
2019280457	2019282421	<u>A61P 27 /-</u>	2019272964	2019282626	2019280518
2019297326	2019310919		2019273850	2019286406	
	2019311595	2019268225	2019276162	2019287765	<u>B01D 15 /-</u>
		2019288931	2019277933	2019289190	
		2019290206	2019278628	2019299609	2019280518
		2019293579	2019279311	2019302152	2019280518
				2019311595	2019290680
				2019319172	

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

<u>B01D 17 /-</u>	2019293704	<u>B05B 1 /-</u>	<u>B23K 26 /-</u>	<u>B29B 7 /-</u>	<u>B41M 5 /-</u>
2019280518	<u>B01J 2 /-</u>	2019287477	2019286186	2019278306	2019290457
	2019277371	2019297326	2019296941	2019307935	<u>B42D 25 /-</u>
<u>B01D 29 /-</u>	<u>B01J 21 /-</u>	<u>B05B 13 /-</u>	<u>B23K 9 /-</u>	<u>B29C 33 /-</u>	2019266494
2019267319	2019214975	2019287477	2019296941	2019265216	<u>B60B 27 /-</u>
<u>B01D 3 /-</u>	<u>B01J 27 /-</u>	2019291136	2019296943	<u>B29C 48 /-</u>	2019327403
2019290680	2019263053	<u>B05B 15 /-</u>	<u>B23P 17 /-</u>	2019307935	<u>B60B 35 /-</u>
<u>B01D 36 /-</u>	<u>B01J 8 /-</u>	2019291136	2019284918	<u>B29C 59 /-</u>	2019327403
2019262332	2019286313	<u>B05B 17 /-</u>	<u>B24B 27 /-</u>	2020279259	<u>B60C 23 /-</u>
<u>B01D 53 /-</u>	2019294262	2019297326	2019275834	<u>B29C 70 /-</u>	2019279457
2018420380	<u>B01L 3 /-</u>	<u>B05B 5 /-</u>	<u>B24B 49 /-</u>	2019317217	<u>B60H 1 /-</u>
2018423092	2019280518	2019287477	2019275834	<u>B29D 11 /-</u>	2019291452
2018427215	2019282414	<u>B05B 7 /-</u>	<u>B24B 57 /-</u>	2019286316	<u>B60P 1 /-</u>
2019279392	2019293704	2019278306	2019265227	2019286329	2019281676
2019280285	2019297130	2019291136	<u>B24B 9 /-</u>	<u>B32B 18 /-</u>	2019282207
<u>B01D 61 /-</u>	2019300019	<u>B05C 17 /-</u>	2019275834	2019324479	2019282224
2019281220	2019306778	2019269359	<u>B05D 3 /-</u>	<u>B32B 27 /-</u>	<u>B60P 7 /-</u>
2019281221	2019307836	<u>B05D 3 /-</u>	2019266494	2018426272	2019282206
2019282721	2019422318	<u>B05D 5 /-</u>	<u>B05D 5 /-</u>	2019281327	<u>B60W 10 /-</u>
2019286163	<u>B01L 9 /-</u>	2019266494	<u>B05D 5 /-</u>	2019281328	2019278146
2019306733	2019293704	<u>B05D 5 /-</u>	<u>B05B 23 /-</u>	2019317217	<u>B61D 17 /-</u>
2019359024	<u>B02C 1 /-</u>	2019266494	2019284403	<u>B32B 3 /-</u>	2019287397
<u>B01D 63 /-</u>	2020259803	<u>B06B 1 /-</u>	2019312469	2019263763	<u>B62M 3 /-</u>
2019286163	<u>B02C 11 /-</u>	2019288152	<u>B25H 1 /-</u>	2019281327	2019277367
<u>B01D 65 /-</u>	2019278797	<u>B07B 1 /-</u>	2019316498	2019281328	2019277373
2019281220	<u>B02C 15 /-</u>	2019275771	<u>B25J 11 /-</u>	<u>B32B 5 /-</u>	2019278877
2019286163	2020259803	<u>B07C 5 /-</u>	2019262467	2019263763	<u>B62M 6 /-</u>
<u>B01D 67 /-</u>	<u>B02C 17 /-</u>	2019284358	2019262468	2019281328	2019278877
2018427215	2019265227	<u>B08B 1 /-</u>	<u>B25J 19 /-</u>	2019317217	<u>B63B 17 /-</u>
<u>B01D 69 /-</u>	2020259803	2018429591	2019262482	<u>B33Y 80 /-</u>	2018422280
2018427215	<u>B02C 18 /-</u>	<u>B08B 5 /-</u>	<u>B25J 5 /-</u>	2019263763	<u>B63B 21 /-</u>
2019286163	2019275771	2019295419	2019292188	2019266494	2019271729
<u>B01D 71 /-</u>	<u>B02C 2 /-</u>	<u>B08B 7 /-</u>	<u>B25J 9 /-</u>	<u>B41F 17 /-</u>	<u>B63B 25 /-</u>
2018427215	2020259803	2019265216	2019262467	2019266494	2018422280
<u>B01F 15 /-</u>	<u>B02C 23 /-</u>	<u>B23C 3 /-</u>	2019262468	<u>B41J 11 /-</u>	<u>B63B 3 /-</u>
2019278306	2019265227	2019275834	2019262482	2019299319	2018422280
<u>B01F 17 /-</u>	2019275771	<u>B23D 45 /-</u>	<u>B28B 1 /-</u>	<u>B41J 3 /-</u>	2018422280
2019291580	<u>B03B 9 /-</u>	2019316523	2019324479	2019299319	<u>B63C 11 /-</u>
<u>B01F 3 /-</u>	2019286084	<u>B23K 10 /-</u>	<u>B28B 23 /-</u>	<u>B41M 3 /-</u>	2019285867
2019278306	<u>B03D 1 /-</u>	2019296941	2019277204	2019266494	<u>B63G 8 /-</u>
<u>B01F 5 /-</u>	2019297408	2019296943	<u>B29B 17 /-</u>	2019278617	2019312471
2019278306					
<u>B01J 19 /-</u>					
2019291136					

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<u>B64C 29 /-</u>		<u>B66F 7 /-</u>	<u>C04B 22 /-</u>	<u>C07C 311 /-</u>	<u>C07D 231 /-</u>
2019265545	<u>B65D 71 /-</u>	2019316498	2019341703	2019267105	2019286531
	2019271416				2019306658
<u>B64C 39 /-</u>	<u>B65D 81 /-</u>	<u>B66F 9 /-</u>	<u>C04B 28 /-</u>	<u>C07C 39 /-</u>	<u>C07D 233 /-</u>
2019265869	2018431392	2019292188	2019285511	2019269401	2019288289
2019275113	2019297796				
2019284269		<u>B67D 7 /-</u>	<u>C04B 35 /-</u>	<u>C07C 405 /-</u>	<u>C07D 235 /-</u>
<u>B64D 1 /-</u>	<u>B65D 83 /-</u>	2019268585	2019324479	2019268225	2019286531
2019284269	2019278558	<u>B82Y 15 /-</u>	<u>C04B 41 /-</u>	<u>C07C 41 /-</u>	<u>C07D 237 /-</u>
<u>B64D 45 /-</u>	<u>B65D 85 /-</u>	2019275116	2019324479	2019290638	2019311595
2019275113	2018431392	<u>B82Y 40 /-</u>	<u>C05C 9 /-</u>	<u>C07C 43 /-</u>	<u>C07D 239 /-</u>
	2019279456				2019282047
<u>B64D 47 /-</u>	2019288844	2019307637	2019304180	2019290638	2019283310
2019275113	<u>B65D 88 /-</u>	<u>B82Y 5 /-</u>	<u>C05D 7 /-</u>	<u>C07C 5 /-</u>	
<u>B64D 5 /-</u>	2019290547	2019285048	2019296513	2019214975	<u>C07D 241 /-</u>
2019341728	2019300069	2019307637			
<u>B64F 1 /-</u>	<u>B65D 90 /-</u>	<u>C01B 17 /-</u>	<u>C05G 3 /-</u>	<u>C07C 50 /-</u>	2019265022
	2019290547	2019299216	2019280606	2019269401	2019269401
2019265869	2019300069		2019296513		<u>C07D 243 /-</u>
2019277132		<u>C01B 23 /-</u>	2019304180	<u>C07C 7 /-</u>	2019271151
2019284269	<u>B65G 1 /-</u>	2019279392	<u>C07C 1 /-</u>	2019263053	<u>C07D 249 /-</u>
<u>B65B 3 /-</u>	2019281676		2018420380	2019295851	
2019314196	<u>B65G 13 /-</u>	<u>C01B 3 /-</u>	<u>C07C 11 /-</u>	<u>C07D 205 /-</u>	2019299666
<u>B65D 1 /-</u>	2020259186	2019294262	2019214975	2019277150	<u>C07D 275 /-</u>
2019271416	<u>B65G 23 /-</u>	<u>C01B 33 /-</u>	<u>C07C 2 /-</u>	<u>C07D 207 /-</u>	2019296376
<u>B65D 17 /-</u>	2020259186	2019437369	2019263053	2019262521	<u>C07D 277 /-</u>
2019289694	<u>B65G 43 /-</u>	2019437422	<u>C07C 211 /-</u>	2019268225	2019296380
2019289700	2019294099	2019440118	2019407218	2019277150	<u>C07D 285 /-</u>
<u>B65D 25 /-</u>	2020259186	<u>C01D 15 /-</u>	2019285766	2019407218	
2019279456	<u>B65G 47 /-</u>	2019269518	<u>C07C 221 /-</u>	<u>C07D 209 /-</u>	2019269401
<u>B65D 30 /-</u>	2019294099	<u>C02F 1 /-</u>	2019282560	2019262521	<u>C07D 295 /-</u>
	2020259186	2019262332	<u>C07C 225 /-</u>	2019287498	
2019277405	<u>B65H 35 /-</u>	2019281220	2019282560	2019287741	2019296380
<u>B65D 33 /-</u>	2019269124	2019281221	<u>C07C 229 /-</u>	<u>C07D 211 /-</u>	<u>C07D 307 /-</u>
2019277405		2019286163	2019271799	2019282327	2019267105
<u>B65D 47 /-</u>	<u>B65H 55 /-</u>	2019287495	<u>C07C 251 /-</u>		2019296380
	2018431392	2019306733	2019269401		
2019278558	<u>B65H 75 /-</u>	2019359024	<u>C07C 259 /-</u>	<u>C07D 213 /-</u>	<u>C07D 311 /-</u>
<u>B65D 5 /-</u>	2018431392	<u>C02F 103 /-</u>	2019271799	2019265629	2018425109
2019271416	<u>B66B 25 /-</u>	2019281220	<u>C07C 29 /-</u>	2019267105	2019269401
<u>B65D 51 /-</u>	2019305982	2019281221	2019296380	2019277150	2019284814
2019289700	<u>B66F 11 /-</u>	2019359024	<u>C07C 29 /-</u>	2019289917	
<u>B65D 53 /-</u>	2019281204	<u>C02F 9 /-</u>	2019296380	2019296380	2019287409
2019289700	<u>B66F 13 /-</u>	2019262332	<u>C07C 29 /-</u>	2019311595	<u>C07D 333 /-</u>
		<u>C03B 40 /-</u>	2019286313	2019407218	2019296380
<u>B65D 65 /-</u>		2019414279	<u>C07C 31 /-</u>	<u>C07D 215 /-</u>	<u>C07D 401 /-</u>
2018426272		<u>C03B 9 /-</u>	2019286313	2019288813	2019269409
		2019414279		<u>C07D 217 /-</u>	2019272964
					2019282047
					2019283310
					2019286531
					2019287309
					2019287498

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

2019289222	<u>C07D 487 /-</u>	2019299321	<u>C07K 4 /-</u>	<u>C08L 5 /-</u>	<u>C10B 49 /-</u>
2019291101					
2019291806	2018425918	<u>C07K 14 /-</u>	2019285354	2019284234	2019306525
2019293260	2019281015				
2019297409	2019282098	2019265632	<u>C07K 7 /-</u>	<u>C08L 63 /-</u>	<u>C10B 53 /-</u>
2019297918	2019286312	2019274826			
2019298549	2019287741	2019274827	2019282044	2019305036	2019306525
2019311595	2019299666	2019282530	2019285353	2019307637	
2019407218		2019283314	2019290163		<u>C10G 2 /-</u>
	<u>C07D 491 /-</u>	2019283639		<u>C08L 83 /-</u>	2018420380
<u>C07D 403 /-</u>	2019265022	2019284765	<u>C08F 2 /-</u>	2019305036	
	2019282767	2019285048	2019305036		<u>C10G 3 /-</u>
2019265022	2019286312	2019285082		<u>C09B 1 /-</u>	2019214975
2019266718	2019289222	2019285083	<u>C08F 22 /-</u>	2019293250	
2019282047	2019289222	2019285085			<u>C10L 1 /-</u>
2019282761	2019299947	2019285354	2019288289	<u>C09B 11 /-</u>	2019298748
2019283310		2019286406			
2019286531	<u>C07D 495 /-</u>	2019287443	<u>C08F 220 /-</u>	<u>C09B 11 /-</u>	2019298748
	2019294836	2019287623		2019266218	
<u>C07D 405 /-</u>	2019309727	2019287659	2019422318	<u>C09B 57 /-</u>	<u>C10L 10 /-</u>
		2019287676			2019298748
2019270975	<u>C07D 498 /-</u>	2019288765	<u>C08F 230 /-</u>	2019266218	
2019282047		2019288765		2019284814	<u>C10L 5 /-</u>
2019283310	2019265346	2019300045	2019422318	2020230955	
2019286531	2019267008	2019316160		2020233166	2019286084
2019289222	2019286312	<u>C07K 16 /-</u>	<u>C08F 293 /-</u>		
2020233166	2019306658			<u>C09C 1 /-</u>	<u>C10L 9 /-</u>
<u>C07D 407 /-</u>	2019322538	2018423921	2019407218	2019288379	2019286084
	2019336492	2019264712		2019290632	
2019270975	<u>C07D 513 /-</u>	2019265699	<u>C08F 8 /-</u>		<u>C10M 137 /-</u>
<u>C07D 409 /-</u>	2019309727	2019268363	2019407218	<u>C09C 3 /-</u>	2019289707
		2019269131			
2019269409	<u>C07D 519 /-</u>	2019270178	<u>C08G 18 /-</u>	2019288379	<u>C11D 1 /-</u>
2019286531		2019271138		2019290632	
<u>C07D 413 /-</u>	2019291101	2019272384	2019308863		2019280709
		2019274827		<u>C09D 11 /-</u>	2019282317
2019272964	<u>C07F 5 /-</u>	2019275116	<u>C08G 59 /-</u>		
2019283310		2019276656	2019307637	2019266494	<u>C11D 11 /-</u>
2019286312	2019265404	2019277908		2019290457	
2019286531	2019277933	2019281358	<u>C08G 77 /-</u>		2019282317
2019289222	2019293250	2019282248	2019305036	<u>C09D 133 /-</u>	
2019297409		2019282530			<u>C11D 3 /-</u>
2019306658	<u>C07F 7 /-</u>	2019282626	<u>C08J 11 /-</u>	2019288289	
2019311595		2019282836		<u>C09D 175 /-</u>	2019280709
2020233166	2019265404	2019283520	2019278617		2019282317
<u>C07D 417 /-</u>	<u>C07F 9 /-</u>	2019283639		2019308863	<u>C12M 1 /-</u>
	2019268352	2019284765	<u>C08J 3 /-</u>		
2019282047	2019289707	2019285353	2019284234	<u>C09J 133 /-</u>	2019262624
2019286531		2019285354			2019265111
2019289398	<u>C07H 19 /-</u>	2019287676	<u>C08K 5 /-</u>	2019295575	2019282414
2019297409		2019287765			2019282761
2019313525	2019266218	2019288136	2019283368	<u>C09J 7 /-</u>	2019288208
2020233166	2019274524	2019288765	2019284234	2019295575	2019300019
<u>C07D 471 /-</u>	2019412494	2019290170	2019284814		2020215640
	2020230955	2019291565	2019285766	<u>C09K 11 /-</u>	2020216291
2019267824	2020233166	2019294836	2019289707		2020216794
2019272463		2019299434		2019280457	
2019280850	<u>C07H 21 /-</u>	2019300223	<u>C08L 1 /-</u>	<u>C09K 15 /-</u>	<u>C12N 1 /-</u>
2019281015		2019302152			2019282414
2019282047	2019266218	2019422603	2019284234	2019289707	2019282713
2019286312	2019278884	<u>C07K 19 /-</u>	<u>C08L 21 /-</u>		2019288208
2019287498	2019412494	2019282248		<u>C09K 19 /-</u>	2019300838
2019289223	2020230955	2019285048	2019285766	2019265346	2019302152
2019291099	2020233166	2019287659	<u>C08L 33 /-</u>		
2019299609		<u>C07K 2 /-</u>		<u>C09K 9 /-</u>	<u>C12N 15 /-</u>
2019300852	<u>C07K 1 /-</u>	2019285354	2019305036		2018423921
	2019295421			2019284814	2019262225
					2019265111

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

2019269022	2019302152		<u>E01B 19/-</u>	<u>E04G 15/-</u>	
2019269418		<u>C22C 38/-</u>			<u>E21B 47/-</u>
2019270243	<u>C12P 5/-</u>		2015382274	2019277204	2019275216
2019274886		2019296941		2019280441	2019303954
2019281034	2019297020	2019296943	<u>E01C 23/-</u>		
2019282248				<u>E04G 21/-</u>	
2019282761	<u>C12Q 1/-</u>	<u>C22F 1/-</u>	2019315141		<u>E21B 49/-</u>
2019282824				2019277203	
2019285082	2019265111	2019277664	<u>E01F 15/-</u>		2019439997
2019285083	2019266303			<u>E05B 1/-</u>	
2019285085	2019270243	<u>C23C 16/-</u>	2019265872		<u>E21B 7/-</u>
2019285298	2019273443			2019269101	
2019286345	2019274886	2019291136	<u>E02B 17/-</u>		2018423508
2019286700	2019280712			<u>E05B 13/-</u>	
2019287765	2019280867	<u>C23C 4/-</u>	2019297617		<u>E21C 35/-</u>
2019292939	2019282414			2019269101	
2019293286	2019282824	2019291136	<u>E02F 3/-</u>		2018431165
2019293687	2019283368			<u>E05B 15/-</u>	2019274484
2019294838	2019284210	<u>C40B 30/-</u>	2019274484		
2019296451	2019284211			2019269101	<u>E21D 11/-</u>
2019300019	2019284248	2019280867	<u>E02F 9/-</u>	2019295414	
2019300045	2019284362	2019284362		2019295415	2019291653
2019300836	2019284362	2019287765			
2019300838	2019285044		<u>E03B 7/-</u>	<u>E05B 17/-</u>	<u>E21D 15/-</u>
2019302152	2019286345	<u>C40B 50/-</u>			
2019302423	2019292939			2019269101	2019316498
2019312411	2019297554	2019266303	2019270362	2019295415	
	2019304530				<u>E21D 3/-</u>
<u>C12N 5/-</u>	2019306778	<u>D01D 1/-</u>	<u>E03C 1/-</u>	<u>E05B 47/-</u>	2018423508
	2019307836				
	2019311340	2019307935	2018439421	2019295414	<u>E21D 9/-</u>
	2019374098				
2018427191	2019391093	<u>D01F 6/-</u>	<u>E04B 1/-</u>	<u>E05B 63/-</u>	2018423508
2019268009	2019391274				2019439936
2019282761	2019400090	2019284620	2019277269	2019269101	
2019286345	2019406313	2019307935	2019280441	2019295415	
2019286406	2019411266		2019420431		<u>E21F 17/-</u>
2019287676	2019411267	<u>D02G 3/-</u>		<u>E05B 7/-</u>	
2019300019	2019411272		<u>E04B 2/-</u>		2018431165
2019300045	2019412494	2019307935		2019269101	2020273629
2019302152	2019422318		2019277210		
2019312411	2019439424	<u>D03D 1/-</u>		<u>E06B 3/-</u>	<u>E21F 5/-</u>
	2019440163		<u>E04B 5/-</u>		
<u>C12N 7/-</u>	2020215640	2019263763		2019283459	2018431165
	2020216794	2019284620	2019277210		
2019285186	2020230955			<u>E21B 17/-</u>	<u>F02B 63/-</u>
2019287443	2020241905	<u>D04B 1/-</u>	<u>E04B 7/-</u>		
	2020247472			2019290568	2019316523
<u>C12N 9/-</u>	2020256047	2019272804	2019420431	2019297617	
	2020276115	<u>D06F 58/-</u>	<u>E04C 2/-</u>		<u>F02D 41/-</u>
2018432858				<u>E21B 21/-</u>	
2019269022	<u>C22B 13/-</u>	2019265183	2019277210		2019316523
2019277371				2019279453	<u>F02D 9/-</u>
2019282094	2019267327	<u>D21H 11/-</u>	<u>E04C 3/-</u>		
2019286700				<u>E21B 28/-</u>	2019316523
2019287659	<u>C22B 26/-</u>	2019300405	2019277210		
2019290163				2019303954	<u>F04B 43/-</u>
2019297020	2019269518	<u>D21H 17/-</u>	<u>E04C 5/-</u>	<u>E21B 33/-</u>	
2019300837					2020205234
2019300838	<u>C22B 34/-</u>	2019288379	2019277210	2019279453	
2019302423		2019290632		2019279596	<u>F16B 1/-</u>
2019374098	2019282485	2019300405	<u>E04F 10/-</u>	2019288151	2019277269
2019391093				2019303954	
<u>C12P 19/-</u>	<u>C22B 7/-</u>	<u>D21H 21/-</u>	2019287743		<u>F16B 39/-</u>
				<u>E21B 34/-</u>	
2018425646	2019267327	2019300405	<u>E04F 15/-</u>		2019312469
2019285044	<u>C22C 1/-</u>	<u>D21H 27/-</u>		2019288151	
2019302422			2019281327	2019326312	<u>F16D 49/-</u>
	2019278903	2019300405	2019281328		
<u>C12P 21/-</u>	2019296941	<u>E01B 1/-</u>	<u>E04G 11/-</u>	<u>E21B 43/-</u>	2019309667
					2019309668
2019285353	<u>C22C 21/-</u>	2015382274	2019291653	2019281221	2019310015
2019287659				2019288151	
2019300837	2019277664			2019303954	

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<u>F16D 65 /-</u>	<u>F16L 25 /-</u>	<u>F23D 17 /-</u>	<u>F28F 1 /-</u>	<u>G01F 23 /-</u>	2020259803 2020276115
2019309667 2019309668 2019310015	2019297617	2019273201	2018427606 2018431665 2019292498	2019286466	<u>G01N 23 /-</u>
<u>F16F 3 /-</u>	<u>F16L 3 /-</u>	<u>F23G 5 /-</u>	<u>F41H 13 /-</u>	2019286466	2019280475 2019438696 2019439936
2019280690	2019277204	2018420380	2019282407	<u>G01G 17 /-</u>	
<u>F16G 15 /-</u>	<u>F16L 55 /-</u>	<u>F23J 15 /-</u>	2019285839 2019285840 2019285841	2019286466	<u>G01N 27 /-</u>
2019289489	2019304910	2018420380 2019280285	<u>F42B 12 /-</u>		2019281200 2019283368 2019295421 2019380226 2019406313 2019439424
<u>F16H 55 /-</u>	<u>F16M 11 /-</u>	<u>F24C 15 /-</u>	2019282407	<u>G01H 17 /-</u>	
2019309667 2019309668 2020259186	2019309667 2019310015 2019316498	2019309265 2019320493	<u>F42B 27 /-</u>	2019265243	<u>G01J 1 /-</u>
<u>F16H 57 /-</u>	<u>F16M 13 /-</u>	<u>F24D 17 /-</u>	2019282407	2019295411	<u>G01N 3 /-</u>
2020259186	2018422280 2019309667 2019309668 2019310015	2019270362	<u>F42B 8 /-</u>	<u>G01J 3 /-</u>	2019439997
<u>F16H 59 /-</u>	<u>F17C 1 /-</u>	<u>F24F 1 /-</u>	2019282407	2019264883 2019266116 2019280688	<u>G01N 30 /-</u>
2019278146	2019300069	2019278062	<u>G01B 11 /-</u>		2019275957
<u>F16H 61 /-</u>	<u>F17C 13 /-</u>	<u>F24F 11 /-</u>	2019278797 2019282766 2020259803 2020273629	<u>G01L 5 /-</u>	<u>G01N 33 /-</u>
2019278146	2019278632 2019278634	2019300633	<u>G01B 21 /-</u>	2019312469	2018427191 2019266218 2019266231 2019266548 2019273443 2019275116 2019275957 2019280518 2019280822 2019282626 2019284248 2019284882 2019287676 2019287765 2019291861 2019291975 2019292939 2019295421 2019299907 2019300019 2019305036 2019348787 2019406313 2020230955
<u>F16J 15 /-</u>	<u>F17C 3 /-</u>	<u>F24F 13 /-</u>	2019278797	<u>G01M 17 /-</u>	
2019279596	2019282394	2019278062 2019278063 2019291452 2020279259	<u>G01B 3 /-</u>	2020281397	
<u>F16K 1 /-</u>	<u>F17C 5 /-</u>	<u>F24F 7 /-</u>	2018422649 2019287397	2019279768	<u>G01M 3 /-</u>
2020249779 2020279259	2019278632 2019278634	2019300633	<u>G01B 5 /-</u>	<u>G01M 5 /-</u>	
<u>F16K 11 /-</u>	<u>F21L 4 /-</u>	<u>F24H 3 /-</u>	2019275194	2019279457	<u>G01M 99 /-</u>
2018439421	2019270921	2019289288	<u>G01B 9 /-</u>	2019279457	
<u>F16K 27 /-</u>	<u>F21V 21 /-</u>	<u>F25B 1 /-</u>	2020259803	<u>G01N 1 /-</u>	
2020249779	2019270921	2019292493	<u>G01C 19 /-</u>	2019277405 2019279085 2019280518 2019280688 2019293704	
<u>F16K 3 /-</u>	<u>F21V 23 /-</u>	<u>F25B 41 /-</u>	2019279457	<u>G01C 21 /-</u>	
2020249779	2019277132	2019292493	<u>G01C 21 /-</u>	<u>G01N 15 /-</u>	<u>G01N 35 /-</u>
<u>F16K 31 /-</u>	<u>F23C 1 /-</u>	<u>F25D 11 /-</u>	2019265545 2019268006	2019262104 2019305036 2019307637	2019280688
2019267319 2020249779	2019273201	2018431327	<u>G01C 23 /-</u>		<u>G01N 37 /-</u>
<u>F16K 37 /-</u>	<u>F23C 99 /-</u>	<u>F26B 21 /-</u>	2019265545	<u>G01N 17 /-</u>	2020216291 2020216794
2020249779	2019273201	2019275771 2019286084	<u>G01C 7 /-</u>	2019291975	
<u>F16K 47 /-</u>	<u>F23D 1 /-</u>	<u>F26B 3 /-</u>	2019315141	<u>G01N 21 /-</u>	<u>G01R 15 /-</u>
2020249779	2019273201	2019286084	<u>G01F 1 /-</u>	2018422393 2019264883 2019266116 2019279025 2019280688 2019283225 2019288394 2019307637 2020256047	2018301511
<u>F16L 13 /-</u>	<u>F23D 11 /-</u>	<u>F27B 17 /-</u>	2019278634	<u>G01F 11 /-</u>	<u>G01R 19 /-</u>
2019283403	2019275951	2019275951	<u>G01F 11 /-</u>		2018301511
<u>F16L 19 /-</u>	<u>F23D 14 /-</u>	2018427606 2019292498	2019265238		<u>G01R 31 /-</u>
2019278791	2019275951 2019289288				2019280259 2019289189

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<u>G01R 33 /-</u>	<u>G03C 1 /-</u>	2019280855 2019281965 2019291969 2019292316	<u>G06T 19 /-</u>	<u>G16B 5 /-</u>	<u>H01L 39 /-</u>
2018301511 2019305068	2018425109		2019287395 2019287397	2019278936 2019284248	2019313237 2019325148
<u>G01T 1 /-</u>	<u>G03F 7 /-</u>	<u>G06N 20 /-</u>	<u>G06T 7 /-</u>	<u>G16H 20 /-</u>	<u>H01L 49 /-</u>
2019280475	2019305036 2019307637	2019268359	2018427622 2019263700 2019275232 2019285392 2019285393 2019287397 2019293020 2020256047 2020273459	2019269062 2019269705 2019269706 2019270180 2019270182 2019270183 2019270250 2019301615	2019295411
<u>G01V 1 /-</u>	<u>G05B 13 /-</u>	<u>G06N 3 /-</u>			<u>H01M 10 /-</u>
2019281866	2019272876	2019267454 2020276115			2019267327
<u>G01V 3 /-</u>	<u>G05B 23 /-</u>	<u>G06N 5 /-</u>			<u>H02G 3 /-</u>
2019290138	2019307885	2019292316			2019277203
<u>G01V 5 /-</u>	<u>G05D 16 /-</u>	<u>G06Q 10 /-</u>	<u>G06T 9 /-</u>	<u>G16H 30 /-</u>	<u>H02J 13 /-</u>
2019269715	2020249779	2019262696 2019267454 2019269723 2019278930 2019285054 2019312330 2019335063 2019373402	2019285351	2019285392 2019285393	2019303114 2019309171
<u>G01W 1 /-</u>	<u>G06F 13 /-</u>	<u>G06Q 10 /-</u>	<u>G08B 13 /-</u>	<u>G16H 40 /-</u>	<u>H02J 3 /-</u>
2019285054 2019380226	2019280705	2019262696 2019267454 2019269723 2019278930 2019285054 2019312330 2019335063 2019373402	2019286115	2019269062 2019269705 2019269706 2019285392 2019285393	2019282460 2019303114 2019309171
<u>G02B 1 /-</u>	<u>G06F 15 /-</u>	<u>G06Q 20 /-</u>	<u>G08B 21 /-</u>		<u>H02J 7 /-</u>
2018425109 2019286316	2019280705 2019287432	2018430192 2019293522	2019268585 2019270573 2019286466		2019281775 2019291494
<u>G02B 21 /-</u>	<u>G06F 16 /-</u>	<u>G06Q 30 /-</u>	<u>G08B 25 /-</u>	<u>G16H 50 /-</u>	<u>H02M 1 /-</u>
2018422393 2019342317	2018426303 2019291940 2019291942 2019295794	2019267454 2019268544 2019291668	2019268006	2019277920 2019280571 2019285392 2019285393 2019294497	2019309255
<u>G02B 26 /-</u>	<u>G06F 17 /-</u>	<u>G06Q 40 /-</u>	<u>G08G 1 /-</u>	<u>G21B 3 /-</u>	<u>H02M 5 /-</u>
2019342317	2019278936	2019297546	2019268006 2019278974	2019271312	2019309255
<u>G02B 27 /-</u>	<u>G06F 21 /-</u>	<u>G06Q 50 /-</u>	<u>G08G 5 /-</u>	<u>G21F 5 /-</u>	<u>H02M 7 /-</u>
2019342317	2018426303 2019287212 2019288363 2019291668 2019300777 2019302353	2019267454 2019268544 2019275113 2019285054 2019290655 2019292316 2019303114	2019277132	2019269706 2019270182	2019295427
<u>G02B 3 /-</u>	<u>G06F 3 /-</u>	<u>G06Q 90 /-</u>	<u>G09B 19 /-</u>	<u>H01B 7 /-</u>	<u>H02P 3 /-</u>
2019320024	2018430381 2019302353	2019297546	2019282563	2019282460	2019309255
<u>G02B 5 /-</u>	<u>G06F 8 /-</u>	<u>G06T 11 /-</u>	<u>G09B 29 /-</u>	<u>H01B 9 /-</u>	<u>H02S 20 /-</u>
2019284814 2019286316 2019320024	2019271421	2018427622	2019268006	2019282460	2019287743 2019291975
<u>G02B 6 /-</u>	<u>G06F 9 /-</u>	<u>G06T 15 /-</u>	<u>G11C 11 /-</u>	<u>H01F 7 /-</u>	<u>H02S 30 /-</u>
2018426428 2018431392 2019284759 2020259803	2019269723 2019289168 2019291421	2019292316	2019308479 2019313237	2019266494	2019287743
<u>G02C 7 /-</u>	<u>G06K 19 /-</u>	<u>G06T 17 /-</u>	<u>G11C 8 /-</u>	<u>H01L 23 /-</u>	<u>H02S 40 /-</u>
2019271125 2019286316 2019286329 2019320024	2019287395 2019287397 2019306074	2019292316	2019313237	2019297130	2018422303 2018429591 2019293111
<u>G03B 15 /-</u>	<u>G06K 9 /-</u>		<u>G16B 20 /-</u>	<u>H01L 27 /-</u>	<u>H03K 19 /-</u>
2019275113	2018427959 2018427961 2019275232 2019280571	2019287395 2019287397	2019280571 2019284248	2019325148	2019308479 2019313237 2019314168
			<u>G16B 30 /-</u>	<u>H01L 31 /-</u>	<u>H03K 3 /-</u>
			2020241905 2020273459	2019277168 2019278862 2019291975 2019293111 2019295411 2019299000	
			<u>G16B 40 /-</u>		
			2020241905		

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2020275509		
<u>H04B 11 /-</u>	<u>H04N 5 /-</u>	<u>H04W 88 /-</u>
2019275216	2019280475	2019272296
<u>H04B 7 /-</u>	2019287397	
2019312471	2019288394	<u>H05B 1 /-</u>
<u>H04L 1 /-</u>	<u>H04N 7 /-</u>	2019295427
2019270848	2019275113	<u>H05B 6 /-</u>
2019297029	<u>H04W 16 /-</u>	2019295427
2020275509	2019265902	2019309265
<u>H04L 12 /-</u>	<u>H04W 24 /-</u>	2019320493
2019268345	2018423417	<u>H05H 1 /-</u>
2019271824	<u>H04W 28 /-</u>	2019291136
2019277882	2019273331	<u>H05K 1 /-</u>
2019279587	<u>H04W 36 /-</u>	2019293111
2019287212	2019267190	<u>H05K 7 /-</u>
2019297026	2019274046	2019295427
2019307885	<u>H04W 4 /-</u>	2019304910
<u>H04L 29 /-</u>	2019265902	
2018425774	2019302353	
2018427212	2019310543	
2018430996	<u>H04W 48 /-</u>	
2019266127	2018432066	
2019268345	2019265300	
2019282240	2019265902	
2019284778	2019272296	
2019291668	<u>H04W 52 /-</u>	
2019297029	2018422698	
2019302353	<u>H04W 64 /-</u>	
2019307885	2019265300	
<u>H04L 5 /-</u>	<u>H04W 68 /-</u>	
2018427383	2018421497	
<u>H04L 9 /-</u>	<u>H04W 72 /-</u>	
2018426303	2018422334	
2018430192	2018422709	
2019278950	2018427383	
2019287432	2018427780	
2019371418	2018435963	
<u>H04M 1 /-</u>	2019289392	
2019286258	<u>H04W 76 /-</u>	
<u>H04M 11 /-</u>	2018422698	
2019268006	2018423417	
<u>H04M 3 /-</u>	2019265694	
2019289150	2019266726	
2019290655	2019267190	
<u>H04N 19 /-</u>	2019272464	
2019268844	2019274046	
<u>H04N 21 /-</u>	<u>H04W 80 /-</u>	
2018430381	2020275509	
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B21D 39/00 (2006.01)
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C23C 14/34 (2006.01)
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A61Q 19/08 (2006.01)
C08B 37/08 (2006.01)
C08J 3/075 (2006.01)
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C07D 211/38 (2006.01)
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2016250542	Medline Industries, Inc.	2017285689	Wakunaga Pharmaceutical Co., Ltd.
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2016257291	Technische Universiteit Delft	2017332452	Merus N.V.
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 (21) 2020100886 (22) 29.05.2020
 (54) User interfaces for viewing live video feeds and recorded video
 (51) Int. Cl.
G06F 3/0487 (2013.01)
G06K 9/36 (2006.01)
 (45) 07.01.2021
 (62) 2020100303
 (72) CARRIGAN, Taylor G.; COFFMAN, Patrick L.; FOSS, Christopher Patrick; MOHSENI, Daamun; PAGE, Pani
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2020102351 (22) 21.09.2020
 (54) Devices, methods, and graphical user interfaces for displaying an affordance on a background
 (51) Int. Cl.
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 (45) 07.01.2021
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 (72) WAN, Wan Si; KARUNAMUNI, Chana-ka G.; ALONSO RUIZ, Marcos; CIECHANOWSKI, Bartosz; NIELSEN, Benjamin E.
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B01L 3/00 (2006.01)
A61B 5/1477 (2006.01)
A61B 10/00 (2006.01)
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 (21) 2020102685 (22) 12.10.2020
 (54) Use of pimobendan for the reduction of heart size and/or the delay of onset of clinical symptoms in patients with asymptomatic heart failure due to mitral valve disease
 (51) Int. Cl.
A61K 31/501 (2006.01)
A61K 31/55 (2006.01)
A61K 31/635 (2006.01)
A61P 9/04 (2006.01)
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 (74) FB Rice Pty Ltd
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 (51) Int. Cl.
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 (45) 07.01.2021
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 (72) Partington, Shane Robert; Anderson, Paul Jonathon
 (74) Griffith Hack
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 (11) AU-B-2020101972
 (21) 2020101972 (22) 25.08.2020
 (54) A playground apparatus
 (51) Int. Cl.
A63B 17/04 (2006.01)
A63B 9/00 (2006.01)
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E04H 15/02 (2006.01)
 (45) 07.01.2021
 (62) 2020100642
 (72) Andon, Joe
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2020204269 **FRESENIUS KABI DEUTSCHLAND GMBH** (Samsung Bioepis AU Pty Ltd)

Opposition Withdrawn - Proceed to Grant

2015289606 **Crane Security Technologies, Inc.; Visual Physics, LLC** (CCL Secure Pty Ltd)

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2019200662	2019200738	2019200791	2019200861
2019201035	2019201117	2019201560	2019201658
2019201938	2019201960	2019202068	2019202161
2019202281	2019202510	2019202776	2019202778
2019202994	2019203293	2019203408	2019203414
2019203584	2019203628	2019203675	2019203745
2019203797	2019203801	2019203998	2019204212
2019204254	2019204314	2019204520	2019204575
2019204582	2019204691	2019204760	2019205986
2019206036	2019206102	2019208190	2019213341
2019213402	2019216589	2019216661	2019216675
2019219786	2019222785	2019222912	2019226188
2019229382	2019232800	2019240722	2019246913
2019261758	2019271943	2019275533	2019275583
2019283841	2020200110	2020200646	2020201462
2020201792	2020203914	2020203918	2020204247
2020204503	2020213418		

Innovation Patents

2020102692	2020102719	2020102726	2020102825
2020102832	2020103080	2020103089	2020103090
2020103091	2020103092	2020103093	2020103094
2020103095	2020103096	2020103097	2020103098
2020103099	2020103100	2020103101	2020103102
2020103103	2020103104	2020103105	2020103106
2020103107	2020103108	2020103109	2020103110
2020103111	2020103112	2020103113	2020103114
2020103116	2020103117	2020103118	2020103119
2020103120	2020103121	2020103122	2020103123
2020103124	2020103125	2020103126	2020103127
2020103128	2020103129	2020103130	2020103131
2020103132	2020103133	2020103134	2020103135
2020103136	2020103137	2020103138	2020103139
2020103140	2020103141	2020103142	2020103143
2020103144	2020103145	2020103146	2020103147
2020103148	2020103149	2020103150	2020103151
2020103152	2020103153	2020103154	2020103156
2020103157	2020103158	2020103159	2020103160
2020103161			

Assignments Registered

2001286599 Shire LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**

Assignments Registered

2001297565 Shire LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2002315430 WideOrbit, Inc. The patent has been assigned to **WideOrbit LLC**

2003217676 Shire LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2004251647 Shire LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2004258144 VionX Energy Corporation The patent has been assigned to **Largo Clean Energy Corp.**

2005203686 Kaba Australia Pty Limited The patent has been assigned to **DORMA Australia Pty Ltd**

2005231575 Richter, Gunter The patent has been assigned to **Bodo Richter**

2006207991 VionX Energy Corporation The patent has been assigned to **Largo Clean Energy Corp.**

2006275718 Shire LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2007213767 Glaxo Group Limited The patent has been assigned to **Theravance Biopharma R&D IP, LLC**

2007293306 Aquam Corporation The patent has been assigned to **Nu Flow Technologies 2020 Inc.**

2008238179 Microbiome Limited The patent has been assigned to **Biomiris Capital Group B.V.**

2009214044 Bone Therapeutics The patent has been assigned to **Bone Therapeutics; GLOB-CO SRL**

2009216563 Aquam Corporation The patent has been assigned to **Nu Flow Technologies 2020 Inc.**

2009278433 Huawei Technologies Co., Ltd. The patent has been assigned to **Sharp Kabushiki Kaisha**

2010200837 VionX Energy Corporation The patent has been assigned to **Largo Clean Energy Corp.**

2010238504 Glaxo Group Limited The patent has been assigned to **Theravance Biopharma R&D IP, LLC**

2010246505 VionX Energy Corporation The patent has been assigned to **Largo Clean Energy Corp.**

2011319706 Shire, LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011336602 Shire LLC The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011367805 RMO, Inc. The patent has been assigned to **OrthoAmerica Holdings, LLC**

2012211361 Elegant Technical Solutions Pty Limited The patent has been assigned to **Interflow Holdings Pty Limited**

2012324789 Novartis AG The patent has been assigned to **Alcon Inc.**

2012363349 Kambouris, Gillian The patent has been assigned to **BOTANICAL WATER TECHNOLOGIES IP LTD**

Assignments Registered

2013202508 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2013202509 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2013206057 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2013337591 Elegant Technical Solutions Pty Limited The patent has been assigned to **Interflow Holdings Pty Limited**

2013350261 Nepetx, LLC The patent has been assigned to **Codexis, Inc.**

2014203812 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2014245866 Duggan, Kerry The patent has been assigned to **Totally New Technology Pty Ltd**

2014262488 Transaortic Medical, Inc. The patent has been assigned to **Medtronic, Inc.**

2014326418 Aquam Corporation The patent has been assigned to **Nu Flow Technologies 2020 Inc.**

2014336414 Vesucta ApS The patent has been assigned to **ColoLact A/S**

2015216438 Takeda Pharmaceutical Company Limited The patent has been assigned to **SCOHIA PHARMA, Inc.**

2016212625 Shanton Pharma Co., Ltd. The patent has been assigned to **Shanton Pharma Pte. Ltd.**

2016213732 RMO, Inc. The patent has been assigned to **OrthoAmerica Holdings, LLC**

2016262563 UATC, LLC The patent has been assigned to **Uber Technologies, Inc.**

2016274496 Wideorbit Inc. The patent has been assigned to **WideOrbit LLC**

2017340781 Vionx Energy Corporation The patent has been assigned to **Largo Clean Energy Corp.**

2017356809 Hong Kong Beida Jade Bird Display Limited The patent has been assigned to **Jade Bird Display (Shang Hai) Limited**

2017375626 Hong Kong Beida Jade Bird Display Limited The patent has been assigned to **Jade Bird Display (Shang Hai) Limited**

2019100282 Delmoni, Alex The patent has been assigned to **Dynatrim Pty Ltd**

2019100419 Frisby, Daniel; Hume, Casey The patent has been assigned to **Kira Holdings Pty Ltd**

2019200934 UATC, LLC The patent has been assigned to **Uber Technologies, Inc.**

2019210587 Uber Technologies, Inc. The patent has been assigned to **UATC, LLC**

Licences Registered - Section 187, Reg. 19

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

2005202591 Hynes, J.; Veivers, B. (Darley Aluminium Trading Pty Ltd)

Corrigenda

In Vol 34 , No 3 , Page(s) 394 under the heading **Amendments - Amendments Made** Amend the name of the inventor to read Kingston, Benjamin John; Karibandi, Akhil; Polavaram, Chetan; Stubbs, Thomas; Roberts, Jevawn; Harrison, Scott; Kaplita, Stan; Dennis, Christopher; Carpenter, Gregg; Schwarber, Joshua Casey and Peng, Tao

In Vol 34 , No 44 , Page(s) 6298 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Chr. Hansen A/S, Application No. 2019263623, under INID (54) correct the title to read Probiotic Bifidobacterium breve strain and compositions comprising said strain

In Vol 34 , No 46 , Page(s) 6524 under the heading **Innovation Patents Filed - Name Index** Under the name The 1st Affiliated Hospital of Kunming, Application No. 2020103080, under INID (71) correct the applicant name to Taiyuan University of Science and Technology

In Vol 34 , No 50 , Page(s) 7202 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name BYHEALTH Co., Ltd., Application No. 2019362348, under INID (71) correct the applicant name to BY-HEALTH Co., Ltd.

In Vol 34 , No 50 , Page(s) 7213 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name LG Chem, Ltd., Application No. 2019383896, under INID (54) correct the title to read Device and method for checking whether contactor provided in ESS is fused

In Vol 34 , No 51 , Page(s) 7304 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015382274.

In Vol 34 , No 51 , Page(s) 7304 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2016** Delete all reference to 2016101967.

In Vol 34 , No 51 , Page(s) 7305 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2019** Delete all reference to 2019204688.

In Vol 34 , No 51 , Page(s) 7308 under the heading **Amendments - Application for Amendments** Under the name Kilmallock (ACT) Pty Ltd, Innovation Patent No. 2018102073 correct the date of the statements filed to 30 Aug 2020 and 13 Nov 2020

In Vol 34 , No 51 , Page(s) 7310 under the heading **Amendments - Amendments Made** Under the name Aspen Aerogels, Inc., Application No. 2019279894, under INID (31) correct the priority details to US 62/678850 31 May 2018

In Vol 34 , No 51 , Page(s) 7369 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name TTi (Macao Commercial Offshore) Limited, Application No.2019327393, under INID (72) correct the co-inventor to DAWSON, Michael Paul

In Vol 34 , No 51 , Page(s) 7370 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Twinpigbiolab. Inc., Application No. 2019264092, under INID (72) correct the co-inventor to LEE, Do-Ha

Corrigenda

In Vol 34 , No 51 , Page(s) 7415 under the heading **Applications Accepted - Name Index** Under the name Vorwerk & Co. Interholding GmbH, Application No. 2016200875, under INID (72) correct the co-inventor to K#nnings, Maximilian

Specifications Republished

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

2015243289	Bio-Rad Europe GmbH
2016260408	Aqua Metals Inc.
2016364173	Unicharm Corporation
2017262706	Fidelta D.o.o.
2018203258	Cerenis Therapeutics Holding SA
2018250484	Apple Inc.
2018279000	Unilumin Group Co., Ltd.
2019242875	Seres Therapeutics, Inc.; Board Of Regents, The University Of Texas System