



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

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Freedom of Information ACT

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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 5 Jan 2021 .

(71) 3rd Axis Pty Ltd (21) 2020904764 (22) 21.12.2020 (54) Osteoimplant Framework for Improved Osteointegration	(71) AJAYAKUMAR, J. (21) 2020904693 (22) 16.12.2020 (54) MoBiNurse - Future of Health	(71) ATITOA-BRYANT, J.R.A.K. (21) 2020904697 (22) 17.12.2020 (54) SYSTEM AND METHOD FOR PROVIDING RETAIL PURCHASING OPPORTUNITIES IN REAL-TIME
(71) AAC Building Products Pty Ltd (21) 2020904822 (22) 23.12.2020 (54) A system and method for moving objects between vertically and/or horizontally spaced-apart locations on a building or like structure	(71) Alauda Aeronautics Pty Ltd (21) 2020904851 (22) 24.12.2020 (54) Collision avoidance for manned vertical take-off and landing aerial vehicles	Attwood, G.T. see Fonterra Co-Operative Group Limited (21) 2020904788
(71) Acamba Pty Ltd (21) 2020904686 (22) 16.12.2020 (54) Ladder platform system	(71) Alonso, M. (21) 2020904837 (22) 24.12.2020 (54) Device To Keep A Local Environment Free Of Airborne Viruses, Bacteria, And Other Contaminants	Attwood, G.T. see Fonterra Co-Operative Group Limited (21) 2020904789
(71) Agamalis, P. (21) 2020904834 (22) 23.12.2020 (54) Removable Road Vehicle Covers and Mouldings for Dent and Scratch Protection	(71) AMBETEX PTY LTD (21) 2020904651 (22) 14.12.2020 (54) Compositions and methods for prevention and treatment of cardiovascular disease.	(71) Austin Engineering Limited (21) 2020904845 (22) 24.12.2020 (54) A BUCKET FOR HANDLING GROUND MATERIAL
AgResearch Limited see Fonterra Co-Operative Group Limited (21) 2020904788	(71) AmPro Innovations Pty Ltd (21) 2020904792 (22) 22.12.2020 (54) Additive Manufacturing Powder Re-Coater Apparatus	(71) AWL IN IP PTY LTD (21) 2020904654 (22) 14.12.2020 (54) A DRINKS CONTAINER
AgResearch Limited see Fonterra Co-Operative Group Limited (21) 2020904789	(71) Anglo American Metallurgical Coal Pty Ltd (21) 2020904826 (22) 23.12.2020 (54) Image capturing assembly	(71) BAILEY, J.L. (21) 2020904777 (22) 21.12.2020 (54) Continuous Flow Steam Boiler Utilising Seawater as Feedstock
(71) Agriculture Victoria Services Pty Ltd (21) 2020904770 (22) 21.12.2020 (54) Selection Methods	(71) Ashes 2 Art (21) 2021900017 (22) 06.01.2021 (54) Human and animal ashes placed in resin for artwork or ornamental works for the purpose of bereavement and honoring those that have passed on.	Bassett, S.A. see Fonterra Co-Operative Group Limited (21) 2020904788
(71) AIK IP Pty Ltd (21) 2020904646 (22) 14.12.2020 (54) A method of assisted reproduction	(71) Astral Property Pty Ltd (21) 2020904796 (22) 22.12.2020 (54) Plastics Geocellular Structural Modules	Bassett, S.A. see Fonterra Co-Operative Group Limited (21) 2020904789
		(71) Ben Brogan Pty Ltd (21) 2021900040 (22) 11.01.2021 (54) SYSTEM AND METHOD OF PERMITTING CASHLESS AND CONTACTLESS FUNDS TRANSFER

Provisional Applications Filed - Name Index cont'd

(71) Benes, T.
(21) 2020904720 (22) 18.12.2020
(54) SYSTEM AND METHOD FOR ON-LINE GAMBLING

(71) Berkshire Renewable Energy Pty Ltd
(21) 2020904803 (22) 22.12.2020
(54) SYSTEM AND METHOD FOR LIFTING A STORAGE TANK OR A PART THEREOF

(71) BFRE Pty Ltd
(21) 2020904658 (22) 14.12.2020
(54) Lipped Angle Lintel

(71) BHARGAV AUTO PTY LTD
(21) 2020904748 (22) 19.12.2020
(54) System for powering an internal combustion engine of a vehicle

(71) Bionomics Limited
(21) 2020904724 (22) 18.12.2020
(54) Method of reducing the risk of cancer

(71) Bionomics Limited
(21) 2020904727 (22) 18.12.2020
(54) Method of treating or reducing the risk of cancer

(71) Blue Eggplant Pty Ltd
(21) 2020904674 (22) 15.12.2020
(54) LAPTOP DISPLAY SYSTEMS

(71) Bolack, R.C.
(21) 2020904647 (22) 14.12.2020
(54) Spine Orthotic System including design, construction and assembly of the Spine Orthotics and the positioning systems used to position the system and the user including Reclining Chair, Reclining/retracting platform and three (3) Floor-based positioning systems

(71) Bookout, L.
(21) 2020904678 (22) 16.12.2020
(54) Method for Carbonating Whiskeys and Hard Spirits

Bootooloo Holdings IBC Corp. see CUMMINS, I.
(21) 2020904866

(71) Botanix Pharmaceuticals Limited
(21) 2020904816 (22) 23.12.2020
(54) CBD Cannabinoids and CBD Cannabinoid Analogues

(71) BOVIN, N.; HENRY, S.
(21) 2020904671 (22) 15.12.2020
(54) ASSAY

(71) BrainSystems Pty Ltd
(21) 2020904663 (22) 15.12.2020
(54) Current analyser with wide dynamic range

(71) Breville Pty Limited
(21) 2020904743 (22) 18.12.2020
(54) Beverage appliance having filter monitor

(71) Breville Pty Limited
(21) 2020904817 (22) 23.12.2020
(54) Coffee compacting assembly and tamper

(71) Bugnet, A.
(21) 2020904855 (22) 25.12.2020
(54) Split Ring With Adhesive

(71) Burke, N.; O'Neill, J.
(21) 2020904802 (22) 22.12.2020
(54) Drag conveyor idler and method for replacing and manufacturing same

Butcher, S.R. see Gearon, M.
(21) 2020904749

(71) Camm, A.P.
(21) 2020904856 (22) 26.12.2020
(54) METHOD OF PROJECT COORDINATION

(71) Campbell, B.L.; Ray, P.
(21) 2020904754 (22) 21.12.2020
(54) Methods and Preparation and Uses of Xanthorrhoeaceae Compositions

(71) Canning, J.
(21) 2020904641 (22) 13.12.2020
(54) Using temperature and acoustic generation from reactions and other processes to monitor things

(71) Canning, J.
(21) 2021900001 (22) 01.01.2021
(54) Magnetic shielding

(71) Canning, J.
(21) 2021900002 (22) 01.01.2021
(54) Ablation for rejuvenating internal organs

(71) Cardio Therapeutics Pty Ltd
(21) 2020904774 (22) 21.12.2020
(54) Heterocyclic inhibitors of PCSK9

(71) Cenofex Innovations Pty Ltd
(21) 2020904840 (22) 24.12.2020
(54) Systems and methods for moving subcutaneous fluid

(71) chavan, r.
(21) 2020904876 (22) 31.12.2020
(54) AUTOMATED ERGONOMIC CHAIR FOR EXCAVATOR MACHINE

(71) chavan, r.
(21) 2020904877 (22) 31.12.2020
(54) ALL TERRAIN ROBOT

(71) Children's Medical Research Institute
(21) 2020904687 (22) 16.12.2020
(54) Adeno-associated virus capsids and vectors

(71) Children's Medical Research Institute
(21) 2020904689 (22) 16.12.2020
(54) AAV capsids and vectors

(71) CIRCULR RESEARCH PTY LTD
(21) 2020904859 (22) 28.12.2020
(54) VESSEL AND SYSTEM FOR REDUCING PACKAGING WASTE

(71) Clean Energy Resources Pty Ltd
(21) 2020904812 (22) 23.12.2020
(54) A PROCESS FOR CONVERTING WASTE INTO CLEAN ENERGY AND VALUE-ADDED PRODUCTS

(71) Clean Mining Pty Ltd
(21) 2020904771 (22) 21.12.2020
(54) PROCESS FOR RECOVERING PRECIOUS METAL FROM AN AQUEOUS SOLUTION

(71) Clean Powr Pty Ltd
(21) 2021900022 (22) 07.01.2021
(54) Modular Energy Apparatus

(71) Coldicott, G.
(21) 2020904708 (22) 17.12.2020
(54) ROTATABLE GUTTER SYSTEM

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2020904652 (22) 14.12.2020
(54) Methods and systems for determining parameters of anisotropy

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2020904756 (22) 21.12.2020
(54) Vehicle navigation

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2020904794 (22) 22.12.2020
(54) ABSORBENT FOR ACID GAS COM-PRISING HYPERCROSSLINKED POLYMER

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2020904841 (22) 24.12.2020
(54) Process for producing a metallic structure by cold spray deposition

(71) Contoleon, G.
(21) 2020904782 (22) 21.12.2020
(54) Gold and precious metal from deep plutonic origins involving high and low silica and subsequent top surface results

(71) Contoleon, G.
(21) 2020904783 (22) 21.12.2020
(54) Curved or bent aluminium base frame for scooter to use large wheels with 12 volt battery motor system and built in motion re-charge coil

(71) Coolcharge Pty Ltd
(21) 2021900021 (22) 07.01.2021
(54) A secondary fluid for engines

(71) Cripps Clark, J.
(21) 2020904776 (22) 21.12.2020
(54) FlowMake : systems of devices, architectures and methods for marketing of transaction bandwidth packages servicing reliable, secure and sustainable digital enterprise by diverse public users, including private enterprise, and where necessary purchasing and selling access packages to/from other digital economic platform systems ensuring an ongoing efficient reliable, secure contractable service by the platform's users with regulators able to monitor operation of the platform, ensure the sustainable health of the infrastructure, digital economies and society it is resourcing.

(71) Croft, B.
(21) 2021900000 (22) 01.01.2021
(54) Maternity/nursing bra with detachable, reusable nursing pads

Crouzet, L. see Fonterra Co-Operative Group Limited
(21) 2020904788

Crouzet, L. see Fonterra Co-Operative Group Limited
(21) 2020904789

(71) Cryogenics Holdings Pty Ltd
(21) 2020904746 (22) 18.12.2020
(54) Method and apparatus for preservation of biological material

(71) CSL Behring AG; CSL Behring Pty Ltd
(21) 2020904732 (22) 18.12.2020
(54) Coronavirus detection and therapy

CSL Behring Pty Ltd see CSL Behring AG
(21) 2020904732

(71) CSL Innovation Pty Ltd
(21) 2020904684 (22) 16.12.2020
(54) Protein formulations and uses thereof

(71) CSL Innovation Pty Ltd
(21) 2020904755 (22) 21.12.2020
(54) Methods for treating or preventing acute respiratory distress syndrome

(71) Cullis-Hill, S.
(21) 2020904824 (22) 23.12.2020
(54) Treatment for Coronavirus infection and associated cytokine toxicity (2)

(71) CUMMINS, I.; Bootooloo Holdings IBC Corp.
(21) 2020904866 (22) 29.12.2020
(54) Cummins Modular Stackable Water Renewal Treatment Systems incorporating Hydrogen Trioxide Production H₂O₃ and application in Multiple Reactor Chamber Technology.

(71) Cuomo, M.; Stanton, L.
(21) 2020904699 (22) 17.12.2020
(54) Sterilisation apparatus

(71) CWEK PTY LTD
(21) 2021900011 (22) 05.01.2021
(54) Carrier Composition

(71) Daniel, R.
(21) 2020904733 (22) 18.12.2020
(54) Oral imaging device & system

(71) Darlow, M.
(21) 2020904781 (22) 22.12.2020
(54) Darlow Grinding Jig

(71) Davey, A.
(21) 2020904778 (22) 21.12.2020
(54) Gravitational Energy Storage Apparatus & Method

(71) Davies, D.
(21) 2020904690 (22) 16.12.2020
(54) A private communication system

(71) Davis, M.
(21) 2020904657 (22) 14.12.2020
(54) A greenhouse unit containing a system of shelves and climate control measures to facilitate ideal conditions for growing mushrooms.

Dekker, J.W. see Fonterra Co-Operative Group Limited
(21) 2020904788

Dekker, J.W. see Fonterra Co-Operative Group Limited
(21) 2020904789

(71) Dion Carroll Pty Ltd
(21) 2021900007 (22) 04.01.2021
(54) Builders profiling tool

(71) DIPPN PTY LTD
(21) 2020904761 (22) 21.12.2020
(54) A ROTARY TATTOO PEN WITH BI-DIRECTIONAL NEEDLE DRIVE FUNCTIONALITY

(71) DrRest Pty Ltd
(21) 2020904874 (22) 31.12.2020
(54) A MATTRESS

(71) Dull Pty Ltd
(21) 2020904728 (22) 18.12.2020
(54) Method for establishing trusted data communication between networks

(71) durack, m.
(21) 2020904865 (22) 29.12.2020
(54) A improved method of stator winding.

(71) E2 Environments Engineered Pty Ltd
(21) 2020904763 (22) 21.12.2020
(54) Improved Provision of Fenestration Systems as part of a Prefabricated Walls

(71) Ellemor, S.
(21) 2020904857 (22) 27.12.2020
(54) Male Masturbator Condom Frame

(71) Ena Therapeutics Pty Ltd
(21) 2020904847 (22) 24.12.2020
(54) Branched Lipid Compounds

(71) Energen Technologies Ltd
(21) 2020904650 (22) 14.12.2020
(54) POWER/COOLING SYSTEM AND METHOD

Provisional Applications Filed - Name Index cont'd

(71) Eratos Group Pty Ltd
(21) 2020904752 (22) 21.12.2020
(54) Platform for Data Searching

(71) Exopharm Limited
(21) 2020904852 (22) 24.12.2020
(54) Fluorescent dyes

(71) EZ-LEADS PTY LTD
(21) 2020904808 (22) 23.12.2020
(54) Computer implemented technologies configured to enable efficient processing of electronic referrals in a business network system

(71) EZ-LEADS PTY LTD
(21) 2020904809 (22) 23.12.2020
(54) Computer implemented technologies configured to share content between electronic devices

(71) Feasibility Pty Ltd
(21) 2020904759 (22) 21.12.2020
(54) A modular logistics system

(71) Feltham, L.
(21) 2020904639 (22) 13.12.2020
(54) Table that transforms into a Coffee, Desk, Bar, Four seat, Eight seat Dining Table

(71) Feng, X.
(21) 2020904870 (22) 30.12.2020
(54) A TOY CONSTRUCTION ELEMENT AND A CONSTRUCTION KIT

Filipaina, J.A. see Torres, A.
(21) 2021900013

(71) Five Eyes Consulting Pty Ltd
(21) 2021900023 (22) 07.01.2021
(54) Five Eyes Security Manager

(71) Fonterra Co-Operative Group Limited; AgResearch Limited; Attwood, G.T.; Crouzet, L.; Bassett, S.A.; Dekker, J.W.; Hill, J.
(21) 2020904788 (22) 22.12.2020
(54) USE OF LACTIC ACID BACTERIA TO REDUCE METHANE PRODUCTION

(71) Fonterra Co-Operative Group Limited; AgResearch Limited; Attwood, G.T.; Crouzet, L.; Bassett, S.A.; Dekker, J.W.; Hill, J.; Young, W.
(21) 2020904789 (22) 22.12.2020
(54) USE OF LACTIC ACID BACTERIA TO REDUCE METHANE PRODUCTION

(71) Form 700 Pty Ltd
(21) 2020904683 (22) 16.12.2020
(54) A PERIMETER SAFETY SCREEN ASSEMBLY

(71) Fraser, M.
(21) 2021900005 (22) 04.01.2021
(54) A portable shelter

(71) Gardner, A.
(21) 2020904726 (22) 18.12.2020
(54) Household waste and recycling system and method.

(71) Garvan Institute of Medical Research
(21) 2020904811 (22) 23.12.2020
(54) SARS-CoV-2 antibodies

(71) Garvan Institute of Medical Research
(21) 2020904813 (22) 23.12.2020
(54) SARS-CoV-2 antibodies

(71) Gearon, M.; Butcher, S.R.
(21) 2020904749 (22) 20.12.2020
(54) Wheeled Device

(71) Gearon, M.
(21) 2020904875 (22) 31.12.2020
(54) improvements to rowing machines

(71) Gehrig, A.; Oakley, M.
(21) 2020904644 (22) 14.12.2020
(54) Hairdressing tool and method of using same

(71) Gekko Systems Pty Ltd
(21) 2020904769 (22) 21.12.2020
(54) A Ventilator

(71) Genesis Airway Innovations Pty Ltd
(21) 2020904818 (22) 23.12.2020
(54) Artificial airway device, system and method of use thereof

(71) Geng Pty Ltd
(21) 2020904873 (22) 31.12.2020
(54) Ammunition Primer Resonance Activation

(71) Glass, P.
(21) 2020904745 (22) 18.12.2020
(54) Support apparatus and method

Green, K. see Thoms, G.
(21) 2021900029

(71) Gretals Australia Pty Ltd
(21) 2020904863 (22) 29.12.2020
(54) COMPOSITIONS AND METHODS FOR THE PROPHYLAXIS AND TREATMENT OF FIBROTIC AND INFLAMMATORY CONDITIONS

(71) GroundProbe Pty Ltd
(21) 2020904713 (22) 17.12.2020
(54) BLAST SAFETY MONITORING SYSTEM

(71) Haidnay Innovation Company Pty Ltd
(21) 2020904670 (22) 15.12.2020
(54) COUPLING FOR GROUND ENGAGING CHAIN

(71) Hamel, D.
(21) 2020904700 (22) 17.12.2020
(54) A vehicular kinetic electric energy generation system

(71) hancock, w.
(21) 2020904735 (22) 18.12.2020
(54) Precast steel formwork, Concrete Floor System including Fire Rating and a method of construction.

(71) Hanson Construction Materials Pty Ltd
(21) 2020904741 (22) 18.12.2020
(54) HIGH PERFORMANCE SUSTAINABLE CONCRETE COMPOSITIONS

Harris, K.S. see Harris, J.G.
(21) 2020904795

(71) Harris, J.G.; Harris, K.S.
(21) 2020904795 (22) 22.12.2020
(54) DUST SUPPRESSION METHOD AND COMPOSITION

(71) Hayes, O.
(21) 2020904751 (22) 20.12.2020
(54) ThrowSmart Javelin technology

Hayllar, M. see Hayllar, M.
(21) 2021900043

(71) Hayllar, M.; Hayllar, M.
(21) 2021900043 (22) 11.01.2021
(54) The Vibrating Sinker

(71) Hedgehope Pty Ltd
(21) 2020904765 (22) 21.12.2020
(54) Bedding Accessory

(71) Henderson, D.
(21) 2021900008 (22) 05.01.2021
(54) BHACE drop in ducted reverse cycle

Provisional Applications Filed - Name Index cont'd

HENRY, S. see BOVIN, N.
(21) 2020904671

(71) Hertz Technologies Pty Ltd
(21) 2020904787 (22) 22.12.2020
(54) WEARABLE PERSONAL WORK-
PLACE CONDITION MONITOR

(71) HGWIT Pty Ltd
(21) 2020904703 (22) 17.12.2020
(54) Topical composition

Hill, J. see Fonterra Co-Operative Group Limited
(21) 2020904788

Hill, J. see Fonterra Co-Operative Group Limited
(21) 2020904789

(71) Horan, P.
(21) 2020904842 (22) 24.12.2020
(54) A SYSTEM AND METHOD FOR DE-
TERMINING AN AMOUNT OF AN AD-
DITIVE TO ADD TO A LIQUID

(71) Hunter, M.
(21) 2020904618 (22) 11.12.2020
(54) SafeForce

(71) Hutchison, R.
(21) 2021900034 (22) 08.01.2021
(54) Beverage Device

(71) Ice Vault Pty Ltd
(21) 2020904660 (22) 15.12.2020
(54) BLANK FOR FORMING A RECEP-
TACLE, RECEPTACLE AND METHOD

(71) Illinois Tool Works Inc.
(21) 2020904691 (22) 16.12.2020
(54) Anchor

(71) Imrie, S.
(21) 2021900004 (22) 04.01.2021
(54) AUTOMATED STEERING SYSTEM
AND METHOD FOR A MARINE VES-
SEL

(71) Imtrade Australia Pty Ltd
(21) 2020904668 (22) 15.12.2020
(54) Pesticide formulation comprising hexy-
thiazox

(71) Imtrade Australia Pty Ltd
(21) 2020904772 (22) 21.12.2020
(54) Pesticide formulation comprising
chlorpyrifos-methyl and deltamethrin

(71) Incitec Pivot Limited
(21) 2020904709 (22) 17.12.2020
(54) Improved Nitrification Inhibitors and
Formulations

(71) Incitec Pivot Limited
(21) 2020904839 (22) 24.12.2020
(54) Further Improved Fertiliser

(71) InfoTrack Pty Limited
(21) 2020904659 (22) 15.12.2020
(54) A computer system and a method for
comparing a first image file containing
first text with a second image file con-
taining second text and a data structure
for use in such a system and method

(71) Innovgas Pty Ltd
(21) 2020904860 (22) 28.12.2020
(54) HEAD SUPPORT APPARATUS

(71) InterK Peptide Therapeutics Limited
(21) 2020904835 (22) 24.12.2020
(54) INHIBITORS AND METHODS FOR
TREATING DRUG ADDICTION

(71) IP RESERVE PTY LTD
(21) 2020904775 (22) 21.12.2020
(54) SCREW PILE

(71) JAENSCH, A.T.
(21) 2020904869 (22) 30.12.2020
(54) Bracket Tool

(71) JERICHO OFFROAD PTY LTD
(21) 2020904825 (22) 23.12.2020
(54) VEHICLE RECOVERY EQUIPMENT
STORAGE ARRANGEMENT

(71) JONATHAN E & HEATHER G PRYER
(21) 2021900014 (22) 06.01.2021
(54) Counter Balanced Bin Lid

(71) Jones, N.
(21) 2021900035 (22) 08.01.2021
(54) Liquid-filtered Atmospheric Purification
Respirator (L.A.P.R.)

(71) Kaplan, D.M.
(21) 2020904734 (22) 18.12.2020
(54) FITTED SHEET OR MATTRESS PRO-
TECTOR

(71) kilkeny, s.
(21) 2020904665 (22) 15.12.2020
(54) This invention is: A unique compart-
mentalized Wet and Dry Wipe and
Hand Towel/Toilet Roll Dispensing Sys-
tem (the 'System') that incorporates the
use of a unique associated waste elim-
inating system. This "system" is set to
address and revolutionize current inef-
ficiencies associated with the way that
personal hygiene/toiletry products, as
well as domestic and industrial clean-
ing/sanitizing wipes products (and the
like) are removed to and enter the en-
vironment. This system utilizes "fire
and ice" technology which effectively
renders the used combustible materials
back to their basic elements.

(71) L.S.C. Electronics Pty Ltd
(21) 2020904773 (22) 21.12.2020
(54) Power distribution

Latham, V.J. see Stevens, A.J.
(21) 2020904679

(71) Laurence, E.
(21) 2021900015 (22) 06.01.2021
(54) Smart In-Pot Plant Maintenance Device

(71) Lendlease Digital IP Pty Limited
(21) 2020904832 (22) 23.12.2020
(54) Building system and method of con-
struction

(71) Livesense Pty Ltd
(21) 2020904655 (22) 14.12.2020
(54) SYSTEM, METHOD AND APPARATUS
FOR AUTOMATED RECORDAL OF
PARAMETERS

(71) MacMillan, S.
(21) 2020904879 (22) 31.12.2020
(54) 'Bushfire Balloons' are designed to
aid in the protection of a home in the
event of an imminent ember attack.
Large latex balloons are filled outside
with CO2 gas and sealed then used
to safely fill the home interior and roof
cavity. The occupants can now evac-
uate to a safe area as directed by au-
thorities. The home is now devoid of
oxygen and replaced with CO2 safely
encapsulated in the balloons. Heat from
any embers trying to enter the home
will burst the balloon(s) in that vicinity
and extinguish any flames. This pro-
cess will repeat itself at the location of
each subsequent ember threat.

Provisional Applications Filed - Name Index cont'd

(71) Macquarie University
(21) 2020904672 (22) 15.12.2020
(54) TRANSGENIC INSECTS AND PREAR-
ATIONS THEREOF FOR BIOREMDI-
ATION

(71) Macquarie University
(21) 2020904767 (22) 21.12.2020
(54) Treatment of Glaucoma

(71) Magoo Iyer, H.P.K.
(21) 2020904750 (22) 20.12.2020
(54) SYSTEMS AND METHODS FOR EN-
ABLING BLIND OR VISUALLY CHAL-
LENGED PERSONS TO PLAY ONLINE
GAMES

(71) Makuri Technology Pty Ltd
(21) 2020904831 (22) 23.12.2020
(54) A crusher mantle lifting device

(71) McKay Drilling Pty Ltd
(21) 2021900012 (22) 05.01.2021
(54) Systems and Methods for Gas Com-
pression

(71) McMurray, M.
(21) 2020904698 (22) 17.12.2020
(54) Lockable Mooring Buoy

(71) McNally, A.
(21) 2021900031 (22) 08.01.2021
(54) Flying insect eradication device

**Medair Limited see QIMR Berghofer Medic-
al Research Institute**
(21) 2020904854

(71) Meehan, A.
(21) 2020904864 (22) 29.12.2020
(54) Childsafe handle

(71) Meng, Y.H.
(21) 2020904862 (22) 29.12.2020
(54) Adjustable Hinge Assembly

(71) Mesoblast International Sarl
(21) 2020904675 (22) 15.12.2020
(54) Method of treating progressive heart
failure in subjects with Class II heart
failure

(71) Miles, S.
(21) 2020904669 (22) 15.12.2020
(54) STORAGE BAGS

(71) Milich, S.
(21) 2020904682 (22) 16.12.2020
(54) Radio control mower - self-driven
mower.

(71) Minappi Pty Ltd
(21) 2020904685 (22) 16.12.2020
(54) Garment

(71) Minelab Electronics Pty. Limited
(21) 2020904645 (22) 14.12.2020
(54) A MAGNETIC FIELD ANTENNA OF A
METAL DETECTOR

(71) Monash University
(21) 2020904653 (22) 14.12.2020
(54) CCR6 antibodies

(71) Monash University
(21) 2020904667 (22) 15.12.2020
(54) Method to generate multipotent progen-
itors

(71) Monash University
(21) 2020904717 (22) 17.12.2020
(54) Methods and Compositions-II

(71) Monash University
(21) 2020904762 (22) 21.12.2020
(54) IMPROVED DATA TRANSMISSION
RATES FROM OPTICAL SOURCES

(71) Montgomery, S.L.
(21) 2020904704 (22) 17.12.2020
(54) A MOUNTING ASSEMBLY

(71) Morony, C.
(21) 2021900032 (22) 08.01.2021
(54) LOAD RESTRAINT SYSTEM AND
METHOD

(71) Morrison Oriental Pty Ltd
(21) 2021900027 (22) 07.01.2021
(54) Protective Equipment

(71) Naish, S.
(21) 2020904878 (22) 31.12.2020
(54) Powder Shaker System

(71) NewSouth Innovations Pty Limited
(21) 2020904707 (22) 17.12.2020
(54) Splicing Kinase Inhibitors

(71) NewSouth Innovations Pty Limited
(21) 2020904737 (22) 18.12.2020
(54) Circuitry and methods of operating a
photodiode

(71) NewSouth Innovations Pty Limited
(21) 2020904740 (22) 18.12.2020
(54) A non-invasive system and method
for measuring systolic and/or diastolic
blood pressure

(71) Nunhems B.V.
(21) 2020904757 (22) 21.12.2020
(54) Watermelon Variety NUN 11801 WMW

(71) Nunhems B.V.
(21) 2020904758 (22) 21.12.2020
(54) Watermelon Variety NUN 11802 WMW

O'Neill, J. see Burke, N.
(21) 2020904802

Oakley, M. see Gehrig, A.
(21) 2020904644

(71) Oregon House Pty Ltd
(21) 2020904662 (22) 15.12.2020
(54) Disc mount assembly

(71) Ovula Pty Ltd
(21) 2020904784 (22) 22.12.2020
(54) Method for improved ovulation outcome
for assisted reproductive therapy

(71) OZGREEN ENERGY PTY LTD
(21) 2020904744 (22) 18.12.2020
(54) SYSTEM AND METHOD FOR MONIT-
ORING WATER QUALITY

(71) Pagden, K.
(21) 2020904694 (22) 16.12.2020
(54) Disposable, temperature zoned, deliv-
ery satchel for fresh food and medicine
parcel deliveries in high ambient condi-
tions

(71) Paranta Biosciences Limited
(21) 2020904695 (22) 17.12.2020
(54) Method of producing follistatin and uses
thereof

(71) Paranta Biosciences Limited
(21) 2020904696 (22) 17.12.2020
(54) Method of purifying follistatin and uses
thereof

(71) Paroissien, R.
(21) 2020904701 (22) 17.12.2020
(54) An emergency door access system

(71) PIPA Pty Ltd
(21) 2020904779 (22) 21.12.2020
(54) PIPE PULLING ASSEMBLY

Provisional Applications Filed - Name Index cont'd

(71) Pisacane, N.
(21) 2020904729 **(22)** 18.12.2020
(54) Indoor UVC Air Sterilization Programmable Sensor Controlled Switching Module.

Poolrite IP Pty Ltd see The University of Queensland
(21) 2020904848

(71) Precision AI Pty Ltd
(21) 2021900016 **(22)** 06.01.2021
(54) Surgical system

(71) PreveCeutical Medical Inc.
(21) 2020904798 **(22)** 22.12.2020
(54) Cyclic Peptides and Uses Thereof

(71) QIMR Berghofer Medical Research Institute; Medair Limited
(21) 2020904854 **(22)** 24.12.2020
(54) SYSTEM AND METHOD FOR AIR STERILISATION

(71) Ralli, R.
(21) 2020904804 **(22)** 23.12.2020
(54) An on-board vehicle supplementary diagnostic information display system

(71) Ramsey, S.
(21) 2020904656 **(22)** 14.12.2020
(54) Overhead luggage that converts into a cajon drum with adjustable snare

(71) Rapid Phenotyping Pty Limited
(21) 2020904721 **(22)** 18.12.2020
(54) Method of Processing Interferometry Signal, and Associated Interferometer

(71) Rapid Power Industries
(21) 2020904705 **(22)** 17.12.2020
(54) ALTERNATOR ASSEMBLY

(71) Rapid Power Industries
(21) 2020904706 **(22)** 17.12.2020
(54) IMPROVED BRUSHLESS ALTERNATOR

Ray, P. see Campbell, B.L.
(21) 2020904754

(71) Reay, M.
(21) 2021900025 **(22)** 07.01.2021
(54) A system and method for mesh interconnectivity across mobile wireless networks.

Reiter, G. see Ward, J.
(21) 2020904814

(71) ResMed Pty Ltd
(21) 2020904664 **(22)** 15.12.2020
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) ResMed Pty Ltd
(21) 2020904681 **(22)** 16.12.2020
(54) PATIENT INTERFACE WITH TEXTILE FRAME

(71) ResMed Pty Ltd
(21) 2020904849 **(22)** 24.12.2020
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) ResMed Pty Ltd
(21) 2020904868 **(22)** 30.12.2020
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

RevRoof Pty Ltd see Studio 9 Architects Pty Ltd
(21) 2020904711

(71) Rio Tinto Alcan International Limited
(21) 2020904853 **(22)** 24.12.2020
(54) A MODULAR PURIFICATION PLANT AND A METHOD OF ASSEMBLY THEREOF

(71) Ripponlea Australia Pty Ltd
(21) 2020904780 **(22)** 21.12.2020
(54) Multi Function Entrance Lock

(71) Ritchie, B.
(21) 2020904838 **(22)** 24.12.2020
(54) Renewal Energy Power Plant

(71) Roberts, A.K.G.
(21) 2020904867 **(22)** 29.12.2020
(54) A Magnetic Walking Aid

(71) Ruby Industries Pty Limited
(21) 2021900036 **(22)** 08.01.2021
(54) Pliers

(71) Salera, D.
(21) 2021900018 **(22)** 06.01.2021
(54) PORTABLE BUILDING STRUCTURE

(71) Sands Innovations Ltd
(21) 2020904819 **(22)** 23.12.2020
(54) A CONTAINER

(71) Savage, A.
(21) 2020904821 **(22)** 23.12.2020
(54) Marine Fishery Trap Baits and Derivatives

(71) Schenck Process Australia Pty Limited
(21) 2020904722 **(22)** 18.12.2020
(54) Wear Scanning of Screening and Other Ore Treatment Decks

(71) Schenck Process Australia Pty Limited
(21) 2020904723 **(22)** 18.12.2020
(54) Robotic Panel Module Removal and Replacement in Ore Treatment Apparatus

(71) SDA Engineering Pty Ltd
(21) 2020904742 **(22)** 18.12.2020
(54) A PYROLYSIS METHOD AND SYSTEM

(71) SDI Limited
(21) 2020904712 **(22)** 17.12.2020
(54) A DENTAL CAPSULE

(71) Segnut Pty Ltd
(21) 2020904716 **(22)** 17.12.2020
(54) THREADED STUD/ROD FASTENER ARRANGEMENTS AND COMPONENTS THEREOF

(71) Shady Pillows
(21) 2020904673 **(22)** 15.12.2020
(54) Safe Stash Cushion

(71) Shannon, P.
(21) 2020904799 **(22)** 22.12.2020
(54) Conduit Spacer

(71) Sheahan, C.
(21) 2020904718 **(22)** 18.12.2020
(54) The Invention of a novel "telescoping" striker firing mechanism for small arms.

(71) Sipco Pty Ltd
(21) 2020904680 **(22)** 16.12.2020
(54) Detection and Alerting System for Precursors to Spoilage or Spontaneous Combustion and the Method thereof

(71) Skutopia Pty Ltd
(21) 2021900028 **(22)** 07.01.2021
(54) An Automated Inventory Management System

Provisional Applications Filed - Name Index cont'd

(71) SLAB TECHNOLOGIES PTY LTD
(21) 2020904872 (22) 30.12.2020
(54) A VOID FORMING SYSTEM FOR USE
IN FORMING A CONCRETE SLAB

(71) Sluyter, S.V.
(21) 2020904736 (22) 18.12.2020
(54) Quantitative protein analysis

(71) Smart Grid Solutions Pty Ltd
(21) 2020904801 (22) 22.12.2020
(54) ELECTRIC VEHICLE CHARGING IN-
FRAStructure

(71) Smith, G.
(21) 2020904731 (22) 18.12.2020
(54) The New Village Deck of Cards

(71) SOFRACO Engineering Systems Pty
Ltd
(21) 2020904785 (22) 22.12.2020
(54) BARRIER SYSTEM

(71) Spray Nozzle Engineering Pty Ltd
(21) 2020904829 (22) 23.12.2020
(54) An Aspirating Spray Nozzle Assembly

(71) Sprudzans, M.
(21) 2020904753 (22) 21.12.2020
(54) Tapware Friction Strap

(71) St. Vincent's Hospital Sydney Limited
(21) 2020904760 (22) 21.12.2020
(54) Blood pump controller

Stanton, L. see Cuomo, M.
(21) 2020904699

(71) Stevens, A.J.; Latham, V.J.
(21) 2020904679 (22) 16.12.2020
(54) A HOLDER FOR VESSELS

(71) Strati, R.
(21) 2021900020 (22) 07.01.2021
(54) MOBILE SPRAYING ASSEMBLY

(71) Stuart, J.
(21) 2020904790 (22) 22.12.2020
(54) The invention is a core based tie holder.
The small end of the tie is rolled around
a bar and kept in place with convex
plates. A three bar strap is then affixed
over the top keeping the tie in place.

(71) Stuart, K.
(21) 2020904858 (22) 27.12.2020
(54) Cognitive Image Sensor

(71) Studio 9 Architects Pty Ltd; RevRoof
Pty Ltd
(21) 2020904711 (22) 17.12.2020
(54) BUILDING CLADDING SYSTEM AND
METHOD

(71) Sun Star Group
(21) 2020904806 (22) 23.12.2020
(54) Reusable cup sanitiser. This unit will al-
low for the general public to utilise their
reusable cups (Keep cups) in cafes and
coffee shop to be sanitised and elimin-
ate any viruses with the use of Ultra Vi-
olet light in order to eliminate the need
to utilise disposable cups.

(71) Swinburne University of Technology
(21) 2020904719 (22) 18.12.2020
(54) Patient Garment

(71) Szekely, D.
(21) 2020904815 (22) 23.12.2020
(54) Tubular Solar Collector

(71) TBS (Aust) Pty Ltd
(21) 2020904797 (22) 22.12.2020
(54) CURTAIN INSTALLATION SYSTEM

(71) Technological Resources Pty. Limited
(21) 2020904710 (22) 17.12.2020
(54) Method and system for automated rock
recognition

(71) Technological Resources Pty. Limited
(21) 2020904850 (22) 24.12.2020
(54) Method and system for automated rock
recognition

(71) Tesla UV Decontamination Systems
Pty. Ltd.
(21) 2020904846 (22) 24.12.2020
(54) Devices incorporating decontamination
means therein

(71) The Macfarlane Burnet Institute for
Medical Research and Public Health
Ltd
(21) 2020904823 (22) 23.12.2020
(54) MODIFIED IMMUNOGLOBULIN AND
METHOD OF USE THEREOF (1)

(71) The University of Melbourne
(21) 2020904820 (22) 23.12.2020
(54) Coronavirus vaccine

(71) The University of Queensland
(21) 2020904810 (22) 23.12.2020
(54) Histone deacetylase inhibitors

(71) The University of Queensland
(21) 2020904844 (22) 24.12.2020
(54) Antagonists and uses therefor

(71) The University of Queensland; Poolrite
IP Pty Ltd
(21) 2020904848 (22) 24.12.2020
(54) WATER TREATMENT

(71) The University of Sydney
(21) 2020904676 (22) 14.12.2020
(54) Modulators of the oxytocin receptor

(71) The University of Sydney
(21) 2020904677 (22) 14.12.2020
(54) Oxytocin receptor modulators

(71) The University of Sydney
(21) 2020904768 (22) 21.12.2020
(54) Acceleration measurement system

(71) The University of Sydney
(21) 2020904791 (22) 22.12.2020
(54) Ligands and their use

(71) The University of Sydney
(21) 2020904800 (22) 22.12.2020
(54) Compositions for the delivery of phage

(71) Third Zeton Pty Ltd
(21) 2020904833 (22) 23.12.2020
(54) Gas burner system for a bitumen tank

(71) Thoms, G.; Green, K.
(21) 2021900029 (22) 07.01.2021
(54) Reversal of ocean acidification and se-
questration of carbon dioxide as bicar-
bonate incorporating a negative emis-
sions process based on electrolysing
sodium chloride to make alkali and us-
ing renewable energy for the process.

(71) Thomson, J.
(21) 2020904692 (22) 16.12.2020
(54) System and method for motorcycle
braking

Thorburn, R. see Thorburn, C.
(21) 2020904827

(71) Thorburn, C.; Thorburn, R.
(21) 2020904827 (22) 23.12.2020
(54) DANGER ALERT DEVICE FOR
VEHICLES AND METHODS OF USE

(71) Thurgood, C.
(21) 2020904843 (22) 24.12.2020
(54) A support surface for use with a key-
board or mouse

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(71) Tito, P.
(21) 2020904643 (22) 14.12.2020
(54) A BRACKET ASSEMBLY AND SYSTEM FOR SECURING A BAR TABLETOP OVER BALUSTRADE RAILS OF VARYING CROSS-SECTIONAL WIDTH

(71) Torres, A.
(21) 2020904661 (22) 15.12.2020
(54) A remote accessed telecommunication and wireless mobile data device and system of telecommunication and data stealth

(71) Torres, A.; Filipaina, J.A.
(21) 2021900013 (22) 06.01.2021
(54) A composition containing kavapyrones and kavalactones with a multipurpose administration usage

(71) Tottenham, B.
(21) 2021900006 (22) 04.01.2021
(54) A Barber Chair

(71) Town & Country Building Pty Ltd
(21) 2021900039 (22) 11.01.2021
(54) SYSTEM AND METHOD FOR FACILITATING BUILDING INSPECTIONS

(71) Tritium Holdings Pty Ltd
(21) 2020904738 (22) 18.12.2020
(54) ELECTRIC VEHICLE CHARGING SYSTEM

(71) University of Technology Sydney
(21) 2020904649 (22) 14.12.2020
(54) Synthesis of hexagonal boron nitride nanoparticles hosting quantum emitters

Verschuur, M. see Vowles, R.
(21) 2020904688

(71) VIAGGIO PTY LTD
(21) 2020904642 (22) 13.12.2020
(54) A Research Method and System for Buying Real Property

(71) Vijayanayagam, A.
(21) 2020904739 (22) 18.12.2020
(54) Systems and methods for generating and maintaining work units

(71) VIPER Cell Technologies Pty Ltd
(21) 2021900009 (22) 05.01.2021
(54) Methods and compositions for regulation of cell surface or secreted molecules

(71) Vlepis Solutions Pty Ltd
(21) 2020904836 (22) 24.12.2020
(54) Devices, systems and methods for monitoring physiological characteristics of a patient

(71) Vowles, R.; Verschuur, M.
(21) 2020904688 (22) 16.12.2020
(54) Prosthetic Knee meniscus

(71) WALKER, K.
(21) 2020904830 (22) 23.12.2020
(54) LAUNDRY CLIP

(71) Wang, H.C.
(21) 2021900019 (22) 06.01.2021
(54) Top and Bottom or Round Two Yaw Axis Rotors No Tail Boom and No Tail Rotor Modify Design on each kind of Helicopter #####

(71) Ward, J.; Reiter, G.
(21) 2020904814 (22) 23.12.2020
(54) A method, apparatus and system for collecting atmospheric water III

(71) Ward, L.D.
(21) 2020904828 (22) 23.12.2020
(54) METHOD AND APPARATUS FOR ESTABLISHING ELECTRICAL CONNECTIONS

(71) Werld Australia Pty Ltd
(21) 2020904786 (22) 22.12.2020
(54) A device for tiling

(71) Wijaya, W.
(21) 2021900003 (22) 01.01.2021
(54) Virtual Trust Account Platform for Payment (Escrow)

(71) Wilkins, D.
(21) 2021900024 (22) 07.01.2021
(54) Temporary Road Sign Mount

(71) WILLIAMS, B.
(21) 2020904766 (22) 21.12.2020
(54) Personal Transport Vehicle

(71) Willowtree Holdings Pty Ltd
(21) 2020904725 (22) 18.12.2020
(54) Wheeled Box

(71) Wood, J.
(21) 2020904702 (22) 17.12.2020
(54) A trike tilting axle assembly

(71) XEFCO PTY LTD
(21) 2020904747 (22) 18.12.2020
(54) SYSTEM FOR TREATMENT OF SUBSTRATES

(71) XEFCO PTY LTD
(21) 2021900010 (22) 05.01.2021
(54) ARTICLE WITH PATHOGEN INHIBITING TREATMENT

(71) XENEXUS PHARMACEUTICALS PTY LTD
(21) 2020904714 (22) 17.12.2020
(54) TREATMENT OF COVID-19 WITH REBAMIPIDE

(71) Xero Limited
(21) 2020904715 (22) 17.12.2020
(54) Systems and methods for matching entities

(71) Xero Limited
(21) 2020904805 (22) 23.12.2020
(54) Transaction Data Processing Systems and Methods

Young, W. see Fonterra Co-Operative Group Limited
(21) 2020904789

(71) Zircon Chambers Pty. Ltd.
(21) 2020904793 (22) 22.12.2020
(54) Aspirator

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2020904618	Hunter, M.	2020904708	Coldicott, G.
2020904639	Feltham, L.	2020904709	Incitec Pivot Limited
2020904641	Canning, J.	2020904710	Technological Resources Pty. Limited
2020904642	VIAGGIO PTY LTD	2020904711	Studio 9 Architects Pty Ltd; RevRoof Pty Ltd
2020904643	Tito, P.	2020904712	SDI Limited
2020904644	Gehrig, A.; Oakley, M.	2020904713	GroundProbe Pty Ltd
2020904645	Minelab Electronics Pty. Limited	2020904714	XENEXUS PHARMACEUTICALS PTY LTD
2020904646	AIK IP Pty Ltd	2020904715	Xero Limited
2020904647	Bolack, R.C.	2020904716	Segnut Pty Ltd
2020904649	University of Technology Sydney	2020904717	Monash University
2020904650	Energen Technologies Ltd	2020904718	Sheahan, C.
2020904651	AMBETEX PTY LTD	2020904719	Swinburne University of Technology
2020904652	Commonwealth Scientific and Industrial Research Organisation	2020904720	Benes, T.
2020904653	Monash University	2020904721	Rapid Phenotyping Pty Limited
2020904654	AWL IN IP PTY LTD	2020904722	Schenck Process Australia Pty Limited
2020904655	Livesense Pty Ltd	2020904723	Schenck Process Australia Pty Limited
2020904656	Ramsey, S.	2020904724	Bionomics Limited
2020904657	Davis, M.	2020904725	Willowtree Holdings Pty Ltd
2020904658	BFRE Pty Ltd	2020904726	Gardner, A.
2020904659	InfoTrack Pty Limited	2020904727	Bionomics Limited
2020904660	Ice Vault Pty Ltd	2020904728	Dull Pty Ltd
2020904661	Torres, A.	2020904729	Pisacane, N.
2020904662	Oregon House Pty Ltd	2020904731	Smith, G.
2020904663	BrainSystems Pty Ltd	2020904732	CSL Behring AG; CSL Behring Pty Ltd
2020904664	ResMed Pty Ltd	2020904733	Daniel, R.
2020904665	kilkenny, s.	2020904734	Kaplan, D.M.
2020904667	Monash University	2020904735	hancock, w.
2020904668	Imtrade Australia Pty Ltd	2020904736	Sluyter, S.V.
2020904669	Miles, S.	2020904737	NewSouth Innovations Pty Limited
2020904670	Haidnay Innovation Company Pty Ltd	2020904738	Tritium Holdings Pty Ltd
2020904671	BOVIN, N.; HENRY, S.	2020904739	Vijayanayagam, A.
2020904672	Macquarie University	2020904740	NewSouth Innovations Pty Limited
2020904673	Shady Pillows	2020904741	Hanson Construction Materials Pty Ltd
2020904674	Blue Eggplant Pty Ltd	2020904742	SDA Engineering Pty Ltd
2020904675	Mesoblast International Sarl	2020904743	Breville Pty Limited
2020904676	The University of Sydney	2020904744	OZGREEN ENERGY PTY LTD
2020904677	The University of Sydney	2020904745	Glass, P.
2020904678	Bookout, L.	2020904746	Cryogenics Holdings Pty Ltd
2020904679	Stevens, A.J.; Latham, V.J.	2020904747	XEFCO PTY LTD
2020904680	Sipco Pty Ltd	2020904748	BHARGAV AUTO PTY LTD
2020904681	ResMed Pty Ltd	2020904749	Gearon, M.; Butcher, S.R.
2020904682	Milich, S.	2020904750	Magoo Iyer, H.P.K.
2020904683	Form 700 Pty Ltd	2020904751	Hayes, O.
2020904684	CSL Innovation Pty Ltd	2020904752	Eratos Group Pty Ltd
2020904685	Minappi Pty Ltd	2020904753	Sprudzans, M.
2020904686	Acamba Pty Ltd	2020904754	Campbell, B.L.; Ray, P.
2020904687	Children's Medical Research Institute	2020904755	CSL Innovation Pty Ltd
2020904688	Vowles, R.; Verschuur, M.	2020904756	Commonwealth Scientific and Industrial Research Organisation
2020904689	Children's Medical Research Institute	2020904757	Nunhems B.V.
2020904690	Davies, D.	2020904758	Nunhems B.V.
2020904691	Illinois Tool Works Inc.	2020904759	Feasibility Pty Ltd
2020904692	Thomson, J.	2020904760	St. Vincent's Hospital Sydney Limited
2020904693	AJAYAKUMAR, J.	2020904761	DIPPEN PTY LTD
2020904694	Pagden, K.	2020904762	Monash University
2020904695	Paranta Biosciences Limited	2020904763	E2 Environments Engineered Pty Ltd
2020904696	Paranta Biosciences Limited	2020904764	3rd Axis Pty Ltd
2020904697	ATITOA-BRYANT, J.R.A.K.	2020904765	Hedgehope Pty Ltd
2020904698	McMurray, M.	2020904766	WILLIAMS, B.
2020904699	Cuomo, M.; Stanton, L.	2020904767	Macquarie University
2020904700	Hamel, D.	2020904768	The University of Sydney
2020904701	Paroissien, R.	2020904769	Gekko Systems Pty Ltd
2020904702	Wood, J.	2020904770	Agriculture Victoria Services Pty Ltd
2020904703	HGWIT Pty Ltd	2020904771	Clean Mining Pty Ltd
2020904704	Montgomery, S.L.	2020904772	Imtrade Australia Pty Ltd
2020904705	Rapid Power Industries	2020904773	L.S.C. Electronics Pty Ltd
2020904706	Rapid Power Industries	2020904774	Cardio Therapeutics Pty Ltd
2020904707	NewSouth Innovations Pty Limited	2020904775	IP RESERVE PTY LTD

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2020904776	Cripps Clark, J.	2020904842	Horan, P.
2020904777	BAILEY, J.L.	2020904843	Thurgood, C.
2020904778	Davey, A.	2020904844	The University of Queensland
2020904779	PIPA Pty Ltd	2020904845	Austin Engineering Limited
2020904780	Ripponlea Australia Pty Ltd	2020904846	Tesla UV Decontamination Systems Pty. Ltd.
2020904781	Darlow, M.	2020904847	Ena Therapeutics Pty Ltd
2020904782	Contoleon, G.	2020904848	The University of Queensland; Poolrite IP Pty Ltd
2020904783	Contoleon, G.	2020904849	ResMed Pty Ltd
2020904784	Ovula Pty Ltd	2020904850	Technological Resources Pty. Limited
2020904785	SOFRACO Engineering Systems Pty Ltd	2020904851	Alauda Aeronautics Pty Ltd
2020904786	World Australia Pty Ltd	2020904852	Exopharm Limited
2020904787	Hertz Technologies Pty Ltd	2020904853	Rio Tinto Alcan International Limited
2020904788	Fonterra Co-Operative Group Limited; AgResearch Limited; Attwood, G.T.; Crouzet, L.; Bassett, S.A.; Dekker, J.W.; Hill, J.	2020904854	QIMR Berghofer Medical Research Institute; Medair Limited
2020904789	Fonterra Co-Operative Group Limited; AgResearch Limited; Attwood, G.T.; Crouzet, L.; Bassett, S.A.; Dekker, J.W.; Hill, J.; Young, W.	2020904855	Bugnet, A.
2020904790	Stuart, J.	2020904856	Camm, A.P.
2020904791	The University of Sydney	2020904857	Ellemor, S.
2020904792	AmPro Innovations Pty Ltd	2020904858	Stuart, K.
2020904793	Zircon Chambers Pty. Ltd.	2020904859	CIRCULR RESEARCH PTY LTD
2020904794	Commonwealth Scientific and Industrial Research Organisation	2020904860	Innovgas Pty Ltd
2020904795	Harris, J.G.; Harris, K.S.	2020904862	Meng, Y.H.
2020904796	Astral Property Pty Ltd	2020904863	Gretals Australia Pty Ltd
2020904797	TBS (Aust) Pty Ltd	2020904864	Meehan, A.
2020904798	PreveCetical Medical Inc.	2020904865	durack, m.
2020904799	Shannon, P.	2020904866	CUMMINS, I.; Bootooloo Holdings IBC Corp.
2020904800	The University of Sydney	2020904867	Roberts, A.K.G.
2020904801	Smart Grid Solutions Pty Ltd	2020904868	ResMed Pty Ltd
2020904802	Burke, N.; O'Neill, J.	2020904869	JAENSCH, A.T.
2020904803	Berkshire Renewable Energy Pty Ltd	2020904870	Feng, X.
2020904804	Ralli, R.	2020904872	SLAB TECHNOLOGIES PTY LTD
2020904805	Xero Limited	2020904873	Geng Pty Ltd
2020904806	Sun Star Group	2020904874	DrRest Pty Ltd
2020904808	EZ-LEADS PTY LTD	2020904875	Gearon, M.
2020904809	EZ-LEADS PTY LTD	2020904876	chavan, r.
2020904810	The University of Queensland	2020904877	chavan, r.
2020904811	Garvan Institute of Medical Research	2020904878	Naish, S.
2020904812	Clean Energy Resources Pty Ltd	2020904879	MacMillan, S.
2020904813	Garvan Institute of Medical Research	2021900000	Croft, B.
2020904814	Ward, J.; Reiter, G.	2021900001	Canning, J.
2020904815	Szekely, D.	2021900002	Canning, J.
2020904816	Botanix Pharmaceuticals Limited	2021900003	Wijaya, W.
2020904817	Breville Pty Limited	2021900004	Imrie, S.
2020904818	Genesis Airway Innovations Pty Ltd	2021900005	Fraser, M.
2020904819	Sands Innovations Ltd	2021900006	Tottenham, B.
2020904820	The University of Melbourne	2021900007	Dion Carroll Pty Ltd
2020904821	Savage, A.	2021900008	Henderson, D.
2020904822	AAC Building Products Pty Ltd	2021900009	VIPER Cell Technologies Pty Ltd
2020904823	The Macfarlane Burnet Institute for Medical Research and Public Health Ltd	2021900010	XEFCO PTY LTD
2020904824	Cullis-Hill, S.	2021900011	CWEK PTY LTD
2020904825	JERICO OFFROAD PTY LTD	2021900012	McKay Drilling Pty Ltd
2020904826	Anglo American Metallurgical Coal Pty Ltd	2021900013	Torres, A.; Filipaina, J.A.
2020904827	Thorburn, C.; Thorburn, R.	2021900014	JONATHAN E & HEATHER G PRYER
2020904828	Ward, L.D.	2021900015	Laurence, E.
2020904829	Spray Nozzle Engineering Pty Ltd	2021900016	Precision AI Pty Ltd
2020904830	WALKER, K.	2021900017	Ashes 2 Art
2020904831	Makuri Technology Pty Ltd	2021900018	Salera, D.
2020904832	Lendlease Digital IP Pty Limited	2021900019	Wang, H.C.
2020904833	Third Zeton Pty Ltd	2021900020	Strati, R.
2020904834	Agamalis, P.	2021900021	Coolcharge Pty Ltd
2020904835	InterK Peptide Therapeutics Limited	2021900022	Clean Powr Pty Ltd
2020904836	Vlepis Solutions Pty Ltd	2021900023	Five Eyes Consulting Pty Ltd
2020904837	Alonso, M.	2021900024	Wilkins, D.
2020904838	Ritchie, B.	2021900025	Reay, M.
2020904839	Incitec Pivot Limited	2021900027	Morrison Oriental Pty Ltd
2020904840	Cenofex Innovations Pty Ltd	2021900028	Skutopia Pty Ltd
2020904841	Commonwealth Scientific and Industrial Research Organisation	2021900029	Thoms, G.; Green, K.
		2021900031	Mcnally, A.
		2021900032	Morony, C.
		2021900034	Hutchison, R.
		2021900035	Jones, N.
		2021900036	Ruby Industries Pty Limited
		2021900039	Town & Country Building Pty Ltd

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2021900040 Ben Brogan Pty Ltd
2021900043 Hayllar, M.; Hayllar, M.

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 5 Jan 2021 .

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

(71) 57 Trading Pty Ltd (21) 2020294185 (22) 22.12.2020 (54) A Shot Separation and Recovery Device (31) 2020900511 (32) 22.02.20 (33) AU	(71) Amazon Technologies, Inc. (21) 2020289775 (22) 16.12.2020 (54) System for managing and scheduling containers (62) 2019204805	(71) AR Developing, LLC (21) 2020289871 (22) 18.12.2020 (54) Mechanical fastener drive tool and system (31) 62/949,767 (32) 18.12.19 (33) US 62/972,946 11.02.20 US 17/112,270 04.12.20 US
(71) Accenture Global Solutions Limited (21) 2020289715 (22) 14.12.2020 (54) INTELLIGENT CASE MANAGEMENT PLATFORM (62) 2019210617	(71) American International Industries (21) 2020294153 (22) 21.12.2020 (54) Glue-free adhesive eyelashes (31) 62/951,238 (32) 20.12.19 (33) US 17/110,982 03.12.20 US	(71) Attabotics Inc. (21) 2020289823 (22) 17.12.2020 (54) STORAGE AND RETRIEVAL SYSTEM (62) 2016253994
(71) Accenture Global Solutions Limited (21) 2020294158 (22) 21.12.2020 (54) REPORT GENERATION (62) 2019219754	(71) Amgen Inc. (21) 2020294155 (22) 21.12.2020 (54) Methods For Harvesting Mammalian Cell Cultures (62) 2019203538	(71) Becton, Dickinson and Company (21) 2020289799 (22) 17.12.2020 (54) Syringe with disinfecting tip feature (62) 2019204270
(71) Adobe Inc. (21) 2020289806 (22) 17.12.2020 (54) Controlling A Neural Network Through Intermediate Latent Spaces (31) 16/798,263 (32) 21.02.20 (33) US	(71) Apple Inc. (21) 2020289822 (22) 17.12.2020 (54) User interface for payments (62) 2020200685	(71) Beijing Baidu Netcom Science and Technology Co., Ltd. (21) 2020289854 (22) 18.12.2020 (54) Quantum circuit simulation method and device, apparatus, and storage medium (31) 202010580060.0 (32) 23.06.20 (33) CN
(71) Agriculture Victoria Services Pty Ltd (21) 2020289812 (22) 17.12.2020 (54) Endophytes and related methods (4) (62) 2018201440	(71) Apple Inc. (21) 2020289876 (22) 18.12.2020 (54) Tactile feedback for user interfaces (62) 2018271107	(71) Beijing Tusen Zhitu Technology Co.,Ltd. (21) 2020289820 (22) 17.12.2020 (54) Vehicle control method, vehicle-mounted device and vehicle in automatic driving fleet (31) 201911347449.4 (32) 24.12.19 (33) CN
(71) Aldaree Cattle Co (21) 2020289884 (22) 21.12.2020 (54) Fly Gone by Aldaree Cattle Co is a product made of 1 meter 150mm pipe with a 150mm cap a one end and the other end is attached with 150mm spigot to down size to a 100mm pvc bend to makes a spout to fill with your choice of back rub oil. 100mm Screw on top to seal the unit. Underneath is 9 Cable glands 35mm that hold 20mm polyester braided rope which works as a wick to allow the oil to flow down where the livestock walk through the rope and the oil is then dispensed onto the animals by means of livestock rubbing against the rope allowing the oil to come in contact with the animals body.	(71) Apple Inc. (21) 2020294208 (22) 22.12.2020 (54) Avatar creation and editing (62) 2020213402	(71) BGC Partners, Inc (21) 2020294179 (22) 22.12.2020 (54) SYSTEM AND METHOD FOR MATCHING TRADING ORDERS BASED ON PRIORITY (62) 2019271874
(71) Amarin Pharmaceuticals Ireland Limited (21) 2020294210 (22) 22.12.2020 (54) Methods of reducing the risk of a cardiovascular event in a subject on statin therapy (62) 2018204499	(71) APPLE INC. (21) 2020294187 (22) 22.12.2020 (54) Low-latency intelligent automated assistant (62) 2018266284	(71) BIGLEY, C.; SMITH, M.; REARDON, N. (21) 2020294255 (22) 23.12.2020 (54) POROUS PAVERS (31) 760546 (32) 24.12.19 (33) NZ
(71) AR Developing, LLC (21) 2020289870 (22) 18.12.2020 (54) HVAC duct connection system and flange (31) 62/949,753 (32) 18.12.19 (33) US 62/972,951 11.02.20 US 17/112,109 04.12.20 US	(71) ARB Corporation Ltd (21) 2020289855 (22) 18.12.2020 (54) Air compressors for use with a vehicle (31) 2019904856 (32) 20.12.19 (33) AU	(71) Boston Scientific Neuromodulation Corporation (21) 2020294170 (22) 21.12.2020 (54) External charger for an implantable medical device having a thermal diffuser (62) 2018275420

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(71) Breville Pty Limited
 (21) 2020294225 (22) 23.12.2020
 (54) Apparatus and method for an improved coffee maker
 (62) 2018232987

(71) Canva Pty Ltd
 (21) 2020289873 (22) 18.12.2020
 (54) User interfaces for selecting media items

(71) Canva Pty Ltd
 (21) 2020294177 (22) 22.12.2020
 (54) Automatic print bleed correction systems and methods

(71) Cardioguidance Biomedical, LLC
 (21) 2020289888 (22) 21.12.2020
 (54) Guidewire navigation system with direct visualization feature
 (62) 2016297643

(71) Carel Industries S.p.A.
 (21) 2020294223 (22) 23.12.2020
 (54) Method for operating an electronic controller
 (31) 201911343561.0 (32) 24.12.19 (33) CN

Carnegie Mellon University see University of Pittsburgh - Of the Commonwealth System of Higher Education
 (21) 2020294197

(71) Cartiheal (2009) Ltd
 (21) 2020289800 (22) 17.12.2020
 (54) Optimized solid substrates, tools for use with same and uses thereof for promoting cell and tissue growth
 (62) 2016259201

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
 (21) 2020294260 (22) 23.12.2020
 (54) SYSTEM AND METHOD TO AUTOMATICALLY POSITION A MACHINE IN A SHIPPING CONFIGURATION
 (31) 202011002017 (32) 16.01.20 (33) IN

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
 (21) 2020294261 (22) 23.12.2020
 (54) SYSTEM AND METHOD TO AUTOMATICALLY POSITION A MACHINE IN AN OPERATING CONFIGURATION
 (31) 202011002030 (32) 16.01.20 (33) IN

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
 (21) 2020294263 (22) 23.12.2020

(54) SYSTEMS AND METHODS FOR DRILL HEAD POSITION DETERMINATION
 (31) 16/746,422 (32) 17.01.20 (33) US

(71) CBG Systems International Pty Ltd
 (21) 2020289767 (22) 16.12.2020
 (54) A thermal and/or fire resistant panel, a mounting assembly, and a kit
 (62) 2019273116

Cedars-Sinai Medical Center see Emulate, Inc.
 (21) 2020289787

(71) Chan, K.F.
 (21) 2020289753 (22) 15.12.2020
 (54) Frameworks and methods for processing digital data
 (62) 2017304894

(71) Cleaven, A.
 (21) 2020289797 (22) 16.12.2020
 (54) Barrier apparatus
 (62) 2018250450

(71) CMI Solutions Pty Ltd
 (21) 2020289791 (22) 16.12.2020
 (54) AUTOMATED SIDE MIRROR
 (31) 2019904742 (32) 16.12.19 (33) AU

(71) CODEXIS, INC.
 (21) 2020289865 (22) 18.12.2020
 (54) ENGINEERED GLYCOSYLTRANSFERASES AND STEVIOL GLYCOSIDE GLUCOSYLATION METHODS
 (62) 2018215335

(71) CODEXIS, INC.
 (21) 2020289868 (22) 18.12.2020
 (54) ENGINEERED GLYCOSYLTRANSFERASES AND STEVIOL GLYCOSIDE GLUCOSYLATION METHODS
 (62) 2018215335

(71) Cold Spring Harbor Laboratory
 (21) 2020294243 (22) 23.12.2020
 (54) Novel structurally designed ShRNAs
 (62) 2018220005

(71) Colgate-Palmolive Company
 (21) 2020294204 (22) 22.12.2020
 (54) Oral care implement
 (62) 2018292250

(71) Commonwealth Scientific and Industrial Research Organisation
 (21) 2020289837 (22) 17.12.2020
 (54) Rapid ore analysis to enable bulk sorting using gamma-activation analysis
 (31) 2019904774 (32) 17.12.19 (33) AU

(71) Coulter Ventures LLC
 (21) 2020289811 (22) 17.12.2020
 (54) Exercise bike
 (62) 2018421450

(71) Covidien LP
 (21) 2020294161 (22) 21.12.2020
 (54) System and method for linking a segmentation graph to volumetric data
 (31) 62/965,288 (32) 24.01.20 (33) US
 17/108,843 01.12.20 US

(71) Covidien LP
 (21) 2020294163 (22) 21.12.2020
 (54) Orientation detection in fluoroscopic images
 (31) 62/965,668 (32) 24.01.20 (33) US
 17/096,815 12.11.20 US

(71) CRC-Evans Pipeline International, Inc.
 (21) 2020289852 (22) 18.12.2020
 (54) Pipeline sprayer apparatus
 (31) 16/722,227 (32) 20.12.19 (33) US

(71) Critical Care Diagnostics, Inc.
 (21) 2020289777 (22) 16.12.2020
 (54) Soluble human ST-2 antibodies and assays
 (62) 2019200747

Cropper, P. see Cropper, S.
 (21) 2020294231

(71) Cropper, S.; Cropper, P.
 (21) 2020294231 (22) 23.12.2020
 (54) METHOD AND APPARATUS FOR FINISHING WALLS
 (31) 2019904944 (32) 24.12.19 (33) AU

(71) CSR Building Products Limited
 (21) 2020294227 (22) 23.12.2020
 (54) Improved Jointing System
 (62) 2015255227

(71) Daikin Industries, Ltd.
 (21) 2020289869 (22) 18.12.2020
 (54) Equipment installation support system
 (62) 2018246502

(71) Dana-Farber Cancer Institute, Inc.
 (21) 2020294169 (22) 21.12.2020
 (54) ACETAMIDE THIENOTRIAZOLO-DIAZEPINES AND USES THEREOF
 (62) 2016319785

(71) Decomotion Limited
 (21) 2020289856 (22) 18.12.2020
 (54) Sectional Door Stop Device

Complete Applications Filed - Name Index cont'd

(71) DHARMATILLEKE, M.
 (21) 2020294267 (22) 23.12.2020
 (54) MULTI PURPOSE MOBILE DEVICE CASE/COVER INTEGRATED WITH A CAMERA SYSTEM AND NON ELECTRICAL 3D/MULTIPLE VIDEO AND STILL FRAME VIEWER FOR 3D AND/OR 2D HIGH QUALITY VIDEOGRAPHY, PHOTOGRAPHY AND SELFIE RECORDING
 (62) 2016260765

(71) Echowell Electronic Co., Ltd.
 (21) 2020294152 (22) 21.12.2020
 (54) Vacuum tube amplification system capable of reducing residual noise and a grounding method thereof
 (31) 16/892,403 (32) 04.06.20 (33) US

(71) Eco-Burner Products Ltd.
 (21) 2020289878 (22) 18.12.2020
 (54) IMPROVEMENTS IN FUEL TRANSFER ADAPTERS
 (62) 2015356748

(71) Emulate, Inc.; Cedars-Sinai Medical Center
 (21) 2020289787 (22) 16.12.2020
 (54) Systems and methods for growth of intestinal cells in microfluidic devices
 (62) 2017214468

(71) Extrude To Fill, Inc.
 (21) 2020289861 (22) 18.12.2020
 (54) Injection molding system and method of fabricating a component
 (62) 2015357574

(71) FA FM Pty Ltd
 (21) 2020289813 (22) 17.12.2020
 (54) A LOUVRE BLADE MOUNTING ASSEMBLY
 (31) 2019904846 (32) 20.12.19 (33) AU

(71) Fisher & Paykel Healthcare Limited
 (21) 2020294191 (22) 22.12.2020
 (54) Patient interface
 (62) 2016241227

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2020289860 (22) 18.12.2020
 (54) FLOW PATH FAULT DETECTION METHOD FOR A RESPIRATORY ASSISTANCE APPARATUS
 (62) 2018241055

(71) FlipTix, Inc.
 (21) 2020289825 (22) 17.12.2020

(54) System and method for resale of a right to occupy a vacated seat
 (62) PCT/US2018/033115, PCT/US2018/033118, PCT/US2018/033127, PCT/US2018/033130

(71) FMC CORPORATION
 (21) 2020294266 (22) 23.12.2020
 (54) SUBSTITUTED CYCLIC AMIDES AS HERBICIDES
 (62) 2016270304

(71) Fresenius Kabi Ipsum S.r.l.
 (21) 2020294230 (22) 23.12.2020
 (54) An improved process for the preparation of sugammadex and its intermediates
 (62) 2016359420

(71) Genzyme Corporation
 (21) 2020294173 (22) 21.12.2020
 (54) Recombinant glycoproteins and uses thereof
 (62) 2014340152

(71) Genzyme Corporation
 (21) 2020294201 (22) 22.12.2020
 (54) Site-specific glycoengineering of targeting moieties
 (62) 2015231307

(71) GE Video Compression, LLC
 (21) 2020289848 (22) 18.12.2020
 (54) Video data stream concept
 (62) 2018236689

Gilead Sciences, Inc. see Pulmokine, Inc.
 (21) 2020289802

(71) GI Scientific, LLC
 (21) 2020289889 (22) 21.12.2020
 (54) Endoscope accessory with angularly adjustable exit portal
 (62) 2016297077

(71) Gort-Barten, A.
 (21) 2020289776 (22) 16.12.2020
 (54) KETTLE
 (62) 2015200593

(71) Graco Minnesota Inc.
 (21) 2020289815 (22) 17.12.2020
 (54) Spray gun for spraying paints and other coatings
 (31) 62/955,894 (32) 31.12.19 (33) US
 17/119,179 11.12.20 US

(71) Guangdong Breath Walker Health Technology Co., Ltd.
 (21) 2020294202 (22) 22.12.2020

(54) Inflatable Massage Shoes
 (31) 202010350193.9 (32) 28.04.20 (33) CN

(71) Guangdong Breath Walker Health Technology Co., Ltd.
 (21) 2020294203 (22) 22.12.2020
 (54) Magnetic Acupoint Massage Insole for Conditioning Chronic Diseases
 (31) 202021522878.9 (32) 28.04.20 (33) CN

(71) Gyrus ACMI, Inc. D/B/A Olympus Surgical Technologies America
 (21) 2020289887 (22) 21.12.2020
 (54) PERCUTANEOUSLY ADMINISTERED THERAPEUTIC SUBSTANCE FOR TREATMENT OF TARGET TISSUE
 (31) 62/951,461 (32) 20.12.19 (33) US

(71) Hanwha Azdel, Inc.
 (21) 2020294175 (22) 22.12.2020
 (54) UNDERBODY SHIELD COMPOSITION AND ARTICLES THAT PROVIDE ENHANCED PEEL STRENGTH AND METHODS OF USING THEM
 (62) 2016261637

(71) Horizon Global Americas Inc.
 (21) 2020289804 (22) 17.12.2020
 (54) Roof rack crossbar assembly
 (62) 2016275156

(71) Horizon Orphan LLC
 (21) 2020289858 (22) 18.12.2020
 (54) Fucosidase Inhibitors
 (62) 2016298324

(71) Huawei Technologies Co., Ltd.
 (21) 2020289786 (22) 16.12.2020
 (54) Target cell access method and device
 (62) 2018213630

(71) Hwang, Y.
 (21) 2020294180 (22) 22.12.2020
 (54) Cap and method for forming the same

(71) ID8 STUDIO PTY LTD
 (21) 2020294181 (22) 22.12.2020
 (54) HANDLE FOR ATTACHMENT TO BIN LID

(71) IKONOMOU, K.
 (21) 2020289801 (22) 17.12.2020
 (54) PATCH PANEL ARRANGMENTS, CABLE TERMINATING DEVICES & METHODS
 (62) 2019200197

(71) Incept, LLC
 (21) 2020294200 (22) 22.12.2020
 (54) Drug delivery from hydrogels
 (62) 2016261925

Complete Applications Filed - Name Index cont'd

<p>(71) Inner Mongolia Mengniu Dairy (Group) Co., Ltd. (21) 2020294253 (22) 23.12.2020 (54) Nutritional Composition For Promoting Intestinal Health (31) 201911377872.9 (32) 27.12.19 (33) CN</p>	<p>EXTRAVASATION IN ANIMALIA TISSUE (62) 2017245351</p>	<p>(71) Komatsu Ltd. (21) 2020289864 (22) 18.12.2020 (54) Work vehicle, server device, load weight management system, and load weight management method (62) 2017388707</p>
<p>(71) Intel Corporation (21) 2020294199 (22) 22.12.2020 (54) Apparatus and method for performing box queries in ray traversal hardware (31) 16/819,120 (32) 15.03.20 (33) US</p>	<p>(71) Jaska Projects and Maintenance Pty Ltd (21) 2020294184 (22) 22.12.2020 (54) Core lifting apparatus</p>	<p>(71) Kotobuki Tsushou Co., Ltd. (21) 2020289766 (22) 16.12.2020 (54) Water discharge head equipped with water purification function, water purification cartridge, and water faucet device (62) 2018400861</p>
<p>(71) Intel Corporation (21) 2020294205 (22) 22.12.2020 (54) Apparatus and method for a closed-loop dynamic resource allocation control framework (31) 16/914,305 (32) 27.06.20 (33) US</p>	<p>(71) Jinko Green Energy (Shanghai) Management Co., LTD.; ZHEJIANG JINKO SOLAR CO., LTD. (21) 2020289882 (22) 20.12.2020 (54) BACK-CONTACT SOLAR CELL AND SOLAR CELL MODULE INCLUDING SAME (31) 202011307889.X (32) 19.11.20 (33) CN</p>	<p>(71) Kymbab Limited (21) 2020294246 (22) 23.12.2020 (54) Antibodies, uses & methods (62) 2015225926</p>
<p>(71) Intel Corporation (21) 2020294206 (22) 22.12.2020 (54) Apparatus and method to efficiently manage and process shadow stacks (31) 16/833,599 (32) 28.03.20 (33) US</p>	<p>(71) Jinko Green Energy (Shanghai) Management Co., LTD.; ZHEJIANG JINKO SOLAR CO., LTD. (21) 2020294222 (22) 23.12.2020 (54) Solar cell and method for producing the same (31) CN (32) 19.11.20 (33) CN 202011307502.0</p>	<p>(71) Kymbab Limited (21) 2020294247 (22) 23.12.2020 (54) Antibodies, uses & methods (62) 2015225926</p>
<p>(71) Intel IP Corporation (21) 2020294195 (22) 22.12.2020 (54) Apparatus and method for displaced mesh compression (31) 16/819,118 (32) 15.03.20 (33) US</p>	<p>(71) JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD (21) 2020289881 (22) 18.12.2020 (54) SINGLE CRYSTAL FURNACE (31) 202011384456.4 (32) 30.11.20 (33) CN</p>	<p>(71) Kyungdong Navien Co., Ltd. (21) 2020289867 (22) 18.12.2020 (54) HEAT EXCHANGER UNIT AND METHOD FOR MANUFACTURING THE SAME (31) 10-2019-0178390 (32) 30.12.19 (33) KR 10-2020-0083879 08.07.20 KR</p>
<p>(71) International Paper Company (21) 2020294168 (22) 21.12.2020 (54) CROSSLINKED PULPS, CELLULOSE ETHER PRODUCTS MADE THEREFROM; AND RELATED METHODS OF MAKING PULPS AND CELLULOSE ETHER PRODUCTS (62) 2019210574</p>	<p>(71) JJ Invention Company Pty Ltd (21) 2020289857 (22) 18.12.2020 (54) Improvements in or in relation to sill assemblies in doors windows or the like (31) 2019904849 (32) 20.12.19 (33) AU</p>	<p>(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude (21) 2020294257 (22) 23.12.2020 (54) GAS CONTAINER WITH DISPLAY OF THE FLOW AND OF THE CORRESPONDING AUTONOMY (31) 2000287 (32) 14.01.20 (33) FR</p>
<p>(71) Inventio AG (21) 2020294233 (22) 23.12.2020 (54) Assistance system for the delivery of mail consignments (62) 2017336221</p>	<p>(71) Johnson & Johnson Consumer Inc. (21) 2020294176 (22) 22.12.2020 (54) Vaginal ring sensor (62) 2016325354</p>	<p>(71) Lensar, Inc. (21) 2020289827 (22) 17.12.2020 (54) Laser methods and systems for the aligned insertion of devices into a structure of the eye (62) 2017322746</p>
<p>(71) Ishida Co., Ltd. (21) 2020289798 (22) 17.12.2020 (54) BAG-MAKING AND PACKAGING MACHINE (31) 2019-239637 (32) 27.12.19 (33) JP</p>	<p>(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI (21) 2020289792 (22) 16.12.2020 (54) Failure detector and failure detection method (31) 2020-000166 (32) 06.01.20 (33) JP</p>	<p>(71) LG Electronics Inc. (21) 2020289821 (22) 17.12.2020 (54) Cleaning apparatus (31) 10-2020-0006623 (32) 17.01.20 (33) KR</p>
<p>(71) ivWatch, LLC (21) 2020289845 (22) 17.12.2020 (54) SYSTEMS AND METHODS FOR MITIGATING THE EFFECTS OF TISSUE BLOOD VOLUME CHANGES TO AID IN DIAGNOSING INFILTRATION OR</p>	<p>(71) K Fresh Co., Ltd. (21) 2020294234 (22) 23.12.2020 (54) ASSEMBLY FOR ACCESSING COCONUT WATER IN COCONUT</p>	<p>(71) LG Electronics Inc. (21) 2020294262 (22) 23.12.2020 (54) Blade protection cover and lawn mower apparatus including the same (31) 10-2020-0039799 (32) 01.04.20 (33) KR</p>
<p>(71) Knauf Gips KG (21) 2020289880 (22) 18.12.2020 (54) A DEVICE FOR THE UNIFORM DISTRIBUTION OF SLURRIES (62) 2015391333</p>	<p>(71) LG ELECTRONICS INC. (21) 2020289847 (22) 18.12.2020</p>	<p>(71) LG ELECTRONICS INC. (21) 2020289847 (22) 18.12.2020</p>

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(54) FAN MOTOR
(31) 10-2020-0137694 (32) 22.10.20 (33) KR

(71) Linear Labs, Inc.
(21) 2020289810 (22) 17.12.2020
(54) A circumferential flux electric machine with field weakening mechanisms and methods of use
(62) 2016342255

(71) Logan Cove Pty Ltd
(21) 2020294249 (22) 23.12.2020
(54) Release Apparatus
(31) 2019904908 (32) 23.12.19 (33) AU

(71) LOON LLC
(21) 2020289788 (22) 16.12.2020
(54) Temporospatial software-defined networking for NGS0 satellite networks
(62) 2018258169

(71) Mahfouz, M.
(21) 2020289785 (22) 16.12.2020
(54) Bone reconstruction and orthopedic implants
(62) 2019202571

(71) Mahfouz, M.R.
(21) 2020294241 (22) 23.12.2020
(54) Bone reconstruction and orthopedic implants
(62) 2019257418

(71) Malta Inc.
(21) 2020294244 (22) 23.12.2020
(54) Modular thermal storage
(62) 2017386262

(71) MedImmune Limited
(21) 2020289850 (22) 18.12.2020
(54) ANTI-VEGF-A ANTIBODIES AND USES THEREOF
(62) 2017315076

(71) Mitsubishi Electric Corporation
(21) 2020289818 (22) 17.12.2020
(54) Propeller fan, air-sending device, and refrigeration cycle device
(62) 2017427466

(71) Mitsubishi Electric Corporation
(21) 2020294172 (22) 21.12.2020
(54) Ice maker
(62) 2017409899

(71) Molecular Templates, Inc.
(21) 2020294212 (22) 22.12.2020
(54) De-immunized Shiga toxin A subunit effector polypeptides for applications in mammals
(62) 2019204364

(71) MORAN, O.A.
(21) 2020289771 (22) 16.12.2020
(54) A CONTAINER GRIPPING AID
(62) 2016260820

(71) Motor City Wash Works, Inc.
(21) 2020289789 (22) 16.12.2020
(54) Dolly assembly for a conveyor system
(31) 16/722891 (32) 20.12.19 (33) US

(71) MT Innovations Pty Ltd.
(21) 2020289773 (22) 16.12.2020
(54) Device for drying and polishing items such as glasses and cutlery
(31) 17/097,980 (32) 13.11.20 (33) US

(71) Murray and Poole Enterprises Limited
(21) 2020294268 (22) 23.12.2020
(54) Sustained-release formulations of colchicine and methods of using same
(62) 2019201048

(71) Musculoskeletal Transplant Foundation; The Methodist Hospital
(21) 2020289883 (22) 20.12.2020
(54) SOFT TISSUE REPAIR GRAFTS AND PROCESSES FOR PREPARING AND USING SAME
(62) 2019204393

(71) National University of Ireland, Galway
(21) 2020289809 (22) 17.12.2020
(54) Non-invasive detection of the backflow of urine
(62) 2016257018

(71) Nell International Marketing Limited
(21) 2020294166 (22) 21.12.2020
(54) CONNECTION APPARATUS
(62) 2019201143

(71) Neolight LLC
(21) 2020289817 (22) 17.12.2020
(54) PHOTOTHERAPY APPARATUSES AND METHODS
(62) 2017258399

(71) Nexans
(21) 2020294156 (22) 21.12.2020
(54) QUICK-RELEASE JOHNSTON COUPLING
(31) 19306774.1 (32) 26.12.19 (33) EP

(71) Nicoventures Trading Limited
(21) 2020294182 (22) 22.12.2020
(54) Temperature determination
(62) 2018241907

(71) Northrop Grumman Systems Corporation
(21) 2020294174 (22) 21.12.2020
(54) Multiple ground plane thermal sink
(62) 2018332720

(71) NUCTECH COMPANY LIMITED; Tsinghua University
(21) 2020289784 (22) 16.12.2020
(54) TRAY DISINFECTION DEVICE
(31) 202010341340.6 (32) 26.04.20 (33) CN

(71) Obshestvo S Ogranichennoi Otvetstvennost'u "Biomicrogeli"
(21) 2020294254 (22) 23.12.2020
(54) Use of polysaccharide microgels in detergents
(62) 2017408169

(71) OilQuick Deutschland KG
(21) 2020289843 (22) 17.12.2020
(54) CHANGE SYSTEM FOR LOADING CRANES
(31) 10 2020 100 519.9 (32) 13.01.20 (33) DE

(71) Oticon Medical A/S
(21) 2020289830 (22) 17.12.2020
(54) Improved ECAP Recording Method and Cochlear Implant System
(31) 16/721,635 (32) 19.12.19 (33) US

(71) Oxford Nanopore Technologies Limited
(21) 2020294228 (22) 23.12.2020
(54) Apparatus and methods for controlling insertion of a membrane channel into a membrane
(62) 2017365928

(71) Pall Corporation
(21) 2020294183 (22) 22.12.2020
(54) Mixer base assembly for mixing vessels and method of use
(31) 16/724,539 (32) 23.12.19 (33) US

Patel, N. see Shyamkant, S.
(21) 2020289769

(71) Patuga LLC
(21) 2020294256 (22) 23.12.2020
(54) Neckwear for displaying coins, medals or bars
(62) 2018291370

(71) Pedra Technology PTE LTD
(21) 2020289834 (22) 17.12.2020
(54) DEEP TISSUE FLOWMETRY USING DIFFUSE SPECKLE CONTRAST ANALYSIS
(62) 2018260946

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- (71) Poole, A.
(21) 2020289844 (22) 17.12.2020
(54) Waste Not!
(31) 2019904788 (32) 18.12.19 (33) AU
-
- (71) Portola Pharmaceuticals, Inc.
(21) 2020289768 (22) 16.12.2020
(54) Lyophilized formulations for factor Xa
antidote
(62) 2015305413
-
- (71) Precision BioSciences, Inc.
(21) 2020294264 (22) 23.12.2020
(54) Treatment of retinitis pigmentosa using
engineered meganucleases
(62) 2016321244
-
- (71) President and Fellows of Harvard Col-
lege
(21) 2020289721 (22) 14.12.2020
(54) SC-B cells and compositions and meth-
ods for generating the same
(62) 2014278178
-
- (71) Pulmokine, Inc.; Gilead Sciences, Inc.
(21) 2020289802 (22) 17.12.2020
(54) NON-SELECTIVE KINASE INHIBIT-
ORS
(62) 2018201406
-
- (71) Qualcomm Incorporated
(21) 2020294265 (22) 23.12.2020
(54) VALIDATING AUTHORIZATION FOR
USE OF A SET OF FEATURES OF A
DEVICE
(62) 2016307326
-
- (71) Quidient, LLC
(21) 2020289841 (22) 17.12.2020
(54) Quotidian scene reconstruction engine
(62) 2017250112
-
- (71) Raccords et Plastiques Nicoll
(21) 2020289803 (22) 17.12.2020
(54) 3D PRINT HEAD, A 3D PRINTER AND
A 3D PRINTING PROCESS FOR 3D
PRINTING PVC
(31) 19/15227 (32) 20.12.19 (33) FR
-
- REARDON, N. see BIGLEY, C.**
(21) 2020294255
-
- (71) Recurium IP Holdings, LLC
(21) 2020294196 (22) 22.12.2020
(54) Estrogen receptor modulators
(62) 2017242027
-
- (71) Regeneron Pharmaceuticals, Inc.
(21) 2020289846 (22) 18.12.2020
-
- (71) Restricted immunoglobulin heavy chain
mice
(62) 2018203811
-
- (71) REG Life Sciences, LLC
(21) 2020294235 (22) 23.12.2020
(54) Methods of producing omega-hy-
droxylated fatty acid derivatives
(62) 2014277874
-
- (71) Research Institute of Industrial Science
& Technology
(21) 2020289886 (22) 21.12.2020
(54) Method of extracting lithium from lithi-
um-containing solution
(31) 10-2019-0172463 (32) 20.12.19 (33) KR
-
- (71) RFID Technologies Pty Ltd
(21) 2020294211 (22) 22.12.2020
(54) RFID tag and reader
(62) 2016247572
-
- (71) Rhino Rack Australia Pty Limited
(21) 2020289859 (22) 18.12.2020
(54) Channel Fastener
(31) 2019904792 (32) 18.12.19 (33) AU
-
- (71) Samsung Electronics Co., Ltd.
(21) 2020294302 (22) 24.12.2020
(54) TRANSMITTING APPARATUS AND
RECEIVING APPARATUS AND CON-
TROLLING METHOD THEREOF
(62) 2020201300
-
- (71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2020294188 (22) 22.12.2020
(54) Antenna module and electronic device
using the same
(31) 10-2019-0175616 (32) 26.12.19 (33) KR
-
- (71) SCF Group Pty Ltd
(21) 2020289877 (22) 18.12.2020
(54) INTEGRATED TANK VALVE CON-
TROL
(31) 2019904874 (32) 20.12.19 (33) AU
-
- (71) Schlumberger Technology B.V.
(21) 2020294232 (22) 23.12.2020
(54) Compression and stretch resistant com-
ponents and cables for oilfield applica-
tions
(31) 16/724,432 (32) 23.12.19 (33) US
-
- (71) Scholar Rock, Inc.
(21) 2020294193 (22) 22.12.2020
(54) Anti-pro/latent-Myostatin antibodies and
uses thereof
(62) 2015342936
-
- (71) Seirin Corporation
(21) 2020289872 (22) 18.12.2020
-
- (54) Acupuncture needle
(31) 202096730 (32) 03.06.20 (33) JP
-
- (71) Senko Advanced Components, Inc.
(21) 2020294250 (22) 23.12.2020
(54) Narrow width adapters and connectors
with modular latching arm
(62) 2017378041
-
- (71) Senko Advanced Components, Inc.
(21) 2020294252 (22) 23.12.2020
(54) Narrow width adapters and connectors
with modular latching arm
(62) 2017378041
-
- (71) SentreHEART, Inc.
(21) 2020289839 (22) 17.12.2020
(54) Tissue ligation devices and tensioning
devices therefor
(62) 2019202655
-
- (71) SHANGHAI HONGYAN RETURNABLE
TRANSIT PACKAGINGS CO., LTD.
(21) 2020294240 (22) 23.12.2020
(54) Valve
(62) 2019203940
-
- (71) Shyamkant, S.; Patel, N.
(21) 2020289769 (22) 16.12.2020
(54) Cartridge used in liquid spraying gun for
the use of disinfecting and coating sur-
faces
-
- SMITH, M. see BIGLEY, C.**
(21) 2020294255
-
- (71) SNIPR Technologies Limited
(21) 2020294171 (22) 21.12.2020
(54) Selectively altering microbiota for im-
mune modulation
(62) 2020257117
-
- (71) Sony Corporation
(21) 2020289874 (22) 18.12.2020
(54) Information processing apparatus and
information processing method
(62) 2015285344
-
- (71) Sorrento Therapeutics, Inc.
(21) 2020294159 (22) 21.12.2020
(54) Antibody therapeutics that bind CD47
(62) 2016225993
-
- (71) SPEX Engineering (UK) Limited
(21) 2020289829 (22) 17.12.2020
(54) A tool for severing or assisting in the
severing of a conduit
(62) 2016227492
-

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(71) Striker Corporation
 (21) 2020294209 (22) 22.12.2020
 (54) Leg assembly for height adjustable patient support
 (62) 2015339309

(71) Superior Pak Holdings Pty Ltd
 (21) 2020289875 (22) 18.12.2020
 (54) DETECTION SYSTEM FOR FRONT OF A VEHICLE
 (62) 2019200978

(71) Surfacide, LLC
 (21) 2020294165 (22) 21.12.2020
 (54) HARD SURFACE DISINFECTION SYSTEM AND METHOD
 (62) 2018236761

(71) Taiwan Fu Hsing Industrial Co., Ltd.
 (21) 2020294151 (22) 21.12.2020
 (54) Lock
 (31) 109211166 (32) 27.08.20 (33) TW

(71) Takeda Vaccines, Inc.
 (21) 2020294216 (22) 22.12.2020
 (54) Methods of detection and removal of rhabdoviruses from cell lines
 (62) 2014329403

(71) TechMah Medical LLC
 (21) 2020289778 (22) 16.12.2020
 (54) Methods and devices for knee surgery with inertial sensors
 (62) 2019290171

(71) The Boeing Company
 (21) 2020294162 (22) 21.12.2020
 (54) Lightning damage resistant one sided installation
 (31) 16/741,363 (32) 13.01.20 (33) US

(71) The Boeing Company
 (21) 2020294164 (22) 21.12.2020
 (54) Composite structural panels and methods of forming thereof
 (31) 16/732,965 (32) 02.01.20 (33) US

The Methodist Hospital see Musculoskeletal Transplant Foundation
 (21) 2020289883

(71) The Nielsen Company (US), LLC
 (21) 2020289863 (22) 18.12.2020
 (54) Flagging advertisement frames for automatic content recognition
 (62) 2018331308

(71) The Raymond Corporation
 (21) 2020289833 (22) 17.12.2020

(54) SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE WITH AN ARTICULATING AXLE
 (31) 62/952,795 (32) 23.12.19 (33) US

(71) The Raymond Corporation
 (21) 2020294189 (22) 22.12.2020
 (54) HITCH FOR A MATERIAL HANDLING VEHICLE
 (31) 62/952,868 (32) 23.12.19 (33) US

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
 (21) 2020294224 (22) 23.12.2020
 (54) Photo-controlled removal of targets in vitro and in vivo
 (62) 2015300915

(71) Tompkins International
 (21) 2020289826 (22) 17.12.2020
 (54) ARTICLE SORTING SYSTEM AND METHOD
 (31) 63/055,515 (32) 23.07.20 (33) US

(71) Tonix Pharma Holdings Limited
 (21) 2020289838 (22) 17.12.2020
 (54) Eutectic formulations of Cyclobenzaprine hydrochloride
 (62) 2015317336

(71) Transportation IP Holdings, LLC
 (21) 2020289780 (22) 16.12.2020
 (54) CONTROL SYSTEM AND METHOD FOR A VEHICLE SYSTEM
 (31) 16/727,253 (32) 26.12.19 (33) US

(71) Transportation IP Holdings, LLC
 (21) 2020289849 (22) 18.12.2020
 (54) VEHICLE CONTROL SYSTEM
 (31) 16/727,220 (32) 26.12.19 (33) US

(71) Transportation IP Holdings, LLC
 (21) 2020294237 (22) 23.12.2020
 (54) BRAKE CONTROL SYSTEM
 (31) 16/779,012 (32) 31.01.20 (33) US

Tsinghua University see NUCTECH COMPANY LIMITED
 (21) 2020289784

(71) University of Iowa Research Foundation
 (21) 2020289851 (22) 18.12.2020
 (54) AAV-MEDIATED EXPRESSION USING A SYNTHETIC PROMOTER AND ENHANCER
 (62) 2017229347

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University
 (21) 2020294197 (22) 22.12.2020
 (54) MICRONEEDLE ARRAYS FOR CANCER THERAPY APPLICATIONS
 (62) 2015342805

(71) Vaki Fiskeldiskerfi Hf.
 (21) 2020294194 (22) 22.12.2020
 (54) Concentration control of living organisms in fluid
 (62) 2015260737

(71) Vanderbilt University
 (21) 2020294245 (22) 23.12.2020
 (54) Binary compositions as disruptors of ORco-mediated odorant sensing
 (62) 2016238305

(71) Vermeer Manufacturing Company
 (21) 2020294198 (22) 22.12.2020
 (54) Shaker assemblies having positioning devices
 (62) 2019203063

(71) Veronika, K.
 (21) 2020289783 (22) 16.12.2020
 (54) Pet door apparatus
 (31) 2019904758 (32) 16.12.19 (33) AU

(71) View, Inc.
 (21) 2020294239 (22) 23.12.2020
 (54) Electrochromic devices
 (62) 2019229399

(71) Vorwerk & Co Interholding GmbH
 (21) 2020289866 (22) 18.12.2020
 (54) Method for Estimating a Time-Variable Measurement Variable of a System
 (62) 2017300721

(71) W. L. Gore & Associates, Inc.
 (21) 2020289807 (22) 17.12.2020
 (54) Fluoropolymer barrier materials for containers
 (62) 2019204022

(71) Weir Minerals Netherlands B.V.
 (21) 2020294221 (22) 23.12.2020
 (54) Hydraulic pump system for handling a slurry medium
 (62) 2016229643

(71) Westinghouse Air Brake Technologies Corporation
 (21) 2020289779 (22) 16.12.2020
 (54) COMMUNICATION SYSTEM
 (31) 16/719,095 (32) 18.12.19 (33) US

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(71) Westinghouse Air Brake Technologies Corporation
 (21) 2020289782 (22) 16.12.2020
 (54) VEHICLE CONTROL SYSTEM
 (31) 16/719,165 (32) 18.12.19 (33) US

(71) X Development LLC
 (21) 2020289790 (22) 16.12.2020
 (54) Drop-off location planning for delivery vehicle
 (62) 2017345067

(71) Xorail, LLC
 (21) 2020294236 (22) 23.12.2020
 (54) OBSTRUCTION DETECTION SYSTEM
 (31) 16/733,465 (32) 03.01.20 (33) US

(71) Zebra Technologies Corporation
 (21) 2020289885 (22) 21.12.2020
 (54) Method to synchronize a barcode decode with a video camera to improve accuracy of retail POS loss prevention
 (31) 16/736,632 (32) 07.01.20 (33) US

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 (21) 2020289881

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2020289715	Accenture Global Solutions Limited	2020289851	University of Iowa Research Foundation
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2020289792	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2020289878	Eco-Burner Products Ltd.
2020289797	Cleaven, A.	2020289880	Knauf Gips KG
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(21) 2020104395

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(71) -, A.; -, S.; -, P.
(21) 2020104395 (22) 30.12.2020
(54) SELF SANITIZING ATTENDANCE RECORDER WITH THERMAL SCREENING

„ S. see HumCen Co
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„ K. see HumCen Co
(21) 2020104212

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(21) 2020104212

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(21) 2020104301

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(21) 2020104194

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(21) 2020104209

(71) Acharya, B.; Pandharbale, P.B.; Pradhan, M.R.; Mohapatra, A.; Samal, S.; Jamader, A.R.; Das, P.
(21) 2020104345 (22) 24.12.2020
(54) INTERNET OF THINGS (IOT) SENSOR BASED SMART FAN

(71) ADLAI NORTYE BIOPHARMA CO LTD
(21) 2020104403 (22) 30.12.2020
(54) COMPOUND AND APPLICATION THEREOF IN SYNTHESIS OF PDL1 ANTAGONIST DRUG MOLECULES

(71) Aerologix Group Pty Ltd
(21) 2020104135 (22) 16.12.2020
(54) Method and System for Collection of Photographic Data
(62) 2017203165

Agarwal, K.M. see Panda, R.C.
(21) 2020104251

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(21) 2020104242

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(21) 2020104381

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(21) 2020104242

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(21) 2020104117

ANAND, M.J. see HUMCEN CO
(21) 2020104070

(71) Anhui Agricultural University
(21) 2020104216 (22) 22.12.2020
(54) PICKERING EMULSION BASED ON SUPERFINE TEA POWDER, SAUSAGE CONTAINING PICKERING EMULSION BASED ON SUPERFINE TEA POWDER AND PREPARATION METHOD AND USE
(31) 202010180776.1 (32) 16.03.20 (33) CN

(71) Anjanamma, C.; Lakshmi, A.V.; Rao, N.S.; Kovuri, K.; Narayana, C.V.L.; Shashank, P.; Kumar, M.R.; Prakash K, L.; Subhahan, D.A.; Mahesh Kumar, C.
(21) 2020104133 (22) 16.12.2020
(54) EXPECTED CONDITIONAL CLUSTERED REGRESSIVE DEEP MULTILAYER PRECEPTED NEURAL LEARNING FOR IOT BASED CELLULAR NETWORK TRAFFIC PREDICTION WITH BIG DATA

Anjum, F. see Subbarao, D.
(21) 2020104250

(71) Anova Lighting Co., Ltd.
(21) 2020104132 (22) 16.12.2020
(54) LED LIGHT FIXTURE FOR FACILITATING ADJUSTMENT OF LIGHTING COLOR, BRIGHTNESS AND REPLACEMENT OF COVER
(31) 202011224651.0 (32) 05.11.20 (33) CN

(71) Apple Inc.
(21) 2020104220 (22) 22.12.2020
(54) User interfaces for capturing and managing visual media
(62) 2020100720

(71) Apple Inc.
(21) 2020104267 (22) 23.12.2020
(54) Connected epitaxial optical sensing systems
(62) 2020100473

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(21) 2020104195

(71) Army Academy of Armored forces
(21) 2020103979 (22) 09.12.2020
(54) MULTI-SENSOR COOPERATIVE TARGET TRACKING SYSTEM

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(21) 2020104348

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(21) 2020104405

(71) ARYA, L.
(21) 2020104126 (22) 16.12.2020
(54) Waste Water Management System for Smart Cities through IoT based Technology

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(21) 2020104120

(71) Atrada Group Pty Ltd Trading as Trade-sales
(21) 2020104370 (22) 29.12.2020
(54) Transport Cage

(71) AYF GROUP PTY LTD
(21) 2020104210 (22) 21.12.2020
(54) The name of the app is J01. The product is a Flight booking, hotel booking, ride share, food delivery, digital wallet and donation. An all in one Super App Platform. Our MVP will be flight booking, hotel booking along with airport taxi service, then eventually we will turn in to a ride share giant too, along with food delivery. Our aim is to pack the platform with 100 plus services.
(31) UNKNOWN (32) 20.04.20 (33) AU AU
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(62) UNKNOWN

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(21) 2020104301

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(21) 2020104379

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(21) 2020104192

(71) Baby Spa Aus IP Holdings Pty Ltd
(21) 2020104201 (22) 21.12.2020
(54) A flotation collar

(71) Bair, R.; Buzick, B.
(21) 2020104128 (22) 16.12.2020
(54) Vertical Grill With External Drip Tray Module
(62) 2020200366

Bala, M. see Singh, P.
(21) 2020104297

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(21) 2020104399

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(21) 2020104365

(71) Beijing Beike Fangxing Environmental Protection Technology Co., Ltd.
(21) 2020104367 (22) 29.12.2020
(54) Cement Filling Material for Co-solidifying Arsenic and Preparation Method Thereof

(71) Beijing University of Technology
(21) 2020104327 (22) 24.12.2020
(54) Power Cycling Test Device for Multi-junction Temperature Difference Control of Automobile Grade IGBT

(71) Bergman, C.
(21) 2020104136 (22) 16.12.2020
(54) Wearable waterproof asthma device

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(71) Bhong, G.L.
(21) 2020104118 (22) 16.12.2020
(54) IMT-Providing Disability Insurance: INTELLIGENT METHOD FOR PROVIDING A DISABILITY INSURANCE CLAIM TRIAGE PLATFORM

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(21) 2020104399

(71) Borg, K.
(21) 2020104214 (22) 22.12.2020
(54) METHOD FOR CONSTRUCTING A LITHOPHANE LAMP OF VARIABLE SIZES AND MAINTAINING ILLUMINATION THROUGHOUT THE LAMP

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(21) 2020104405

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(21) 2020104207

(71) CAMUNO BIOTHERAPEUTICS PTY LTD; CAMUNO BIOTHERAPEUTICS PTY LTD
(21) 2020104207 (22) 21.12.2020
(54) A formulation to improve or enhance immunotherapy for cancers

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(21) 2020104195

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(21) 2020104352

(71) Chakrabarti, T.; Patil, M.B.; Karthik, P.M.D.; Raju, M.D.; Satpathy, B.; Chakrabarti, P.; Hati, A.S.; Das, A.; Chhawchharia, P.; Mandal(Vijayvergiya), R.; Mishra, R.; Ravi Kumar, N.
(21) 2020104352 (22) 27.12.2020
(54) FUTURE SUMMER TEMPERATURE AVERAGE PREDICTION FROM AIR TEMPERATURE RATE DATA

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(21) 2020104385

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(21) 2020104288

(71) Changchun University of Chinese Medicine
(21) 2020104149 (22) 17.12.2020
(54) GINSENG-ANTLER ENERGY PEPTIDE HAVING AN ANTI-AGING EFFECT, MICROCAPSULE, AND PREPARATION METHOD AND USE THEREOF
(31) 202010377666.4 (32) 07.05.20 (33) CN

(71) CHANGSHA UNIVERSITY OF SCIENCE AND TECHNOLOGY; Guangxi University
(21) 2020104338 (22) 24.12.2020
(54) Steel box girder reinforcement structure and reinforcement method thereof

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(21) 2020104352

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(21) 2020104365

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(21) 2020104124

(71) Chongqing Jiaotong University
(21) 2020104371 (22) 29.12.2020
(54) An Underwater Installation Method of Marine Rudder System

(71) Chongqing University
(21) 2020104208 (22) 21.12.2020
(54) NANO GRAPHITE FLUID FOR ENHANCING COAL BED GAS PURIFICATION

(71) Chongqing University of Science and Technology
(21) 2020104246 (22) 22.12.2020
(54) AUTOMATIC SAND CONVEYING SYSTEM AND METHOD FOR FRACTURING SAND

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(21) 2020104194

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(21) 2020104380

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(21) 2020104070

(71) CIRCULR RESEARCH PTY LTD
(21) 2020104293 (22) 23.12.2020
(54) VESSEL AND SYSTEM FOR REDUCING PLASTIC WASTE
(31) 2020900026 (32) 07.01.20 (33) AU
2020902222 30.06.20 AU

(71) College of Agronomy Liaocheng University; Dairy Cattle Research Center, Shandong Academy of Agricultural Sciences
(21) 2020104123 (22) 16.12.2020
(54) An SNP Molecular Marker for Screening and/or Detecting Bovine Cell Viability

(71) College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur; Gupta, T.
(21) 2020104280 (22) 23.12.2020
(54) METHOD OF PREPARATION OF PAVER BLOCK INCORPORATION OF RUBBER WASTE

(71) Coulter Ventures LLC
(21) 2020104145 (22) 17.12.2020
(54) Exercise bike
(62) 2018421450

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(71) Cropper, S.; Cropper, P.
(21) 2020104262 (22) 23.12.2020
(54) METHOD AND APPARATUS FOR FINISHING WALLS
(31) 2019904944 (32) 24.12.19 (33) AU

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(21) 2020104340

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(21) 2020104123

(71) Dalian Polytechnic University
(21) 2020104331 (22) 24.12.2020
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<p>Das, P. see Acharya, B. (21) 2020104345</p>	<p>E, R. see Sinha, D. (21) 2020104079</p>	<p>(71) Ganguli, S.; Kumar, M.; Chandra Pal, V.; Karelia, N.; Sohane, A.; Muthmainah, D.; Asrifan, A.; Joshi, R.; Gaur, A.; Gupta, R. (21) 2020104120 (22) 16.12.2020 (54) MODEL ORDER REDUCTION AND CONTROLLER DESIGN OF NON-MINIMUM PHASE HYDRO PLANTS</p>
<p>Das, A. see Chakrabarti, T. (21) 2020104352</p>	<p>(71) Evolve Skateboards Pty Ltd (21) 2020104268 (22) 23.12.2020 (54) ELECTRIC SKATEBOARDS</p>	<p>(71) Ganguli, S.; Sohane, A.; Gaur, A.; Karelia, N.; Chandra Pal, V.; Singh, G.; Gupta, R.; Kumar, M. (21) 2020104125 (22) 16.12.2020 (54) AN OPTIMIZED APPROACH TO ORDER DIMINUTION AND CONTROLLER SYNTHESIS OF INTERVAL SYSTEMS</p>
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<p>(71) Dawood, M. (21) 2020104143 (22) 17.12.2020 (54) A VIBRATION BASED HEARING AID DEVICE</p>	<p>(71) First Affiliated Hospital of Xinjiang Medical University (21) 2020104375 (22) 29.12.2020 (54) An albendazole nanoliposome freeze-dried powder and its preparation method</p>	<p>Gaur, A. see Ganguli, S. (21) 2020104117</p>
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<p>Devi, V. see M, L. (21) 2020104405</p>	<p>G, N. see K K, R. (21) 2020104301</p>	<p>Gaur, S. see Panda, R.C. (21) 2020104340</p>
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2020104118	Bhong, G.L.	2020104187	Shenzhen Thousandshores Technology Co., Ltd.
2020104119	Ganguli, S.; Chandra Pal, V.; Singh, M.; Gaur, A.; Joshi, R.; Karelia, N.; Singh, A.; Kumar, M.; Gupta, R.	2020104188	GU, M.
2020104120	Ganguli, S.; Kumar, M.; Chandra Pal, V.; Karelia, N.; Sohane, A.; Muthmainnah, D.; Asrifan, A.; Joshi, R.; Gaur, A.; Gupta, R.	2020104189	GRAPHIC ERA DEEMED TO BE UNIVERSITY
2020104121	Sichuan Agricultural University	2020104190	GRAPHIC ERA DEEMED TO BE UNIVERSITY
2020104122	Xidian University	2020104191	XUZHOU UNIVERSITY OF TECHNOLOGY
2020104123	College of Agronomy Liaocheng University; Dairy Cattle Research Center, Shandong Academy of Agricultural Sciences	2020104192	Prabhakar Kardile, D.; Krishnarao Shirsat, M.; Virbhadrappa Shete, R.; Chandrakant Bhagat, V.; Baburao Awate, P.; Vijaykumar Kilaje, S.; Sudam Adak, V.; Suresh Bodake, V.; Ramchandra Tangade, A.; Nandyal, S.
2020104124	P.S, V.; B., A.; Chiplunkar, N.; Takeshi, K.; Sajja, M.; Samantri, V.; V T, N.; Joshi, R.	2020104193	R. Pawar, S.; Babu Pittala, R.; Krishna, P.V.; Gitanjali, J.; Indumathi, J.; kumar sharma, R.; Chordiya, (.S.B.; Kumar Singh, P.; Mishra, S.; Raj, (.B.
2020104125	Ganguli, S.; Sohane, A.; Gaur, A.; Karelia, N.; Chandra Pal, V.; Singh, G.; Gupta, R.; Kumar, M.	2020104194	N, S.; Shanthi, ..D.; Abdul Nabi, ..S.; Swetha Pasupuleti, ..N.; Chordiya, ..S.B.; Purushottam Pawar, ..V.; Raj, ..B.; Kumar Singh, ..P.; Nidhi Singh, ..P.; Kumar Sarkar, ..B.
2020104126	ARYA, L.	2020104195	Verma, B.K.; Bartere, M.M.; Aquatar, M.O.; Kumar, P.; Panda, R.B.; Dhiman, G.; Soni, M.; Lokulwar, P.; Cengiz, K.; Gomathi, S.
2020104127	Jilin University	2020104196	SNA EUROPE INDUSTRIES IBERIA, S.A.
2020104128	Bair, R.; Buzick, B.	2020104197	Wuhan University
2020104129	UES (Int'l) Pty Ltd	2020104198	Shandong University of Science and Technology
2020104130	Sipco Pty Ltd	2020104199	Shandong University of Science and Technology
2020104131	Scodon Engineering Services Pty Ltd	2020104200	O'BRIEN, G.
2020104132	Anova Lighting Co., Ltd.	2020104201	Baby Spa Aus IP Holdings Pty Ltd
2020104133	Anjanamma, C.; Lakshmi, A.V.; Rao, N.S.; Kovuri, K.; Narayana, C.V.L.; Shashank, P.; Kumar, M.R.; Prakash K, L.; Subhahan, D.A.; Mahesh Kumar, C.	2020104202	Institute of Animal Science and Veterinary Medicine, Hubei Academy of Agricultural Sciences
2020104134	Kunming University of Science and Technology	2020104203	Research Institute of Forestry, Chinese Academy of Forestry
2020104135	Aerologix Group Pty Ltd	2020104204	South China University of Technology
2020104136	Bergman, C.	2020104205	Jiangsu Academy of Marine Resources Development (Lianyungang), Jiangsu Ocean University
2020104137	Omaji, T.	2020104206	LEAKSTER PTY LTD.
2020104138	Visy R & D Pty Ltd	2020104207	CAMUNO BIOTHERAPEUTICS PTY LTD; CAMUNO BIOTHERAPEUTICS PTY LTD
2020104139	Webster, S.	2020104208	Chongqing University
2020104141	Poultry Institute, Shandong Academy of Agricultural Sciences	2020104209	Das, P.; Jamader, A.R.; Acharya, B.; Jena, C.; Panda, B.; Samal, S.; Patel, R.; Mohapatra, A.; Pradhan, A.
2020104142	zhou, I.	2020104210	AYF GROUP PTY LTD
2020104143	Dawood, M.	2020104211	Shandong Institute of Pomology
2020104144	Hunan Research Institute for Nonferrous Metals	2020104212	HumCen Co; ,, S.; ,, K.; ,, M.V.D.P.; ,, M.S.; ,, R.; ,, S.R.; ,, R.M.; ,, M.; ,, M.K.; ,, J.; ,, A.A.K.
2020104145	Coulter Ventures LLC	2020104213	Kataria, A.; Makkar, S.; Rani, S.; Tiwari, R.; Sidhu, N.; Mittal, P.
2020104146	Institute of Environmental Medicine and Occupational Medicine, Academy of Military Medicine, Academy of Military Sciences	2020104214	Borg, K.
2020104147	Xinjiang Daqo New Energy Co., Ltd.	2020104216	Anhui Agricultural University
2020104148	The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University	2020104217	Hubei University for Nationalities
2020104149	Changchun University of Chinese Medicine	2020104218	Jilin University
2020104150	Xuzhou University Of Technology	2020104219	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment; Jiangsu Jhs Environment Technologis Co., Ltd
2020104151	Xuzhou University Of Technology; Xuzhou Tengrui Intelligent Equipment Co., Ltd.; Nanjing Tiaoyao Intelligent	2020104220	Apple Inc.
		2020104221	KINGFA SCI TECH CO LTD
		2020104222	KUO, A.
		2020104223	Haigh Australia Pty Ltd
		2020104224	Guangdong University of Technology
		2020104225	Jiangxi Academy of Environmental Sciences

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2020104226	Shihezi University	2020104285	Guilin University of Technology
2020104227	University of Science and Technology Beijing	2020104286	Inner Mongolia Agricultural University
2020104228	Trade Mask Pty Ltd	2020104287	Nanjing Kanghe Institute of Cell Genetic Engineering Co., Ltd.
2020104229	Tsinghua University	2020104288	Jilin Changfa Modern Agricultural Technology Group Co., Ltd; Changchun Normal University; Jilin Agricultural University
2020104230	Rott, D.	2020104289	Sichuan Agricultural University
2020104231	Tsinghua University	2020104290	Northeast Agricultural University
2020104232	Jiangxi Huawei Technology Co., Ltd	2020104291	Guilin University of Technology
2020104233	Guizhou University	2020104292	Tianjin University
2020104234	Qingdao Agriculture University	2020104293	CIRCULR RESEARCH PTY LTD
2020104235	Sichuan Agricultural University	2020104294	Ward, L.
2020104236	Poultry Institute, Shandong Academy of Agricultural Sciences	2020104295	Sichuan Agricultural University
2020104237	Trisco ICAP Pty Ltd	2020104296	Daqing Normal University
2020104238	Poultry Institute, Shandong Academy of Agricultural Sciences	2020104297	Singh, P.; Bala, M.; Deep Singh, K.
2020104239	Shaoguan University; Shenzhen Xihan Medical and Healthy Environmental Protection Co. Ltd	2020104298	DAMODAR ANUSE, A.; SANDIP KUTE, R.; VIJAYKUMAR CHITRE, A.; PURUSHOTTAM PURNAYE, P.; SUBHANRAO BHADADE, R.; DINESH BHAT, P.; VAIBHAV MUNOT, M.
2020104240	Trisco ICAP Pty Ltd	2020104299	Harbin Engineering University
2020104241	Institute of Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Science	2020104300	Harbin Engineering University
2020104242	SHARMA, A.K.; Upreti, K.; Nasir, M.S.; Gupta, S.; Tajuddin, M.; Gupta, P.; Aggarwal, N.; Alam, M.S.	2020104301	K K, R.; M, P.; K, S.; B, M.; M, S.; S, V.; T, A.K.; T, A.; P, P.; S, L.; G, N.; A, S.K.
2020104243	Shenzhen Thousandshores Technology Co., Ltd.	2020104302	Jilin University
2020104244	VIAGGIO PTY LTD	2020104303	WANG, Y.
2020104245	Institute of Animal Science, Guangdong Academy of Agricultural Sciences	2020104304	Sichuan Agricultural University
2020104246	Chongqing University of Science and Technology	2020104305	Sichuan Agricultural University
2020104247	K, R.; P, G.; J, G.K.; A, S.; B, P.; J, V.; M, R.; N, S.; T, U.; V, M.	2020104306	SYNC Innovations Pty Ltd
2020104248	T, A.; S, P.; Ramamurthy, S.; Mohanan, M.	2020104308	Zunyi Normal University
2020104249	Nijhawan, P.; Singh, P.; Sandhu, A.	2020104309	WOM-BATT PTY LTD
2020104250	Subbarao, D.; Madhavi, B.; Anjum, F.; Naddunoori, M.; Rao, T.; Latha, M.	2020104310	Shandong Peanut Research Institute
2020104251	Panda, R.C.; Masih, J.; PANDIAN, P.P.; Nagrath, P.; Rakshit, P.; Singla, B.; Majumder, A.; Shrivastava, P.; Kaur, D.; Agarwal, K.M.; Raghuvanshi, R.; Gupta, R.K.; Suryawanshi, M.V.; Rathore, M.	2020104311	Heilongjiang Institute of Wood Science
2020104252	Ningbo Yucheng Technology Co., Ltd.	2020104312	Sichuan Agricultural University
2020104253	Slack Technologies, Inc.	2020104313	Nanjing Forestry University
2020104254	Xiamen University	2020104314	Institute of Agricultural Resources and Environment, Shandong Academy of Agricultural Sciences; Shandong Provincial Geo-mineral Engineering Exploration Institute
2020104255	Shenzhen Thousandshores Technology Co., Ltd.	2020104315	Heilongjiang Bayi Agricultural University
2020104256	Shenzhen Thousandshores Technology Co., Ltd.	2020104316	Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Sciences
2020104257	Shenzhen Thousandshores Technology Co., Ltd.	2020104317	Jinan University
2020104258	Shenzhen Thousandshores Technology Co., Ltd.	2020104318	Sichuan Agricultural University
2020104259	Shanxi University	2020104319	Institute of Agricultural Resources and Environment, Guangdong Academy of Agricultural Sciences; Guangdong Mingjing Biotechnology Co. Ltd
2020104260	Shenzhen Thousandshores Technology Co., Ltd.	2020104320	Institute of Agricultural Resources and Environment, Guangdong Academy of Agricultural Sciences; Guangdong Mingjing Biotechnology Co. Ltd
2020104261	Shenzhen Thousandshores Technology Co., Ltd.	2020104321	Huzhou University
2020104262	Cropper, S.; Cropper, P.	2020104322	Shenzhen Thousandshores Technology Co., Ltd.
2020104263	Daqo Group Co., Ltd.; Nanjing Daqo Electrical Institute Co., Ltd.; Jiangsu Daqo Kfine Electric Co., Ltd.	2020104323	Sichuan Agricultural University
2020104264	Plastec Australia Pty Ltd	2020104324	Zhejiang Academy of Agricultural Sciences
2020104265	IP RESERVE PTY LTD	2020104325	Shenzhen Thousandshores Technology Co., Ltd.
2020104266	Shenzhen Thousandshores Technology Co., Ltd.	2020104326	Shenzhen Thousandshores Technology Co., Ltd.
2020104267	Apple Inc.	2020104327	Beijing University of Technology
2020104268	Evolve Skateboards Pty Ltd	2020104328	Shenzhen Yikou Paper Products Co., Ltd
2020104269	Nanjing Tech University	2020104329	Shenzhen Thousandshores Technology Co., Ltd.
2020104270	Northwest Minzu University	2020104330	Polyplas International Pty Ltd
2020104271	Sayfa R&D Pty Ltd	2020104331	Dalian Polytechnic University
2020104272	Hunan Tian He Guo Yun Technology Co., Ltd.	2020104332	Shenzhen Thousandshores Technology Co., Ltd.
2020104274	Nanjing Hydraulic Research Institute; Hebei University of Engineering; Heilongjiang Province Hydraulic Research Institute	2020104333	Zhejiang Academy of Forestry; Zhejiang Tushengjin Agriculture Co., Ltd.
2020104275	SHENZHEN WELL-DONE INDUSTRIAL CO., LTD.	2020104334	Guangxi Academy of Agricultural Sciences
2020104277	Henan College of Transportation; Henan Jiaoyuan Engineering Technology Co., Ltd	2020104335	Dalian Polytechnic University
2020104279	Henan College of Transportation; Henan Jiaoyuan Engineering Technology Co., Ltd	2020104336	Sichuan Agricultural University
2020104280	College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur; Gupta, T.	2020104337	Shanghai Institute of Technology
2020104283	Sichuan Agricultural University	2020104338	CHANGSHA UNIVERSITY OF SCIENCE AND TECHNOLOGY; Guangxi University
2020104284	Freeman, G.	2020104339	Pearl River Fisheries Research Institute, Chinese Academy of Fishery Sciences

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2020104340	Panda, R.C.; Dahiya, S.; Mullemwar, S.Y.; PANDIAN, P.P.; Gupta, M.; Rout, I.S.; Chand, L.; Gaur, S.; Kumar, B.; Jain, H.; B.S, P.; Kakde, A.A.; Bhattacharyya, S.	2020104379	Krishna, P.V.; Indumathi, J.; J, G.; N, A.; Tanwar, N.; Nigam, A.; Kumar Bharti, R.; Kumar Singh, P.; B. Chordiya, (.S.; Raj, (.B.
2020104341	Nanchang Hangkong University	2020104380	Reddy , L.V.; Kiran, V.; Pandit, (.J.; Mathur, B.; Kesarwani, A.K.; Kumar, A.; Kumar Nath, S.; Chordiya, (.S.B.; Raj, (.B.; Kumar Singh, P.
2020104342	Jiangsu Academy of Marine Resources Development (Lianyungang), Jiangsu Ocean University	2020104381	Nagpure, V.S.; Subhash Nikam, D.; Kejariwal, M.; Deepak Nagvekar, Y.; Sukhadeo Thorat, V.; Ajay Rudrawar, A.; Vinayak Joshi, G.; Shashikant Gangatire, O.; Harun Shaikh, S.; Kumar, S.
2020104343	Inner Mongolia Agricultural University	2020104382	Tianjin Research Institute for Water Transport Engineering, M.O.T.
2020104344	Inner Mongolia Agricultural University	2020104383	V.Chitre, A.; S.Abhyankar, A.
2020104345	Acharya, B.; Pandharbale, P.B.; Pradhan, M.R.; Mohapatra, A.; Samal, S.; Jamader, A.R.; Das, P.	2020104384	Nayar, A.; Van Truong, T.
2020104348	Dhiman, G.; Vimal, S.; Vijayalakshmi, K.; Joon, R.K.; Bhatia, R.; Kumar, V.; Arora, V.; Soni, M.; Kaur, A.; Barak, D.D.	2020104385	Pinjarkar, L.; Bonde, P.; Mohiddin, M.K.; Kumar Nagwanshi, K.; Verma, U.; Rani, S.; Kumar, S.; Kumar Soni, A.; Raja, R.; Singh Kushwaha, A.K.; Chandra Srivastava, S.
2020104349	Raikar, R.	2020104387	M. Alarifi, I.; Majmaah University
2020104351	Shanghai Sunpai Trading Limited	2020104388	Foshan Shunde Kufu Electric Appliances Co., Ltd.
2020104352	Chakrabarti, T.; Patil, M.B.; Karthik, P.M.D.; Raju, M.D.; Satpathy, B.; Chakrabarti, P.; Hati, A.S.; Das, A.; Chhawchharia, P.; Mandal(Vijayvergiya), R.; Mishra, R.; Ravi Kumar, N.	2020104389	OZDOCS INTERNATIONAL PTY LTD
2020104353	Govindarajan, S.	2020104390	Shandong Marine resources and environment institute
2020104355	MOHAMMED, A.; N, V.G.; KHAN, A.A.; B, A.K.; MOHAMMED, I.S.; MOHAMMED, S.; RAMAVATHU, S.N.	2020104391	Lanzhou University of Technology
2020104356	Nanjing Kanghe Institute of Cell Genetic Engineering Co., Ltd.	2020104392	Fruitshop International Co., Ltd.
2020104357	Jiangsu Academy of Marine Resources Development (Lianyungang), Jiangsu Ocean University	2020104393	National Marine Environmental Monitoring Center
2020104358	Guizhou University	2020104395	-, A.; -, S.; -, P.
2020104360	Jiangsu Institute of Parasitic Diseases	2020104396	Institute of Plant Protection, Chinese Academy of Agricultural Sciences
2020104361	Li, P.	2020104397	Shenyang University; Liaoning Technical University
2020104362	Heilongjiang Bayi Agricultural University	2020104398	Ripple Mining Pty Ltd; Wall, S.; Wall, K.
2020104363	Heilongjiang Bayi Agricultural University	2020104399	Yaseen, S.; Gupta, S.; Banu, J.S.; V, P.; Swathi, J.N.; Boominathan, P.; Krishnamoorthy, A.; Devabalaji, K.R.; Yuvaraj, T.; kumar, C.L.; Pravallika, S.; Lavanya, B.M.; Reddy, P.D.K.; Manjunath, T.; G., P.; Peroumal, V.; Vashisht, S.; Manoharan, H.; Kshirsagar, P.R.
2020104365	Rajakumar, M.P.; Behura, A.; Sairam, K.; Bhat, A.P.; Sawle, Y.; Bohre, A.K.; Verma, D.; Shekhar, S.; Chakrabarti, P.; Hati, A.S.; Mandal(Vijayvergiya), R.; Chhawchharia, P.	2020104400	Institute of Animal Husbandry, Heilongjiang Academy of Agricultural Sciences
2020104366	Huazhong Agricultural University	2020104401	Institute of Animal Husbandry, Heilongjiang Academy of Agricultural Sciences
2020104367	Beijing Beike Fangxing Environmental Protection Technology Co., Ltd.	2020104402	Luoyang Institute of Science and Technology
2020104368	University of Science and Technology Beijing	2020104403	ADLAI NORTYE BIOPHARMA CO LTD
2020104369	Sericultural & Agri-Food Research Institute Guangdong Academy of Agricultural Sciences	2020104404	Sichuan University
2020104370	Atrada Group Pty Ltd Trading as Tradesales	2020104405	M, L.; Ponmozhi, B.R.A.; Rengaraju, P.; C, A.S.; Arthi, K.; Manikandan, M.; V, N.M.; M, P.; kumar, C.L.; Periyasamy, P.; Ravikumar, D.; Devi, V.; Shanmigham, B.; Rajashree, R.; REDDY, G.D.; Manoharan, H.; Kshirsagar, P.R.; Peroumal, V.
2020104371	Chongqing Jiaotong University	2020104406	Shihezi University; Jiangsu Guoxin Union Energy Co.,Ltd.
2020104372	Sichuan Agricultural University	2020104407	Shihezi University
2020104373	Institute of Grain Crops, Yunnan Academy of Agricultural Sciences; Institute of Quality Standards and Testing Technology, Yunnan Academy of Agricultural Sciences		
2020104374	Sichuan Agricultural University		
2020104375	First Affiliated Hospital of Xinjiang Medical University		
2020104376	Qingdao Agricultural University		
2020104378	RAJU BENDI, R.; Malla, R.; Dharmana, T.; Konni, M.; Naidu Bonnada, N.; Bavisetti, L.; Rani Routh, S.; Srikanth Vemuri, R.S.S.; Duvvuri, S.; Gouthamsri, S.		

Applications with amended filing dates Reg 3.5(A).

2020103445 **University of Science & Technology Beijing; Inner Mongolia Risheng Recycling Resource Co. Ltd.** The filing date has been amended to 26.11.2020

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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2006258839 (14)	2006259353 (14)	2006259605 (14)
2006259659 (14)	2006259671 (14)	2006260108 (14)
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2006262491 (14)	2006262498 (14)	2006262611 (14)
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2006268011 (14)	2006269028 (14)	2006274711 (14)
2006274712 (14)	2006274714 (14)	2006276649 (14)
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2007

2007202878 (14)	2007202910 (14)	2007214354 (14)
2007255196 (14)	2007257159 (14)	2007257708 (14)

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2007260594 (14)	2007260934 (14)	2007261442 (14)	2011253724 (14)	2011263354 (14)	2011263548 (14)
2007262422 (14)	2007262670 (14)	2007262786 (14)	2011264823 (14)	2011264833 (14)	2011264834 (14)
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			2011371572 (14)	2011371638 (14)	
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2009201465 (14)	2009202298 (14)	2009202334 (14)	2012202867 (14)	2012203434 (14)	2012203479 (14)
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2009266125 (14)	2009266389 (14)	2009266390 (14)	2012273295 (14)	2012273728 (14)	2012273729 (14)
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2009271295 (14)	2009271389 (14)	2009271658 (14)	2012275009 (14)	2012276851 (14)	2012279670 (14)
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2010274979 (14)	2010275544 (14)	2010276918 (14)	2013392071 (14)	2013392090 (14)	2013392645 (14)
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2010355326 (14)	2010356085 (14)				
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2011202731 (14)	2011202734 (14)	2011202792 (14)	2014101593 (22E)	2014101666 (22E)	2014200216 (14)
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2014203151 (14)	2014203187 (14)	2014203246 (14)	2016204229 (14)	2016204230 (14)	2016204231 (14)
2014203247 (14)	2014203251 (14)	2014203272 (14)	2016204232 (4B)	2016204237 (4B)	2016204250 (4A)
2014203363 (14)	2014203390 (14)	2014203418 (14)	2016204297 (4B)	2016204337 (14)	2016204359 (4A)
2014203420 (14)	2014203777 (14)	2014276425 (14)	2016204365 (4C)	2016204412 (14)	2016204447 (14)
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2014283417 (14)	2014283458 (14)	2014283908 (14)	2016278071 (4C)	2016278142 (4C)	2016278194 (4C)
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2014284101 (14)	2014284105 (14)	2014284129 (14)	2016279050 (4B)	2016279178 (4B)	2016279911 (4B)
2014284149 (14)	2014284203 (14)	2014284210 (14)	2016279940 (4C)	2016279941 (4B)	2016279965 (4C)
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2014285906 (14)	2014285907 (14)	2014286456 (14)	2016280159 (4B)	2016280165 (4C)	2016280171 (4B)
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2014302877 (14)	2014302914 (14)	2014302942 (14)	2016281598 (4B)	2016281599 (4B)	2016281600 (4B)
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2014339740 (4C)	2014392592 (14)	2014396808 (14)	2016281958 (4C)	2016282065 (4B)	2016282256 (4B)
2014396836 (14)	2014396844 (14)	2014396919 (14)	2016282309 (14)	2016282350 (4B)	2016282362 (4B)
2014397095 (14)	2014398210 (14)	2014398251 (14)	2016282579 (4B)	2016282592 (4C)	2016282741 (4C)
			2016282800 (4C)	2016282816 (4C)	2016282877 (4B)
			2016282986 (4B)	2016283066 (4C)	2016283114 (4B)
			2016284002 (4B)	2016284198 (4C)	2016284200 (4C)
			2016284399 (4C)	2016284455 (4B)	2016284668 (4C)
			2016284677 (4B)	2016284707 (4B)	2016284715 (4B)
			2016284838 (14)	2016284841 (14)	2016285007 (14)
			2016285439 (4C)	2016285473 (4B)	2016286418 (14)
			2016287001 (4B)	2016287082 (14)	2016287086 (4C)
			2016288175 (14)	2016289172 (14)	2016290709 (4C)
			2016290723 (4C)	2016293350 (4B)	2016294173 (4C)
			2016296111 (4C)	2016296116 (14)	2016298794 (4C)
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			2016386308 (1B)	2016386431 (1B)	2016387242 (1B)
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			2016404369 (4A)	2016408416 (4A)	2016409483 (1B)
			2016410289 (4B)	2016410449 (4B)	2016410558 (4B)
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2015

2015100765 (22E)	2015100774 (22E)	2015100796 (22E)
2015100802 (22E)	2015100807 (22E)	2015100813 (22E)
2015100839 (22E)	2015100840 (22E)	2015100858 (22E)
2015101621 (22E)	2015202004 (14)	2015202546 (14)
2015203049 (14)	2015203148 (14)	2015203151 (14)
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2015215960 (14)	2015224522 (14)	2015224535 (14)
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2015276799 (14)	2015276812 (4C)	2015276815 (4C)
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2015277433 (14)	2015277553 (14)	2015277897 (14)
2015278193 (14)	2015278234 (4C)	2015278245 (14)
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2016

2016100038 (22E)	2016100109 (22G)	2016100853 (22E)
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2016100942 (22E)	2016200322 (14)	2016200388 (14)
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2016204033 (4B)	2016204039 (4A)	2016204074 (4C)
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2017

2017100083 (22E)	2017100335 (22E)	2017100719 (22E)
2017100837 (22E)	2017101781 (22E)	2017200432 (1B)
2017200518 (1B)	2017200546 (14)	2017200617 (14)
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2017207448 (1B)	2017207449 (1B)	2017207480 (1B)
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2018

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2019

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 2020244378 (1B) 2020244482 (1B) 2020244595 (1B)
 2020244605 (1B) 2020244608 (1B) 2020244611 (1B)
 2020250235 (1B) 2020250265 (1B) 2020250295 (1B)
 2020250297 (1B) 2020256290 (1B) 2020256321 (1B)

Assignments before Grant, Section 113

2016

2016224901 Agrinos AS The application has been assigned to **AM-VAC Chemical Corporation**

Assignments before Grant, Section 113

2016224902 Agrinos AS The application has been assigned to **AM-VAC Chemical Corporation**

2016245924 Biom'up The application has been assigned to **BIOM'UP France SAS**

2016284722 USM Holding AG The application has been assigned to **USM U. Scharer Sohne AG**

2016389840 Agrinos AS The application has been assigned to **AM-VAC Chemical Corporation**

2016392473 Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V. The application has been assigned to **Avadain, LLC**

2016399130 Beijing Dabeinong Technology Group Co., Ltd.; Beijing Dabeinong Biotechnology Co., Ltd. The application has been assigned to **Beijing Dabeinong Biotechnology Co., Ltd.**

2017

2017203165 AEROLOGIX PTY LTD The application has been assigned to **AEROLOGIX GROUP PTY LTD**

2017219119 Kinetic Supply Pty Ltd The application has been assigned to **Kinetic Sourcing Group Pty Ltd**

2017310470 Biom'up The application has been assigned to **BIOM'UP France SAS**

2017319484 Agrinos AS The application has been assigned to **AM-VAC Chemical Corporation**

2018

2018207566 Lorstan Pharmaceutical, LLC The application has been assigned to **Loria Pharmaceutical, LLC**

2018274924 BIOM'UP The application has been assigned to **BIOM'UP France SAS**

2018277757 Nabriva Therapeutics Ireland DAC The application has been assigned to **Zavante Therapeutics, Inc.**

2018426414 Liao, Shiqi The application has been assigned to **Lanzhou Mingde Pharmaceutical Co., Ltd.; Liao, Shiqi**

2019

2019204042 Architecture Du Bois The application has been assigned to **Burger et Cie**

2020

2020204544 BASF SE; Ecolab USA Inc. The application has been assigned to **Ecolab USA Inc.**

2020204547 BASF SE; Ecolab USA Inc. The application has been assigned to **Ecolab USA Inc.**

Assignments before Grant, Section 113

2020227102 Schenck Process Equipamentos Industriais Ltda. The application has been assigned to **Schenck Process Australia Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2014

2014234961 **Vardy, T.** An application to extend the time from 01 Oct 2020 to 01 Jan 2021 in which to gain acceptance has been filed . Address for service - Gadens Lawyers Brisbane GPO Box 129 Brisbane QLD 4001 AU

2016

2016267579 **Neurotech USA, Inc.** An application to extend the time from 27 May 2020 to 27 Dec 2020 in which to pay the continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017219063 **Kala Pharmaceuticals, Inc.** An application to extend the time from 11 Jun 2020 to 11 Jan 2021 in which to pay the continuation fee has been filed . Address for service - K&L Gates South Tower L 25 525 Collins St Melbourne VIC 3000 AU

2018

2018229959 **Courey, Stephen** An application to extend the time from 09 Oct 2019 to 09 Nov 2020 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019203265 **Organovo, Inc.** An application to extend the time from 13 Mar 2020 to 13 Nov 2020 in which to pay the continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020200029 **ExThera Medical Corporation** An application to extend the time from 17 Apr 2020 to 17 Nov 2020 in which to pay the continuation fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Applications Allowed - Section 223(2)

2004

2004200942 **Director-General of the Department of Infrastructure, Planning and Natural Resources** the time in which to pay the renewal fee has been extended to 05 Oct 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2005

2005200464 **Williams, D.** The time in which to pay the renewal fee has been extended to 04 Sep 2020 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

Extensions of Time, Section 223

2009

2009234625 **Korea Advanced Institute of Science and Technology** The time in which to pay the renewal fee has been extended to 05 Oct 2020 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2011

2011310480 **Director General, Defence Research & Development Organisation** The time in which to pay the renewal fee has been extended to 06 May 2020 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2015

2015243012 **Roto-gro Inc.** The time in which to file the SGP during Opposition Proceedings has been extended to 21 Feb 2021 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2016

2016277606 **stodulka, a.** The time in which to request examination has been extended to 29 Jan 2021 . Address for service - andrea mario stodulka 99 tralee st Hume ACT 2620 AU

2016

2016393722 **Kusainov, A.; Buktukov, N.** The time in which to request examination has been extended to 25 Nov 2020 . Address for service - Alder IP Pty Ltd Suite 202 24 Thomas Street CHATSWOOD NSW 2067 AU

2017

2017203027 **HIBM Research Group, Inc.** The time in which to pay the renewal fee has been extended to 01 Oct 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018

2018217266 **Fybr** The time in which to gain acceptance has been extended to 09 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018254517 **University of Southern California** The time in which to request examination has been extended to 07 Jan 2021 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2018

2018288029 **SICHUAN BAILI PHARM CO. LTD** The time in which to enter the national phase has been extended to 19 Aug 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018

2018372323 **Jushi Group Co., Ltd.** The time in which to gain acceptance has been extended to 13 Jan 2021 . Address for service - Pipers Intellectual Property PO Box 5298 Imagetext House 3 Owens Road Auckland Auckland 1141 NZ

2019

2019200892 **Implantica Patent Ltd** The time in which to pay the acceptance fee has been extended to 27 Dec 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Extensions of Time, Section 223

2019202147 **C7 SUGAR GMBH** The time in which to pay the acceptance fee has been extended to 03 Jan 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019202785 **Advanced Green Biotechnology Inc.** The time in which to gain acceptance has been extended to 17 Apr 2021 . Address for service - Michael Buck IP 159 Musgrave Road Red Hill QLD 4059 AU

2019203870 **Phoenix Product Development Limited** The time in which to pay the continuation fee has been extended to 01 Oct 2020 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2019206016 **CushCore, Inc.** The time in which to pay the continuation fee has been extended to 15 Oct 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019222873 **Amplifier Marketing Pty Limited** The time in which to pay the continuation fee has been extended to 27 Aug 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020101896 **RAMALINGAM, U.; SELVARAJ, V.** The time in which to comply with a direction under Reg 3.2B has been extended to 24 Jan 2021 . Address for service - UMAMAHESWARI RAMALINGAM ARULA JEROME A U UNIT 8/58-60, ST. ANN STREET Merrylands NSW 2160 AU

2020250314 **International Paper Company** The time in which to make a further application for a divisional patent has been extended to 09 Nov 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020250316 **Maxsun (Dalian) Co., Ltd** The time in which to request examination has been extended to 27 Mar 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

Amendments

Applications for Amendment

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

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

2016

2016205361 Methods of treating conditions related to the S1P1 receptor **Arena Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Dec 2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016289474 HBED-bisphosphonates, radiometal conjugates thereof and their use as theranostic agents **Five Eleven Pharma Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Dec

Amendments

2020 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018

2018102075 Blind-type Curtain **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

2018203060 HEAT ACTIVATED SHRINK FILMS **Avery Dennison Corporation** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019202676 Antigen binding constructs to CD8 **ImaginAb, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2020 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019204364 De-immunized Shiga toxin A subunit effector polypeptides for applications in mammals **Molecular Templates, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2019229342 Effective generation of tumor-targeted T-cells derived from pluripotent stem cells **Memorial Sloan-Kettering Cancer Center** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2020 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019248524 Cross-blockchain interaction method, apparatus, system, and electronic device **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 29 Dec 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020213402 Avatar creation and editing **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Dec 2020 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

Amendments Made

2004

2004291149 **BioMarin Pharmaceutical Inc.** The nature of the amendment is as shown in the statement filed 08 Sep 2020

2015

2015292744 **The Trustees of the University of Pennsylvania; Novartis AG** The nature of the amendment is as shown in the statement filed 23 Sep 2020

2015342774 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 29 Sep 2020

2016

2016269366 **Zhu, S.** The nature of the amendment is: Amend the invention title to read A CONTROLLABLE VARIABLE SPRAY GUN

Amendments

FOR A CENTRAL-PIVOT SPRINKLER AND A CENTRAL-PIVOT SPRINKLER

2016395426 **Kemira Oyj** The nature of the amendment is as shown in the statement filed 18 Sep 2020

2017

2017202612 **Boyd Tech, Inc.; Ambler, E.** The nature of the amendment is: Amend the name of the inventor to read Ambler, Edward Alan and Boyd, Samuel James

2017211953 **Société des Produits Nestlé S.A.** The nature of the amendment is: Application is to proceed under the number 2017101896

2017214283 **Emory University; Regenxbio Inc.** The nature of the amendment is: Amend the name of the inventor to read Donsante, Anthony; Kozarsky, Karen; Boulis, Nicholas Matthew and Riley, John Patrick

2017228527 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read Walensky, Loren D. and Gavathiotis, Evripidis

2018

2018205472 **MGI Tech Co., Ltd.; BGI Shenzhen** The nature of the amendment is: Amend the invention title to read NUCLEIC ACID SEQUENCING USING AFFINITY REAGENTS

2018320008 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 30 Dec 2020

2018354391 **MediBeacon Inc.** The nature of the amendment is as shown in the statement filed 22 Sep 2020

2018358932 **Waymo LLC** The nature of the amendment is: Amend the priority details to read 15/798,926 31 Oct 2017 US

2018417303 **Xiamen Huison Biotech Co.,Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102207

2018423492 **Revaissant (Shenzhen) Biosciences Co., Ltd.** The nature of the amendment is: Amend the invention title to read USES OF BACTEROIDES FRAGILIS OR AKKERMANSIA MUCINIPHILA IN PREPARING DRUGS FOR PREVENTING OR TREATING TUMORS

2019

2019204799 **DePuy Synthes Products, Inc.** The nature of the amendment is: Amend the name of the inventor to read Aram, Luke; Ashby, Alan; Auger, Daniel D.; Beech, Richard; Bennett, Travis; Rose, Bryan; Aker, Chris; Sheaks-Hoffman, Janell; Smith, Matthew D.; Lester, Mark B.; Wyss, Joseph G.; Rhodes, Matt; Zajac, Eric; Cook, Laban; Sokolov, Dimitri and Roose, Jeffrey R.

2019205950 **GI Scientific, LLC** The nature of the amendment is as shown in the statements filed 28 Jul 2020, 23 Nov 2020 and 8 Dec 2020

2019259214 **The University of Warwick** The nature of the amendment is: Amend the name of the inventor to read TAO, Shanwen and HUMPHREYS, John

Amendments

2019271821 **Baoshan Iron & Steel Co., Ltd.** The nature of the amendment is: Amend the invention title to read High-strength double-sided stainless steel clad sheet and manufacturing method therefor

2019272377 **Guangzhou Henovcom Bioscience Co., Ltd.** The nature of the amendment is: Amend the invention title to read HETEROAROMATIC COMPOUNDS, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF

2019273599 **Nerviano Medical Sciences S.R.L.** The nature of the amendment is as shown in the statement filed 15 Dec 2020

2019278014 **Hua Medicine (Shanghai) Ltd.** The nature of the amendment is: Amend the invention title to read Pharmaceutical combination, composition and combination formulation containing glucokinase activator and K-ATP channel blocker, preparation method thereof and use thereof

2019278016 **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 DPP#IV inhibitor, and preparation method and use thereof

2019278018 **Hua Medicine (Shanghai) Ltd.** The nature of the amendment is: Amend the invention title to read Pharmaceutical combination, composition, and combination formulation containing glucokinase activator and PPAR receptor activator, and preparation methods and uses thereof

2019278912 **EQTEC Engineered Quartz Technology GmbH** The nature of the amendment is: Amend the invention title to read Method and device for producing engineered stone slabs

2019282743 **EnVision Endoscopy** The nature of the amendment is: Amend the name of the inventor to read OSTROVSKY, Isaac and KHANICHEH, Azadeh

2019284169 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read NETWORK CONFIGURATION METHOD AND COMMUNICATIONS APPARATUS

2019285277 **Mitsubishi-Chemical Foods Corporation** The nature of the amendment is: Amend the invention title to read Oil-in-water Pickering emulsion

2019285316 **Universite Gustave Eiffel** The nature of the amendment is: Amend the invention title to read Method and device for determining the particle emission coefficient and potential of a material, and a method for controlling a traffic lane

2019287504 **Hercules LLC** The nature of the amendment is as shown in the statement filed 24 Dec 2020

2019291441 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read OBJECT MODELING AND MOVEMENT METHOD AND APPARATUS, AND DEVICE

2019294835 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read GRAY, Nathanael; ZHANG, Tinghu; FISCHER, Eric; VERANO, Alyssa; HE, Zhixiang;

Amendments

DU, Guangyan; DONOVAN, Katherine; NOWAK, Radoslaw and YUAN, Jing Ting Christine

2019314897 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATIONS METHOD AND APPARATUS

2019407974 **LEUNG, W.** The nature of the amendment is: Application is to proceed under the number 2019101779

Alteration of Name(s) of Applicant(s)/Patentee(s)**2000**

2000053643 DORMA Australia Pty Ltd The name of the patentee has been altered to **Dormakaba Australia Pty Ltd**

2014

2014360760 Aaron Diamond AIDS Research Center The name of the patentee has been altered to **The Aaron Diamond AIDS Research Center for the City of New York, Inc**

2014375500 Hainan Xuanzhu Pharma Co., Ltd. The name of the patentee has been altered to **Xuanzhu Biopharmaceutical Co., Ltd.**

2017

2017202612 Ambler, Edward The name of the applicant has been altered to **Boyd Tech, Inc.; Ambler, E.**

2017259259 Janssen Vaccine & Prevention B.V.; Bavarian Nordic A/S The name of the applicant has been altered to **Janssen Vaccines & Prevention B.V.; Bavarian Nordic A/S**

2017346577 VT Idirect, Inc. The name of the applicant has been altered to **ST Engineering iDirect, Inc.**

2018

2018218207 Carnot Compression LLC The name of the patentee has been altered to **Carnot Compression Inc.**

2018359395 East Coast Racing Technologies, LLC The name of the applicant has been altered to **East Coast Racing Technologies, Inc.**

2019

2019279311 Centrics Bio The name of the applicant has been altered to **CentricsBio, Inc.**

2019282149 LifeEDIT, Inc. The name of the applicant has been altered to **LifeEDIT Therapeutics, Inc.**

2020

2020267203 SpyGlass Ophthalmics, Inc. The name of the applicant has been altered to **The Regents of the University of Colorado, a body corporate; SpyGlass Ophthalmics, Inc.**

2020273364 China Coal Mine Engineering Co., Ltd. The name of the applicant has been altered to **Tiandi Science and Technology Co., Ltd; China Coal Mine Engineering Co., Ltd.**

Amendments

2020289856 Decomotion Limited The name of the applicant has been altered to **Gladoor Taiwan Limited**

2020904815 Szekely, Damon The name of the applicant has been altered to **Szekely, A.D.**

Applications Open to Public Inspection

Name Index

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

<p>(71) A. Raymond Et Cie (11) AU-A-2020203812 (21) 2020203812 (22) 10.06.2020 (54) DOUBLE PACKAGING FOR OBJECT INTENDED TO REMAIN STERILE (51) Int. Cl. A61C 19/02 (2006.01) A61C 8/00 (2006.01) A61F 2/00 (2006.01) A61L 2/00 (2006.01) B65D 25/04 (2006.01) (31) 1907412 (32) 03.07.19 (33) FR (43) 21.01.2021 (72) Clavel, Maxime (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(21) 2020202901 (22) 01.05.2020 (54) ENRICHING COLLABORATION USING VISUAL COMMENTS IN A SHARED REVIEW (51) Int. Cl. G06F 3/0484 (2013.01) G06Q 10/10 (2012.01) (31) 16/504,118 (32) 05.07.19 (33) US (43) 21.01.2021 (72) Gupta, Anurag; Bindal, Aditya (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(54) Hydrophilized polydiorganosiloxane vinylic crosslinkers and uses thereof (51) Int. Cl. C08G 77/16 (2006.01) C08G 77/20 (2006.01) C08G 77/392 (2006.01) G02B 1/04 (2006.01) (43) 21.01.2021 (62) 2019203744 (72) Huang, Jinyu; Chang, Frank; Zhang, Steve Yun; Jing, Feng (74) Davies Collison Cave Pty Ltd</p>
<p>(71) A3 by Airbus, LLC (11) AU-A-2019436651 (21) 2019436651 (22) 29.06.2019 (54) Secure microservice architecture for unmanned air traffic management (51) Int. Cl. G08G 5/00 (2006.01) (43) 21.01.2021 (72) POLASTRE, Joe; BALAKRISHNAN, Karthik (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Advanced New Technologies Co., Ltd. (11) AU-A-2020289745 (21) 2020289745 (22) 15.12.2020 (54) Asset transfer method and apparatus, and electronic device (51) Int. Cl. G06Q 20/00 (2012.01) G06Q 40/00 (2012.01) (43) 21.01.2021 (62) 2019204027 (72) HU, Danqing; LIN, Sen; ZHANG, Junliang (74) Spruson & Ferguson</p>	<p>(71) Alcyone Lifesciences, Inc. (11) AU-A-2020286295 (21) 2020286295 (22) 10.12.2020 (54) Drug delivery systems and methods (51) Int. Cl. A61M 25/00 (2006.01) A61B 5/03 (2006.01) (43) 21.01.2021 (62) 2016262467 (72) ANAND, P.J.; BROPHY, Morgan; SINGH, Deep Arjun; EBERL, Greg (74) Spruson & Ferguson</p>
<p>(71) Accenture Global Solutions Limited (11) AU-A-2020289715 (21) 2020289715 (22) 14.12.2020 (54) INTELLIGENT CASE MANAGEMENT PLATFORM (51) Int. Cl. G06Q 30/06 (2012.01) (43) 21.01.2021 (62) 2019210617 (72) GUPTA, Anshul; THOMAS, Annie; GHOSH, Subhajit (74) Murray Trento & Associates Pty Ltd</p>	<p>(71) Advanced New Technologies Co., Ltd. (11) AU-A-2020289748 (21) 2020289748 (22) 15.12.2020 (54) Blockchain data processing method and apparatus (51) Int. Cl. G06Q 20/06 (2012.01) (43) 21.01.2021 (62) 2018278316 (72) WANG, Shifeng (74) Spruson & Ferguson</p>	<p>(71) ALLEGIANCE CORPORATION (11) AU-A-2020256455 (21) 2020256455 (22) 16.10.2020 (54) Integrated elastomeric article manufacturing system and process (51) Int. Cl. A41D 19/04 (2006.01) B29C 37/00 (2006.01) B29C 41/14 (2006.01) B29C 41/42 (2006.01) (43) 21.01.2021 (62) 2015346014 (72) WONG, Wei Cheong; LIM, Jason; YEOH, Tse-Liang (74) Griffith Hack</p>
<p>(71) Adobe Inc. (11) AU-A-2020202660 (21) 2020202660 (22) 21.04.2020 (54) Image Modification Styles Learned from A Limited Set of Modified Images (51) Int. Cl. G06T 5/50 (2006.01) (31) 16/453,398 (32) 26.06.19 (33) US (43) 21.01.2021 (72) Wilensky, Gregg (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Ager, H. (11) AU-A-2019204842 (21) 2019204842 (22) 05.07.2019 (54) Limitless Tailgate Step - A universal folding step that can be attached to any vehicle tailgate. (51) Int. Cl. B60R 3/02 (2006.01) B62D 33/037 (2006.01) (43) 21.01.2021 (72) Ager, Hugh (74) Hugh Ager</p>	<p>(71) Alnylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (11) AU-A-2020286311 (21) 2020286311 (22) 11.12.2020 (54) Compositions and methods for inhibiting expression of the ALAS1 gene (51) Int. Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61P 3/00 (2006.01) (43) 21.01.2021 (62) 2014331604 (72) BETTENCOURT, Brian; FITZGERALD, Kevin; QUERBES, William; DESNICK, Robert J.; YASUDA, Makiko (74) Griffith Hack</p>
<p>(71) Adobe Inc. (11) AU-A-2020202901</p>	<p>Alan Patterson, S. see Hilbert, B. (21) 2019204472</p>	<p>(71) Alcon Inc. (11) AU-A-2020286324 (21) 2020286324 (22) 11.12.2020</p>

Applications Open to Public Inspection - Name Index cont'd

(71) Altech Chemicals Australia Pty Ltd
 (11) AU-A-2020289717
 (21) 2020289717 (22) 14.12.2020
 (54) A Method For The Preparation Of Alumina
 (51) Int. Cl.
C01F 7/02 (2006.01)
C01F 1/00 (2006.01)
C01F 7/22 (2006.01)
C01F 7/30 (2006.01)
C22B 3/00 (2006.01)
C22B 3/10 (2006.01)
C22B 3/24 (2006.01)
C22B 3/42 (2006.01)
 (43) 21.01.2021
 (62) 2019204216
 (72) Atkins, Annette Margaret; Tan, Ignatius Kim Seng
 (74) WRAYS PTY LTD

Anhui University of Science and Technology see China University of Mining and Technology
 (21) 2019427994

(71) Anterios, Inc.
 (11) AU-A-2020289831
 (21) 2020289831 (22) 17.12.2020
 (54) Methods to treat, prevent, and improve skin conditions
 (51) Int. Cl.
A61K 31/485 (2006.01)
 (43) 21.01.2021
 (62) 2015252949
 (72) Edelson, Jonathan
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Anthony Innovations Pty Ltd
 (11) AU-A-2020204383
 (21) 2020204383 (22) 30.06.2020
 (54) SILL MOUNTABLE ROLLER ASSEMBLY
 (51) Int. Cl.
E05D 15/06 (2006.01)
 (31) 2019902387 (32) 05.07.19 (33) AU
 (43) 21.01.2021
 (72) HOOKE, Oscar
 (74) Watermark Intellectual Property Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020289822
 (21) 2020289822 (22) 17.12.2020
 (54) User interface for payments
 (51) Int. Cl.
G06Q 20/40 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/42 (2012.01)
 (43) 21.01.2021
 (62) 2020200685
 (72) VAN OS, Marcel; DICKER, George R.; STEELE, Glen W.; YANG, Lawrence Y.; CARO, Pablo F.; PITSCHER, Donald W.; AHN, Charles; TUCKER, Bri-

an; YERKES, Giancarlo; FEDERIGHI, Craig M.; ADAMS, Christopher D.; LEE, Woo-ram; DIEDERICH, Anton K.
 (74) FPA Patent Attorneys Pty Ltd

(71) Arcadyan Technology Corporation
 (11) AU-A-2020204168
 (21) 2020204168 (22) 22.06.2020
 (54) Rectangular Triple-Band Antenna Device
 (51) Int. Cl.
H01Q 1/22 (2006.01)
 (31) 108123429 (32) 03.07.19 (33) TW
 (43) 21.01.2021
 (72) HUANG, Chih-Yung; LO, Kuo-Chang
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Arch Wood Protection, Inc.
 (11) AU-A-2020286354
 (21) 2020286354 (22) 14.12.2020
 (54) Wood preservative composition
 (51) Int. Cl.
B27K 3/22 (2006.01)
C08L 79/02 (2006.01)
 (43) 21.01.2021
 (62) 2019200383
 (72) Thompson, Kimberlee; Thomason, Susan; Valcke, Alex; Cantrell, David
 (74) Shelston IP Pty Ltd.

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2020204104
 (21) 2020204104 (22) 19.06.2020
 (54) ELECTRONIC GAMING MACHINE ARCHWAYS INCLUDING PLURALITIES OF CURVED DISPLAY DEVICES
 (51) Int. Cl.
A63F 13/26 (2014.01)
A63F 13/30 (2014.01)
A63F 13/90 (2014.01)
 (31) 62/869,452 (32) 01.07.19 (33) US
 62/913,504 10.10.19 US
 16/890,634 02.06.20 US
 (43) 21.01.2021
 (72) Shaffer Jr., Stephen; Rodriguez, Frank; Urban, Bruce; Thomas, Alfred; Jadeja, Rajendrasinh; McKay, Matthew; Turgel, Ariel; Harden, Daniel; Ortiz, Elliot; Teranishi, Hiroto; Kaminkow, Joseph
 (74) Griffith Hack

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C08K 3/34 (2006.01)
C09D 1/02 (2006.01)
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A61M 11/00 (2006.01)
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C07K 16/18 (2006.01)
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A01B 76/00 (2006.01)
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B60W 30/10 (2006.01)
B62D 6/00 (2006.01)
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A61K 9/48 (2006.01)
A61K 31/381 (2006.01)
A61K 31/4015 (2006.01)
A61K 31/437 (2006.01)
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C07D 403/12 (2006.01)
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2020200126	Lockstep Technologies Pty Ltd	2020230268	Canva Pty Ltd
2020200274	XIAMEN ROADZUP OUTDOOR PRODUCTS CO., LTD	2020233721	Cino Technology (Shenzhen) Limited
2020202171	Centurion Framing Systems Pty Ltd	2020239614	BOE Technology Group Co., Ltd.; Beijing BOE Technology Development Co., Ltd.
2020202660	Adobe Inc.	2020244447	Jiangnan University
2020202774	DePuy Ireland Unlimited Company	2020244474	Fisher & Paykel Healthcare Limited
2020202840	Lycopodium Minerals Pty Ltd	2020244575	Sanuwave, Inc.
2020202901	Adobe Inc.	2020244610	Axsome Therapeutics, Inc.
2020202958	JANOME SEWING MACHINE CO.,LTD	2020256455	ALLEGIANCE CORPORATION
2020203125	Covidien LP	2020264392	Coupang Corp.
2020203249	TuSimple, Inc.	2020267187	Millennium Pharmaceuticals, Inc.
2020203301	Covidien LP	2020270465	Johnson & Johnson Vision Care, Inc.
2020203304	Covidien LP	2020270474	Johnson & Johnson Vision Care, Inc.
2020203307	Covidien LP	2020270475	Johnson & Johnson Vision Care, Inc.
2020203339	Covidien LP	2020273364	China Coal Mine Engineering Co., Ltd.
2020203384	Deere & Company	2020277296	Lumet Technologies Ltd
2020203643	MacDon Industries Ltd.	2020281127	Fisher and Paykel Healthcare Limited
2020203664	Jiangxi University of Science and Technology	2020286164	Omniceil, Inc.
2020203681	Schott AG	2020286205	Technological Resources Pty. Limited
2020203683	The Boeing Company	2020286259	Tutupata, Inc.
2020203721	Deere & Company	2020286260	GE Global Sourcing LLC
2020203734	DePuy Synthes Products, Inc.	2020286262	Dynamics Inc.
2020203789	KWC AG	2020286263	CGG Services SA
2020203812	A. Raymond Et Cie	2020286266	Cartiheal (2009) Ltd.
2020203832	Covidien LP	2020286267	SignPath Pharma, Inc.
2020203869	Depuy Synthes Products, Inc.	2020286269	Janssen Pharmaceutica NV
2020203902	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2020286271	Janssen Pharmaceutica NV
2020203907	Barrette Outdoor Living, Inc.	2020286272	Joy Global Underground Mining LLC
2020203931	CATERPILLAR INC.	2020286289	BlueScope Steel Limited
2020203993	Deere & Company	2020286291	Xukang Medical Science & Technology (Suzhou) Co., Ltd
2020204022	Snap-on Incorporated	2020286293	Keystone Heart Ltd.
2020204061	Hanablend, LLC	2020286294	Mahfouz, M.
2020204104	Aristocrat Technologies, Inc.	2020286295	Alcyone Lifesciences, Inc.
2020204110	INSTITUTE OF OCEANOGRAPHIC INSTRUMENTATION, SHANDONG ACADEMY OF SCIENCES	2020286296	Smiths Medical ASD, Inc.
2020204168	Arcadyan Technology Corporation	2020286297	RTC Industries, Inc.
2020204183	MUÑOZ SAIZ, M.	2020286298	Strata Products Worldwide, LLC
2020204187	Gruppo Cimbali S.p.A.	2020286299	Gilead Sciences, Inc.
2020204192	L&F Plastics, Co., Ltd.	2020286301	Wanzl GmbH & Co. KGaA
2020204201	Gold-Joint Industry Co., Ltd.	2020286302	Dana-Farber Cancer Institute, Inc.
2020204206	Liebherr Mining Equipment Newport News Co.	2020286304	Impossible Foods Inc.
		2020286306	Solar Mosaic, Inc.
		2020286308	Quantum-Si Incorporated
		2020286310	Vallejo, R.; Cedeno, D.; M. Benyamin, R.

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2020286311	Alnylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	2020289829	SPEX Engineering (UK) Limited
2020286314	The Scripps Research Institute	2020289831	Anterios, Inc.
2020286315	Recombinetics, Inc.	2020294213	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
2020286318	DIMITROFF, T.	2020294229	Regeneron Pharmaceuticals, Inc.
2020286321	Fisher & Paykel Healthcare Limited	2020294302	Samsung Electronics Co., Ltd.
2020286323	Precision BioSciences, Inc.		
2020286324	Alcon Inc.		
2020286325	The Board of Trustees of the Leland Stanford Junior University		
2020286330	Stryker European Holdings I, LLC		
2020286331	Chevron U.S.A. Inc.		
2020286332	Pharmacyclics LLC.		
2020286335	FITOUSSI, R.		
2020286339	Inhibikase Therapeutics, Inc.		
2020286340	Leica Biosystems Melbourne Pty Ltd		
2020286354	Arch Wood Protection, Inc.		
2020287970	X4 Pharmaceuticals (Austria) GmbH		
2020289715	Accenture Global Solutions Limited		
2020289716	Silk Road Medical, Inc.		
2020289717	Altech Chemicals Australia Pty Ltd		
2020289718	Myriota Pty Ltd		
2020289719	MediBeacon Inc.		
2020289720	Simplehuman, LLC		
2020289721	President and Fellows of Harvard College		
2020289724	Uncinate Joint, LLC		
2020289725	BRISTOL-MYERS SQUIBB COMPANY		
2020289729	Precision Planting LLC		
2020289730	Galera Labs, LLC		
2020289733	Avanir Pharmaceuticals, Inc.		
2020289735	The Climate Corporation		
2020289738	Novartis AG		
2020289739	The Board of Trustees of the Leland Stanford Junior University		
2020289740	RTC Industries, Inc.		
2020289741	RTC Industries, Inc.		
2020289742	Canon Kabushiki Kaisha		
2020289743	Research Triangle Institute		
2020289744	Google LLC		
2020289745	Advanced New Technologies Co., Ltd.		
2020289746	Boston Scientific Neuromodulation Corporation		
2020289748	Advanced New Technologies Co., Ltd.		
2020289750	Precision Biosciences, Inc.		
2020289752	Cook Regentec LLC		
2020289753	Chan, K.F.		
2020289755	ZeniMax Media Inc.		
2020289756	ZeniMax Media Inc.		
2020289758	Google LLC		
2020289763	Immatics Biotechnologies GmbH		
2020289764	Wright Medical Technology, Inc.		
2020289766	Kotobuki Tsushou Co., Ltd.		
2020289767	CBG Systems International Pty Ltd		
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2020289771	MORAN, O.A.		
2020289776	Gort-Barten, A.		
2020289777	Critical Care Diagnostics, Inc.		
2020289778	TechMah Medical LLC		
2020289785	Mahfouz, M.		
2020289786	Huawei Technologies Co., Ltd.		
2020289787	Emulate, Inc.; Cedars-Sinai Medical Center		
2020289788	LOON LLC		
2020289790	X Development LLC		
2020289793	Victaulic Company		
2020289797	Cleaven, A.		
2020289802	Pulmokine, Inc.; Gilead Sciences, Inc.		
2020289808	Nokia Solutions and Networks Oy		
2020289814	Victaulic Company		
2020289818	Mitsubishi Electric Corporation		
2020289822	Apple Inc.		
2020289823	Attabotics Inc.		
2020289825	FlipTix, Inc.		
2020289827	Lensar, Inc.		

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. (*) Title not in Roman characters

. (**) Title not given

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

<p>A., J.R. see Virmani, D. (21) 2020103341</p> <hr/> <p>(71) Aloxitec Pty Ltd. (11) AU-A-2020103360 (21) 2020103360 (22) 10.11.2020 (54) POROUS MATERIALS COMPRISING METAL OXIDES AND THE USE THEREOF (51) Int. Cl. A23B 7/00 (2006.01) B01J 20/02 (2006.01) B01J 20/284 (2006.01) C25D 11/02 (2006.01) C25D 11/26 (2006.01) C25D 11/34 (2006.01) (45) 21.01.2021 (62) 2019400944 (72) FANG, Jinghua (74) MINTER ELLISON</p> <hr/> <p>Anand, M. see Vignesh, C. (21) 2020102835</p> <hr/> <p>ANAND BALASUBRAMANIAN, K. see MURUGANANDAM, D. (21) 2020103338</p> <hr/> <p>Baruah, A. see Majhi, V. (21) 2020103336</p> <hr/> <p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (11) AU-A-2017101893 (21) 2017101893 (22) 22.05.2017 (54) Systems and methods for monitoring an on-demand service (51) Int. Cl. G06Q 10/04 (2012.01) (31) 201710039389.4 (32) 19.01.17 (33) CN (45) 21.01.2021 (72) Zhang, Beibei (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD. (11) AU-A-2019101777 (21) 2019101777 (22) 20.11.2019 (54) Systems and methods for determining information related to a current order based on historical orders (51) Int. Cl. G06Q 50/10 (2012.01)</p>	<p>(45) 21.01.2021 (62) 2016309857 (72) Zhang, Lingyu; Li, Xihua; Ding, Fan (74) Shelston IP Pty Ltd.</p> <hr/> <p>BHASKAR REDDY VANGALA, N. see MURUGANANDAM, D. (21) 2020103338</p> <hr/> <p>Bhatt, K. see Tewari, P. (21) 2020103332</p> <hr/> <p>(71) Bhola, S.; Pathak, G.; Nigade, J.; Nalawade, R.; Raskar, S.; More, D.; Dhoot, P. (11) AU-A-2020103331 (21) 2020103331 (22) 09.11.2020 (54) QUANTIFICATION PROCESS FOR ATTAINING SOCIAL INTEGRATION IN WORK ORGANIZATION (51) Int. Cl. G06Q 99/00 (2006.01) (45) 21.01.2021 (72) Bhola, Sarang Shankar; Pathak, Ganesh Pandit; Nigade, Jyoti Jayasingrao; Nalawade, Rishikesh Krishnaji; Raskar, Supriya Suresh; More, Datatray Popat; Dhoot, Priyanka Raunak (74) Sarang Shankar Bhola</p> <hr/> <p>(71) BostonGene Corporation (11) AU-A-2018102201 (21) 2018102201 (22) 12.06.2018 (54) Systems and methods for identifying cancer treatments from normalized biomarker scores (51) Int. Cl. G16H 50/70 (2018.01) G06F 16/28 (2019.01) (31) 62/598,440 (32) 13.12.17 (33) US 62/518,787 13.06.17 US (45) 21.01.2021 (72) Bagaev, Alexander; Frenkel, Feliks; Ataulakhanov, Ravshan (74) RnB IP Pty Ltd</p> <hr/> <p>C., R. see K.G.S., V. (21) 2020102836</p> <hr/> <p>(71) Carew-Hopkins, B. (11) AU-A-2020102644 (21) 2020102644 (22) 08.10.2020 (54) Online Artwork gallery Systems And Methods (51) Int. Cl. G06F 16/00 (2019.01) G06F 3/00 (2006.01)</p>	<p>G06Q 50/00 (2012.01) (45) 21.01.2021 (62) 2017231090 (72) Carew-Hopkins, Brian (74) Golja Haines & Friend</p> <hr/> <p>Chhimwal, N. see Tewari, P. (21) 2020103332</p> <hr/> <p>China National Tobacco Corporation Guangxi Zhuang Autonomous Region Branch see China Tobacco Hebei Industrial Co., Ltd. (21) 2020103355</p> <hr/> <p>(71) China Tobacco Hebei Industrial Co., Ltd.; Tobacco Research Institute of Chinese Academy of Agricultural Sciences; China National Tobacco Corporation Guangxi Zhuang Autonomous Region Branch (11) AU-A-2020103355 (21) 2020103355 (22) 10.11.2020 (54) PLANT PROTECTION UNMANNED AERIAL VEHICLE (51) Int. Cl. B64D 1/18 (2006.01) B64C 39/02 (2006.01) (31) 202011175773.5 (32) 23.10.20 (33) CN (45) 21.01.2021 (72) FENG, Yongxin; LIU, Dongyang; TAN, Hongxiang; GUAN, Hui; WANG, Jie; WEI, Xueping; JIANG, Lianqiang; JIN, Yanfeng (74) James & Wells Intellectual Property</p> <hr/> <p>(71) China University of Mining and Technology; Xuzhou ZhongKuang Langma Intelligent Technology Co.,LTD (11) AU-A-2020103346 (21) 2020103346 (22) 10.11.2020 (54) A novel underground grabbing and unloading manipulator suitable for narrow space of roadway (51) Int. Cl. E02F 9/14 (2006.01) E02F 3/30 (2006.01) E02F 9/10 (2006.01) (45) 21.01.2021 (72) Li, Aimin; Chen, Fei (74) Alder IP Pty Ltd</p> <hr/> <p>(71) China University of Mining and Technology; Xuzhou ZhongKuang Langma Intelligent Technology Co.,LTD (11) AU-A-2020103350 (21) 2020103350 (22) 10.11.2020</p>
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(54) An automatic inspection robot for coal mine belt conveyor

(51) Int. Cl.
B65G 43/02 (2006.01)
B65G 15/30 (2006.01)
G05D 3/10 (2006.01)

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H04B 11/00 (2006.01)
E21B 17/01 (2006.01)
H04B 13/02 (2006.01)

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A61L 27/44 (2006.01)
A61C 13/08 (2006.01)
A61F 2/44 (2006.01)
B33Y 70/10 (2020.01)
C08K 3/34 (2006.01)

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A61K 36/00 (2006.01)
A61K 35/00 (2006.01)
A61K 35/618 (2015.01)
A61K 35/62 (2006.01)
A61K 35/64 (2015.01)
A61K 35/646 (2015.01)
A61K 35/65 (2015.01)
A61K 36/02 (2006.01)
A61K 36/03 (2006.01)
A61K 36/074 (2006.01)
A61K 36/076 (2006.01)
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A41D 13/00 (2006.01)
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B60R 13/01 (2006.01)
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(51) Int. Cl.

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(11) AU-A-2020103351
(21) 2020103351 **(22)** 10.11.2020
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(51) Int. Cl.
A23L 2/84 (2006.01)
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(11) AU-A-2020103504
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G01F 1/704 (2006.01)
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C02F 3/30 (2006.01)
A01G 33/00 (2006.01)
C02F 3/20 (2006.01)
C02F 3/32 (2006.01)
C12M 1/12 (2006.01)
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CLDUIING ENAHNCED MOBILE COM-
MUNICATION SYSTEM WITH CON-
TEXT-BASED CONTACT SHARING
FUNCTIONALITY
(51) Int. Cl.
G06Q 10/06 (2012.01)
G06F 3/0484 (2013.01)
G06Q 10/00 (2012.01)
G06T 11/60 (2006.01)
G10L 15/26 (2006.01)
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A45F 5/02 (2006.01)
A44C 5/00 (2006.01)
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C12N 11/04 (2006.01)
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ICANUS BREEDING PROCESS
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gorithm.
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ation algorithm
(51) Int. Cl.
H04W 28/06 (2009.01)
H04L 29/00 (2006.01)
H04W 24/02 (2009.01)
H04W 40/04 (2009.01)
(45) 21.01.2021
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ive clustering strategy based on ele-
ment-wise distance over multitask net-
works.
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G06N 20/00 (2019.01)
G06F 17/10 (2006.01)
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sonal human care
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G01K 11/32 (2006.01)

G01K 13/00 (2006.01)

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(74) mdp Patent and Trade Mark Attorneys

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A01M 7/00 (2006.01)

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B02C 7/16 (2006.01)

A23K 50/80 (2016.01)

B01F 7/04 (2006.01)

B02C 18/16 (2006.01)

B02C 18/24 (2006.01)

B07B 1/34 (2006.01)

F16H 25/14 (2006.01)

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C05D 9/02 (2006.01)

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C07K 7/08 (2006.01)
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G06F 21/30 (2013.01)
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C09K 5/06 (2006.01)
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2020102066	R, H.; RATHOD, M.L.; VALSANGE, S.; MAHADEV, S.; S, C.; S, R.; MANDI, M.V.	2020103365	DUSA Pharmaceuticals, Inc.
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2020102659	Melton, S.	2020103368	Sichuan Agricultural University
2020102818	K, N.; G, S.; P, E.; S, S.; DHANAVATH, R.K.; T, S.	2020103504	Nanjing Forestry University; Jiangsu Alphy Bio-Technology Co., Ltd.,
2020102835	Vignesh, C.; Daniel, J.; Rajkumar, M.; Anand, M.; Manogaran, G.; Logamurthy, P.; Kannan, M.; Saranya, N.; Krishnan, P.; Katta, S.K.		
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2020103302	Sreenivasulu, G.; Prabhakar, T.; Madhavi, G.; J., S.; Madhavi, K.; Neerugatti, V.		
2020103329	Southwest University		
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2020103331	Bhola, S.; Pathak, G.; Nigade, J.; Nalawade, R.; Rasakar, S.; More, D.; Dhoot, P.		
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2020103333	Das, M.; Deka, S.		
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2020103336	Majhi, V.; Sinha, A.; Paul, S.; Kharwanniang, R.; Baruah, A.; Sumer, F.R.; Nongbri, J.P.; Wahlang, B.J.D.		
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2020103338	MURUGANANDAM, D.; JAYAPRIYA, J.; PRATHAPA REDDY, S.; BHASKAR REDDY VANGALA, N.; ANAND BALASUBRAMANIAN, K.; RAMAMURTHI, A.; SUNDERAJAN, N.; RADHAKRISHNAN, M.; PRAGHASH, K.; HUMCEN CO		
2020103339	The Third Hospital of Hebei Medical University		
2020103340	Guizhou Provincial Center for Disease Control and Prevention		
2020103341	Virmani, D.; Malghan, R.L.; M. C., K.R.; Pattanaik, B.; Pattanaik, M.; Yadavalli, P.K.; Gupta, C.; T. P., S.K.; Subramani, T.; G. N., N.K.; Ganesh, N.; A., J.R.		
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No IPC Mark

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 (51) Int. Cl.
 B01D 53/86 (2006.01)
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 G01F 23/00 (2006.01)
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A23L 33/105 (2016.01)
A61K 36/63 (2006.01)
A61P 3/10 (2006.01)
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 (51) Int. Cl.

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A61Q 17/04 (2006.01)
C07D 239/70 (2006.01)
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A61Q 19/00 (2006.01)
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(21) 2019320981 **(22)** 17.07.2019
(54) Method for operating a microwave device
(51) Int. Cl.
H05B 6/68 (2006.01)
(87) WO2020/035251
(31) 18189160.7 **(32)** 15.08.18 **(33)** EP
(43) 20.02.2020
(72) DE ANGELIS, Andrea
(74) Halfords IP
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(11) AU-A-2019308467
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(54) Control of vehicle-carried warning system through controller area network (CAN) communications of global variables processed as operands of behavioral equations
(51) Int. Cl.
H04L 12/40 (2006.01)
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 CHRISTOPHERSON, Dustin
(74) Spruson & Ferguson
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(21) 2019289110 **(22)** 14.06.2019
(54) GIP/GLP1 agonist compositions
(51) Int. Cl.
A61K 47/02 (2006.01)
A61K 38/00 (2006.01)
A61K 38/16 (2006.01)
A61K 47/10 (2017.01)
A61P 3/10 (2006.01)
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(54) Selective estrogen receptor degraders
(51) Int. Cl.
C07D 491/052 (2006.01)
A61K 31/436 (2006.01)
A61P 35/00 (2006.01)
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(31) 62/825,172 **(32)** 28.03.19 **(33)** US
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(72) COHEN, Jeffrey Daniel; SALL, Daniel Jon
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(54) Systems and methods for remote prescription of medication-dosing regimens
(51) Int. Cl.
G16H 20/17 (2018.01)
G16H 40/63 (2018.01)
G16H 50/20 (2018.01)
G16H 80/00 (2018.01)
(87) WO2020/023289
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(74) WRAYS PTY LTD
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- (71)** Eli Lilly and Company
(11) AU-A-2019309796
(21) 2019309796 **(22)** 22.07.2019
(54) Methods of using a GIP/GLP1 co-agonist for therapy
(51) Int. Cl.
A61P 1/16 (2006.01)
A61K 38/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 9/10 (2006.01)
A61P 13/12 (2006.01)
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(31) 62/702,061 **(32)** 23.07.18 **(33)** US
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 (51) Int. Cl.
G01C 21/32 (2006.01)
G05D 1/02 (2020.01)
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 (72) APPELMAN, Dina; COHEN, Ofir
 (74) Davies Collison Cave Pty Ltd

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 (21) 2019279092 (22) 03.06.2019
 (54) Dilution device and method of use
 (51) Int. Cl.
A61M 25/10 (2013.01)
A61F 2/958 (2013.01)
A61M 25/00 (2006.01)
A61M 29/00 (2006.01)
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 (51) Int. Cl.
A61B 5/00 (2006.01)
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 (21) 2019278912 (22) 27.05.2019
 (54) Process and device for producing synthetic flagstones
 (51) Int. Cl.
B28B 3/12 (2006.01)
B28B 1/00 (2006.01)
B28B 13/02 (2006.01)
B29C 67/24 (2006.01)
B30B 15/30 (2006.01)
 (87) WO2019/227114
 (31) A 50433/2018 (32) 28.05.18 (33) AT
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 (72) HORVATH, Wolfgang Johann
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 (11) AU-A-2019325569
 (21) 2019325569 (22) 22.08.2019
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 (51) Int. Cl.

H04L 29/06 (2006.01)
G06F 21/60 (2013.01)
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 (72) ROSINZONSKY, Edward; LI, Danjue
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2018427766 (22) 15.06.2018
 (54) Absorbent article comprising microencapsulated phase change material and method of applying phase change material to an absorbent article
 (51) Int. Cl.
A61F 13/84 (2006.01)
A61K 8/11 (2006.01)
A61L 15/42 (2006.01)
 (87) WO2019/240642
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 (72) PALMQVIST, Lisa; KNÖS, Anna; BLOMSTRÖM, Philip
 (74) Griffith Hack

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 (11) AU-A-2018427767
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 (54) Absorbent article comprising microencapsulated phase change material and method of applying phase change material to an absorbent article
 (51) Int. Cl.
A61F 13/84 (2006.01)
A61K 8/11 (2006.01)
A61L 15/42 (2006.01)
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 (72) PALMQVIST, Lisa; KNÖS, Anna; BLOMSTRÖM, Philip
 (74) Griffith Hack

(71) Essity Hygiene and Health Aktiebolag
 (11) AU-A-2018427768
 (21) 2018427768 (22) 15.06.2018
 (54) Absorbent article comprising a skin beneficial agent and an ink composition, and method for printing a material layer of an absorbent article
 (51) Int. Cl.
A61F 13/15 (2006.01)
A61F 13/84 (2006.01)
A61K 8/11 (2006.01)
A61L 15/42 (2006.01)
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 (72) PALMQVIST, Lisa; KNÖS, Anna; ALM, Leif; EKNESTEDT, Claes
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 (11) AU-A-2018428376
 (21) 2018428376 (22) 20.06.2018
 (54) Shaped permeable material composite for use in an absorbent article
 (51) Int. Cl.

A61F 13/51 (2006.01)
A61F 13/537 (2006.01)
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 (54) Wireless power receiver circuits that provide constant voltage or current to an electrical load, and methods
 (51) Int. Cl.
H02J 50/12 (2016.01)
H01F 38/14 (2006.01)
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 (31) 16/023,925 (32) 29.06.18 (33) US
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 (72) MOFFATT, Robert A.; YEN, Jeffrey J.
 (74) James & Wells Intellectual Property

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 (21) 2019279856 (22) 29.05.2019
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 (51) Int. Cl.
A61K 38/17 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
 (87) WO2019/232037
 (31) 62/826,088 (32) 29.03.19 (33) US
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 (43) 05.12.2019
 (72) WALLACH, Todd; GLEDHILL, John; ST.CLAIR, Richard; BRAND, Elizabeth
 (74) Shelston IP Pty Ltd.

(71) Evonik Operations GmbH
 (11) AU-A-2019272745
 (21) 2019272745 (22) 21.05.2019
 (54) Method for preparing keto-functionalized aromatic (meth)acrylates
 (51) Int. Cl.
C07C 67/08 (2006.01)
C07C 69/54 (2006.01)
C07C 231/02 (2006.01)
C07C 233/33 (2006.01)
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 (31) 18173839.4 (32) 23.05.18 (33) EP
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 (72) BLEITH, Tim; KRILL, Steffen; SCHÜTZ, Thorben; SAAL, Doris; TRESKOW, Marcel
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 (51) Int. Cl.
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C07D 317/38 (2006.01)
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 (31) 18176920.9 (32) 11.06.18 (33) EP
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 (74) AJ PARK
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 (11) AU-A-2019315814
 (21) 2019315814 (22) 17.07.2019
 (54) Fluid saturation model for petrophysical inversion
 (51) Int. Cl.
G01V 99/00 (2009.01)
G01V 1/30 (2006.01)
 (87) WO2020/028046
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 (21) 2019300324 (22) 11.07.2019
 (54) Oligonucleotides for modulating RTEL1 expression
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
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 (31) 18183477.1 (32) 13.07.18 (33) EP
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 (21) 2019298962 (22) 20.06.2019
 (54) Production and separation of milk fractions with forward osmosis
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A23C 9/142 (2006.01)
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 (31) 62/693,480 (32) 03.07.18 (33) US
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- (43) 09.01.2020
 (72) UR REHMAN, Shakeel; DOELMAN, Timothy P.; MCCLOSKEY, Michael J.; O'BRIEN, Keely
 (74) Phillips Ormonde Fitzpatrick
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- (71) Faraday Pharmaceuticals, Inc.; Fred Hutchinson Cancer Research Center
 (11) AU-A-2019282820
 (21) 2019282820 (22) 07.06.2019
 (54) Use of halogen compounds for the treatment and prevention of tissue injury and post-intensive care syndrome
 (51) Int. Cl.
A61K 33/00 (2006.01)
A61K 33/04 (2006.01)
A61K 33/18 (2006.01)
 (87) WO2019/237065
 (31) 62/682,574 (32) 08.06.18 (33) US
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 (72) HILL, Stephen A.; ROTH, Mark B.; LANGSTON, John W.; MORRISON, Michael L.; IWATA, Akiko; INSKO, Michael Andrew
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 (11) AU-A-2019286812
 (21) 2019286812 (22) 11.06.2019
 (54) System and method for distressing braces by incorporation of, or substitution by, improved filler material
 (51) Int. Cl.
E01D 22/00 (2006.01)
E01D 11/04 (2006.01)
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 (11) AU-A-2019298254
 (21) 2019298254 (22) 02.07.2019
 (54) Tightly spaced flat sheet immersed membranes and fine bubble aeration
 (51) Int. Cl.
B01D 65/04 (2006.01)
B01D 63/08 (2006.01)
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 (31) 62/693,617 (32) 03.07.18 (33) US
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- (71) Fike Corporation
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 (21) 2019297345 (22) 03.07.2019
 (54) Rupture disc having stress concentrating feature
 (51) Int. Cl.
F16K 17/16 (2006.01)
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- B23C 3/34* (2006.01)
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 (21) 2019298839 (22) 26.06.2019
 (54) A composite textile cushion
 (51) Int. Cl.
A61M 16/06 (2006.01)
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 (31) 62/694,382 (32) 05.07.18 (33) US
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 (74) Catalyst Intellectual Property
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- (71) Floating Energy Systems Limited
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 (21) 2019273757 (22) 22.05.2019
 (54) Wind turbine and method for installing a wind turbine
 (51) Int. Cl.
B63B 41/00 (2006.01)
F03D 13/25 (2016.01)
B63B 35/44 (2006.01)
 (87) WO2019/224535
 (31) 1808375.8 (32) 22.05.18 (33) GB
 (43) 28.11.2019
 (72) ROSS, Gary
 (74) FB Rice Pty Ltd
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- (71) Foogal, Inc.
 (11) AU-A-2019280577
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 (54) Utility token-based systems and methods
 (51) Int. Cl.
H04L 9/08 (2006.01)
G06Q 20/04 (2012.01)
G06Q 20/06 (2012.01)
G06Q 20/08 (2012.01)
 (87) WO2019/236426
 (31) 62/680,526 (32) 04.06.18 (33) US
 (43) 12.12.2019
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- (71) Forescout Technologies, Inc.
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 (21) 2019295458 (22) 07.06.2019
 (54) Dynamic segmentation management
 (51) Int. Cl.
H04L 29/06 (2006.01)
H04W 12/00 (2009.01)
G06F 21/55 (2013.01)
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 (74) Michael Buck IP

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 (54) Negative electrodes for electrochemical cells
 (51) Int. Cl.
 H01M 4/24 (2006.01)
 H01M 4/04 (2006.01)
 H01M 4/06 (2006.01)
 H01M 4/26 (2006.01)
 H01M 4/38 (2006.01)
 H01M 4/62 (2006.01)
 H01M 12/06 (2006.01)
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- (71) Freo2 Pty Ltd
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 (21) 2019300935 (22) 09.07.2019
 (54) Methods, apparatus and systems for concentrating a gas
 (51) Int. Cl.
 B01D 53/047 (2006.01)
 (87) WO2020/010392
 (31) 2018902489 (32) 09.07.18 (33) AU
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 (72) PEAKE, David Joseph; RASSOOL, Roger Paul
 (74) Churchill Attorneys
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 (54) Compound and use thereof in synthesis of brivaracetam intermediate and crude drug
 (51) Int. Cl.
 C07D 307/33 (2006.01)
 C07D 207/27 (2006.01)
 C07D 307/93 (2006.01)
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- (54) Wallet
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 A45C 1/06 (2006.01)
 A45C 11/18 (2006.01)
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 (72) CAMPAIN, Ben; CAMPAIN, Peter
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- (71) Galapagos NV
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 (21) 2019273664 (22) 23.05.2019
 (54) Methods for the treatment of psoriatic arthritis
 (51) Int. Cl.
 A61K 31/541 (2006.01)
 A61P 17/06 (2006.01)
 A61P 19/02 (2006.01)
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- (71) Galapagos NV; MorphoSys AG
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 (21) 2019297658 (22) 02.07.2019
 (54) High concentration liquid antibody formulations
 (51) Int. Cl.
 C07K 16/24 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)
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 (21) 2019289009 (22) 16.05.2019
 (54) Tensioner
 (51) Int. Cl.
 F16H 7/08 (2006.01)
 F16H 7/12 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick
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 (21) 2019302669 (22) 11.07.2019
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 (51) Int. Cl.
 H01M 4/52 (2010.01)
- C01G 53/06 (2006.01)
 H01M 10/30 (2006.01)
 (87) WO2020/014446
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 (72) GÉNIN, François; GÉNIN, Jean-Marie
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 (11) AU-A-2019297494
 (21) 2019297494 (22) 04.07.2019
 (54) Propulsion system for carts type vehicles by using a self-balancing scooter coupled by means of an articulated structure
 (51) Int. Cl.
 B62K 11/00 (2013.01)
 A61G 5/04 (2013.01)
 (87) WO2020/008018
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 (74) Alder IP Pty Ltd
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 (11) AU-A-2019275109
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 (51) Int. Cl.
 C12N 9/16 (2006.01)
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 (54) Computer vision systems and methods for modeling three dimensional structures using two-dimensional segments detected in digital aerial images
 (51) Int. Cl.
 G06K 9/20 (2006.01)
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 (87) WO2020/006551
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 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2019291967
 (21) 2019291967 (22) 01.07.2019
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G01N 27/00 (2006.01)
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 (54) Network configuration method and communication device
 (51) Int. Cl.
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 (51) Int. Cl.
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 (51) Int. Cl.
 C12N 5/0775 (2010.01)
 A61K 35/32 (2015.01)
 A61K 35/545 (2015.01)
 A61P 19/02 (2006.01)
 A61P 19/04 (2006.01)
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 B01J 20/24 (2006.01)

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 tem comprising same, and use method
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G01N 21/01 (2006.01)
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 the eye
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A61K 36/75 (2006.01)
A61K 31/00 (2006.01)
A61K 35/74 (2015.01)
A61K 36/28 (2006.01)
A61K 36/48 (2006.01)
A61K 36/54 (2006.01)
A61P 27/00 (2006.01)
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A61P 27/00 (2006.01)
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A61K 31/21 (2006.01)
A61K 35/74 (2015.01)
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A61K 36/54 (2006.01)
A61K 36/75 (2006.01)
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A61K 36/064 (2006.01)
A61P 27/00 (2006.01)
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 the eye
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A61P 27/00 (2006.01)
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 the eye
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 agent therapeutic method using in-
 duced lymphocyte
(51) Int. Cl.
C12N 15/62 (2006.01)
A61K 39/395 (2006.01)
A61P 37/02 (2006.01)
A61P 37/06 (2006.01)
A61P 37/08 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/078 (2010.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
C12P 21/08 (2006.01)
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 tolerance produced using cell mixture
 having complexed state, and induced
 lymphocyte or cell therapeutic agent

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A61K 35/17 (2015.01)
A61P 37/06 (2006.01)
A61P 37/08 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
C12Q 1/02 (2006.01)
C12Q 1/686 (2018.01)
C12Q 1/6876 (2018.01)
G01N 33/15 (2006.01)
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A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61K 39/35 (2006.01)
A61K 39/36 (2006.01)
A61K 39/395 (2006.01)
A61P 37/06 (2006.01)
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- (51) Int. Cl.
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
G01N 33/574 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/0215 (2006.01)
A61B 5/026 (2006.01)
A61B 8/06 (2006.01)
A61M 25/00 (2006.01)
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A61P 35/00 (2006.01)
C07J 31/00 (2006.01)
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F25D 17/04 (2006.01)
F25D 29/00 (2006.01)
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A47K 10/32 (2006.01)
B65D 83/08 (2006.01)
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B32B 5/02 (2006.01)
B32B 3/30 (2006.01)
B32B 5/26 (2006.01)
B32B 38/06 (2006.01)
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G01J 5/10 (2006.01)
G08B 21/24 (2006.01)
A47K 5/06 (2006.01)
A47K 10/32 (2006.01)
G06Q 10/06 (2012.01)
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D21H 19/12 (2006.01)
D21H 19/22 (2006.01)
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A61F 13/514 (2006.01)
B41J 2/04 (2006.01)
D04H 1/56 (2006.01)
H05H 1/48 (2006.01)
B41M 5/50 (2006.01)
C09D 11/30 (2014.01)
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C11D 1/28 (2006.01)
C11D 1/04 (2006.01)
C11D 3/20 (2006.01)
C11D 7/26 (2006.01)
C11D 7/44 (2006.01)
C11D 17/00 (2006.01)
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A23G 1/00 (2006.01)
A23G 1/40 (2006.01)
A23G 1/48 (2006.01)
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A01N 1/02 (2006.01)
C12N 5/07 (2010.01)
C12N 5/071 (2010.01)
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C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
A61K 47/56 (2017.01)
A61K 47/60 (2017.01)
A61K 47/68 (2017.01)
A61K 50/00 (2006.01)
A61K 51/10 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
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C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
A61P 25/00 (2006.01)
C07K 16/18 (2006.01)
C07K 16/46 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 5/16 (2006.01)
C12N 15/62 (2006.01)
C12P 21/08 (2006.01)
G01N 33/53 (2006.01)
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F23D 14/26 (2006.01)
F23D 14/74 (2006.01)
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A61K 31/4406 (2006.01)
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A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
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C07K 16/28 (2006.01)
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C07D 403/06 (2006.01)
C07D 403/14 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
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C07D 491/04 (2006.01)
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A47F 3/04 (2006.01)
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F16K 15/02 (2006.01)
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G02B 21/14 (2006.01)
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C12P 19/34 (2006.01)
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 B60L 50/53 (2019.01)
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 C23C 24/10 (2006.01)
 F16C 29/04 (2006.01)
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B23P 5/00 (2006.01)
C23C 16/27 (2006.01)
F01L 1/04 (2006.01)
F01L 5/24 (2006.01)
F16H 53/06 (2006.01)
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G01F 11/26 (2006.01)
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2018288030	Sichuan Baili Pharm Co.Ltd	2019274591	Temple University-of The Commonwealth System of Higher Education; Lanckenau Institute Of Medical Research
2018423492	Revaissant (Shenzhen) Biosciences Co., Ltd.		
2018424456	Agthia	2019274649	CSL Behring AG
2018424685	Shandong University of Science and Technology	2019274815	Kashiv Biosciences, LLC
2018425665	Motion Metrics International Corp.	2019274825	Spovum Technologies Private Limited
2018426345	Dow Global Technologies LLC; Rohm and Haas Company	2019275072	Gritstone Oncology, Inc.
		2019275109	Genzyme Corporation
2018426503	Hanyi Bio-Technology Company Ltd.	2019275125	Seres Therapeutics, Inc.
2018427068	Research Institute of Industrial Science & Technology	2019275411	Boston Scientific Neuromodulation Corporation
2018427184	K.J. Manufacturing Co.	2019275435	Kyoto University
2018427289	Huawei Technologies Co., Ltd.	2019275727	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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2018427955	Samsonite IP Holdings S. À R.L.	2019276048	Orphazyme A/S
2018428376	Essity Hygiene and Health Aktiebolag	2019276067	Mölnlycke Health Care AB
2018428381	Hayashi, L.	2019276360	Algentech SAS
2018428384	6K Inc.	2019276370	Algentech SAS
2018428450	JATT PTE. LTD.	2019276583	NTT Security Corporation
2018429147	Kimberly-Clark Worldwide, Inc.	2019276585	safeBVM Corp.
2018429284	Huawei Technologies Co., Ltd.	2019276640	MUSC Foundation for Research Development; Van Andel Research Institute
2018430735	Holcim (Australia) Pty Ltd		
2018431113	Honda Motor Co., Ltd.	2019276708	Rapiddeploy, Inc.
2018431586	Synthis Therapeutics, Inc	2019276713	Direct Biologics LLC; MOSELEY, T.A.; PETTINE, K.A.
2018431640	N.V. Nutricia	2019276775	Vivarail Ltd
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2018431941	Jiangmen iGuarder Electronic Co., Ltd.	2019276939	Orion Biotechnology Switzerland Sàrl
2018432700	Mitsubishi Electric Corporation	2019276992	Inspire Medical Systems, Inc.
2018433740	Mitsubishi Electric Corporation	2019276993	Inspire Medical Systems, Inc.
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2018434702	Micro Motion, Inc.	2019277064	SentiAR, Inc.
2018439310	ELTA Systems Ltd.	2019277094	Bristol-Myers Squibb Company
2018440465	GL One Co., Ltd.	2019277181	Alpha Tech Research Corp
2018440914	Mitsubishi Electric Corporation	2019277199	BILSTON, L.; BURKE, P.
2018441289	Mitsubishi Electric Corporation	2019277266	GrainTech Innovation Pty Ltd
2018443387	Weichai Power Co., Ltd.	2019277270	SAS Systems Australia Pty Ltd
2018446266	BY-HEALTH Co., Ltd.	2019277273	Concave Global Pty Ltd
2018446538	BY-HEALTH Co., Ltd.	2019277362	Mayne Pharma International Pty Ltd
2018454873	Asics Corporation	2019277372	Ptc Therapeutics Mp, Inc.
2019261761	Viatick Pte. Ltd.	2019277382	PTC Therapeutics Mp, Inc.
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		2019277464	Inspire Medical Systems, Inc.
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2019280295	Suzhou Oulit Biopharm Co., Ltd	2019287988	Angel Playing Cards Co., Ltd.
2019280305	Shanghai Tolo Biotechnology Company Limited	2019288291	Research Institute at Nationwide Children's Hospital
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2019280994	Saphyre, Inc.	2019288827	IROA Technologies, LLC
2019281306	Ningbo Fotile Kitchen Ware Co., Ltd	2019288830	Gerhardt, E.
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2019282169	Sidero Bioscience, LLC	2019289097	ELC Management LLC
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2019285827	Hunt Developments (UK) LTD.; Imperial College Innovations Limited	2019291251	Commissariat a L'energie Atomique et aux Energies Alternatives; Centre National de la Recherche Scientifique; Universite de Lille
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2019286812	FCC Construcción, S.A.	2019291363	BSH Hausgeräte GmbH
2019286909	Caterpillar Global Mining Europe GmbH	2019291371	BSH Hausgeräte GmbH
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2019291825	Shaw Industries Group, Inc.	2019296313	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019291855	PRC-DeSoto International, Inc.	2019296496	Ribouleau Monosem
2019291941	Wm. Wrigley Jr. Company	2019296895	Clariant International Ltd; SACHEM Europe B.V.
2019291965	Geomni, Inc.	2019296945	Thule Sweden AB
2019291967	Geomni, Inc.	2019297033	Aliaxis R&D S.A.S
2019292164	Lygos, Inc.	2019297036	Aliaxis R&D S.A.S
2019292250	Kyungdong Navien Co., Ltd.	2019297042	SWM Luxembourg Sarl
2019292332	Council of Scientific and Industrial Research	2019297054	Silony Medical International AG
2019292576	PrinterLogic, Inc.	2019297153	Translational Research Institute Pty Ltd as trustee for Translational Research Institute Trust
2019292987	HeVaTech	2019297199	YIP, R.
2019293043	Resynergi, Inc.	2019297206	GILBERT, M.
2019293044	Mansell, J.	2019297225	Liu, S.
2019293046	Nokia Solutions and Networks Oy	2019297345	Fike Corporation
2019293104	Hitachi, Ltd.	2019297353	Smith & Nephew, Inc.; Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew Orthopaedics AG
2019293106	Hitachi, Ltd.	2019297400	Bayer Aktiengesellschaft
2019293162	Nicoventures Trading Limited	2019297401	Bayer Aktiengesellschaft
2019293163	Imperial College Innovations Limited	2019297402	Bayer Aktiengesellschaft
2019293273	Kimberly-Clark Worldwide, Inc.	2019297436	Advanced Solutions Life Sciences, LLC
2019293380	Caffemotive Srl	2019297439	Aquedon Medical, Inc.
2019293409	Nippon Telegraph and Telephone Corporation	2019297489	Les Laboratoires Servier; Vernalis (R&D) Limited
2019293511	Universita' Degli Studi di Firenze	2019297494	GENIUS EMOBILITY SYSTEMS S.L.
2019293530	Kangwon National University University-Industry Co-operation Foundation	2019297498	Bayer Aktiengesellschaft
2019293589	Alector LLC	2019297658	Galapagos NV; MorphoSys AG
2019293615	Itron Global SARL	2019297911	Sapporo Medical University; Nipro Corporation
2019293831	Two Cells Co., Ltd.	2019298222	Cytec Industries Inc.
2019293852	Abloy Oy	2019298235	Enzyvant Therapeutics GmbH
2019294083	Suzhou Mednes Pharma Tech Co., Ltd.	2019298236	Madrigal Pharmaceuticals, Inc.
2019294110	Boston Scientific Neuromodulation Corporation	2019298237	Cytec Industries, Inc.
2019294221	Kason Industries, Inc.	2019298254	Fibracast LTD.
2019294451	TDC International AG	2019298259	Global Analyzer Systems Limited
2019294478	PTC Therapeutics, Inc.	2019298263	Institut National De La Recherche Scientifique; University of Saskatchewan
2019294482	PTC Therapeutics, Inc.	2019298306	Bayer Animal Health GmbH
2019294490	ConMed Corporation	2019298314	ABB Schweiz AG
2019294510	ImmunoGen, Inc.; MacroGenics, Inc.	2019298538	Nippon Telegraph and Telephone Corporation
2019294687	Itron Global SARL	2019298839	Fisher & Paykel Healthcare Limited
2019294699	The Johns Hopkins University	2019298961	Canon, S.
2019294705	Ribonova Inc	2019298962	Fairlife, LLC
2019294820	Kimberly-Clark Worldwide, Inc.	2019299067	Heritage Research Group
2019295120	Arla Foods Amba	2019299241	Monsanto Technology LLC
2019295133	Arla Foods Amba	2019299318	Merck Patent GmbH
2019295277	Kyowa Kirin Co., Ltd.; Kagoshima University	2019299334	Presidio Medical, Inc.
2019295279	Kyowa Kirin Co., Ltd.; Kagoshima University	2019299339	Leidos, Inc.
2019295280	Unicharm Corporation	2019299347	The General Hospital Corporation; AZTherapies, Inc.
2019295395	Technische Universität Wien	2019299426	Green Mountain Mechanical Design, Inc.
2019295409	Peter MacCallum Cancer Institute	2019299439	Sotio, LLC
2019295412	Australian Institute of Robotic Orthopaedics Pty Ltd	2019299440	Trimed, Incorporated
2019295413	Saluda Medical Pty Limited	2019299445	Hasbro, Inc.
2019295416	Quatius Technology (China) Limited	2019299455	Landos Biopharma, Inc.
2019295423	Breville Pty Limited	2019299724	Seal and Pack Co., LTD
2019295445	Itron, Inc.	2019299883	Promax Industries Aps
2019295458	Forescout Technologies, Inc.	2019299919	Creo Medical Limited
2019295486	Itron, Inc	2019299952	Eli Lilly and Company
2019295489	Aquaculture Evolution Inc.	2019299964	Baxalta Incorporated; Baxalta GmbH
2019295521	ConMed Corporation	2019300100	Abivax; Centre National de la Recherche Scientifique; Universite de Montpellier; Institut Curie
2019295522	Uniarmour LLC	2019300101	Abivax; Centre National De La Recherche Scientifique; Universite De Montpellier; Institut Curie
2019295557	Harsco Technologies LLC	2019300102	Abivax; Centre National De La Recherche Scientifique; Universite de Montpellier; Institut Curie
2019295623	UOP LLC	2019300106	Abivax; Centre National de la Recherche Scientifique; Universite de Montpellier; Institut Curie
2019295631	Amazon Technologies, Inc.	2019300109	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
2019295692	Tempur World, LLC	2019300158	Stepan Company
2019295713	Juul Labs, Inc.	2019300220	Xeros Limited
2019295729	Board of Regents of the University of Texas System	2019300324	F. Hoffmann-La Roche AG
2019295730	Etherdyne Technologies, Inc.	2019300344	S.A. Lhoist Recherche et Developpement
2019295763	Blade Therapeutics, Inc.	2019300351	Hypericum LifeScience GmbH
2019295765	Proteostasis Therapeutics, Inc.		
2019295770	CoolSystems, Inc.		
2019295782	Aquacycl LLC		
2019295788	915 Labs, LLC		
2019296091	Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences		
2019296118	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.		
2019296308	Huawei Technologies Co., Ltd.		

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2019300528	Tyco Fire Products LP	2019312119	ASSIA SPE, LLC
2019300862	Itron, Inc	2019312145	Contech Engineered Solutions LLC
2019300935	Freo2 Pty Ltd	2019312481	DSM IP Assets B.V.
2019300937	Quatius Technology (China) Limited	2019312584	Crown Equipment Corporation
2019301069	Hyprotek, Inc.	2019312882	Autolus Limited
2019301070	Precigen, INC.	2019313330	XR Downhole, LLC
2019301133	Raytheon Company	2019314265	XR Downhole, LLC
2019301134	Trevi Therapeutics, Inc.	2019314570	See, D.
2019301147	Precigen, Inc.	2019314897	Huawei Technologies Co., Ltd.
2019301271	CHAPLIN, S.R.F.	2019315330	Pharmaxis Ltd.
2019301272	Netmaster Solutions Ltd	2019315375	XR Downhole, LLC
2019301479	American Express Travel Related Services Company, Inc.	2019315406	Geron Corporation
2019301577	RBH Engineering Pty Ltd	2019315814	Exxonmobil Upstream Research Company
2019301627	Itron, Inc.	2019315833	XR Downhole, LLC
2019301682	Star Mesh LLC	2019316093	Electrolux Appliances Aktiebolag
2019301692	InnovaTech, LLC	2019316164	Amgen Research (Munich) GmbH; Amgen Inc.
2019301735	PerkinElmer Health Sciences, Inc.	2019316247	V. Orlandi S.p.A.
2019301805	Consejo Superior De Investigaciones Cientificas (CSIC); Servicio Andaluz de Salud	2019316431	JCR Pharmaceuticals Co., Ltd.; Teijin Limited
2019301870	Cytenga GmbH	2019317273	Skyfinis INC.
2019301915	DePuy Synthes Products, Inc.	2019317324	Wu, Z.
2019301961	Precision Planting LLC	2019317728	Electrolux Appliances Aktiebolag
2019301967	Valtech Cardio, Ltd.	2019320981	Electrolux Appliances Aktiebolag
2019302176	National Institute for Materials Science; Nippon Zoki Pharmaceutical Co., Ltd.	2019321583	Eidos Therapeutics, Inc.
2019302533	PepsiCo, Inc.	2019321683	Dana-Farber Cancer Institute, Inc.
2019302552	Raytheon Company	2019323106	Andritz AG
2019302556	Raytheon Company	2019324038	Tokuyama Dental Corporation
2019302566	Quatius Technology (China) Limited	2019325331	Sage Products, LLC
2019302568	NewSouth Innovations Pty Limited	2019325569	Equinix, Inc.
2019302596	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019325570	Victaulic Company
2019302641	Boston Scientific Scimed, Inc.	2019326297	Huckvale, D.
2019302660	Qualcomm Incorporated	2019326389	Pro-Dex, Inc.
2019302669	GÉNIN, F.; GÉNIN, J.	2019326499	Jiangxi Reemooon Technology Holdings Co., Ltd.
2019302757	SightGlass Vision, Inc.	2019331368	Advanced Messaging Technologies, Inc.
2019303334	University of Limerick	2019332787	Pro-Dex, Inc.
2019303819	SITA Information Networking Computing UK Limited	2019341143	Shenzhen Noposion Agrochemicals Co., Ltd.
2019304216	Novartis AG	2019343251	Innovent Biologics (Suzhou) Co., Ltd.
2019304436	Schenck Process Europe GmbH	2019343906	TerraPower, LLC
2019304832	Hexapharmatec Co., Ltd.	2019344776	Alnylam Pharmaceuticals, Inc.
2019305487	Walker Digital Table Systems, LLC	2019344875	Innovent Biologics (Suzhou) Co., Ltd.
2019305813	Tokuyama Corporation	2019350780	ViaSat, Inc.
2019306046	Datamars SA	2019361309	Coradin SAS
2019306571	Dignity Health	2019367373	Gopalakrishnan, K.
2019306743	Underground Extraction Technologies Pty Ltd	2019369302	Illumina, Inc.
2019308089	D&D Pharmatech Inc.	2019369517	Illumina, Inc.
2019308467	Electronic Controls Company	2019371997	Qingdao University of Technology; Ningbo Sanhan Alloy Material Co., Ltd.
2019308822	Johnson & Johnson Vision Care, Inc.	2019384425	UD System Co., Ltd.
2019309430	Akzo Nobel Coatings International B.V.	2019385784	Shandong University of Science and Technology
2019309435	Sandoz AG	2019418268	Samsung Electronics Co., Ltd.
2019309604	S. C. Johnson & Son, Inc.	2019426605	Shandong University of Science and Technology; Taishan University
2019309706	AbbVie Inc.	2019427993	Soochow University
2019309779	Eli Lilly and Company	2019427994	China University of Mining and Technology; Anhui University of Science and Technology; Huaihai Institute of Technology
2019309796	Eli Lilly and Company	2019431997	ASICS Corporation
2019309856	Ab Initio Technology LLC	2019436651	A3 by Airbus, LLC
2019310339	Citrix Systems, Inc.	2019440174	China University of Mining and Technology; Xuzhou Fuan Technology Co., Ltd.
2019310592	Form Energy Inc.	2019441307	Longi Solar Technology (Taizhou) Co., Ltd.
2019311084	Laborie Medical Technologies Corp.	2019441820	Citrix Systems, Inc.
2019311231	Akzo Nobel Coatings International B.V.	2019444062	China University of Mining and Technology
2019311233	BioNTech RNA Pharmaceuticals GmbH; TRON - Translazionale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH	2019447663	Qingdao University of Technology; Inner Mongolia University for Nationalities
2019311295	Appario Global Solutions (AGS) AG	2019448362	Qingdao University of Technology; Inner Mongolia University for Nationalities
2019311338	Aqualand Industries Limited	2019452477	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
2019311806	Gripple Limited	2019452478	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
2019311846	Johnson & Johnson Vision Care, Inc.	2020210912	Illumina, Inc.
2019311848	Johnson & Johnson Surgical Vision, Inc.	2020224504	LG Chem, Ltd.
2019311849	Johnson & Johnson Vision Care, Inc.		
2019312110	S. C. Johnson & Son, Inc.		

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

2020230268 Canva Pty Ltd
2020230492 Qingdao University of Technology; Inner Mongolia University for Nationalities
2020233721 Cino Technology (Shenzhen) Limited
2020239614 BOE Technology Group Co., Ltd.; Beijing BOE Technology Development Co., Ltd.
2020244447 Jiangnan University
2020245655 Rovi Guides, Inc.
2020256218 Illumina, Inc.
2020257235 A-Dec, Inc.
2020264392 Coupang Corp.
2020270465 Johnson & Johnson Vision Care, Inc.
2020270474 Johnson & Johnson Vision Care, Inc.
2020270475 Johnson & Johnson Vision Care, Inc.
2020273364 China Coal Mine Engineering Co., Ltd.
2020286164 Omnicell, Inc.
2020294213 BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
2020296852 Illumina, Inc.
2020297515 Stryker Corporation
2020298079 Illumina, Inc.

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<u>A01C 1 /-</u>	<u>A01N 47 /-</u>	<u>A23L 27 /-</u>	<u>A45C 1 /-</u>	<u>A47K 5 /-</u>	<u>A61C 1 /-</u>
2019448362	2019341143	2019312481	2019289293	2019291809	2020257235
<u>A01C 5 /-</u>	<u>A01N 59 /-</u>	<u>A23L 29 /-</u>	<u>A45C 11 /-</u>	<u>A47L 11 /-</u>	<u>A61C 13 /-</u>
2019301271	2019277675	2019285277	2019289293	2019288659	2019324038
<u>A01C 7 /-</u>	<u>A01N 61 /-</u>	<u>A23L 3 /-</u>	<u>A45C 13 /-</u>	<u>A47L 9 /-</u>	<u>A61F 13 /-</u>
2019296496	2019276713	2019295788	2018427955	2019288675	2018427766
2019299241	<u>A01N 63 /-</u>	<u>A23L 33 /-</u>	<u>A45C 5 /-</u>	<u>A61B 1 /-</u>	2018427767
2019301271	2019288723	2018427745	2018427955	2019291777	2018427768
<u>A01G 7 /-</u>	2019300109	2018431640	<u>A45D 33 /-</u>	<u>A61B 10 /-</u>	2018428376
2019298263	<u>A01P 1 /-</u>	2018431641	2019282829	2019285827	2019270253
<u>A01K 11 /-</u>	2019297400	2018446266	<u>A45D 34 /-</u>	2019302641	2019276067
2019290027	2019297401	2018446538	2019282829	<u>A61B 17 /-</u>	2019294820
2019306046	2019297402	2019275125	<u>A45D 40 /-</u>	2019294490	2019295280
<u>A01K 25 /-</u>	<u>A01P 3 /-</u>	2019285375	2019282829	2019295521	<u>A61F 2 /-</u>
2019288830	2019341143	2019295120	<u>A45D 7 /-</u>	2019297054	2019277685
<u>A01K 31 /-</u>	<u>A01P 7 /-</u>	2019295133	2019283719	2019297353	2019279092
2019276713	2019273559	2019301805	<u>A47C 1 /-</u>	2019299440	2019280534
<u>A01K 61 /-</u>	<u>A23B 4 /-</u>	<u>A23L 5 /-</u>	2019275954	2019301915	2019295412
2019295489	2019278631	2019291941	<u>A47C 17 /-</u>	2019302641	2019297439
<u>A01K 63 /-</u>	<u>A23C 9 /-</u>	2019293380	2019295692	2019326389	2019301967
2019295489	2019298962	<u>A23P 10 /-</u>	<u>A47C 21 /-</u>	2019332787	<u>A61B 18 /-</u>
<u>A01K 67 /-</u>	<u>A23D 9 /-</u>	2019293380	2019295692	<u>A61B 18 /-</u>	<u>A61G 15 /-</u>
2019283621	2019301805	<u>A24F 47 /-</u>	<u>A47C 3 /-</u>	2019299919	2020257235
<u>A01M 29 /-</u>	<u>A23F 3 /-</u>	2019293162	2019300937	<u>A61B 3 /-</u>	<u>A61G 5 /-</u>
2019284291	2019288555	<u>A42B 3 /-</u>	2019302533	2019280447	2019275954
<u>A01N 1 /-</u>	<u>A23F 5 /-</u>	<u>A43B 13 /-</u>	2019302566	<u>A61B 34 /-</u>	2019282589
2019275435	2019288555	<u>A43B 23 /-</u>	<u>A47F 7 /-</u>	2019277064	2019285416
2019282111	2019293380	<u>A43B 23 /-</u>	2019302533	2019295412	2019285417
2019296895	<u>A23G 1 /-</u>	2019277273	<u>A47J 27 /-</u>	2019301915	2019297494
<u>A01N 25 /-</u>	2019285565	2019431997	2019295423	<u>A61B 5 /-</u>	<u>A61G 7 /-</u>
2019277675	<u>A23G 3 /-</u>	<u>A43B 5 /-</u>	<u>A47J 31 /-</u>	2019277587	2019285417
2019300109	2019291941	2019277273	2019288555	2019278953	2019325331
2019341143	<u>A23L 13 /-</u>	<u>A43B 7 /-</u>	2020233721	2019283410	<u>A61H 33 /-</u>
<u>A01N 37 /-</u>	2019278631	2019431997	<u>A47J 37 /-</u>	2019287661	2019298961
2019277675	<u>A23L 2 /-</u>	<u>A44C 21 /-</u>	2019280574	2019297153	<u>A61J 1 /-</u>
<u>A01N 43 /-</u>	2018427745	2019287988	<u>A47K 10 /-</u>	2019298235	2019301069
2019297400	2019295120	<u>A45B 23 /-</u>	2018429147	2019298961	2019361309
2019297401	2019295133	2019288938	2019291809	2020297515	<u>A61K 103 /-</u>
2019297402	2019312481	2019326297		<u>A61B 6 /-</u>	2019289884
				2019279459	2019289886
				<u>A61B 8 /-</u>	<u>A61K 31 /-</u>
				2019283410	2018424456
				<u>A61B 90 /-</u>	2018426503
				2019301915	2018431586
				2019302641	2018431640
				2019326389	2018431641

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2018446538	2019288683	<u>A61K 45 /-</u>		2019306571	2019272377
2019272377	2019288684		<u>A61L 15 /-</u>		2019274649
2019272961	2019295409	2019272961		<u>A61N 2 /-</u>	2019279372
2019273337	2019299439	2019282562	2018427766		2019282169
2019273559	2019299964		2018427767	2019277199	2019289788
2019273664	2019301147	<u>A61K 47 /-</u>	2018427768		2019293044
2019274815	2019311846			<u>A61N 5 /-</u>	2019293589
2019276832	2019311848	2018275368		2019271227	2019294478
2019277382	2019316431	2018288029	<u>A61L 27 /-</u>	2019273122	2019294482
2019277660		2019272844		2019295277	2019295279
2019277836	<u>A61K 36 /-</u>	2019276832	2019280534	2019277199	2019295279
2019278013		2019277094	2020270465		2019295765
2019278014	2018446266	2019277836		<u>A61N 7 /-</u>	2019304832
2019278016	2018446538	2019289110	<u>A61L 9 /-</u>		
2019278017	2019285375	2019289884	2019312110	2019271227	<u>A61P 27 /-</u>
2019278018	2019301805	2019289886			
2019281584	2019308822	2019293044	<u>A61M 1 /-</u>	<u>A61P 1 /-</u>	2019308822
2019282562	2019311846	2019294510		2018446266	2019311846
2019283517	2019311848	2019295277	2019273870	2018446538	2019311848
2019285640	2019311849	2019297498		2019275125	2019311849
2019287537		2019299964	<u>A61M 11 /-</u>	2019276832	
2019287541	<u>A61K 38 /-</u>	2019300351	2019293162	2019278018	<u>A61P 29 /-</u>
2019289211		2019308089		2019281584	
2019289228	2018288029	2019321583	<u>A61M 15 /-</u>	2019285375	2018288029
2019289228	2018431586			2019295120	2019272377
2019289788	2019275072	<u>A61K 48 /-</u>	2019293162	2019295133	2019295277
2019290197	2019276939		2019295713	2019296091	2019295729
2019291111	2019277660	2019277199		2019298236	2019299455
2019293044	2019277836	2019288291	<u>A61M 16 /-</u>	2019299455	2019316431
2019293163	2019279372	2019315406		2019308089	
2019294083	2019279856		2019276585	2019309796	<u>A61P 3 /-</u>
2019294478	2019279883	<u>A61K 50 /-</u>	2019277685		
2019294482	2019288484		2019291777	<u>A61P 11 /-</u>	2018426503
2019294705	2019288723	2019295277	2019298839		2018446266
2019295763	2019289110			2019282562	2018446538
2019295765	2019295120	<u>A61K 51 /-</u>	<u>A61M 25 /-</u>	2019289228	2019278013
2019296091	2019295133			2019291111	2019278014
2019296118	2019295729	2019289884	2019279092	2019296091	2019278016
2019296895	2019299318	2019289886	2019283410	2019315330	2019278017
2019297489	2019299439	2019294699	2019291777		2019278018
2019298236	2019301070	2019295277	2019302641	<u>A61P 13 /-</u>	2019281584
2019298306	2019308089		2019303334		2019287537
2019299318	2019309796	<u>A61K 8 /-</u>		2018446266	2019289110
2019299347	2019311233		<u>A61M 29 /-</u>	2018446538	2019298236
2019299455	2019343251	2018427766		2019309796	2019299455
2019299952	2019344875	2018427767	2019277685	2019315330	2019301805
2019300100		2018427768	2019279092	2019344776	2019308089
2019300101	<u>A61K 39 /-</u>	2019280295			2019309796
2019300102		2019283719	<u>A61M 31 /-</u>	<u>A61P 17 /-</u>	2019344776
2019300106	2018288030	2019289094			
2019300324	2019272844	2019289095	2019279092		<u>A61P 31 /-</u>
2019301134	2019274649	2019289096		2019273664	
2019304832	2019275737	2019289097	<u>A61M 39 /-</u>	2019281584	
2019309435	2019277836	2019289211		2019296895	2019299455
2019309706	2019288635	2019296895	2019311084	2019299455	2019300100
2019311846	2019288684			2019301134	2019300101
2019311848	2019294510	<u>A61K 9 /-</u>	<u>A61M 5 /-</u>	2019315330	2019300102
2019315330	2019295277				2019300106
2019321583	2019295279	2019276832	2019277685	<u>A61P 19 /-</u>	2019343251
2019344776	2019295729	2019277382	2019289075		
	2019297498	2019278014	2019290140	2019273664	<u>A61P 33 /-</u>
<u>A61K 33 /-</u>	2019297498	2019278018	2019301069	2019283517	
	2019297658	2019282562		2019299455	2019273559
2019282169	2019299318	2019285719	<u>A61N 1 /-</u>	2019316431	2019298306
2019282820	2019311233	2019289211		2019344776	
	2019316164	2019289884	2019269735		<u>A61P 35 /-</u>
<u>A61K 35 /-</u>	2019343251	2019289886	2019272566	<u>A61P 21 /-</u>	
		2019293044	2019274427		2018288029
2019275125	<u>A61K 41 /-</u>	2019296895	2019275411	2019288291	2018288030
2019276713		2019297498	2019277464		2018423492
2019283517	2019300351	2019309435	2019287746	<u>A61P 25 /-</u>	2019272377
2019285375		2019315406	2019294110		2019273337
2019287483		2019321583	2019295413	2018446266	2019274815
			2019299334	2018446538	2019275737

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2019276939	2019325570		2019290663	<u>B30B 15/-</u>	<u>B60M 1/-</u>
2019277836		<u>B01J 19/-</u>			
2019281584	<u>A62C 37/-</u>		<u>B23C 3/-</u>	2019278912	2019276775
2019285640		2019293043			
2019289884	2019325570		2019297345	<u>B32B 1/-</u>	<u>B60P 3/-</u>
2019290197		<u>B01J 20/-</u>			
2019293530	<u>A63B 65/-</u>		<u>B23K 26/-</u>	2019294451	2019301577
2019293589		2020244447			
2019294083	2019314570		2019291038	<u>B32B 15/-</u>	<u>B60R 9/-</u>
2019294510		<u>B01J 21/-</u>			
2019295277	<u>A63B 67/-</u>		<u>B23P 5/-</u>	2019294451	2019296945
2019295409		2018428384			
2019297489	2019314570		2019315833	<u>B32B 27/-</u>	<u>B60W 30/-</u>
2019299439	<u>A63F 1/-</u>	<u>B01J 35/-</u>			
2019299455			<u>B23Q 11/-</u>	2019280870	2019312584
2019299952	2019305487	2018428384		2019294451	
2019301147		<u>B01L 3/-</u>	2020230492		<u>B61H 13/-</u>
2019311233	<u>B01D 17/-</u>		<u>B24B 57/-</u>	<u>B32B 3/-</u>	2019295557
2019315330		2020296852		2019278331	
2019343251	2019312145		2020230492	2019291760	<u>B61H 7/-</u>
2019344875	<u>B01D 21/-</u>	<u>B02C 17/-</u>	<u>B25B 23/-</u>	<u>B32B 38/-</u>	2019295557
<u>A61P 37/-</u>	2019312145	2019290532	<u>B25B 23/-</u>	<u>B32B 38/-</u>	2019295557
		<u>B02C 21/-</u>	2019326389	2019291760	<u>B61L 1/-</u>
2018288029	<u>B01D 29/-</u>				
2019272377		2019275965	<u>B25B 7/-</u>	<u>B32B 5/-</u>	2019304436
2019288635					
2019288683	2018430735		2019290027	2019291760	<u>B61L 27/-</u>
2019288684	2019285029	<u>B02C 25/-</u>		2019294451	
2019291111			<u>B25J 15/-</u>		2019304436
2019299455	<u>B01D 35/-</u>	2019275965		<u>B33Y 70/-</u>	<u>B61L 3/-</u>
2019316431			2019274825		
	2018430735	<u>B05B 1/-</u>		2019290663	2019304436
<u>A61P 7/-</u>	<u>B01D 36/-</u>	2019282031	<u>B25J 7/-</u>		
		2019309604		<u>B41J 2/-</u>	<u>B62B 3/-</u>
2019290134	2019285029		2019274825		
2019297498		<u>B05B 15/-</u>	<u>B26D 7/-</u>	2019294820	2019277417
	<u>B01D 46/-</u>				
<u>A61P 9/-</u>		2019282031	2019447663	<u>B41M 5/-</u>	<u>B62B 5/-</u>
	2019280464	2019309604		2019294820	
2018446266		<u>B05B 5/-</u>	<u>B27K 3/-</u>		2019277417
2018446538	<u>B01D 53/-</u>			<u>B60B 33/-</u>	<u>B62D 11/-</u>
2019272377		2020230492	2018440465		
2019278018	2018428384			2019282589	2019311338
2019309796	2019295623	<u>B07C 5/-</u>	<u>B27K 5/-</u>		
2019315330	2019300935			<u>B60D 1/-</u>	<u>B62D 55/-</u>
2019344776		2019275965	2018440465		
	<u>B01D 63/-</u>		<u>B28B 1/-</u>	2019316247	2019301577
<u>A61Q 17/-</u>		<u>B08B 1/-</u>			
	2019298254		2019278912	<u>B60H 3/-</u>	<u>B62K 11/-</u>
2019289094	<u>B01D 65/-</u>	2019277266			
2019289096			<u>B28B 13/-</u>	2019291293	2019297494
2019289097	2019298254	<u>B08B 9/-</u>			
2019296895			2019278912	<u>B60K 31/-</u>	<u>B63B 35/-</u>
	<u>B01D 67/-</u>	2019277266			
<u>A61Q 19/-</u>		2019277266	<u>B28B 3/-</u>	2019312584	2019273757
	2019291795	2019286118			2019317324
2019289095		2019289603	2019278912	<u>B60L 5/-</u>	
	<u>B01D 71/-</u>	<u>B09B 3/-</u>			<u>B63B 39/-</u>
<u>A61Q 5/-</u>			<u>B29C 63/-</u>	2019276775	
	2019291795	2020244447			2019277655
2019283719			2018431941	<u>B60L 50/-</u>	
<u>A62B 9/-</u>	<u>B01F 15/-</u>	<u>B22F 1/-</u>			<u>B63B 41/-</u>
			<u>B29C 65/-</u>	2019276775	
2019276585	2019277266	2019290663		<u>B60L 53/-</u>	2019273757
			2019297033		
<u>A62C 3/-</u>	<u>B01F 17/-</u>	<u>B22F 8/-</u>	2019297036	2019276775	<u>B65B 19/-</u>
2019300528	2019280295	2019290663	<u>B29C 67/-</u>	<u>B60L 9/-</u>	2019371997
<u>A62C 35/-</u>	<u>B01J 13/-</u>	<u>B22F 9/-</u>	2019278912	2019276775	<u>B65B 9/-</u>
2019300528	2019285277	2019280271			2019371997

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

B65D 1 /-	B66C 13 /-	C04B 2 /-	C07D 233 /-	C07D 403 /-	C07D 487 /-
2019280870	2019306743		2019295763	2019273337	2019273337
2019297199	B66F 17 /-	2019300344	C07D 235 /-	2019295763	2019277362
B65D 17 /-	2019312584	C07B 41 /-		2019295765	2019281584
		2019284962	2019294083	2019296091	2019289094
2019299724	B66F 9 /-		C07D 239 /-	2019298236	2019289095
		C07B 63 /-		2019298306	2019291111
B65D 43 /-	2019301577	2019284962	2019289094	2019300106	2019294478
	2019301692		2019289095	C07D 405 /-	2019294482
2018429147	2019312584	C07C 15 /-	2019300106	2019295763	2019296091
		2019299455	2019309706	2019295765	
B65D 47 /-	B67C 3 /-		C07D 241 /-	2019297489	2019301134
	2019282408	C07C 231 /-		2019300100	
2019297199		2019280689	2019280689	2019300106	C07D 491 /-
B65D 59 /-	B67D 3 /-		C07D 261 /-	C07D 407 /-	2019277372
	2019297199	2019272745	2019295763	2019295763	2019294478
2019295522		2019280295			2019295765
B65D 81 /-	B82Y 15 /-	C07C 233 /-	C07D 263 /-	C07D 409 /-	2019296091
	2019292332	2019272745	2019295763		2019299952
2019280870		2019280295		2019291111	C07D 495 /-
2019361309	B82Y 30 /-	C07C 317 /-	C07D 275 /-	2019295763	
	2019292332	2019315330	2019295763	2019297489	2019291111
B65D 83 /-				2019304832	2019294478
	C01B 13 /-	C07C 43 /-	C07D 277 /-	C07D 413 /-	2019296091
2018429147	2019302568	2019299455		2019291111	C07D 498 /-
2019297199		2019295763	C07D 285 /-	2019295763	
2019309604	C01B 3 /-	2019315330		2019296091	2019296091
B65G 1 /-	2019278631	C07C 67 /-	C07D 285 /-	2019297400	C07D 513 /-
		2019272745		2019297402	
2019280477	C01D 3 /-	2019298306	2019290197	2019297489	2019272377
B65G 15 /-	2018427068	C07C 69 /-	2019295763	2019300106	2019277362
	2019343906	2019272745	C07D 307 /-	C07D 417 /-	2019294482
2019282093		2019298306		2019290197	C07D 519 /-
B65G 17 /-	C01F 11 /-	C07D 207 /-	2019291703	2019291111	
	2019300344	2019291703	C07D 317 /-	2019294482	2019294478
2019297225				2019295763	2019294482
B65G 19 /-	C01F 5 /-	C07D 209 /-	2019284962	2019295765	C07H 21 /-
	2019300344	2019294083		2019296118	
2019286909		2019315330	C07D 333 /-	C07D 451 /-	2019299339
B65G 23 /-	C01F 7 /-	2019294083		2019295765	2019344776
	2019300344	2019315330	2019291111		C07J 31 /-
2019268743		C07D 211 /-	2019297400	C07D 453 /-	
	C01G 45 /-	2019289094	2019297401		2019274815
2019314265	2019300344	2019289095	2019297402	2019273337	C07K 14 /-
B65G 43 /-	C01G 53 /-	C07D 213 /-	C07D 335 /-	2019280689	
	2019302568	2019294083	2020270474	C07D 471 /-	2019272844
2019268743		2019315330	2020270475		2019274591
2019427994	C01G 9 /-	2019299455		2019273337	2019288291
	2019300101	2019300101	C07D 401 /-	2019277362	2019288484
B65G 45 /-		2019300102		2019287460	2019293530
	C02F 1 /-	2019300106	2019273337	2019289094	2019295729
2019297206	2019302568	2019315330	2019273559	2019289095	2019299318
B65G 47 /-		C07D 215 /-	2019280689	2019289788	2019311233
		2019300100	2019289788	2019294482	2019343251
2019282093	C02F 11 /-	2019300100	2019297489	2019296091	2019344875
	2018430735	2019315330	2019299455	C07D 475 /-	C07K 16 /-
B66C 1 /-	2019295782	C07D 231 /-	2019300100		2018288030
	2020244447	2019295763	2019300101	2019277372	2019274591
2019301692		2019298306	2019300102		2019274649
			2019300106		2019275737
	2019301577		2019304216		

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

2019279427	C08G 65 /-	C11D 1 /-	2019295277	C22C 19 /-	D21H 27 /-
2019279883			2019295279		
2019283621	2019305813	2019283637	2019295409	2019290663	2019272259
2019288635		2019300158	2019299439		2019297042
2019288683	C08G 71 /-		2019301147	C22C 38 /-	
2019288684		C11D 17 /-	2019316431		E01C 23 /-
2019290134	2019291855			2019290663	
2019293530		2019283637	C12N 9 /-		2019299883
2019293589	C08G 83 /-			C23C 16 /-	
2019294510		C11D 3 /-	2019275109		E01C 7 /-
2019295277	2019280295		2019276360	2019315833	
2019295279		2019283637	2019276370		2019299067
2019295729	C08H 7 /-	2019300158	2019282149	C23C 24 /-	
2019297658			2019285719		E01D 11 /-
2019299318	2019295395	C11D 7 /-	2019287483	2019314265	
2019301070			2019288669		2019286812
2019301147	C08L 33 /-	2019283637	2019321683	D01D 1 /-	
2019316164					E01D 22 /-
	2019283719	C12M 1 /-	C12P 13 /-	2019298237	
C07K 19 /-	C08L 95 /-				2019286812
		2019293831	2019292164	D01F 6 /-	
2018288030	2019299067	2019297436			E01F 9 /-
2019301147		2019297911	C12P 19 /-	2019302176	
	C08L 97 /-				2019299883
C07K 2 /-		C12M 3 /-	2019278943	D01F 9 /-	
	2019295395		2019321683		E02F 3 /-
2019288484		2019273870		2019298237	
	C09D 11 /-	2019293831	C12P 21 /-		2019280826
C07K 7 /-		2019297436		D04H 1 /-	2019301577
	2019294820	2019297911			
2018275368	C09D 163 /-	C12N 1 /-	2019288635	2019294820	E02F 5 /-
2019272844			2019295277	2019302176	
2019275072			2019295279		2019301577
	2019291855	2018423492	2019299339	D06F 35 /-	
C08B 37 /-		2019275125	2019344875		E02F 9 /-
	C09D 167 /-	2019278943		2019300220	
2019276640		2019282169	C12P 7 /-		2018425665
	2019309430	2019288635		D06F 37 /-	2019275965
C08F 10 /-	2019311231	2019295277	2019285719		
		2019295279		2019300220	E03C 1 /-
2019291010	C09D 5 /-	C12N 15 /-	C12Q 1 /-		
				D06Q 1 /-	2019384425
C08F 2 /-	2019273133	2018288030	2019278943		
	2019291855	2019275737	2019280305	2019299445	E03F 1 /-
2019291010	2019309430	2019276360	2019285381		
2019427993		2019278943	2019288683	D07B 1 /-	2018430735
C08F 210 /-	C09J 101 /-	2019279427	2019289911		
		2019279427	2019290743	2019291190	E03F 5 /-
2019291010		2019282149	2019293831	2019291191	
	2019272259	2019287483	2019295729	2019291192	2018430735
2019291010		2019288635	2019299339	2019291193	
C08F 220 /-	C09J 103 /-	2019288669	2019315406	2019291194	E04F 11 /-
		2019288669	2019321683	2019291195	
2019298237	2019272259	2019293044	2019369517		2019277270
		2019295277	2020210912	D21H 11 /-	
C08F 290 /-	C09J 145 /-	2019295279	2020256218		E04F 15 /-
		2019295409	2020296852	2019272259	
2019305813	2019273133	2019299339	2020298079		2019278331
		2019300324		D21H 17 /-	
C08F 32 /-	C09K 5 /-	2019312882	C12R 1 /-		E04G 21 /-
		2019343251		2019272259	
2019273133	2019343906	2019344776	2018423492		2019301692
	C09K 9 /-	C12N 5 /-	C22B 3 /-	D21H 19 /-	E04H 15 /-
C08F 6 /-					
	2019305813	2018428450	2019298222	2019293273	2019326297
2019291010		2019273870		D21H 21 /-	
C08G 18 /-	C10B 19 /-	2019275435	C22C 1 /-		E04H 17 /-
		2019277660		2019293273	
2018426345	2019293043	2019287483	2019290663		2019277270
		2019288635		D21H 25 /-	2019284291
C08G 61 /-	C11B 1 /-	2019288683	C22C 14 /-		
		2019288683		2019293273	E05B 17 /-
2018426345	2019301805	2019288684	2019290663		
		2019293163			2019293852
		2019293530			2019316093

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

<u>E05B 65 /-</u>	<u>F01K 9 /-</u>	<u>F03B 3 /-</u>	<u>F16K 31 /-</u>	<u>F25B 5 /-</u>	<u>G01J 5 /-</u>
2019293852	2019292987	2019323106 2019367373	2019282318 2019285029	2018432700	2019291809
<u>E05C 5 /-</u>	<u>F01L 1 /-</u>	<u>F03D 13 /-</u>	<u>F16L 3 /-</u>	<u>F25D 11 /-</u>	<u>G01K 11 /-</u>
2019316093	2019315833	2019273757	2019303334	2019302533	2019291251
<u>E21B 17 /-</u>	<u>F01L 13 /-</u>	<u>F03D 3 /-</u>	<u>F16L 41 /-</u>	<u>F25D 17 /-</u>	<u>G01L 1 /-</u>
2019295522	2018431113	2019288477	2019385784	2019294221	2019277587 2019278953
<u>E21B 23 /-</u>	<u>F01L 5 /-</u>	<u>F04B 39 /-</u>	<u>F16L 47 /-</u>	<u>F25D 29 /-</u>	<u>G01L 13 /-</u>
2019286118	2019315833	2018433740	2019297033 2019297036	2019294221 2019300937 2019302566	2019278953
<u>E21B 34 /-</u>	<u>F01M 11 /-</u>	<u>F04D 29 /-</u>	<u>F16L 55 /-</u>	<u>F25D 3 /-</u>	<u>G01L 7 /-</u>
2019282664	2018427184	2019385784	2019289603 2019295522	2019302533	2019278953
<u>E21B 4 /-</u>	<u>F01N 11 /-</u>	<u>F15B 15 /-</u>	<u>F16L 9 /-</u>	<u>F25D 31 /-</u>	<u>G01L 9 /-</u>
2019313330 2019315375	2018443387	2019282318	2019294451	2019302533	2018424685 2019282641
<u>E21B 43 /-</u>	<u>F01N 13 /-</u>	<u>F16C 29 /-</u>	<u>F17D 3 /-</u>	<u>F26B 21 /-</u>	<u>G01M 13 /-</u>
2019286118	2018443387	2019314265	2019286118	2019299426	2019426605
<u>E21B 47 /-</u>	<u>F01N 3 /-</u>	<u>F16C 33 /-</u>	<u>F23D 14 /-</u>	<u>F26B 25 /-</u>	<u>G01N 1 /-</u>
2019440174	2018443387	2019272356 2019314265	2019281306 2019292250	2019299426	2019285316 2019301961
<u>E21C 27 /-</u>	<u>F02C 3 /-</u>	<u>F16F 15 /-</u>	<u>F24C 15 /-</u>	<u>F26B 3 /-</u>	<u>G01N 15 /-</u>
2019306743	2019290849	2019277655	2019291360 2019316093	2019299426	2019285316 2019301870
<u>E21C 35 /-</u>	<u>F02C 7 /-</u>	<u>F16G 11 /-</u>	<u>F24F 1 /-</u>	<u>F26B 5 /-</u>	<u>G01N 21 /-</u>
2019306743	2019290849	2019303334	2018440914	2019297498	2019278953 2019290399 2019292332 2019298259 2019301961 2019326499
<u>E21D 1 /-</u>	<u>F02M 35 /-</u>	<u>F16H 33 /-</u>	<u>F24F 11 /-</u>	<u>G01C 21 /-</u>	<u>G01N 23 /-</u>
2020273364	2019280464	2019277655	2018432700 2018441289	2018439310	2019298263
<u>E21D 5 /-</u>	<u>F02M 57 /-</u>	<u>F16H 53 /-</u>	<u>F24F 110 /-</u>	<u>G01F 1 /-</u>	<u>G01N 25 /-</u>
2020273364	2019290936	2019315833	2018432700 2018440914	2018434685 2019285029	2019444062
<u>E21D 9 /-</u>	<u>F02M 59 /-</u>	<u>F16H 57 /-</u>	<u>F24F 13 /-</u>	<u>G01F 11 /-</u>	<u>G01N 27 /-</u>
2019306743	2019290936	2019289009	2018432700	2019297199	2019275965 2020298079
<u>E21F 13 /-</u>	<u>F02M 61 /-</u>	<u>F16J 15 /-</u>	<u>F24F 140 /-</u>	<u>G01F 15 /-</u>	<u>G01N 30 /-</u>
2019306743	2019290936	2019289009	2018432700	2018434685	<u>G01N 33 /-</u>
<u>F01D 25 /-</u>	<u>F02M 63 /-</u>	<u>F16K 11 /-</u>	<u>F24F 5 /-</u>	<u>G01F 23 /-</u>	
2019290849	2019290936	2019272356	2018432700	2019288659	
<u>F01K 21 /-</u>	<u>F02M 63 /-</u>	<u>F16K 15 /-</u>	<u>F25B 13 /-</u>	<u>G01F 25 /-</u>	
2019292987	2019290936	2019289603	2018432700	2018434685	
<u>F01K 25 /-</u>	<u>F03B 11 /-</u>	<u>F16K 17 /-</u>	<u>F25B 21 /-</u>	<u>G01J 3 /-</u>	
2019286912 2019292987	2019367373	2019290936	2019302533	2019282641	
<u>F01K 7 /-</u>	<u>F03B 13 /-</u>	<u>F16K 17 /-</u>			
2019286912	2019367373	2019297345			
	<u>F03B 17 /-</u>				
	2019367373				

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2019292332	<u>G06F 13 /-</u>	<u>G06Q 20 /-</u>		<u>H01J 43 /-</u>	<u>H02J 7 /-</u>
2019293530			<u>G09F 3 /-</u>		
2019295279	2019283658	2019272261		2019317273	2019276775
2019301961		2019280577	2019286777		2019280972
2019315406	<u>G06F 16 /-</u>	2019301479		<u>H01J 49 /-</u>	
<u>G01N 35 /-</u>	2019280994	<u>G06Q 30 /-</u>	<u>G09F 7 /-</u>	2019282617	<u>H02M 1 /-</u>
	2019285383		2019286777	2019288827	2018434702
2019301961	2019291825	2019279098		2019301735	
	2019309856		<u>G09G 3 /-</u>	<u>H01L 27 /-</u>	<u>H02M 3 /-</u>
<u>G01N 9 /-</u>	2019441820	<u>G06Q 40 /-</u>	2019452477		2018434702
			2020239614	2019452478	
2018434685	<u>G06F 21 /-</u>	2019301479	2020294213		<u>H02M 7 /-</u>
		<u>G06Q 50 /-</u>		<u>H01L 31 /-</u>	
<u>G01R 21 /-</u>	2019272261		<u>G09G 5 /-</u>	2019441307	2019298314
	2019277011				<u>H03K 5 /-</u>
2019272685	2019292576	2019289075	2020239614		
	2019293104	2019293104		<u>H01M 10 /-</u>	2019279459
<u>G01R 33 /-</u>	2019293106	2019293106	<u>G16B 30 /-</u>		
	2019293409	<u>G06T 17 /-</u>	2019369302	2019272661	<u>H04B 7 /-</u>
2019297153	2019295458			2019302669	
	2019298538	2019291441	<u>G16H 10 /-</u>	<u>H01M 12 /-</u>	2019295445
<u>G01S 13 /-</u>	2019301272	<u>G06T 19 /-</u>	2019276992		2019301682
	2019325569		2019276993	2019310592	2019350780
2019293511	2019331368	2019290409	2019287537	<u>H01M 4 /-</u>	<u>H04L 1 /-</u>
			2019287541		
<u>G01T 1 /-</u>	<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	2019287546	2019272661	2019261761
				2019302669	
2019279459	2019268743	<u>G06T 7 /-</u>	<u>G16H 20 /-</u>	2019310592	<u>H04L 12 /-</u>
	2019278953	2018425665			
<u>G01V 1 /-</u>	2019292576	2019268743	2019287537	<u>H01M 50 /-</u>	2019276708
		2019290409	2019287541		2019282267
2019315814	<u>G06F 30 /-</u>	2019301133	2019287546	2020224504	2019283658
		2019302552	2019309779		2019284169
<u>G01V 3 /-</u>	2020230268	2019302556		<u>H01M 8 /-</u>	2019293615
		2019311295	<u>G16H 40 /-</u>		2019294687
2019275965	<u>G06F 9 /-</u>	<u>G07C 9 /-</u>	2019289075	2019295782	2019298538
			2019309779	<u>H02G 1 /-</u>	2019308467
<u>G01V 99 /-</u>	2019295631	<u>G07D 1 /-</u>	2020297515		2019312119
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2019315814	<u>G06K 17 /-</u>	2019303819	<u>G16H 50 /-</u>	<u>H02G 3 /-</u>	<u>H04L 29 /-</u>
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2019305813	<u>G06K 7 /-</u>	<u>G07D 11 /-</u>	2019287537		2019279098
			2019287541	<u>H02G 5 /-</u>	2019282267
<u>G02B 21 /-</u>	2019291825	<u>G07F 11 /-</u>	2019295412		2019293046
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2019274825	<u>G06K 9 /-</u>	<u>G08B 21 /-</u>	<u>G16H 80 /-</u>		2019295458
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<u>G02B 5 /-</u>	2019291441	2020286164	<u>G21C 19 /-</u>	2019284291	2019331368
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<u>G02B 6 /-</u>	<u>G06N 20 /-</u>	<u>G08B 25 /-</u>	<u>G21F 9 /-</u>		2019277011
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<u>G02C 7 /-</u>	<u>G06N 3 /-</u>	<u>G08G 1 /-</u>	<u>H01B 17 /-</u>	<u>H02J 4 /-</u>	<u>H04M 1 /-</u>
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2019305813	2019285383	<u>G08G 5 /-</u>	<u>H01F 38 /-</u>		2019314897
				<u>H02J 50 /-</u>	
<u>G05D 1 /-</u>	2019284591	2019436651	2019295730		<u>H04M 3 /-</u>
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	2020264392				

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A61P 11/00 (2006.01)
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A23L 3/365 (2006.01)
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A61P 27/16 (2006.01)
C07D 261/08 (2006.01)
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A61P 31/00 (2006.01)
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B65D 25/06 (2006.01)
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G05B 19/04 (2006.01)
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A23L 2/52 (2006.01)
A23L 33/125 (2016.01)
A61K 8/9728 (2017.01)
A61K 31/715 (2006.01)
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A61B 5/055 (2006.01)
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F24F 3/147 (2006.01)
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Zhejiang NHU Company Ltd. see Shangyu NHU Biological Chemical Co., Ltd.
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2014233569	Bandai Co., Ltd	2016202176	Covidien LP
2014278178	President and Fellows of Harvard College	2016203156	Adobe Inc.
2014296246	Organovo, Inc.	2016206399	PEDICINI, C.; TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED
2014364119	BASF Agricultural Solutions Seed US LLC	2016209937	Zehnder Group International AG; Sympatex Technologies GmbH
2014385792	Tuffley, M.	2016210835	Technophage, Investigacao e Desenvolvimento em Biotecnologia, SA
2014411529	Metso Minerals Industries, Inc.	2016219204	BeyondSpring Pharmaceuticals, Inc.
2015207977	CGG Services SA	2016219732	Nichia Corporation
2015218527	Johnson & Johnson Vision Care, Inc.	2016222587	Dana-Farber Cancer Institute, Inc.
2015231163	Duke University; Los Alamos National Security, LLC	2016225212	HID CID Limited
2015237411	Fook Yuen, L.	2016228525	Alarm.com Incorporated
2015242972	Carel Industries S.p.A.	2016229923	Asymmetrica Labs Inc.
2015252750	Farrow Norris Pty Ltd	2016233999	Technopak Limited
2015263877	Desert King International LLC; Phibro Animal Health Corporation	2016234926	The Boeing Company
2015264801	Breezway Australia (Holdings) Pty Ltd	2016241566	Ponti, L.
2015273501	polybiocept GmbH	2016247568	Noble House Group Pty Ltd
2015279552	Angiocrine Bioscience, Inc.	2016247576	Leica Geosystems AG
2015284385	Prilenia Neurotherapeutics Ltd.	2016249404	IGM Biosciences, Inc.
2015284798	Scibreak AB	2016250056	Implanet
2015288424	4subsea AS	2016250517	Opex Corporation
2015299039	Affimed GmbH	2016250616	Syn-Nat Products Enterprise LLC
2015307306	Dezima Pharma B.V.	2016250904	Breville Pty Limited
2015308121	Alkhazraji, S.	2016254803	Välinge Innovation AB
2015311971	Polaris Sensor Technologies, Inc.	2016254955	Raphael, O.
2015314114	Illumina Cambridge Limited	2016255777	The Climate Corporation
2015316522	Symphogen A/S	2016256801	Lewmar Limited
2015317336	Tonix Pharma Holdings Limited	2016257620	Hauer, R.
2015317734	The United States of America, as Represented by The Secretary of Agriculture; Empresa Brasileira de Pesquisa Agropecuaria - Embrapa	2016257751	Inhibrx, Inc.
2015318698	Genting Intellectual Property Pte. Ltd.	2016261714	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; Energystoredge Ltd.
2015319819	Universal Stabilization Technologies, Inc.	2016262107	Blinkbio, Inc.
2015320595	Premier Dental Products Company	2016262400	ICU Medical, Inc.
2015323539	Antikor Biopharma Limited	2016262719	SAP SE
2015324079	BP Corporation North America Inc.	2016263038	Alcon Inc.
2015324241	SanBio, Inc.	2016265286	LifeCell Corporation
2015326378	Council of Scientific & Industrial Research	2016273208	DSM IP Assets B.V.
2015326936	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin	2016274718	Société des Produits Nestlé S.A.
2015327786	William Marsh Rice University	2016281416	De Greef's Wagen-, Carrosserie- en Machinebouw B.V.
2015328933	Samsung Electronics Co., Ltd.	2016281615	White, J.; Campbell, K.
2015329609	Distretto Tecnologico Sicilia Micro e Nano Sistemi S.c.a.r.l.	2016282070	Talga Group Ltd
2015331364	Sekisui Chemical Co., Ltd.	2016283985	Agbiome, Inc.
2015336114	CSEER Ventures, LLC	2016284722	USM U. Scharer Sohne AG
2015339128	Seattle Genetics, Inc.	2016285676	Microsoft Technology Licensing, LLC
2015340591	Ludwig-Maximilians-Universitaet Muenchen; Forschungsverbund Berlin e.V.	2016286115	Vanderbilt University
2015341864	Woodwelding AG	2016289462	Qualcomm Incorporated
2015342863	Al Therapeutics, Inc.	2016290224	Life Matters Ltd.
2015345154	Schreder	2016292569	BASF Agro B.V.
2015349218	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	2016295319	General Electric Company
2015350157	Georgia-Pacific Gypsum LLC	2016297956	6th Wave Innovations Corp.
2015350668	Flight, L.	2016299306	Exosect Limited
2015353821	Weatherford Technology Holdings, LLC	2016299961	Alexander, G.; Haygarth, A.
2015355289	Omeros Corporation	2016303000	Société des Produits Nestlé S.A.
2015359265	Sandvik Intellectual Property AB	2016303525	Globelimmune, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services
2015362688	Cytec Industries Inc.	2016304856	Dana-Farber Cancer Institute, Inc.
2015367435	Alpraaz AB	2016308719	Rhodia Operations
2015392268	Prysmian S.p.A.	2016312681	Element Science, Inc.
2015408051	Halliburton Energy Services, Inc.	2016323373	Mitsubishi Chemical Agri Dream Co., Ltd.
2015417392	Halliburton Energy Services, Inc.	2016323477	University of Iowa Research Foundation
2016200777	The Boeing Company	2016324351	Smart Utility Service Holdings Pty Ltd
2016200881	Deere & Company	2016326490	Corpak Medsystems, Inc.
2016201080	Draka Comteq B.V.	2016329197	IGM Biosciences, Inc.
2016201957	Joy Global Conveyors Inc	2016333935	Aquallence Ltd Israel
		2016335152	Kverneland Group Kerteminde AS

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2016341106	AbbVie Inc.	2017411195	Hunan Zonsen Peplip Biotech Co., Ltd
2016341880	Emulate, Inc.; Cedars-Sinai Medical Center	2017411717	Gree Electric Appliances (Wuhan) Co., Ltd.; Gree Electric Appliances, Inc. of Zhuhai
2016342551	Reckitt Benckiser (Brands) Limited	2017418972	Essity Hygiene and Health Aktiebolag
2016345237	Shangyu NHU Biological Chemical Co., Ltd.; Zhejiang University; Zhejiang NHU Company Ltd.	2017420762	Wright Medical Technology, Inc.
2016345559	Hager-Electro SAS	2017424295	Yunnan Zhongyi Dingdong Energy Technology Development Co., Ltd
2016345583	Kverneland Group Kerteminde AS	2017425846	Mitsubishi Electric Corporation
2016354978	Tetra Laval Holdings & Finance S.A.	2017426296	Komatsu Ltd.
2016355240	Alcon Inc.	2017431392	Google, LLC
2016356736	IXUP IP Pty Ltd	2017435235	Huawei Technologies Co., Ltd.
2016360487	KM Biologics Co., Ltd.	2017438987	Jroll Tech Ltd
2016362904	Qualcomm Incorporated	2018203835	Monsanto Technology, LLC
2016369225	Qualcomm Incorporated	2018204726	Commonwealth Scientific and Industrial Research Organisation
2016372910	Icare Finland Oy	2018204748	Novozymes Bioag A/S; Novozymes Biologicals, Inc.
2016373530	Loxo Oncology, Inc.	2018207828	Unilever PLC
2016375183	Greenovation Biotech GmbH	2018208304	3M Innovative Properties Company
2016380869	Vectracor, Inc.	2018209866	LG Electronics Inc.
2016380948	Itron, Inc.	2018212546	Honeywell International Inc.
2016385352	National Oilwell Varco, L.P.	2018215786	Lucid Software, Inc.
2016389073	Sony Corporation	2018216090	TTI (Macao Commercial Offshore) Limited
2016392652	Gowan Company, L.L.C.	2018219041	Koral Patent AS
2016393252	XEVO Inc.,	2018221471	Sage Products, LLC
2016396182	Valorisation HSJ, Limited Partnership	2018224086	Z Design, Inc.
2016399168	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.	2018227588	Gilead Sciences, Inc.
2016401944	Chevron Phillips Chemical Company LP	2018234993	Micvac AB
2016412653	American Express Travel Related Services Company, Inc.	2018236867	Cellectis
2017200056	Seminis Vegetable Seeds, Inc.	2018237987	Novartis AG
2017204747	TEKO TELECOM S.r.l.	2018242528	ArcelorMittal
2017205246	Kronos International, Inc.	2018243118	Huawei Technologies Co., Ltd.
2017210042	396419 B.C. Ltd.	2018243719	Gilead Sciences, Inc.
2017211496	CCm Technologies Limited	2018246756	Huawei Technologies Co., Ltd.
2017213007	Tasly Pharmaceutical Group Co., Ltd.	2018250410	Bioverativ Therapeutics Inc.
2017214818	Sharp Kabushiki Kaisha	2018253474	Regeneron Pharmaceuticals, Inc.
2017216874	Qualcomm Incorporated	2018254004	Nova Chemicals (International) S.A.
2017218407	PepsiCo, Inc.	2018254076	Nagaki Seiki Co., Ltd.
2017218457	Lithium Australia NL	2018255414	ZeniMax Media Inc.
2017219210	Etex Building Performance International SAS	2018256476	BioAtla, LLC
2017224301	Newtricious B.V.	2018256646	Xtreme Well Technology Limited
2017225932	SecureKey Technologies Inc.	2018266465	Baker Hughes Holdings, LLC
2017228298	Covidien LP	2018267570	Carbon Energy Limited
2017234460	Nanjing Anji Biological Technology Co., Ltd	2018268597	Guangdong Jma Customize Windows and Doors System Co., Ltd.
2017238758	Council of Scientific & Industrial Research	2018271251	TNBT Holdings Pty Limited
2017245007	Momentive Performance Materials Inc.	2018274836	Roche Glycart AG
2017250302	Blueprint Medicines Corporation	2018274960	Aristocrat Technologies Australia Pty Limited
2017253549	Immatics Biotechnologies GmbH	2018276686	Qingdao Hailan Pharmaceuticals Co., Ltd.
2017254711	Dana-Farber Cancer Institute, Inc.	2018278904	MacDon Industries Ltd.
2017269398	Qualcomm Incorporated	2018279003	Spinal Elements, Inc.
2017273732	Taghleef Industries, Inc.	2018279045	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2017277002	Jiangsu Hengrui Medicine Co., Ltd.	2018279407	JFE Steel Corporation
2017281525	Dana-Farber Cancer Institute, Inc.	2018280968	JFE Steel Corporation
2017283116	BYK USA, Inc.; BYK-Chemie GmbH	2018282424	Rasmussen, G.
2017284971	BASF Agro B.V.	2018283473	LG Electronics Inc.
2017285200	Qualcomm Incorporated	2018284960	Voyager Therapeutics, Inc.
2017287764	CJ Cheiljedang Corporation	2018285000	Amsted Rail Company, Inc.
2017303898	Japan Tobacco Inc.	2018288766	Viz.ai, Inc.
2017307208	Bristol-Myers Squibb Company	2018289422	Colgate-Palmolive Company
2017315140	TFChem	2018291076	ViiV Healthcare Company; Janssen Sciences Ireland Unlimited Company
2017326232	Syngenta Participations AG	2018294309	Interroll Holding AG
2017343995	Dow AgroSciences LLC	2018298368	Innova Patent GmbH
2017366514	Tianjin Hemay Pharmaceutical Sci-Tech Co., Ltd; Ganzhou Hemay Pharmaceutical, Co., Ltd	2018304058	Netflix, Inc.
2017366515	Tianjin Hemay Pharmaceutical Sci-Tech Co., Ltd; Ganzhou Hemay Pharmaceutical, Co., Ltd	2018304766	Alfa Laval Corporate AB
2017366791	Arizona Board of Regents on behalf of The University of Arizona	2018305185	Jotun A/S
2017379407	Myriota Pty Ltd	2018305771	Siemens Aktiengesellschaft
2017390929	Volkswagen Aktiengesellschaft	2018306133	Niantic, Inc.
2017395492	Huawei Technologies Co., Ltd.	2018306257	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2017396370	BITZER K�hlmaschinenbau GmbH	2018313153	T-Mobile USA, Inc.
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2018324103	The Alfred E. Mann Foundation for Scientific Research	2019226130	Medtronic Minimed, Inc.
2018326832	3M Innovative Properties Company	2019229392	Isolynx, LLC
2018328895	Huawei Technologies Co., Ltd.	2019236701	Wera Werkzeuge GmbH
2018329492	Siemens Industry, Inc.	2019236758	Techtronic Floor Care Technology Limited
2018329835	Dippin' Dots, L.L.C.	2019240651	Avant Medical Corp.
2018330541	Waymo LLC	2019242547	Boston Scientific Scimed, Inc.
2018332808	Colgate-Palmolive Company	2019246848	ChemoCentryx, Inc.
2018336881	Roadtec, Inc.	2019246896	Implantica Patent Ltd
2018341463	Ecolab USA Inc.	2019250190	WANG, C.
2018343790	Krosakiharima Corporation	2019253796	Novartis AG
2018345331	Qualcomm Incorporated	2019257472	Biomedical Enterprises, Inc.
2018347203	Advanced New Technologies Co., Ltd.	2019260953	Sone Farm Co., Ltd.
2018351421	Electrical Subsea & Drilling AS	2019263154	Boston Scientific Scimed, Inc.
2018352789	Qingdao University of Technology	2019264584	Precision Planting LLC
2018355543	Intuit Inc.	2019264592	Geographe Enterprises Pty Ltd
2018367387	Northrop Grumman Systems Corporation	2019264602	Sandvik Mining and Construction Oy
2018370811	Medshine Discovery Inc.	2019264681	Verathon Inc.
2018375307	Covidien LP	2019268160	EMBRAPA-Empresa Brasileira de Pesquisa Agropecuária; Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD); Centre International d'Etudes Supérieures en Sciences Agronomiques (Montpellier Supagro); Torres Comércio E Processamento de Produtos Naturais Ltda ME.
2018389609	Itron Global SARL	2019268191	Sandvik Intellectual Property AB
2018401905	Huawei Technologies Co., Ltd.	2019268199	VR Electronics Limited
2018405438	Salens Toys (Shanghai) Co., Ltd.	2019268211	Schneider Electric Industries SAS
2018407047	The Yokohama Rubber Co., Ltd.	2019268349	Ingram Micro Inc.
2018410947	AUX AIR CONDITIONER CO., LTD; NINGBO AUX ELECTRIC CO., LTD.	2019271951	General Electric Company
2018415583	Turntide Technologies Inc.	2019272067	Hitachi, Ltd.
2018426062	Huawei Technologies Co., Ltd.	2019280003	NTT DOCOMO, INC.
2019200278	OMICRON Electronics GmbH	2019280008	Apple Inc.
2019200366	MAX CO., LTD.	2019280091	Snap-on Incorporated
2019200426	Merck Sharp & Dohme Corp.	2019283867	ALLEGION (NEW ZEALAND) LIMITED
2019200525	University of Central Florida Research Foundation, Inc.	2019283908	Ishida Co., Ltd.
2019200691	Five Prime Therapeutics, Inc.	2019283920	G9 Holdings, LLC
2019200745	Kerr Engineering (WA) Pty Ltd	2019283924	LifeCell Corporation
2019200896	Apple Inc.	2019283981	THE CHINESE UNIVERSITY OF HONG KONG
2019200942	INHIBRX, INC.	2019284076	Precision Planting LLC
2019201022	InfraBuild Construction Solutions Pty Ltd	2019289617	ADB Safegate Sweden AB
2019201403	Alios BioPharma, Inc.	2019300633	Daikin Industries, Ltd.
2019201781	Aristocrat Technologies Australia Pty Limited	2019356040	Nanjing Tech University
2019201810	Huawei Technologies Co., Ltd.	2020200203	Wright Medical Technology, Inc.
2019202004	Dongyang Haoming Clothing Co., Ltd.	2020200333	UNIVERSITE DE MONTPELLIER; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT CURIE; ABIVAX
2019202037	The Johns Hopkins University	2020200442	Staunton, I.
2019202191	Depuy Synthes Products, Inc.	2020200900	Becton, Dickinson and Company
2019202346	The ESAB Group Inc.	2020201197	Qualcomm Incorporated
2019202577	Strata Products Worldwide, LLC	2020201923	Metso Sweden AB
2019202592	Solarlytics, Inc.	2020202098	Jiangnan University; BRILLIANCE BIO-TECH CO.,LTD.; Qingdao Zhike Inspection and Testing Limited Company
2019202655	Sentreheart, Inc.	2020202647	Ventana Medical Systems, Inc.
2019202830	Merit Medical Systems, Inc.	2020202911	Exxonmobil Upstream Research Company; Georgia Tech Research Corporation
2019202850	KABUSHIKI KAISHA TOSHIBA; Toshiba Infrastructure Systems & Solutions Corporation	2020204355	Oren Technologies, LLC
2019203013	Owen Oil Tools LP	2020217444	Spectrum Spine IP Holdings, LLC
2019203124	Janssen Vaccines & Prevention B.V.	2020220108	Covidien LP
2019203402	LEE, S.	2020223662	American Wave Machines, Inc
2019203444	F. Hoffmann-La Roche AG	2020273294	BIO-RAD LABORATORIES, INC.
2019203490	WisTa Laboratories Ltd		
2019203634	Potrero Medical, Inc.		
2019203864	Advanced New Technologies Co., Ltd.		
2019203865	Advanced New Technologies Co., Ltd.		
2019204155	PACCAR Inc		
2019204161	PACCAR Inc		
2019204470	ICU Medical, Inc		
2019204525	RespiVert Limited		
2019204539	Galapagos NV		
2019204761	LG Electronics Inc.		
2019204875	Weber-Stephen Products LLC		
2019205603	Hahn-Schickard-Gesellschaft für angewandte forschung e.V.; GS Elektromedizinische Geräte G. Stemple GmbH		
2019206084	NTT DOCOMO, INC.		
2019208276	ZHANG, X.J.		
2019210640	W. L. Gore & Associates, Inc.		
2019211433	Becton, Dickinson and Company		
2019213453	Fisher & Paykel Healthcare Limited		
2019219769	International Frontier Technology Laboratory, Inc.		

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2017366515	2018284960		2015263877	2015318698	<u>B02C 21 /-</u>
2018227588		<u>A61P 11 /-</u>			
2018237987	<u>A61K 51 /-</u>		<u>A61P 35 /-</u>	<u>A63F 13 /-</u>	2019268191
2018243719		2017234460			
2018276686	2016210835	2019203444	2015273501	2014233569	<u>B02C 23 /-</u>
2018291076		2019204539	2015316522	2015318698	
2018370811	<u>A61K 8 /-</u>	2019246848	2015323539	2019201781	2019268191
2019201403			2015342863	2019268199	
2019202037	2014385792	<u>A61P 13 /-</u>	2016219204		<u>B07B 4 /-</u>
2019203444	2017315140		2016373530	<u>A63F 3 /-</u>	
2019204525	2018289422	2016250616	2016399168		2020204355
2019204539	2018341463	2018276686	2017234460	2018274960	
2019246848	2019260953		2017238758	<u>A63F 5 /-</u>	<u>B07B 7 /-</u>
2019260953	<u>A61K 9 /-</u>	<u>A61P 17 /-</u>	2017303898		2020204355
2020200333			2018274836	2015318698	
	2015320595	2014385792	2019204539		<u>B07C 5 /-</u>
<u>A61K 33 /-</u>	2015326378	2019246848	2019246848	<u>A63F 9 /-</u>	
	2015329609	2019260953			2016281416
2014385792	2015355289	<u>A61P 19 /-</u>	<u>A61P 37 /-</u>	2018306133	<u>B08B 15 /-</u>
<u>A61K 35 /-</u>	2019202037				
		2016250616	2015273501	<u>A63H 33 /-</u>	2020204355
2015273501	<u>A61L 31 /-</u>	2017250302	2015326936		
2019260953		2018370811	2017238758	2018405438	<u>B21B 15 /-</u>
	2019283924	2019246848	2017307208		
<u>A61K 36 /-</u>	<u>A61M 1 /-</u>	2020200333	2017366514	<u>B01D 15 /-</u>	2019201022
		<u>A61P 21 /-</u>	2017366515		
2015263877	2020217444		2019200426	2016297956	<u>B22D 1 /-</u>
2015326378		2015317336	2019204525	<u>B01D 45 /-</u>	
2016303525	<u>A61M 16 /-</u>		2019204539		2018343790
		<u>A61P 25 /-</u>	2019246848	2020204355	<u>B22D 41 /-</u>
<u>A61K 38 /-</u>	2019213453		2019260953		
		2016396182	<u>A61P 43 /-</u>	<u>B01D 53 /-</u>	2018343790
2015273501	<u>A61M 25 /-</u>	2017213007			
2016274718		2018276686	2017303898	2020202911	<u>B23K 26 /-</u>
2016396182	2019202830	2019204539	<u>A61P 7 /-</u>		
2017234460	2020200900	2020200333		<u>B01D 61 /-</u>	2016233999
2017253549	<u>A61M 27 /-</u>	<u>A61P 27 /-</u>	2018250410		
2018256476				2015327786	<u>B23K 9 /-</u>
	2020217444	2015329609	<u>A61P 9 /-</u>	2019268160	
<u>A61K 39 /-</u>		2018237987		<u>B01D 63 /-</u>	2019202346
	<u>A61M 29 /-</u>	2018276686	2015307306		
2015231163		2019202037	2015326378	2016209937	<u>B23P 19 /-</u>
2015273501	2019202830	<u>A61P 29 /-</u>	2017277002		
2015339128			2017303898	<u>B01D 69 /-</u>	2019264592
2016219204	<u>A61M 39 /-</u>	2016396182	2019204539		
2016222587		2017238758	2019204539	2015327786	<u>B23Q 11 /-</u>
2016249404	2016262400	2017307208	2019246848	2016209937	
2016257751	2016326490	2019204525	2020200333		2018336881
2016303525	2019202830	2019204539	<u>A61Q 11 /-</u>	<u>B01D 71 /-</u>	<u>B25B 27 /-</u>
2016329197	2019211433	2019246848			
2016360487	<u>A61M 5 /-</u>	2020200333	<u>A61Q 19 /-</u>	2016209937	2019264592
2017253549		<u>A61P 3 /-</u>		<u>B01F 7 /-</u>	
2019200426	2016262400		2017315140		<u>B25C 1 /-</u>
2019200525	2019204470	2014385792	2019260953	2016354978	2019200366
2019200691	2019211433	2017303898	<u>A62B 18 /-</u>		
2019200942	2019240651	2018227588		<u>B01J 20 /-</u>	<u>B25H 3 /-</u>
2019203124	2020200900	2018276686	2019213453		
<u>A61K 45 /-</u>	<u>A61N 1 /-</u>	<u>A61P 31 /-</u>	<u>A62B 7 /-</u>	2016297956	2018254076
					2019236701
2015342863	2016323477	2015273501	<u>A62B 9 /-</u>		
2016257751	2018324103	2016290224		2020273294	<u>B25J 11 /-</u>
<u>A61K 47 /-</u>		2016360487	2019213453		
	<u>A61P 1 /-</u>	2016396182	<u>A62B 9 /-</u>	<u>B02C 17 /-</u>	2018209866
2015319819		2017238758			
2015320595	2017366514	2019201403	<u>A63B 69 /-</u>	2014411529	<u>B25J 19 /-</u>
2017281525	2017366515	<u>A61P 33 /-</u>			
2018341463	2018243719		2020223662	<u>B02C 2 /-</u>	2018209866
<u>A61K 48 /-</u>	2019203444		<u>A63F 1 /-</u>		
	2019246848			2020201923	<u>B25J 5 /-</u>
2015279552	2020200333				2018209866

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<u>B25J 9 /-</u>	<u>B61B 12 /-</u>	<u>B65D 1 /-</u>	<u>C01B 25 /-</u>	<u>C07C 27 /-</u>	<u>C07D 279 /-</u>
2018209866	2018298368	2017218407	2015320595	2020202647	2019203490
<u>B29B 15 /-</u>	<u>B61G 3 /-</u>	<u>B65D 23 /-</u>	<u>C01B 3 /-</u>	<u>C07C 271 /-</u>	<u>C07D 285 /-</u>
2016200777	2018285000	2017218407 2017273732	2016261714	2017343995	2017343995
<u>B29C 33 /-</u>	<u>B61G 9 /-</u>	<u>B65D 25 /-</u>	<u>C01B 32 /-</u>	<u>C07C 29 /-</u>	<u>C07D 295 /-</u>
2015367435 2016200777	2018285000	2016241566	2018242528	2017284971	2017213007
<u>B29C 35 /-</u>	<u>B62D 11 /-</u>	<u>B65D 30 /-</u>	<u>C01B 33 /-</u>	<u>C07C 311 /-</u>	<u>C07D 303 /-</u>
2016200777	2017426296	2016233999	2017283116	2017343995	2017284971
<u>B29C 49 /-</u>	<u>B63G 7 /-</u>	<u>B65D 33 /-</u>	<u>C01B 7 /-</u>	<u>C07C 35 /-</u>	<u>C07D 305 /-</u>
2015367435	2018305771	2016233999 2017273732	2015320595	2017284971	2017343995
<u>B29C 53 /-</u>	<u>B63H 5 /-</u>	<u>B65D 43 /-</u>	<u>C01F 11 /-</u>	<u>C07C 381 /-</u>	<u>C07D 307 /-</u>
2015367435	2016256801	2016241566	2015320595	2017343995	2017326232 2017343995
<u>B29C 55 /-</u>	<u>B64C 11 /-</u>	<u>B65D 51 /-</u>	<u>C02F 1 /-</u>	<u>C07C 43 /-</u>	<u>C07D 309 /-</u>
2017273732	2016234926	2018234993	2015308121	2017303898 2017315140	2018227588
<u>B29C 65 /-</u>	<u>B64C 27 /-</u>	<u>B65D 65 /-</u>	<u>C04B 28 /-</u>	<u>C07D 207 /-</u>	<u>C07D 317 /-</u>
2015341864	2016234926	2017273732	2017219210	2017326232	2017213007
<u>B29C 70 /-</u>	<u>B64C 29 /-</u>	<u>B65D 75 /-</u>	<u>C05B 15 /-</u>	<u>C07D 209 /-</u>	<u>C07D 333 /-</u>
2015362688 2015367435	2016234926	2016341106 2019283908	2016308719	2016290224 2017366514 2017366515	2017343995
<u>B32B 27 /-</u>	<u>B64D 33 /-</u>	<u>B65D 77 /-</u>	<u>C05C 3 /-</u>	<u>C07D 211 /-</u>	<u>C07D 401 /-</u>
2017273732	2019289617	2018234993	2017211496	2017366515	2016304856 2016373530 2017238758 2017254711 2017281525 2017307208 2019204525 2019246848
<u>B41J 2 /-</u>	<u>B64F 1 /-</u>	<u>B65D 81 /-</u>	<u>C05C 5 /-</u>	<u>C07D 213 /-</u>	
2019203402	2020204355	2018234993	2017211496	2017343995 2019253796	
<u>B42D 1 /-</u>	<u>B65B 11 /-</u>	<u>B65G 21 /-</u>	<u>C05F 9 /-</u>	<u>C07D 215 /-</u>	<u>C07D 403 /-</u>
2016225212	2016241566	2018294309	2017211496	2020200333	
<u>B42D 25 /-</u>	<u>B65B 43 /-</u>	<u>B65G 23 /-</u>	<u>C05G 3 /-</u>	<u>C07D 231 /-</u>	2016373530 2016399168 2017238758 2019203444 2019246848
2016225212	2016241566	2016201957 2018294309	2016308719	2016373530 2017303898 2017343995 2019246848	<u>C07D 405 /-</u>
<u>B60C 13 /-</u>	<u>B65B 49 /-</u>	<u>B65G 3 /-</u>	<u>C07B 53 /-</u>	<u>C07D 239 /-</u>	
2018407047	2016241566	2020204355	2017303898	2016373530 2017277002 2017307208	
<u>B60P 1 /-</u>	<u>B65B 5 /-</u>	<u>B65G 41 /-</u>	<u>C07B 61 /-</u>	<u>C07D 275 /-</u>	<u>C07D 407 /-</u>
2019200745	2016241566	2016250517	2017303898	2016304856 2017238758 2017343995	
<u>B60W 20 /-</u>	<u>B65B 59 /-</u>	<u>B65G 59 /-</u>	<u>C07C 235 /-</u>	<u>C07D 261 /-</u>	<u>C07D 407 /-</u>
2016393252	2016241566	2019264584	2017213007	2018237987	2017326232
<u>B60W 30 /-</u>	<u>B65B 61 /-</u>	<u>B65G 69 /-</u>	<u>C07C 237 /-</u>	<u>C07D 275 /-</u>	<u>C07D 409 /-</u>
2019204155 2019204161	2016233999	2020204355	2017343995	2017343995	2017326232 2018370811
<u>B60W 40 /-</u>	<u>B65B 63 /-</u>	<u>C01B 13 /-</u>	<u>C07C 255 /-</u>	<u>C07D 277 /-</u>	<u>C07D 413 /-</u>
2019202850	2019202004	2016333935	2017343995	2017343995	2016373530

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2018237987	2019203124	<u>C08L 63 /-</u>	2014278178	2015359265	2019204875
2019203444			2015273501		
<u>C07D 417 /-</u>	<u>C07K 16 /-</u>	2015362688	2015279552	<u>C22C 38 /-</u>	<u>E06B 7 /-</u>
	2015299039	<u>C08L 83 /-</u>	2015324241	2015359265	2015264801
2017307208	2015316522		2016341880		2018268597
	2015339128	2016262107	2017253549	<u>C23C 28 /-</u>	
<u>C07D 471 /-</u>	2016210835	<u>C09C 1 /-</u>	2018203835		<u>E21B 17 /-</u>
	2016249404		2018236867	2018279407	
2017254711	2016257751	2017205246	2019200525	2018280968	2015288424
2019203444	2016329197	2017283116	2019202191		2015417392
2019204539	2018253474	2018207828	<u>C12N 7 /-</u>	<u>C25B 1 /-</u>	
2019253796	2018274836	<u>C09C 3 /-</u>		2016282070	<u>E21B 19 /-</u>
<u>C07D 487 /-</u>	2019200426		2016360487		2015353821
	2019200691	2017205246	<u>C12N 9 /-</u>	<u>C25D 11 /-</u>	<u>E21B 23 /-</u>
2017250302	<u>C07K 19 /-</u>			2018279407	
2018237987		<u>C09D 183 /-</u>	2017287764	2018280968	2018256646
2019201403	2017234460		<u>C12P 19 /-</u>	<u>C25D 5 /-</u>	2019203013
2019203444	2018250410	2018305185			<u>E21B 29 /-</u>
<u>C07D 491 /-</u>	<u>C07K 7 /-</u>	<u>C09D 5 /-</u>	2017287764	2018279407	2018267570
	2016396182	2018305185	<u>C12P 21 /-</u>	2018280968	
2019203444	2017253549	<u>C11D 1 /-</u>		<u>C25D 7 /-</u>	<u>E21B 3 /-</u>
<u>C07D 493 /-</u>	2017411195	2018207828	2015340591	2018279407	2015353821
	<u>C08F 210 /-</u>		2018256476	2018280968	
2017284971		<u>C11D 3 /-</u>	<u>C12P 7 /-</u>		<u>E21B 33 /-</u>
2018227588	2018254004	2018207828		<u>D06F 29 /-</u>	2015408051
<u>C07D 495 /-</u>	<u>C08F 36 /-</u>		2016345237	2019204761	2016385352
		<u>C12C 13 /-</u>	<u>C12Q 1 /-</u>		2018351421
2018227588	2016401944	2018304766	2015314114	<u>D06F 89 /-</u>	<u>E21B 43 /-</u>
2019203444	<u>C08F 4 /-</u>		2016286115	2019202004	
	2018254004	<u>C12C 3 /-</u>	2018256476		2016295319
<u>C07D 519 /-</u>	<u>C08G 59 /-</u>	2018304766	2019283981	<u>E01C 23 /-</u>	2018266465
			2020200333		
2017250302	2015362688	<u>C12Q 3 /-</u>	<u>C12Q 3 /-</u>	2018336881	<u>E21B 7 /-</u>
<u>C07F 15 /-</u>	<u>C08G 77 /-</u>	2018304766		<u>E02F 3 /-</u>	2015417392
	2016262107	<u>C12M 1 /-</u>	2016345237	2016257620	2019264602
2016250616			<u>C12R 1 /-</u>		<u>E21C 35 /-</u>
<u>C07H 21 /-</u>	<u>C08J 3 /-</u>	2016341880	2016345237	2015350157	2019202577
	2017283116	<u>C12M 3 /-</u>	<u>C21D 7 /-</u>		<u>E21C 41 /-</u>
2015339128				<u>E04C 5 /-</u>	2016282070
2019200691	<u>C08J 5 /-</u>	2016341880	2019201022	2015350157	2019202577
<u>C07H 3 /-</u>		<u>C12N 1 /-</u>	<u>C21D 8 /-</u>		
	2018254004			<u>E04H 17 /-</u>	<u>E21C 47 /-</u>
2016303000	<u>C08K 3 /-</u>	2015317734	2019201022	2015350668	2016282070
<u>C07K 1 /-</u>		<u>C12N 15 /-</u>		<u>E05B 25 /-</u>	<u>F02C 7 /-</u>
	2015362688	2014364119	2019201022	2015264801	2019271951
2015340591	2017283116	2015231163	<u>C22B 26 /-</u>		
2017234460	<u>C08K 5 /-</u>	2015279552		<u>E05B 3 /-</u>	<u>F04B 39 /-</u>
<u>C07K 14 /-</u>		2016273208	2017218457	2018271251	2018306257
	2017283116	2016283985	<u>C22B 3 /-</u>		
2014364119	2018305185	2017210042		<u>E05B 63 /-</u>	<u>F04B 43 /-</u>
2015231163	<u>C08K 9 /-</u>	2017287764	2016297956	2019283867	2019203402
2016210835		2017411195	2017218457		
2016249404	<u>C08L 23 /-</u>	2018203835	<u>C22C 1 /-</u>	<u>E05B 9 /-</u>	<u>F04C 29 /-</u>
2016257751		2018204726		2019283867	2018306257
2016273208	2017283116	2018253474	<u>C22C 33 /-</u>		2018306257
2016283985		2018284960		<u>E05D 7 /-</u>	<u>F16B 12 /-</u>
2016303525	<u>C08L 23 /-</u>				
2016375183					
2017234460	2017273732				
2018250410	2018254004				
2018256476					

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2016254803	2017424295	2015311971	2019268349	<u>G06Q 40 /-</u>	<u>H01B 3 /-</u>
2017402591	<u>F26B 25 /-</u>	2016210835			
<u>F16B 2 /-</u>		2016255777	<u>G06F 13 /-</u>	2018355543	2015392268
2018208304	2017424295	2019205603	2015408051	<u>G06T 5 /-</u>	<u>H01F 7 /-</u>
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2018351421	2016281615	<u>G01R 31 /-</u>	2015408051	<u>G07F 17 /-</u>	<u>H01H 33 /-</u>
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2018351421	2016247568	<u>G01R 33 /-</u>	2019200896	<u>G08C 17 /-</u>	<u>H01H 9 /-</u>
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<u>F16N 13 /-</u>	2019283920	<u>G01S 13 /-</u>	2016229923	<u>G08C 19 /-</u>	<u>H01L 31 /-</u>
2018352789	<u>F42B 12 /-</u>	2019289617	2016262719	2019268211	2019202592
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2018352789	<u>F42B 30 /-</u>	2018330541	<u>G06F 21 /-</u>	2018279045	2015331364
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2016284722	<u>F42B 8 /-</u>	<u>G01S 19 /-</u>	2016356736	<u>G08G 5 /-</u>	2015349218
<u>F23R 3 /-</u>	2019283920	2017379407	<u>G06F 3 /-</u>	2019289617	<u>H01Q 1 /-</u>
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<u>F24F 7 /-</u>	<u>G01M 3 /-</u>	<u>G05B 15 /-</u>	2016228525	2018345331	2016345559
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2017396370	<u>G01N 21 /-</u>	2018212546	2018355543	<u>G16B 20 /-</u>	<u>H02J 3 /-</u>
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<u>F25B 49 /-</u>	2019205603	2017390929	2018355543	2015314114	<u>H02J 7 /-</u>
2015242972	<u>G01N 30 /-</u>	<u>G06F 1 /-</u>	<u>G06Q 10 /-</u>	<u>G16H 10 /-</u>	2019202592
<u>F26B 11 /-</u>	2020273294	2017435235	2019200896	2015252750	<u>H02K 1 /-</u>
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2019200278	<u>H04N 7 /-</u>
<u>H02P 25 /-</u>	2016228525
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<u>H02P 8 /-</u>	<u>H04R 25 /-</u>
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2016228525	

Certified Innovation Patents**Name Index**

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

Johnston, K. see Johnston, R.

(21) 2020101977

(71) Johnston, R.; Johnston, K.

(11) AU-B-2020101977

(21) 2020101977 **(22)** 25.08.2020

(54) MULTIPACK PACKAGING RINGS FOR BEVERAGE CANS

(51) Int. Cl.

B65D 71/46 (2006.01)

B65B 17/02 (2006.01)

B65D 5/52 (2006.01)

(31) 2019903258 **(32)** 04.09.19 **(33)** AU

(45) 21.01.2021

(72) Johnston, Rodney David; Johnston, Kim Louise

(74) Anderson-Taylor & Associates

(71) Trailer Stonestar Pty Ltd

(11) AU-B-2020100681

(21) 2020100681 **(22)** 04.05.2020

(54) A Hydraulic Control System For Trailer Ramp

(51) Int. Cl.

F15B 15/14 (2006.01)

B62D 63/08 (2006.01)

F15B 15/26 (2006.01)

(45) 21.01.2021

(72) Shi, Feng

(74) TIDY TEND GLOBAL PTY LTD

Numerical Index

2020100681 Trailer Stonestar Pty Ltd
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F15B 15 /-

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Applications Withdrawn

2013202231 **Australian Mobile Mining Equipment Systems and Accessories Pty. Limited** (NSL Engineering Pte Ltd)

Patents Granted

Standard Patents

2014256903 2014264642 2014278296 2014311254
 2014321187 2014323098 2014335877 2014337248
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Patents Granted

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Patents Granted

Innovation Patents

2015101989	2016102453	2017101893	2018102198
2018102201	2019101770	2019101771	2019101772
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Assignments Registered

2004226328	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2004245028	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2005214894	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2005235124	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2005251777	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2007208023	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2007276677	Downey, Paul; Wilkinson, William	The patent has been assigned to Downey, Paul
2007324337	Snap Network Surveillance Pty Limited	The patent has been assigned to SenSen Networks Limited
2010258677	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.
2010339921	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.
2011202305	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2012203970	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2012203972	Innovational Holdings, LLC	The patent has been assigned to MicroPort Cardiovascular LLC
2012247480	Biom'Up	The patent has been assigned to BIOM'UP France SAS
2012269719	Brown, Shane	The patent has been assigned to Geobruugg AG
2012280901	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.
2012280904	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.
2012301715	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.

Assignments Registered

2012335208	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.
2013254751	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.
2014214140	Bayer Animal Health GmbH	The patent has been assigned to VETOQUINOL SA
2014360760	The Aaron Diamond AIDS Research Center for the City of New York, Inc	The patent has been assigned to The Trustees Of Columbia University In The City Of New York
2015203146	Novartis AG	The patent has been assigned to Glaxo-SmithKline Biologicals S.A.
2016224903	Agrinos AS	The patent has been assigned to AMVAC Chemical Corporation
2016263563	Ecolab USA Inc.; Basf SE	The patent has been assigned to Ecolab USA Inc.
2016264202	Ecolab USA Inc.; BASF SE	The patent has been assigned to Ecolab USA Inc.
2016277573	BIOM'UP	The patent has been assigned to BIOM'UP France SAS
2017101175	Kinetic Supply Pty Ltd	The patent has been assigned to Kinetic Sourcing Group Pty Ltd
2018236629	Unist(Ulsan National Institute of Science and Technology)	The patent has been assigned to SUPINE THERAPEUTICS CO., LTD.
2018274949	BASF SE; Ecolab USA Inc.	The patent has been assigned to Ecolab USA Inc.
2018282432	BASF SE; Ecolab USA Inc.	The patent has been assigned to Ecolab USA Inc.

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The following application(s) for Extension of Term have been granted under Section 76.

2011317040	Medivation Technologies LLC
The earliest first regulatory approval date provided by the patentee 18 Nov 2019	
For the goods TALZENNA talazoparib (as tosilate)	
Extension of Term of patent pursuant to Section 77 expires on 18 Nov 2034	
2017201564	Medivation Technologies LLC
The earliest first regulatory approval date provided by the patentee 18 Nov 2019	
For the goods TALZENNA talazoparib (as tosilate)	
Extension of Term of patent pursuant to Section 77 expires on 18 Nov 2034	
2018201663	AbbVie Inc.
The earliest first regulatory approval date provided by the patentee 17 Jan 2020	
For the goods RINVOQ upadacitinib	
Extension of Term of patent pursuant to Section 77 expires on 17 Jan 2035	

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Corrigenda

In Vol 30 , No 21 , Page(s) 3079 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Oregon Health & Science University; Oslo University Hospital HF; Cleveland Clinic; Board of Regents of the University of Nebraska; British Columbia Cancer Agency Branch; The United States of America, as represented by the Secretary, Department of Health and Human Services; Universitat de Barcelona; Hospital Clinic de Barcelona; Arizona Board of Regents on Behalf of the University of Arizona; Julius-Maximilians-University of Wuerzburg, Application No. 2014346788, Under INID (72) add co-inventor Tubbs, Raymond

In Vol 34 , No 17 , Page(s) 2354 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018200824.

In Vol 34 , No 45 , Page(s) 6379 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Mannesmann Precision Tubes France, Application No. 2019246496, under INID (54) correct the title to read Method for forming a layer of single phase oxide (Fe, Cr)₂O₃ with a rhombohedral structure on a steel or super alloy substrate

In Vol 35 , No 2 , Page(s) 193 under the heading **Innovation Patents Filed - Name Index** Under the name Shelley Rowland, Application No. 2020103970, under INID (71) correct the applicant name to The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University

Specifications Republished

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

2015270912 **The United States of America, as represented by the Secretary, Department of Health and Human Services**