



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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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).

<p>NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Nuctech Company Limited [2021] APO 41

Patent Application: 2016327871

Title: Smart security inspection system and method

Patent Applicant: Nuctech Company Limited

Delegate: Greg Powell – Deputy Commissioner of Patents

Decision Date: 11 October 2021

Hearing Date: Written submissions filed on 28 November 2019 and 31 July 2020

Catchwords: **PATENTS** – section 45 – examiner’s objection – security inspection – whether invention is a manner of manufacture – business innovation – alleged invention not a manner of manufacture – section 40 – undue burden – specification does not contain a clear enough and complete enough disclosure – no prospects of overcoming issues – application refused

Representation: Patent attorney for the applicant: AJ Park, Sydney

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 Oct 2021 .

(71) A1 Engineering & Handling Pty Ltd (21) 2021903199 (22) 06.10.2021 (54) Drag conveyor idler and method for replacing and manufacturing same	(71) Aristocrat Technologies Australia Pty Limited (21) 2021903149 (22) 01.10.2021 (54) GAMING DEVICE WITH WHEELS FOR AWARDED COMPOSITE FEATURES	Byrne, D. see DB Controls & HVAC Services Pty Ltd (21) 2021903186
(71) AL-SAAD, H. (21) 2021903150 (22) 01.10.2021 (54) MECHANICALLY OPERATED DEVICE	(71) AUSTRALIAN AERONAUTICS PTY LTD. (21) 2021903218 (22) 07.10.2021 (54) HYBRID DRONE, BASE STATION AND METHODS THEREFOR	(71) Carpenter, M. (21) 2021903179 (22) 05.10.2021 (54) Wheel Assembly
(71) Anjou, A. (21) 2021903154 (22) 01.10.2021 (54) Attachment apparatus for opening a lid of a wheeled refuse bin	(71) Australian Nuclear Science and Technology Organisation (21) 2021903247 (22) 09.10.2021 (54) Method and System for Dose Quantification	(71) Cedar Creek Trust (21) 2021903159 (22) 01.10.2021 (54) Guitar case hinge
(71) Anteo Energy Technology Pty Ltd (21) 2021903236 (22) 08.10.2021 (54) COMPOSITE MATERIAL AND METHOD OF COATING	(71) Australian Thermal Insulation Manufacturers Pty Ltd (21) 2021903211 (22) 07.10.2021 (54) Method of cleaning polymer deposits on a conveyor belt of a meltblown machine	(71) CHINI GROUP PTY LTD (21) 2021903238 (22) 08.10.2021 (54) System and Method for Arranging Vehicles between two or more parties through the Use of Computing Devices
(71) Anteo Technologies Pty Ltd (21) 2021903232 (22) 08.10.2021 (54) Binding support and uses thereof	(71) AVA Risk Group Limited (21) 2021903174 (22) 05.10.2021 (54) Multiband Object Detection Analysis for COTDR Systems	(71) Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd (21) 2021903160 (22) 01.10.2021 (54) Production of saturated fats in microbes
(71) Anteo Technologies Pty Ltd (21) 2021903234 (22) 08.10.2021 (54) CONJUGATION OF BIOMOLECULES	(71) BARCODING & DATA COLLECTION SYSTEMS PTY. LIMITED; Inventory Management Systems Pty Ltd (21) 2021903180 (22) 05.10.2021 (54) Adding an encrypted checksum key inside a Barcode to validate its data content.	(71) Creanova Universal Closures Limited (21) 2021903172 (22) 05.10.2021 (54) Tethered closure
(71) Anteo Technologies Pty Ltd (21) 2021903235 (22) 08.10.2021 (54) LATERAL FLOW ASSAY	(71) Blue Eggplant Pty Ltd (21) 2021903213 (22) 07.10.2021 (54) LAPTOP DISPLAY SYSTEMS	(71) CSIRO IP and Investment Portfolio (21) 2021903170 (22) 05.10.2021 (54) PROCESS FOR RECOVERING VALUE METALS FROM NICKEL AND COBALT BEARING LATERITIC ORE
(71) Applied Electric Vehicles Pty Ltd (21) 2021903245 (22) 09.10.2021 (54) A WHEEL ASSEMBLY FOR AN ELECTRIC VEHICLE		(71) CUMMINS, I. (21) 2021903241 (22) 08.10.2021 (54) Water Renewal Treatment System
(71) APT R&D PTY LTD (21) 2021903198 (22) 06.10.2021 (54) SYSTEM AND METHOD FOR DISPLAY OF EVENT INFORMATION		Daykin, A. see Ryan, M. (21) 2021903169

Provisional Applications Filed - Name Index cont'd

(71) DB Controls & HVAC Services Pty Ltd;
Byrne, D.
(21) 2021903186 (22) 05.10.2021
(54) Integrated platform for AR Control System

(71) DETECTED-X PTY LTD
(21) 2021903240 (22) 08.10.2021
(54) System and method for training clinicians in analysis of medical images

(71) East Metropolitan Health Service
(21) 2021903221 (22) 07.10.2021
(54) System and Method Using Machine Learning Algorithm For Vital Sign Data Analysis

(71) Engender Technologies Limited
(21) 2021903230 (22) 08.10.2021
(54) Flow control apparatus, parts and methods therefore

(71) Eudaemon Technologies Pty Ltd
(21) 2021903193 (22) 06.10.2021
(54) MODIFIED HYDROGELS

(71) Eudaemon Technologies Pty Ltd
(21) 2021903195 (22) 06.10.2021
(54) METHOD FOR IMPROVING THE PROPERTIES OF A HYDROGEL

(71) Ferman, M.
(21) 2021903194 (22) 06.10.2021
(54) Vehicle Mirror Locking and Release Assembly

(71) FGS Scientific Pty Ltd
(21) 2021903171 (22) 05.10.2021
(54) Bioactive Food and Beverage Compositions and Methods

(71) Fredon Infrastructure Pty Ltd
(21) 2021903155 (22) 01.10.2021
(54) Cable Support System

(71) Gale Pacific Limited
(21) 2021903197 (22) 06.10.2021
(54) ENHANCED FIBRE

Gannon, R. see Gannon, A.
(21) 2021903113

(71) Gannon, A.; Gannon, R.
(21) 2021903113 (22) 29.09.2021
(54) Method and devices for extracting natural components from organic materials

(71) Gendala, M.
(21) 2021903227 (22) 06.10.2021
(54) Gendala, Mark

(71) Gray, M.
(21) 2021903208 (22) 07.10.2021
(54) Flight Instructor Diagnostic Display

(71) Guignard, P.
(21) 2021903114 (22) 29.09.2021
(54) EMPLOYEE VIEWS - DATA ACQUISITION, ANALYSIS, REPORTING AND FOLLOW ON

(71) HUDSON STRATEGIC LIMITED
(21) 2021903166 (22) 04.10.2021
(54) APPARATUS FOR DELIMBING LIVE TREES

(71) Incannex Healthcare Limited
(21) 2021903210 (22) 07.10.2021
(54) A composition and uses thereof

Inventory Management Systems Pty Ltd
see BARCODING & DATA COLLECTION SYSTEMS PTY. LIMITED
(21) 2021903180

(71) Iskander, D.
(21) 2021903185 (22) 05.10.2021
(54) System for forming a garment or accessory

(71) Jarvis, Z.
(21) 2021903182 (22) 05.10.2021
(54) Process for cooling laptop computers.

(71) Jayaram, N.
(21) 2021903184 (22) 05.10.2021
(54) FLEXIBLE OFFSHORE FLOATING SOLAR POWER PLANT AND METHOD OF DEPLOYMENT

(71) Kleiner, D.
(21) 2021903161 (22) 01.10.2021
(54) A Method for Locating a Vacuum Assisted Therapy Device and a Device for Use in the Method

(71) Kourloufas, S.
(21) 2021903212 (22) 07.10.2021
(54) A system and data structure for candidate attribute matching

(71) Lam, J.
(21) 2021903153 (22) 01.10.2021
(54) A carpometacarpal joint stabilising boxing glove

(71) Iarkin, b.
(21) 2021903242 (22) 08.10.2021
(54) Magpie Deterrent Device

(71) Makuri Technology Pty Ltd
(21) 2021903177 (22) 05.10.2021
(54) Fastener

(71) MAMMOTH INDUSTRIES PTY LTD
(21) 2021903233 (22) 08.10.2021
(54) SLIDING DOOR BRAKING SYSTEM

(71) Massey, G.
(21) 2021903116 (22) 29.09.2021
(54) Asset Control System and Method

(71) McShane, S.
(21) 2021903226 (22) 08.10.2021
(54) A COSMETIC MAKEUP TOOL

(71) MICROPACE PTY LTD
(21) 2021903151 (22) 01.10.2021
(54) METHOD, SYSTEMS, APPARATUSES AND DEVICES FOR CARDIAC TISSUE CHARACTERIZATION AND ABLATION USING IRREVERSIBLE AND REVERSIBLE ELECTROPORATION AND ELECTROLYSIS

(71) MICROPACE PTY LTD
(21) 2021903152 (22) 01.10.2021
(54) METHOD, SYSTEMS, APPARATUSES AND DEVICES FOR CARDIAC TISSUE CHARACTERIZATION AND ABLATION USING REVERSIBLE ELECTROPORATION AND ELECTROLYSIS

(71) MICROPACE PTY LTD
(21) 2021903189 (22) 06.10.2021
(54) METHOD, SYSTEMS, APPARATUSES AND DEVICES FOR CARDIAC TISSUE CHARACTERIZATION AND ABLATION USING REVERSIBLE ELECTROPORATION AND ELECTROLYSIS

(71) Monash University; Royal Melbourne Institute of Technology
(21) 2021903183 (22) 05.10.2021
(54) Soft X-Ray Detectors

(71) NewSouth Innovations Pty Limited
(21) 2021903157 (22) 01.10.2021
(54) System and method of detecting environmental changes using wireless sensing

(71) Noble House Group Pty. Ltd.
(21) 2021903175 (22) 05.10.2021
(54) Micro Transfer Pipette

Provisional Applications Filed - Name Index cont'd

(71) Nourish Ingredients Pty Ltd
(21) 2021903156 (22) 01.10.2021
(54) Enzymes for producing saturated fats

Nourish Ingredients Pty Ltd see Commonwealth Scientific and Industrial Research Organisation
(21) 2021903160

(71) Nowlan, P.
(21) 2021903204 (22) 07.10.2021
(54) URETHRA EXPANDER

(71) Noxopharm Limited
(21) 2021903191 (22) 06.10.2021
(54) Improved isoflavone formulation

(71) Opal Packaging Australia Pty Ltd
(21) 2021903231 (22) 08.10.2021
(54) A SACK AND A METHOD OF FORMING THE SACK

(71) Osteo-X Pty Ltd
(21) 2021903181 (22) 05.10.2021
(54) FIXATION ARRANGEMENT FOR INTRAMEDULLARY NAIL

(71) Paradigm Fuels Pty Ltd
(21) 2021903168 (22) 04.10.2021
(54) THE SYNCHRONOUS USE OF CARBON DIOXIDE AND OXYGEN TO CREATE A CHEMICAL PRODUCT

(71) Paris, M.
(21) 2021903102 (22) 24.09.2021
(54) Coil 3

(71) Performance Processing Pty Ltd
(21) 2021903217 (22) 07.10.2021
(54) A Process for Reducing Impurities in Lithium Hydroxide Monohydrate Production

(71) Phillips, S.
(21) 2021903190 (22) 06.10.2021
(54) Motorised omni-directional castor

(71) PRISM NEURO PTY LTD
(21) 2021903207 (22) 07.10.2021
(54) MULTIMODAL METHOD AND SYSTEM FOR EVALUATING AND IMPROVING NEUROMOTOR CONTROL ABILITY

(71) PYC Therapeutics Limited
(21) 2021903178 (22) 05.10.2021
(54) Treatment of VEGFA-Related Disease

(71) Pywell, S.; Wyrewenaden, C.
(21) 2021903164 (22) 03.10.2021
(54) DOG COLLAR

(71) Rapid Phenotyping Pty Ltd
(21) 2021903176 (22) 05.10.2021
(54) Multiplexing Optical Element and Uses Thereof

(71) RENERGI PTY LTD
(21) 2021903219 (22) 07.10.2021
(54) Apparatus and Method for Thermal Processing

(71) ResMed Pty Ltd
(21) 2021903158 (22) 01.10.2021
(54) POSITIONING AND STABILISING STRUCTURE AND SYSTEM INCORPORATING SAME

(71) ResMed Pty Ltd
(21) 2021903200 (22) 06.10.2021
(54) POSITIONING AND STABILISING STRUCTURE AND SYSTEM INCORPORATING SAME

(71) Ritchie Technology Pty Ltd
(21) 2021903167 (22) 04.10.2021
(54) Method and device for continuous direct recycling of plastic waste

Royal Melbourne Institute of Technology see Monash University
(21) 2021903183

(71) Ryan, M.; Daykin, A.
(21) 2021903169 (22) 05.10.2021
(54) A footwear garment

(71) Scolaro, A.
(21) 2021903163 (22) 02.10.2021
(54) A Drive System for a Power Drive DDD

(71) Scolaro, A.
(21) 2021903165 (22) 04.10.2021
(54) A Drive System for a Power Drive DDDX

(71) Scolaro, A.
(21) 2021903188 (22) 06.10.2021
(54) A Drive System for a Power Drive DSD

(71) Seqirus Inc.
(21) 2021903192 (22) 06.10.2021
(54) Lipid nanoparticle comprising a RNA-binding protein

(71) Seqirus Pty Ltd
(21) 2021903205 (22) 07.10.2021
(54) Anti-SARS-CoV-2 antibodies and uses thereof I

(71) Seqirus Pty Ltd
(21) 2021903206 (22) 07.10.2021
(54) Anti-SARS-CoV-2 antibodies and uses thereof II

(71) Shamoos, C.
(21) 2021903243 (22) 09.10.2021
(54) System and method for limiting user posts/uploads.

(71) Sharma, K.
(21) 2021903229 (22) 08.10.2021
(54) A system for determining a carbon capture value for a plant or tree

(71) Sicona Battery Technologies Pty Ltd
(21) 2021903237 (22) 08.10.2021
(54) A method of producing nano-silicon

(71) SMYLEE PTY LTD
(21) 2021903162 (22) 01.10.2021
(54) Systems and methods for selectively implementing an electronic transaction based on proximity detection of a user device

(71) St. Vincent's Hospital Sydney Limited
(21) 2021903228 (22) 08.10.2021
(54) Heart pump outflow conduit

(71) Tanner, M.
(21) 2021903220 (22) 07.10.2021
(54) CONCEALED PENIS CORRECTING PROSTHESES

(71) Teldotnet Pty Ltd
(21) 2021903215 (22) 07.10.2021
(54) An electronic trading system for real property financial instruments

(71) The University of Adelaide
(21) 2021903196 (22) 06.10.2021
(54) METHOD AND COMPOSITION FOR NOVEL CANCER IMMUNOTHERAPY

(71) The University of Queensland
(21) 2021903225 (22) 08.10.2021
(54) Proteinaceous molecules and uses therefor

(71) VAST SOLAR PTY LTD
(21) 2021903173 (22) 05.10.2021
(54) A thermal energy storage tank and components therefor

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(71) ViraLok Therapeutics Pty Ltd
(21) 2021903239 (22) 08.10.2021
(54) AGENTS AND METHODS FOR THER-
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(71) Visual Data Pty Ltd
(21) 2021903214 (22) 07.10.2021
(54) Electronic door lock apparatus

(71) VueMotion Labs Pty Ltd
(21) 2021903222 (22) 07.10.2021
(54) Systems and methods for generating a
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(71) VueMotion Labs Pty Ltd
(21) 2021903223 (22) 07.10.2021
(54) Systems and methods for generating
a biomechanical model of a subject in
motion

(71) VueMotion Labs Pty Ltd
(21) 2021903224 (22) 07.10.2021
(54) Systems and methods for providing mo-
tion performance feedback

(71) Wilson, L.
(21) 2021903187 (22) 06.10.2021
(54) The Freefall Mattress

(71) wu, m.
(21) 2021903202 (22) 06.10.2021
(54) Bubble-Wall Plot: A Visualization Tool
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(21) 2021903164

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2021903102	Paris, M.	2021903213	Blue Eggplant Pty Ltd
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2021903150	AL-SAAD, H.	2021903219	RENERGI PTY LTD
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2021903176	Rapid Phenotyping Pty Ltd	2021903247	Australian Nuclear Science and Technology Organisation
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2021903179	Carpenter, M.		
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2021903181	Osteo-X Pty Ltd		
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2021903183	Monash University; Royal Melbourne Institute of Technology		
2021903184	Jayaram, N.		
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Complete Applications Filed

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

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

<hr/> <p>(71) 24M Technologies, Inc.; Fukushima, T. (21) 2021240160 (22) 29.09.2021 (54) SINGLE POUCH BATTERY CELLS AND METHODS OF MANUFACTURE (62) 2016280285</p> <hr/> <p>(71) 3M Innovative Properties Company (21) 2021236522 (22) 23.09.2021 (54) Ambulatory therapy system incorporating activity and environmental sensing capability (62) 2016357216</p> <hr/> <p>(71) A2B Australia Limited (21) 2021240129 (22) 27.09.2021 (54) TAXIMETER SYSTEM AND METHOD FOR A TAXI (62) 2020201789</p> <hr/> <p>(71) AbbVie Inc. (21) 2021236570 (22) 24.09.2021 (54) Processes for the preparation of (3S,4R)-3-ethyl-4-(3H-imidazo[1,2-a]pyrrolo[2,3-e]-pyrazin-8-yl)-N-(2,2,2-trifluoroethyl)pyrrolidine-1-carboxamide and solid state forms thereof (62) 2016340167</p> <hr/> <p>(71) AC&C, LLC (21) 2021240201 (22) 29.09.2021 (54) Emergency alert system and method (62) 2016281624</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2021236561 (22) 24.09.2021 (54) Method for treating myeloproliferative disorders (62) 2016301380</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021240196 (22) 29.09.2021 (54) UTILIZING MACHINE LEARNING MODELS FOR DETERMINING AN OPTIMIZED RESOLUTION PATH FOR AN INTERACTION (31) 17/088,218 (32) 03.11.20 (33) US</p> <hr/> <p>(71) Acres Technology (21) 2021236503 (22) 22.09.2021 (54) Game Performance Determination by Incremental Revenue (62) 2020200696</p>	<hr/> <p>(71) Adobe Inc. (21) 2021236553 (22) 24.09.2021 (54) GRAPH NEURAL NETWORKS FOR DATASETS WITH HETEROPHILY (31) 17/210,157 (32) 23.03.21 (33) US</p> <hr/> <p>(71) Advanced New Technologies Co., Ltd. (21) 2021236535 (22) 23.09.2021 (54) Transferring digital tickets based on blockchain networks (62) 2019204713</p> <hr/> <p>(71) Advance DX, Inc. (21) 2021236560 (22) 24.09.2021 (54) Multiple path sample collection card (62) 2017246327</p> <hr/> <p>(71) Adverum Biotechnologies, Inc. (21) 2021236481 (22) 22.09.2021 (54) Evasion of neutralizing antibodies by a recombinant adeno-associated virus (62) 2017257169</p> <hr/> <p>(71) Aerovironment, Inc. (21) 2021236490 (22) 22.09.2021 (54) Machine to machine targeting maintaining positive identification (62) 2016238311</p> <hr/> <p>(71) AIMM Therapeutics B.V. (21) 2021245146 (22) 05.10.2021 (54) Influenza A virus specific antibodies (62) 2017216562</p> <hr/> <p>Al-Dabbagh, A. see Khalil, G. (21) 2021236549</p> <hr/> <p>(71) Alivio Therapeutics, Inc. (21) 2021240143 (22) 28.09.2021 (54) Formulation of nanostructured gels for increased agent loading and adhesion (62) 2018266131</p> <hr/> <p>(71) Alkahest, Inc. (21) 2021236532 (22) 23.09.2021 (54) Methods and compositions for treating aging-associated impairments using CCR3-inhibitors (62) 2018250214</p>	<hr/> <p>(71) Alkahest, Inc. (21) 2021240142 (22) 28.09.2021 (54) Blood plasma fractions as a treatment for aging-associate cognitive disorders (62) 2020200181</p> <hr/> <p>(71) ALMAC S.R.L. (21) 2021236530 (22) 23.09.2021 (54) Mobile elevating work platform (31) 10202000022831 (32) 28.09.20 (33) IT</p> <hr/> <p>(71) Alpha Tau Medical Ltd. (21) 2021236575 (22) 24.09.2021 (54) Radiotherapy seeds and applicators (62) 2019229849</p> <hr/> <p>(71) Alpha Tau Medical Ltd. (21) 2021236577 (22) 24.09.2021 (54) Radiotherapy seeds and applicators (62) 2019229849</p> <hr/> <p>(71) Alpha Tau Medical Ltd. (21) 2021236578 (22) 24.09.2021 (54) Radiotherapy seeds and applicators (62) 2019229849</p> <hr/> <p>(71) Amazon Technologies, Inc. (21) 2021240176 (22) 29.09.2021 (54) SYSTEM, METHOD AND COMPUTER-READABLE STORAGE MEDIUM FOR CUSTOMIZABLE EVENT-TRIGGERED COMPUTATION AT EDGE LOCATIONS (62) 2020220160</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021236572 (22) 24.09.2021 (54) SYSTEM FOR MANAGING PACKAGES OF SHUFFLED PLAYING CARDS (62) 2019279975</p> <hr/> <p>(71) APPEARITION PRIVATE LIMITED (21) 2021240182 (22) 29.09.2021 (54) SYSTEM AND METHOD FOR SIMULATING RADIO FREQUENCY SIGNAL PROPAGATION THROUGH A PLURALITY OF MEDIUMS (31) 202141034994 (32) 03.08.21 (33) IN</p> <hr/> <p>(71) Apple Inc. (21) 2021236529 (22) 23.09.2021</p>
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(54) Device having integrated interface system
(62) 2018244573

(71) Apple Inc.
(21) 2021240130 (22) 27.09.2021
(54) Intelligent automated assistant
(62) 2019283923

(71) Apple Inc.
(21) 2021240136 (22) 28.09.2021
(54) Systems, methods, and graphical user interfaces for interacting with augmented and virtual reality environments
(62) 2018324085

(71) APTINYX, INC.
(21) 2021240150 (22) 28.09.2021
(54) Spiro-lactam NMDA receptor modulators and uses thereof
(62) 2017306152

(71) Aristocrat Technologies, Inc.
(21) 2021236541 (22) 23.09.2021
(54) LIFT ASSEMBLY AND MOUNT FOR A MONITOR OF AN ELECTRONIC GAMING MACHINE
(31) 63/082,862 (32) 24.09.20 (33) US
63/082,858 24.09.20 US
63/082,854 24.09.20 US
17/384,199 23.07.21 US

(71) Aristocrat Technologies, Inc.
(21) 2021236542 (22) 23.09.2021
(54) SYMBOL FRAME MECHANICS FOR RANDOM BASED GAME OUTCOMES
(31) 16/948,606 (32) 24.09.20 (33) US

(71) Aristocrat Technologies, Inc.
(21) 2021236544 (22) 23.09.2021
(54) FEATURE SYMBOL FRAME MECHANIC FOR RANDOM BASED GAME OUTCOMES
(31) 16/948,607 (32) 24.09.20 (33) US

(71) Aristocrat Technologies Australia Pty Limited
(21) 2021236543 (22) 23.09.2021
(54) A GAMING SYSTEM AND A METHOD OF GAMING
(62) 2019264635

(71) Aristocrat Technologies Australia Pty Limited
(21) 2021240115 (22) 27.09.2021
(54) GAMING DEVICE WITH WHEELS FOR AWARDED COMPOSITE FEATURES

(71) Aristocrat Technologies Australia Pty Limited
(21) 2021240123 (22) 27.09.2021

(54) GAMING DEVICE WITH CHANGING SYMBOL POSITIONS STATES

(71) Aristocrat Technologies Australia Pty Limited
(21) 2021240127 (22) 27.09.2021
(54) GAMING DEVICE WITH MYSTERY CONFIGURABLE SYMBOLS

(71) Aristocrat Technologies Australia Pty Limited
(21) 2021240152 (22) 28.09.2021
(54) GAMING DEVICE WITH FUNCTIONAL WIN CELEBRATION ANIMATION
(31) 2021900305 (32) 09.02.21 (33) AU

(71) Aristocrat Technologies Australia Pty Limited
(21) 2021240220 (22) 29.09.2021
(54) GAMING DEVICE WITH UPGRADABLE FEATURE GAMES

Asia Fastening (US), Inc. see Nucor Corporation
(21) 2021236505

(71) Astellas Institute for Regenerative Medicine
(21) 2021240145 (22) 28.09.2021
(54) Retinal ganglion cells and progenitors thereof
(62) 2015311702

(71) AstraZeneca AB; Ionis Pharmaceuticals, Inc.
(21) 2021240124 (22) 27.09.2021
(54) GLP-1 RECEPTOR LIGAND MOIETY CONJUGATED OLIGONUCLEOTIDES AND USES THEREOF
(62) 2018364621

(71) Aurora Flight Sciences Corporation, a subsidiary of The Boeing Company
(21) 2021236537 (22) 23.09.2021
(54) Object tracking system including stereo camera assembly and methods of use
(31) 63/112,466 (32) 11.11.20 (33) US

(71) Baker Hughes Holdings LLC
(21) 2021240110 (22) 27.09.2021
(54) Slip arrangement
(62) 2019262739

Baxter Healthcare SA see Baxter International Inc.
(21) 2021240147

(71) Baxter International Inc.; Baxter Healthcare SA
(21) 2021240147 (22) 28.09.2021

(54) SYSTEM AND METHOD FOR PERFORMING ALTERNATIVE AND SEQUENTIAL BLOOD AND PERITONEAL DIALYSIS MODALITIES
(62) 2020200961

(71) Bayer HealthCare LLC
(21) 2021236508 (22) 23.09.2021
(54) Systems for determining, and devices for indicating, viable life of replaceable components thereof and methods therefor
(62) 2016304995

(71) Bayer HealthCare LLC
(21) 2021236509 (22) 23.09.2021
(54) Systems for determining, and devices for indicating, viable life of replaceable components thereof and methods therefor
(62) 2016304995

(71) Bayer Pharma Aktiengesellschaft
(21) 2021236502 (22) 22.09.2021
(54) Method for producing 5-hydroxyalkyl-substituted 1-phenyl-1,2,4-triazole derivatives
(62) 2017259872

(71) Bay Shore Systems, Inc.
(21) 2021236552 (22) 24.09.2021
(54) Skid-Steer Loader Attachment Assemblies and Methods for Performing Earth Augering Using a Skid-Steer Loader
(31) 63/173,911 (32) 12.04.21 (33) US

(71) Becton Dickinson France
(21) 2021236558 (22) 24.09.2021
(54) Drug storage and dispensing system for pre-filled containers
(62) 2019253794

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2021240155 (22) 28.09.2021
(54) Control Pulse Generation Method, Apparatus, System, Device And Storage Medium
(31) 202110091055.8 (32) 22.01.21 (33) CN

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2021240156 (22) 28.09.2021
(54) Quantum Control Pulse Generation Method And Apparatus, Device, And Storage Medium
(31) 202110090999.3 (32) 22.01.21 (33) CN

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2021245164 (22) 07.10.2021

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(54) Quantum entangled state processing method and apparatus, device, storage medium, and product

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2021245165 (22) 07.10.2021
(54) Method and device for processing quantum data
(31) 202011297757.3 (32) 18.11.20 (33) CN

BEIJING JINGDONG CENTURY TRADING CO., LTD. see BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO., LTD.

(21) 2021240224

(71) BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO., LTD.; BEIJING JINGDONG CENTURY TRADING CO., LTD.

(21) 2021240224 (22) 29.09.2021
(54) Video sharing implementation method and system
(62) 2017259530

(71) BERNER FACHHOCHSCHULE
(21) 2021240158 (22) 28.09.2021
(54) Efficient electric power conversion
(62) 2017409798

(71) Blackhawk Network, Inc.
(21) 2021236487 (22) 22.09.2021
(54) A system for payment via electronic wallet
(62) 2019246813

(71) Blackhawk Network, Inc.
(21) 2021236489 (22) 22.09.2021
(54) Prepaid card with savings feature
(62) 2019240636

(71) Blindside Group Pty Ltd
(21) 2021240240 (22) 30.09.2021
(54) Fitness equipment
(31) 2020903844 (32) 23.10.20 (33) AU
2021900496 24.02.21 AU

(71) Boehringer Ingelheim Vetmedica GmbH
(21) 2021240192 (22) 29.09.2021
(54) Treatment of metabolic disorders in equine animals
(62) 2020200427

(71) Byford Equipment Pty Ltd
(21) 2021240194 (22) 29.09.2021
(54) Heavy Vehicle Configuration
(62) 2019240700

(71) Cadena Bio, Inc.
(21) 2021236493 (22) 22.09.2021

(54) Oligosaccharide compositions and methods for producing thereof
(62) 2019222849

(71) Cardiatis S.A.; Frid, N.
(21) 2021240135 (22) 28.09.2021
(54) Implantable endoluminal prosthesis
(62) 2016352832

(71) Caterpillar Inc.
(21) 2021236523 (22) 23.09.2021
(54) Machine communication using a multi-stage suitability algorithm
(62) 2016200475

(71) CATERPILLAR INC.
(21) 2021240208 (22) 29.09.2021
(54) DIFFERENT BOUNDARIES FOR IMPLEMENT FUNCTIONS WITH VIRTUAL FENCE TO AVOID TIRE OR STRUCTURAL DAMAGE
(31) 17/079,017 (32) 23.10.20 (33) US

(71) Celgene Corporation
(21) 2021240184 (22) 29.09.2021
(54) Formulations of 2-(4-chlorophenyl)-N-((2-(2,6-dioxopiperidin-3-yl)-1-oxoisindolin-5-yl)methyl)-2,2-difluoroacetamide
(62) 2017205167

(71) Celularity Inc.
(21) 2021240128 (22) 27.09.2021
(54) IMMUNOMODULATION USING PLACENTAL STEM CELLS
(62) 2020200467

(71) Celularity Inc.
(21) 2021240151 (22) 28.09.2021
(54) METHODS OF GENERATING NATURAL KILLER CELLS
(62) 2020202128

(71) CFPH, LLC
(21) 2021236512 (22) 23.09.2021
(54) SYSTEM AND METHOD FOR FACILITATING A WIRELESS FINANCIAL TRANSACTION
(62) 2019279991

(71) CFPH, LLC
(21) 2021240178 (22) 29.09.2021
(54) SYSTEM FOR MANAGING TRADING BETWEEN RELATED ENTITIES
(62) 2019253813

(71) Channel Medsystems, Inc.
(21) 2021236580 (22) 24.09.2021
(54) Exhaust collection bag for cryogenic treatment
(62) 2020210299

(71) Chevron U.S.A. Inc.
(21) 2021240141 (22) 28.09.2021
(54) Process, method, and system for removing mercury from fluids
(62) 2019257535

Commscope Connectivity Australia Pty Ltd. see CommScope Technologies Australia Pty Ltd
(21) 2021236492

(71) CommScope Technologies Australia Pty Ltd; Commscope Connectivity Australia Pty Ltd.
(21) 2021236492 (22) 22.09.2021
(54) Rapid deployment indexing terminal arrangement
(62) 2016221423

(71) Congreve, A.
(21) 2021236539 (22) 23.09.2021
(54) Spectator Garment
(62) 2019275523

(71) Credo Diagnostics Biomedical Pte. Ltd.
(21) 2021236521 (22) 23.09.2021
(54) Method and device for opening an external layer structure of cells using laser
(31) 110120587 (32) 07.06.21 (33) TW

(71) Cripps Clark, J.
(21) 2021236587 (22) 26.09.2021
(54) TranspairPLUS: devices, architectures and methods to improve regulation of economic assets including international monitoring using emerging digital processing technologies including block chain over diverse and expandable types and formats with offline AI, visualization systems, options related to direct tax collection or registration of obligations of payment and matching cash payments to legitimate sources.

(71) Cyclomedica Australia Pty Limited
(21) 2021236486 (22) 22.09.2021
(54) A crucible coupler for a carbon aerosol generator

(71) Daikin Industries, Ltd.
(21) 2021236528 (22) 23.09.2021
(54) Refrigerant-containing composition, use thereof and refrigerator comprising same, and method for operating said refrigerator
(62) 2018389452

Dalle-Nogare, L. see Dalle-Nogare, P.
(21) 2021240105

(71) Dalle-Nogare, P.; Dalle-Nogare, L.
(21) 2021240105 (22) 27.09.2021

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(54) Equine Blanket
(31) 2020903526 (32) 30.09.20 (33) AU

(71) Deere & Company
(21) 2021236479 (22) 22.09.2021
(54) Methods, apparatus, and articles of manufacture to display acquisition paths
(31) 17/078,866 (32) 23.10.20 (33) US

(71) Deere & Company
(21) 2021240107 (22) 27.09.2021
(54) Container load assist system and method for a work vehicle
(31) 17/082,833 (32) 28.10.20 (33) US

(71) Deere & Company
(21) 2021240108 (22) 27.09.2021
(54) Container load assist system and method for a work vehicle
(31) 17/082,806 (32) 28.10.20 (33) US

(71) Deere & Company
(21) 2021240109 (22) 27.09.2021
(54) Self-propelled sprayer suspension travel reduction mechanism
(31) 17/084,059 (32) 29.10.20 (33) US

(71) Deere & Company
(21) 2021240164 (22) 29.09.2021
(54) Diagnostic system visualization and control for an agricultural spraying machine
(31) 17/188,258 (32) 01.03.21 (33) US
63/107,673 30.10.20 US

(71) Deere & Company
(21) 2021240165 (22) 29.09.2021
(54) Camera system visualization and control for an agricultural spraying machine
(31) 17/188,320 (32) 01.03.21 (33) US
63/107,670 30.10.20 US

(71) Deere & Company
(21) 2021240166 (22) 29.09.2021
(54) Agricultural machine spraying mode field map visualization and control
(31) 17/188,210 (32) 01.03.21 (33) US
63/107,672 30.10.20 US

(71) Deere & Company
(21) 2021240168 (22) 29.09.2021
(54) Removable roller with rotation indicator
(31) 17/085,829 (32) 30.10.20 (33) US

(71) Deere & Company
(21) 2021240170 (22) 29.09.2021
(54) Angle folded egress ladder
(31) 20425045.0 (32) 30.10.20 (33) EP

(71) Deere & Company
(21) 2021240171 (22) 29.09.2021
(54) Fiber composite truss panel spray boom
(31) 20382946 (32) 30.10.20 (33) EP

(71) Deere & Company
(21) 2021240236 (22) 30.09.2021
(54) Agricultural nutrient application using real-time spectroscopic analysis of live crop
(31) 17/087,957 (32) 03.11.20 (33) US

(71) Dellas, J.
(21) 2021236568 (22) 24.09.2021
(54) A handheld mobile communication device connected donation receiving apparatus
(62) 2019383467

(71) Denali Therapeutics Inc.
(21) 2021240106 (22) 27.09.2021
(54) Engineered transferrin receptor binding polypeptides
(62) 2018221731

(71) Dexcom, Inc.
(21) 2021236555 (22) 24.09.2021
(54) Applicators for applying transcutaneous analyte sensors and associated methods of manufacture
(62) 2018289327

(71) Dexcom, Inc.
(21) 2021236556 (22) 24.09.2021
(54) Sharing continuous glucose data and reports
(62) 2019204252

(71) Dexcom, Inc.
(21) 2021240217 (22) 29.09.2021
(54) Adaptive interface for continuous monitoring devices
(62) 2019268101

(71) Dolby International AB
(21) 2021240111 (22) 27.09.2021
(54) Layered coding for compressed sound or sound field representations
(62) 2016335090

(71) Dolby International AB
(21) 2021240113 (22) 27.09.2021
(54) Backward-compatible integration of high frequency reconstruction techniques for audio signals
(62) 2019212843

(71) Downes, B.
(21) 2021236589 (22) 26.09.2021

(54) ADJUSTABLE TABLE SURFACE APPARATUS
(31) 2020903916 (32) 29.10.20 (33) AU

(71) ELAFLEX HIBY GmbH & Co. KG
(21) 2021240198 (22) 29.09.2021
(54) Dispensing nozzle
(31) 20198851.6 (32) 29.09.20 (33) EP

(71) ELAFLEX HIBY GmbH & Co. KG
(21) 2021240203 (22) 29.09.2021
(54) Nozzle with discretely switching gas valve and arrangement comprising such a nozzle and a gas return system
(31) 20199140.3 (32) 30.09.20 (33) EP

(71) EQUUS AEROSPACE PTY. LTD.
(21) 2021236585 (22) 25.09.2021
(54) EM-DIR Hydrogen Generator
(31) 2020903476 (32) 26.09.20 (33) AU

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021236482 (22) 22.09.2021
(54) A PATIENT INTERFACE
(62) 2019203650

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021240146 (22) 28.09.2021
(54) PATIENT INTERFACE AND ASPECTS THEREOF
(62) 2020223628

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021240174 (22) 29.09.2021
(54) Methods and systems for delivering gas to a patient
(62) 2020201886

Frid, N. see Cardiatis S.A.
(21) 2021240135

Fukushima, T. see 24M Technologies, Inc.
(21) 2021240160

(71) GENENTECH, INC.
(21) 2021236533 (22) 23.09.2021
(54) Methods of producing two chain proteins in bacteria
(62) 2015342964

(71) Gen-Probe Incorporated
(21) 2021240233 (22) 30.09.2021
(54) A reference device for calibrating or monitoring performance of an optical measurement device
(62) 2016276576

Complete Applications Filed - Name Index cont'd

(71) Gilead Sciences, Inc.
(21) 2021240103 (22) 27.09.2021
(54) Substituted pyrrolizine compounds and uses thereof
(62) 2020203499

(71) GI Scientific, LLC
(21) 2021236526 (22) 23.09.2021
(54) Matter manipulator with conductive coating
(62) 2020230346

(71) Global International Trading Limited
(21) 2021236545 (22) 23.09.2021
(54) Curtain-blind
(31) 2109407.3 (32) 30.06.21 (33) GB

(71) Globe (Jiangsu) Co., Ltd.
(21) 2021236583 (22) 24.09.2021
(54) BUS MODULE, CASCADE MODULE AND BUS MODULE CONTROL METHOD
(31) 202011014644.8 (32) 24.09.20 (33) CN

(71) Google LLC
(21) 2021240206 (22) 29.09.2021
(54) PREPARING SUPERPOSITIONS OF COMPUTATIONAL BASIS STATES ON A QUANTUM COMPUTER
(62) 2019297413

(71) GREEN GRID INC.
(21) 2021236591 (22) 27.09.2021
(54) METHOD AND SYSTEM FOR UTILITY POWER LINES VEGETATION PROXIMITY MONITORING AND CONTROLLING
(31) 16/951,213 (32) 18.11.20 (33) US

(71) Gries, G.
(21) 2021240179 (22) 29.09.2021
(54) ATTRACTANTS FOR MICE
(62) 2017254788

Griffith Hack see Volvo Truck Corporation
(21) 2021240116

(71) HAGER-ELECTRO SAS
(21) 2021240118 (22) 27.09.2021
(54) Electrical distribution device
(31) 20315422.4 (32) 28.09.20 (33) EP

(71) HENSOLDT Sensors GmbH
(21) 2021240112 (22) 27.09.2021
(54) AN ACTIVE PROTECTION SYSTEM AND METHOD OF OPERATING ACTIVE PROTECTION SYSTEMS
(31) 20199573.5 (32) 01.10.20 (33) EP

(71) Honeywell International Inc.
(21) 2021236564 (22) 24.09.2021

(54) Devices, methods, and systems for determining environmental standard compliance
(62) 2018243292

(71) Howmedica Osteonics Corp.
(21) 2021240214 (22) 29.09.2021
(54) Elbow joint prostheses
(62) 2019354606

(71) Huawei Technologies Co., Ltd.
(21) 2021236524 (22) 23.09.2021
(54) Apparatus and method for simplifying repeat performance of a prior performed task based on a context of a mobile device
(62) 2018360224

(71) Huawei Technologies Co., Ltd.
(21) 2021240234 (22) 30.09.2021
(54) SYSTEM AND METHOD FOR USER-BEHAVIOR BASED CONTENT RECOMMENDATIONS
(62) 2020200239

(71) Illinois Tool Works Inc.
(21) 2021236554 (22) 24.09.2021
(54) Improvements relating to lifting of building units
(62) 2018282265

(71) Illumina, Inc.
(21) 2021236488 (22) 22.09.2021
(54) Modified Transposases For Improved Insertion Sequence Bias and Increased DNA Input Tolerance
(62) 2015247779

(71) Impossible Foods Inc.
(21) 2021240241 (22) 30.09.2021
(54) Methods and compositions for consumables
(62) 2019229324

(71) INA Acquisition Corp.
(21) 2021236579 (22) 24.09.2021
(54) PIPE LINER END TERMINATION
(31) 17/034,969 (32) 28.09.20 (33) US

(71) Incloudme Pty Limited
(21) 2021236504 (22) 22.09.2021
(54) ELECTRONIC SYSTEM AND METHOD FOR MANAGING COMMERCIAL ACTIVITIES BETWEEN MEMBERS OF A NETWORK OF USERS

(71) Infinity Retractable Screens Pty Ltd
(21) 2021236574 (22) 24.09.2021
(54) GUIDE TRACK ARRANGEMENT
(62) 2017268647

(71) Inhibrx, Inc.
(21) 2021240153 (22) 28.09.2021
(54) Serpin fusion polypeptides and methods of use thereof
(62) 2015339507

(71) InterDigital Patent Holdings, Inc.
(21) 2021240161 (22) 29.09.2021
(54) Method of access and link adaptation for coverage enhanced wireless transmissions
(62) 2019257505

(71) International Cruise & Excursion Gallery, Inc.
(21) 2021236484 (22) 22.09.2021
(54) System and method for utilizing virtual and real currencies for processing transactions
(62) 2015361218

(71) Intuit Inc.
(21) 2021240180 (22) 29.09.2021
(54) Dynamic reputation score for a digital identity
(62) 2017421256

(71) Ion Channel Innovations, LLC
(21) 2021237963 (22) 27.09.2021
(54) Compositions and methods for treating idiopathic overactive bladder syndrome and detrusor overactivity
(62) 2018265893

Ionis Pharmaceuticals, Inc. see AstraZeneca AB
(21) 2021240124

(71) Ionis Pharmaceuticals, Inc.
(21) 2021240211 (22) 29.09.2021
(54) Compositions and methods for modulating angiotensin-like 3 expression
(62) 2015252895

(71) Jackson III, A.
(21) 2021236497 (22) 22.09.2021
(54) Illuminated endoscopic pedicle probe with replaceable tip
(62) 2020202552

(71) JELD-WEN, Inc.
(21) 2021236519 (22) 23.09.2021
(54) Panel frame joints, sills, and other elements of folding door systems with shootbolt system
(31) 63/082,958 (32) 24.09.20 (33) US
17/448,272 21.09.21 US

(71) J-LOK CO.
(21) 2021236520 (22) 23.09.2021

Complete Applications Filed - Name Index cont'd

(54) Hydraulic and control system for resin injection
(62) 2018364658

(71) Jumpcode Genomics, Inc.
(21) 2021240134 (22) 28.09.2021
(54) Methods for analysis of somatic mobile elements, and uses thereof
(62) 2015222802

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(21) 2021240175 (22) 29.09.2021
(54) MODEL LEARNING APPARATUS, CONTROL APPARATUS, MODEL LEARNING METHOD AND COMPUTER PROGRAM
(31) 2020-173380 (32) 14.10.20 (33) JP

(71) KDB INTELLECTUAL PTY LTD
(21) 2021236491 (22) 22.09.2021
(54) MULTI-LOCK FOR DOORS
(62) 2020205340

(71) Keverian, C.
(21) 2021232771 (22) 16.09.2021
(54) Protein Jelly

(71) Khalil, G.; Al-Dabbagh, A.
(21) 2021236549 (22) 23.09.2021
(54) A Combined RFID, Mechanical Generator and Motion Detector system for a Secure Anti-Theft Device
(31) 2021902879 (32) 06.09.21 (33) AU

(71) Kistler Holding AG
(21) 2021236480 (22) 22.09.2021
(54) METHOD AND DEVICE FOR MEASURING FORCES
(31) 20202759.5 (32) 20.10.20 (33) EP

(71) Kronos Bio, Inc.
(21) 2021240154 (22) 28.09.2021
(54) Polymorphs of Syk inhibitors
(62) 2018321264

(71) LG Electronics Inc.
(21) 2021236573 (22) 24.09.2021
(54) LAUNDRY TREATING APPARATUS
(31) 10-2020-0124476 (32) 25.09.20 (33) KP

(71) Magic Leap, Inc.
(21) 2021240200 (22) 29.09.2021
(54) Virtual/augmented reality system having dynamic region resolution
(62) 2016296579

(71) Magic Leap, Inc.
(21) 2021240222 (22) 29.09.2021

(54) Eye pose identification using eye features
(62) 2016340222

(71) Mallinckrodt Hospital Products IP Limited
(21) 2021236571 (22) 24.09.2021
(54) Device And Method For Diffusing High Concentration NO With Inhalation Therapy Gas
(62) 2016329081

(71) MasterCard International Incorporated
(21) 2021236576 (22) 24.09.2021
(54) Method and system for card link filtering
(62) 2019246904

(71) Mayo Foundation for Medical Education and Research
(21) 2021240126 (22) 27.09.2021
(54) Electroporation for obesity or diabetes treatment
(62) 2016335755

(71) MedImmune Limited
(21) 2021240216 (22) 29.09.2021
(54) Formulations of monoclonal antibodies
(62) 2018227036

(71) Mesoblast International Sarl
(21) 2021240102 (22) 27.09.2021
(54) Method for treating heart failure
(62) 2015371007

(71) Minerva Biotechnologies Corporation
(21) 2021240117 (22) 27.09.2021
(54) Method for inducing cells to less mature state
(62) 2019203097

(71) MITOCHON PHARMACEUTICALS, INC.
(21) 2021240120 (22) 27.09.2021
(54) INDUCED EXPRESSION OF BRAIN DERIVED NEUROTROPHIC FACTOR (BDNF) FOR TREATMENT OF NEUROMUSCULAR, NEURODEGENERATIVE, AUTOIMMUNE, DEVELOPMENTAL AND/OR METABOLIC DISEASES
(62) 2016209255

(71) Monash University
(21) 2021240125 (22) 27.09.2021
(54) NOVEL PHASE CHANGE MATERIAL AND METHODS OF USE
(62) 2017266432

(71) NantKwest, Inc.
(21) 2021236511 (22) 23.09.2021
(54) Modified NK-92 haNK003 cells for the clinic
(62) 2018231193

(71) Newcrest Mining Limited
(21) 2021236498 (22) 22.09.2021
(54) METHOD OF INSTALLING PROTECTIVE MESH LINING IN AN UNDERGROUND TUNNEL

(71) Nicoventures Trading Limited
(21) 2021240163 (22) 29.09.2021
(54) Aerosol-generating material rod segment
(62) 2018335829

(71) Nicoventures Trading Limited
(21) 2021240219 (22) 29.09.2021
(54) Aerosol generation
(62) 2019228125

(71) Nucor Corporation; Asia Fastening (US), Inc.
(21) 2021236505 (22) 22.09.2021
(54) Double threaded standoff fastener
(62) 2017202707

(71) Nutrition 21, LLC
(21) 2021240122 (22) 27.09.2021
(54) Arginine silicate inositol for improving cognitive function
(62) 2016287489

(71) O'Halloran, M.
(21) 2021236485 (22) 22.09.2021
(54) APPARATUS AND METHOD FOR PREVENTING DAMAGE TO BUILDING STRUCTURES BY WATER SEEPAGE

(71) Oriel Seasalt Company Limited
(21) 2021236518 (22) 23.09.2021
(54) A HIGHLY CONCENTRATED SEAWATER MINERAL EXTRACT AND USES THEREOF
(62) 2016282382

(71) OXTI CORPORATION
(21) 2021236499 (22) 22.09.2021
(54) DESK WITH DUAL DESKTOPS

(71) Paltronics Australasia Pty Limited
(21) 2021240238 (22) 30.09.2021
(54) A METHOD OF PROVIDING A TABLE GAME AND AN ASSOCIATED SYSTEM

Parkes, P. see Parkes, B.
(21) 2021236582

(71) Parkes, B.; Parkes, P.
(21) 2021236582 (22) 24.09.2021
(54) PARKLAND SEWERAGE SYSTEM

Complete Applications Filed - Name Index cont'd

(71) Pastoral Greenhouse Gas Research Ltd
 (21) 2021240230 (22) 30.09.2021
 (54) Vaccines and vaccine components for inhibition of microbial cells
 (62) 2019203617

(71) PONGRASS, R.G.
 (21) 2021236510 (22) 23.09.2021
 (54) Tufting system
 (62) PCT/AU2020/051262

(71) Prysmian S.p.A.
 (21) 2021240149 (22) 28.09.2021
 (54) Connection box for cables
 (31) 102020000022771 (32) 28.09.20 (33) IT

(71) Prysmian S.p.A.
 (21) 2021240207 (22) 29.09.2021
 (54) Optical fiber connector and related method
 (31) 102020000023317 (32) 02.10.20 (33) IT

(71) Qingdao University of Technology; Shanghai Jinzhao Energy Saving Technology Co.,Ltd.; Shanxi Jinzhao Aviation Technology Co., Ltd.
 (21) 2021236566 (22) 24.09.2021
 (54) Intelligent switching system for switching internal cooling and external cooling based on minimal quantity lubrication and method
 (31) 2020112416672 (32) 09.11.20 (33) CN

(71) Qingdao University of Technology; Shanghai Jinzhao Energy Saving Technology Co.,Ltd.; Shanxi Jinzhao Aviation Technology Co., Ltd.
 (21) 2021236567 (22) 24.09.2021
 (54) Internal cooling/external cooling-switching milling minimum-quantity-lubrication intelligent nozzle system and method
 (31) 2020112401605 (32) 09.11.20 (33) CN

(71) Qingdao University of Technology; Shanxi Jinzhao Aviation Technology Co., Ltd.
 (21) 2021236569 (22) 24.09.2021
 (54) Aeronautical aluminum alloy minimum-quantity-lubrication milling machining device
 (31) 2020115290271 (32) 22.12.20 (33) CN

(71) Quanta Associates, L. P.
 (21) 2021240210 (22) 29.09.2021
 (54) Direct current meter and method of use
 (62) 2016270351

(71) Quzhou Weirong Pharmaceutical & Chemical Co Ltd
 (21) 2021236584 (22) 25.09.2021

(54) Pharmaceutical composition, furoaldone hydrochloride and preparation method and application method thereof
 (31) CN202110480502.9(32) 30.04.21 (33) CN

(71) Recurium IP Holdings, LLC
 (21) 2021240162 (22) 29.09.2021
 (54) EGFR inhibitor compounds
 (62) 2017269335

Regeneron Pharmaceuticals, Inc. see Sanofi Biotechnology
 (21) 2021236538

(71) Regenesance B.V.
 (21) 2021240139 (22) 28.09.2021
 (54) Antibodies that bind human C6 and uses thereof
 (62) 2015365583

(71) Remsafe Pty Ltd
 (21) 2021236563 (22) 24.09.2021
 (54) An equipment isolation switch assembly
 (62) 2020203048

(71) ResMed Pty Ltd
 (21) 2021240144 (22) 28.09.2021
 (54) Headgear for a Patient Interface
 (62) 2021209182

(71) Rolapal Limited
 (21) 2021236483 (22) 22.09.2021
 (54) A wheelchair
 (31) 766300 (32) 16.10.20 (33) NZ

(71) Rolapal Limited
 (21) 2021240114 (22) 27.09.2021
 (54) A cushion

(71) Sage Products, LLC
 (21) 2021240138 (22) 28.09.2021
 (54) Devices and Systems for Urine Collection
 (62) 2019221663

(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
 (21) 2021236538 (22) 23.09.2021
 (54) Methods for treating atopic dermatitis by administering an il-4r antagonist
 (62) 2019279946

(71) Sartorius Stedim Chromatography Systems Ltd.
 (21) 2021236507 (22) 23.09.2021
 (54) OPTIMIZING OPERATING BINDING CAPACITY FOR A MULTIPLE COLUMN CHROMATOGRAPHY PROCESS
 (62) 2016203494

(71) Schneider Electric USA, Inc.
 (21) 2021236534 (22) 23.09.2021
 (54) SYSTEMS AND METHODS FOR ANALYZING POWER QUALITY EVENTS IN AN ELECTRICAL SYSTEM
 (62) 2019204827

(71) SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
 (21) 2021240193 (22) 29.09.2021
 (54) SOLAR CELL, METHOD FOR MANUFACTURING THE SAME, AND PHOTOVOLTAIC MODULE
 (31) 202111040162.4 (32) 06.09.21 (33) CN

Shanghai Jinzhao Energy Saving Technology Co.,Ltd. see Qingdao University of Technology
 (21) 2021236566

Shanghai Jinzhao Energy Saving Technology Co.,Ltd. see Qingdao University of Technology
 (21) 2021236567

Shanxi Jinzhao Aviation Technology Co., Ltd. see Qingdao University of Technology
 (21) 2021236566

Shanxi Jinzhao Aviation Technology Co., Ltd. see Qingdao University of Technology
 (21) 2021236567

Shanxi Jinzhao Aviation Technology Co., Ltd. see Qingdao University of Technology
 (21) 2021236569

(71) SHAW-ALMEX INDUSTRIES LIMITED
 (21) 2021236550 (22) 24.09.2021
 (54) ADVANCED COMPONENT BASED CONVEYOR BELT SPLICER
 (62) 2016322039

(71) Shire Human Genetic Therapies, Inc.
 (21) 2021236557 (22) 24.09.2021
 (54) METHODS AND COMPOSITIONS FOR CNS DELIVERY OF ARYL-SULFATASE A
 (62) 2019204051

(71) Sight Sciences, Inc.
 (21) 2021240226 (22) 30.09.2021
 (54) OCULAR DELIVERY SYSTEMS AND METHODS
 (62) 2015390071

Complete Applications Filed - Name Index cont'd

(71) Singh, B.
(21) 2021236495 (22) 22.09.2021
(54) Deuterated or a non-deuterated molecule and pharmaceutical formulations
(62) 2019250097

(71) Sipco Pty Ltd
(21) 2021236540 (22) 23.09.2021
(54) Detection and Alerting System for Precursors to Spoilage or Spontaneous Combustion and the Method thereof
(31) 2020904680 (32) 16.12.20 (33) AU

(71) Smart Electronic Industrial (Dong Guan) Co., Ltd.
(21) 2021240140 (22) 28.09.2021
(54) DOOR LOCK DEVICE AND DOOR LOCK HAVING THE SAME
(31) 202022866081.7 (32) 03.12.20 (33) CN

(71) Snap-on Incorporated
(21) 2021236562 (22) 24.09.2021
(54) PORTABLE ELECTRIC RESCUE TOOL
(31) 17/079,808 (32) 26.10.20 (33) US

(71) Soft Rigging Solutions Pty Ltd
(21) 2021236536 (22) 23.09.2021
(54) A SAFETY ASSEMBLY SECURING A TIPPING TRAY IN A RAISED POSITION
(62) 2021203622

(71) Specialist Health Solutions Limited
(21) 2021236474 (22) 22.09.2021
(54) UV light monitoring system for a UV decontamination apparatus
(31) 2014942.3 (32) 22.09.20 (33) GB

(71) Sungrow Power Supply Co., Ltd.
(21) 2021236475 (22) 22.09.2021
(54) Method and device for detecting direct current arc, and string inverter
(31) 202011131658.8 (32) 21.10.20 (33) CN

(71) TECHNOLOGIES ENDURIDE INC
(21) 2021240239 (22) 30.09.2021
(54) BELT CONVEYOR ROLLER WEAR LINER, BELT CONVEYOR ROLLER AND COVEYOR INCLUDING SAME AND CORRESPONDING METHOD
(31) 63/117,075 (32) 23.11.20 (33) US

(71) Terra Quantum AG
(21) 2021236516 (22) 23.09.2021
(54) METHOD, APPARATUS, COMPUTER PROGRAM AND DATA CARRIER FOR DETERMINING A SHARED SECRET CRYPTOGRAPHIC KEY
(31) 20200370.3 (32) 06.10.20 (33) EP

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2021240137 (22) 28.09.2021
(54) Methods for manipulating phagocytosis mediated by CD74
(62) 2019253783

(71) The Brigham and Women's Hospital, Inc.
(21) 2021240191 (22) 29.09.2021
(54) Methods for generating functional hematopoietic stem cells
(62) 2016362508

(71) The Coca-Cola Company
(21) 2021240204 (22) 29.09.2021
(54) Frozen beverage composition containing hydrolyzed pea protein
(62) 2017232497

(71) The J. David Gladstone Institutes, A Testamentary Trust Established Under The Will of J. David Gladstone
(21) 2021236501 (22) 22.09.2021
(54) Methods for inducing cell division of postmitotic cells
(62) 2016246655

(71) THE MENOPAUSE METHOD, INC.
(21) 2021236517 (22) 23.09.2021
(54) COMPOSITION AND METHOD TO AID IN HORMONE REPLACEMENT THERAPY

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2021240286 (22) 01.10.2021
(54) Delivery of packaged RNA to mammalian cells
(62) 2019201911

(71) Tokamak Energy Ltd
(21) 2021240133 (22) 28.09.2021
(54) HIGH TEMPERATURE SUPERCONDUCTOR MAGNET
(62) 2019360423

(71) Treace Medical Concepts, Inc.
(21) 2021236565 (22) 24.09.2021
(54) Joint spacer systems and methods
(62) 2016323600

(71) UMC Utrecht Holding B.V.
(21) 2021236513 (22) 23.09.2021
(54) Anti-GD2 antibody for the treatment of neuroblastoma
(62) 2018336017

(71) Veripath, Inc.
(21) 2021236515 (22) 23.09.2021

(54) METHODS AND SYSTEMS FOR USER OPT-IN TO DATA PRIVACY AGREEMENTS
(62) 2018230973

(71) View, Inc.
(21) 2021236496 (22) 22.09.2021
(54) Counter electrode for electrochromic devices
(62) 2016294343

(71) Visa International Service Association
(21) 2021240119 (22) 27.09.2021
(54) Location verification during dynamic data transactions
(62) 2017234432

(71) Vision Ease, LP
(21) 2021236531 (22) 23.09.2021
(54) Cracking resistant coating and method thereof
(62) 2016232772

(71) Vockler, P.
(21) 2021240169 (22) 29.09.2021
(54) A puddle flange installation attachment
(31) 2020903523 (32) 30.09.20 (33) AU

(71) Volvo Truck Corporation; Griffith Hack
(21) 2021240116 (22) 27.09.2021
(54) Truck or tractor vehicle with adjustable panhard bar and method for adjusting alignment of a truck or tractor vehicle cab relative to a truck or tractor vehicle frame
(31) 17/085,163 (32) 30.10.20 (33) US

(71) VulcanForms Inc.
(21) 2021240172 (22) 29.09.2021
(54) Additive manufacturing by spatially controlled material fusion
(62) 2016295394

(71) W. L. Gore & Associates, Inc.
(21) 2021236494 (22) 22.09.2021
(54) Artificial chordae tendineae repair devices and delivery thereof
(62) 2018388998

(71) W. L. Gore & Associates, Inc.
(21) 2021236548 (22) 23.09.2021
(54) Sutures with porosity reducing elements and related medical devices
(62) 2018389114

(71) Warsaw Orthopedic, Inc.
(21) 2021236551 (22) 24.09.2021
(54) Expandable spinal implant system and method
(62) 2016339970

Complete Applications Filed - Name Index cont'd

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- (71) WATER 2 HYDROGEN (IP) PTY LTD
(21) 2021240157 (22) 28.09.2021
(54) AN INTERNAL COMBUSTION ENGINE AND METHOD OF OPERATING AN INTERNAL COMBUSTION ENGINE
(62) 2019262098
-
- (71) Watt Fuel Cell Corp.
(21) 2021236514 (22) 23.09.2021
(54) Thermal management of fuel cell units and systems
(62) 2015317298
-
- (71) Welltec Oilfield Solutions AG
(21) 2021240167 (22) 29.09.2021
(54) Downhole completion system
(62) 2018240331
-
- (71) Welsh-Brockman, A.
(21) 2021240213 (22) 29.09.2021
(54) POSEABLE AND SELF-STANDING DOLL COMPRISING INTERNAL WIRING AND METHODS OF MAKING AND USING THE SAME
(31) 17/172,425 (32) 10.02.21 (33) US
17/481,982 22.09.21 US
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- (71) Westinghouse Air Brake Technologies Corporation
(21) 2021240159 (22) 29.09.2021
(54) MULTI-VEHICLE BRAKING SYSTEM
(31) 63/085,458 (32) 30.09.20 (33) US
17/468,773 08.09.21 US
-
- (71) Williams, A.
(21) 2021236506 (22) 22.09.2021
(54) A brushing device
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
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- 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
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- N Applications not Open to Public Inspection

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2001077293 (14)	2001077326 (14)	2001077327 (14)
2001077333 (14)	2001077336 (14)	2001077382 (14)
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2002027647 (14)	2002027668 (14)	2002027693 (14)
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2004201130 (14)	2004201173 (14)	2004201235 (14)
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2006226714 (14)	2006226847 (14)	2006227571 (14)
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2007201176 (14)	2007201199 (14)	2007201201 (14)
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2007227292 (14)	2007227389 (14)	2007228535 (14)
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2008229393 (14)	2008229649 (14)	2008230367 (14)
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2009201103 (14)	2009201170 (14)	2009201179 (14)
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2009230170 (14)	2009230171 (14)	2009230545 (14)	2015233513 (5C)	2015236088 (4C)	2015236128 (4C)
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2010200492 (14)	2010201095 (14)	2010201100 (14)	2015291487 (5C)	2015322089 (14)	2015327954 (5C)
2010226458 (14)	2010227355 (14)	2010228217 (14)	2015349589 (4C)	2015358413 (5C)	2015361218 (5C)
2010228294 (14)	2010228760 (14)	2010228934 (14)	2015363025 (5C)	2015372572 (4C)	2015387543 (4C)
2010228999 (14)	2010229850 (14)	2010229989 (14)	2015387556 (14)	2015388462 (4C)	
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2011230612 (14)	2011231109 (14)	2011231417 (14)	2016238827 (14)	2016239643 (4C)	2016239746 (4C)
2011231622 (14)	2011231630 (14)	2011231638 (14)	2016239887 (14)	2016241764 (4C)	2016243128 (4C)
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2011238752 (14)	2011240221 (14)	2011258832 (14)	2016290892 (5C)	2016330322 (5C)	2016352832 (5C)
2011330871 (14)	2011362786 (14)	2011363361 (14)	2016355863 (5C)	2016357160 (5C)	2016366790 (5C)
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2012201654 (14)	2012201735 (14)	2012201768 (14)	2017201878 (14)	2017201932 (4A)	2017201963 (4B)
2012230293 (14)	2012230294 (14)	2012230835 (14)	2017201970 (4B)	2017201971 (4B)	2017201975 (4B)
2012231106 (14)	2012231547 (14)	2012231548 (14)	2017201987 (4C)	2017202024 (14)	2017202025 (14)
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2012234336 (14)	2012235784 (14)	2012236679 (14)	2017203352 (1B)	2017204207 (14)	2017213476 (14)
2012237486 (14)	2012237667 (14)	2012238928 (14)	2017216176 (25D)	2017229635 (4C)	2017234680 (5C)
2012239223 (14)	2012240553 (14)	2012240560 (14)	2017236576 (14)	2017238024 (14)	2017238225 (14)
2012243970 (14)	2012244323 (14)	2012246314 (14)	2017238313 (14)	2017240507 (14)	2017241591 (4C)
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2013101308 (22)	2013101317 (22)	2013101320 (22)	2017248559 (1B)	2017248567 (1B)	2017248570 (1B)
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2013203457 (14)	2013203464 (14)	2013203469 (14)	2017266432 (5C)	2017302019 (5C)	2017344411 (1B)
2013203472 (14)	2013203510 (14)	2013231170 (14)	2017344751 (1B)	2017344760 (1B)	2017344882 (1B)
2013234797 (14)	2013234799 (14)	2013234827 (14)	2017345306 (1B)	2017345317 (1B)	2017345325 (1B)
2013234894 (14)	2013236960 (14)	2013237262 (14)	2017345367 (1B)	2017345402 (1B)	2017345510 (1B)
2013237575 (14)	2013239441 (14)	2013239506 (14)	2017345574 (1B)	2017345600 (1B)	2017345764 (1B)
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2014234958 (14)	2014234961 (5C)	2014241262 (14)	2018100373 (22E)	2018201144 (14)	2018201394 (1B)
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2014242824 (14)	2014243068 (14)	2014243082 (14)	2018204398 (14)	2018206750 (14)	2018243292 (5C)
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2020

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2021103142 (16NN) 2021103284 (16NN) 2021103841 (18AN)
 2021104009 (18AN) 2021104228 (18AN) 2021200259 (12A)
 2021205036 (1B) 2021205043 (1B) 2021229126 (12A)
 2021901804 (12AN)

Assignments before Grant, Section 113

2015

2015376872 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2015409439 Metso Minerals, Inc. The application has been assigned to **METSO OUTOTEC FINLAND OY**

2016

2016215527 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2016222831 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2016226361 Ecolab Usa Inc. The application has been assigned to **ChampionX USA Inc.**

2016301235 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2016303647 General Electric Company The application has been assigned to **BL Technologies, Inc.**

2016348440 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2016358092 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2016359679 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2016364837 General Electric Company The application has been assigned to **BL Technologies, Inc.**

Assignments before Grant, Section 113

2016368277 General Electric Company The application has been assigned to **BL Technologies, Inc.**

2017

2017205434 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017205435 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017205504 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017222630 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017222670 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017234255 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017237730 Bazoberry, Carlos The application has been assigned to **Bazoberry, LLC**

2017257491 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017257627 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017277654 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2017303971 The Governors of the University of Alberta The application has been assigned to **Forge Hydrocarbons Corporation**

2017310526 Iwanowicz, Edwin; Nanjing Gator Meditech Company, Ltd. The application has been assigned to **Madera Therapeutics, LLC; Iwanowicz, Edwin**

2017310529 Iwanowicz, Edwin; Nanjing Gator Meditech Company, Ltd. The application has been assigned to **Madera Therapeutics, LLC; Iwanowicz, Edwin**

2017337293 Dyesol Ltd The application has been assigned to **Greatcell Energy Pty Ltd**

2017366988 General Electric Company The application has been assigned to **BL Technologies, Inc.**

2018

2018218250 Georgia Tech Research Corporation; Shell Internationale Research Maatschappij B.V. The application has been assigned to **Air Liquide Advanced Technologies U.S., LLC; Georgia Tech Research Corporation**

2018304201 Shugarman, Alan; Neubauer, Michael The application has been assigned to **SpinLabel Technologies, Inc.**

Assignments before Grant, Section 113

2018319025 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2018329970 Mayerle, Dean The application has been assigned to **Tritana Intellectual Property Ltd.**

2018371675 Rebus Corporation Pty Ltd. The application has been assigned to **MuPangU Pty Ltd**

2019

2019200609 Mayerle, Dean The application has been assigned to **Tritana Intellectual Property Ltd.**

2019209761 Kongsberg Maritime CM AS The application has been assigned to **Kongsberg Maritime AS**

2019219200 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH The application has been assigned to **BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2019353541 Mayerle, Dean The application has been assigned to **Tritana Intellectual Property Ltd.**

2019416021 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2020

2020200815 Lampuga GmbH The application has been assigned to **WBV Weisenburger Bau+Verwaltung GmbH**

2020201360 REBUS CORPORATION PTY LTD The application has been assigned to **ERIS TECHNOLOGY PTY LTD**

2020210924 ROGCON U.R., INC. The application has been assigned to **The Florey Institute of Neuroscience and Mental Health**

2020228019 Statter, Harry; HAS LLC The application has been assigned to **HAS LLC**

2020903198 KDH Design Co., Ltd. The application has been assigned to **Jarvish PTY LTD.**

2021

2021221569 Datamars Limited The application has been assigned to **Datamars SA**

2021232713 Nicoventures Holdings Limited The application has been assigned to **Nicoventures Trading Limited**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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.

2004

2004205153 **Crab N' Gear Pty Ltd** An application to extend the time from 23 Aug 2020 to 23 Aug 2021 in which to pay a renewal fee has been filed . Address for service - CRABNCO PTY LTD 17 Burwood Tce Clontarf QLD 4019 AU

2010

2010364318 **DuCool Ltd.** An application to extend the time from 23 Nov 2020 to 23 Aug 2021 in which to pay a renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2013

2013302327 **Spinergy Pty Ltd** An application to extend the time from 19 Aug 2020 to 19 Sep 2021 in which to pay a renewal fee has been filed . Address for service - Outhred Outhred 52 Prospect Rd Prospect SA 5082 AU

2014

2014302193 **Otoharmonics Corporation** An application to extend the time from 27 Jun 2020 to 27 Aug 2021 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD Level 7 863 Hay Street Perth WA 6000 AU

2014302199 **Otoharmonics Corporation** An application to extend the time from 27 Jun 2020 to 27 Aug 2021 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD Level 7 863 Hay Street Perth WA 6000 AU

2016

2016228969 **Ocean Vision Environmental Research Pty Ltd** An application to extend the time from 11 Mar 2021 to 11 Oct 2021 in which to pay a renewal fee has been filed . Address for service - OCEAN VISION ENVIRONMENTAL RESEARCH PTY LTD 75 Glanton Way DIANELLA WA 6059 AU

2017

2017279585 **Handan Shiwei New Materials Co. Ltd.** An application to extend the time from 19 Mar 2020 to 19 Jul 2021 in which to pay the acceptance fee has been filed . Address for service - Armour IP Pty Ltd PO BOX 3099 Broadway Nedlands WA 6009 AU

2019

2019253808 **Axiflux Holdings Pty Ltd** An application to extend the time from 09 Dec 2020 to 09 Feb 2022 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020200713 **Splunk Inc.** An application to extend the time from 26 Jan 2021 to 26 Jan 2022 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2006

2006318607 **Nightgear LLC** The time in which to pay a renewal fee has been extended to 20 Jul 2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2010

2010314809 **Asset Institute** The time in which to pay a renewal fee has been extended to 03 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011

2011232339 **Kaltura, Inc.** The time in which to pay the renewal fee has been extended to 24 Jan 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2014

2014100769 **Macau University of Science and Technology** The time in which to pay a renewal fee has been extended to 04 Jun 2021 . Address for service - BRM Patent Attorneys Pty Ltd Level 14 333 Collins Street Melbourne VIC 3000 AU

2014101378 **Macau University of Science and Technology** The time in which to pay a renewal fee has been extended to 18 May 2021 . Address for service - CreateIP PO Box 21445 Edgware Christchurch 8143 NZ

2014240772 **FABtale productions Pty Ltd** The time in which to pay a renewal fee has been extended to 28 Jun 2021 . Address for service - Southern Cross Intellectual Property P.O. Box 8026 WELLINGTON 6143 NZ

2015

2015101749 **Macau University of Science and Technology** The time in which to pay a renewal fee has been extended to 03 Jul 2021 . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

2016

2016257142 **360 Pop Up Gym Pty Ltd** The time in which to pay a renewal fee has been extended to 03 Jun 2021 . Address for service - 360 POP UP GYM PTY LTD 1 Marloo Ct Buddina QLD 4575 AU

2016373563 **GBT Travel Services UK Ltd** The time in which to pay a continuation fee has been extended to 16 Jul 2021 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2017

2017322397 **The Council of the Queensland Institute of Medical Research** The time in which to request examination has been extended to 16 Sep 2021 . Address for service - James & Wells Intellectual Property GPO BOX 1301 Canberra ACT 2601 AU

2017345317 **SmartKable, LLC** The time in which to request examination has been extended to 27 Oct 2021 . Address for service - Sandercock & Cowie 1/410 Burwood Highway Wantirna South VIC 3152 AU

Extensions of Time, Section 223

2020

2020200955 **Hayes, T.** The time in which to pay a renewal fee has been extended to 23 May 2021 . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

2020207833 **Aglive International Pty Ltd** The time in which to pay a continuation fee has been extended to 21 Jul 2021 . Address for service - Wallington-Dummer SE 1005, 37 Bligh St Sydney NSW 2000 AU

2021

2021103637 **Malviya, R.; Sundram, S.; Awasthi, R.; Mishra, S.; Jindal, S.; Srivastava, S.P.; Raj, K.; Kumar, V.; Singh, B.; Balusamy, B.; Dhanaraj, R.K.; Fuloria, N.K.** The time in which to comply with a direction under Reg 3.2B has been extended to 15 Oct 2021 . Address for service - Rishabha Malviya Professor, La Trobe University Computer Science & Computer Engineering Melbourne VIC 3086 AU

2021103715 **CHARFONT LIMITED** The time in which to comply with a direction under Reg 3.2B has been extended to 23 Oct 2021 . Address for service - Taiky Ong U 927 4 Avon Rd Pymble NSW 2073 AU

2021204373 **Weber, P.** The time in which to make a further application for a divisional patent has been extended to 02 Jul 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2021209181 **InExtreme Enterprises Pty Ltd** The time in which to claim the convention priority date has been extended to 04 Aug 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 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.

2013

2013246435 A novel cholesterol metabolite, 5-cholesten-3beta-25-diol, disulfate (2HCDS) for therapy of metabolic disorders, hyperlipidemia, diabetes, fatty liver diseases and atherosclerosis **Virginia Commonwealth University** The nature of the amendment is: To add co-patentee The United States Government as represented by The Department of Veterans Affairs . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015

2015357535 Antibodies targeting G-protein coupled receptor and methods of use **Memorial Sloan-Kettering Cancer Center ; Eureka Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Brentjens, Renier J.; Smith, Eric L.; Liu,

Amendments

Cheng and Liu, Hong . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016210770 METHOD AND APPARATUS FOR INDICATING CONDITIONS **Bartco Traffic Equipment Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 02 Sep 2021 . Address for service - Pini IP 638 Queensberry Street North Melbourne VIC 3051 AU

2016317839 Locomotive electrical systems simulator **BNSF Railway Company** The nature of the amendment is as shown in the statement(s) filed 30 Sep 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2016321431 Bioorthogonal compositions **Tambo, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Sep 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2017

2017208912 Cloquintocet salts for safening pyroxsulam compositions **Dow AgroSciences LLC** The nature of the amendment is as shown in the statement(s) filed 06 Oct 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2017263585 User terminal and radio communication method **NTT DoCoMo, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Oct 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017268646 A novel cholesterol metabolite, 5-cholesten-3beta-25-diol, disulfate (25HCDS) for therapy of metabolic disorders, hyperlipidemia, diabetes, fatty liver diseases and atherosclerosis **Virginia Commonwealth University** The nature of the amendment is: To add co-patentee The United States Government as represented by The Department of Veterans Affairs . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017272279 A steering apparatus for a steered vehicle **Marine Canada Acquisition Inc. ; Clarke , D.** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017291794 1H-pyrazolo[4,3-b]pyridines as PDE1 inhibitors **H. Lundbeck A/S** The nature of the amendment is as shown in the statement(s) filed 01 Oct 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017295313 Three-dimensional logic puzzle **Trimiti Moebius Design Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2021 . Address for service - COOPER IP PTY. LTD. 181 Bay Street Brighton VIC 3186 AU

2017431197 Air mattress system and control method of air mattress system **lobed Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Sep 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018201455 Film-forming compositions for the film-coating of solid forms **Roquette Freres** The nature of the amendment is as shown

Amendments

in the statement(s) filed 10 Jun 2021 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2018201735 Wear part monitoring **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2021 . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2018204209 Method and compositions for cellular immunotherapy **Fred Hutchinson Cancer Research Center ; Seattle Children's Hospital d/b/a Seattle Children's Research Institute** The nature of the amendment is as shown in the statement(s) filed 02 Sep 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2018271326 GENETICALLY MODIFIED MAJOR HISTOCOMPATIBILITY COMPLEX MICE **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Sep 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018312763 Laundry treatment apparatus and method of controlling the same **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Sep 2021 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2018347541 1-benzyl-2-imino-4-phenyl-5-oxoimidazolidine derivatives as HIV protease inhibitors **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019201394 Monitoring ground-engaging products from earth working equipment **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 23 Aug 2021 . Address for service - MINTER ELLISON Attention: Grant Williams Rialto Towers 525 Collins St Melbourne VIC 3000 AU

2020

2020256408 Session context conversion **Nokia Technologies Oy** The nature of the amendment is as shown in the statement(s) filed 07 Oct 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021105058 RAPID VISUAL COLORIMETRIC DETECTION METHOD FOR ENVIRONMENTAL POLLUTANT SULFIDE IONS BASED ON PEROXIDASE-LIKE DNAZYME **SHIJIAZHANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA ; BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING ; North China Electric Power University** The nature of the amendment is: Amend the name of the Patentees to read SHIJIAZHANG TECHNOLOGY CENTER FOR CUSTOMS DISTRICT P.R.CHINA; BEIJING RESEARCH CENTER FOR AGRICULTURAL STANDARDS AND TESTING; North China Electric Power University and Hebei Medical University . Address for service - Alder IP Pty Ltd Suite 202 24 Thomas Street CHATSWOOD NSW 2067 AU

Amendments Made

Amendments

2004

2004289252 **ProThera Biologics, Inc.** The nature of the amendment is as shown in the statements filed 24 Mar 2021, 02 Jun 2021 and 23 Jun 2021

2014

2014298373 **argenx SE; Ludwig Institute For Cancer Research Ltd; Universite catholique de Louvain** The nature of the amendment is: Amend the name of the inventor to read Lucas, Sophie; Coulie, Pierre; Cuende Villasur, Julia; Dumoutier, Laure; Renaud, Jean-Christophe; Van Der Woning, Sebastian; Saunders, Michael; De Haard, Hans and De Boeck, Gitte

2015

2015258169 **Total Hardware Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Hsu, Kuang-Sheng

2015277795 **Caterpillar Inc.** The nature of the amendment is as shown in the statement filed 17 Jun 2021

2015357518 **Memorial Sloan-Kettering Cancer Center; Eureka Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Brentjens, Renier J.; Smith, Eric L.; Liu, Cheng and Liu, Hong

2016

2016201557 **RODA IBÉRICA, S.L.** The nature of the amendment is as shown in the statement filed 02 Jul 2021

2016289480 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 13 Jul 2021

2016401619 **Husqvarna AB** The nature of the amendment is: Amend the invention title to read A gearbox for a rack and pinion linear transmission and drillstand including a gearbox and a rack

2017

2017362480 **Bono, P.** The nature of the amendment is: Amend the name of the inventor to read Bono, Peter L.; Lark, James D.; Scales, John S. and Lord, Thomas J.

2017362721 **Potenza Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read HICKLIN, Daniel; SEIDEL-DUGAN, Cynthia; WINSTON, William; SALMERON-GARCIA, Jose-Andres; BRODKIN, Heather; KLEFFEL, Sonja and NIELSON, Nels P.

2017366693 **Arvinas Operations, Inc.** The nature of the amendment is: Amend the name of the inventor to read Crew, Andrew P.; Qian, Yimin; Dong, Hanqing; Wang, Jing and Hornberger, Keith R.

2017379796 **IsoCure Biosciences Inc.** The nature of the amendment is: To amend the applicant name to IsoCure Biosciences Inc.

2018

2018211204 **NATIONAL CHIN-YI UNIVERSITY OF TECHNOLOGY** The nature of the amendment is: Amend the name of the

Amendments

inventor to read CHEN, Chi-Chun; YANG, Cheng-Wei; TSENG, Ji-un-Yuan; WANG, San-Fu and FENG, Hui-Jyun

2018215307 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2018243067 **Li, L.** The nature of the amendment is as shown in the statement filed 10 Jun 2021

2018317258 **Nantong CIMC-Special Transportation Equipment Manufacture Co., Ltd.; China International Marine Containers (Group) Ltd.; CIMC Containers Holding Company Ltd.** The nature of the amendment is as shown in the statement filed 07 Jul 2021

2018371137 **Valorex** The nature of the amendment is as shown in the statement filed 25 Jun 2021

2018407813 **Nissei Company, Ltd.** The nature of the amendment is: Amend the invention title to read FROZEN DESSERT, SOFT ICE CREAM, FROZEN DESSERT RAW MATERIAL AND PRODUCTION METHOD FOR FROZEN DESSERT

2018413673 **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.** The nature of the amendment is as shown in the statement filed 01 Jul 2021

2019

2019201314 **ViaCyte, Inc.** The nature of the amendment is: Amend the name of the inventor to read Agulnick, Alan D.; Kelly, Olivia; Ohl, Yuki; Robins, Allan J. and Schulz, Thomas

2019230497 **Guangdong Raynovent Biotech Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read XIONG, Jian; CHEN, Xiaoxin; WANG, Jingjing; LIU, Zhuowei; CHEN, Kevin X; LIU, Chengwu; XIE, Cheng; LONG, Chaofeng; LI, Peng; LI, Jian and CHEN, Shuhui

2019236614 **Antecip Bioventures II LLC** The nature of the amendment is as shown in the statement filed 13 Jul 2021

2019273559 **Nihon Nohyaku Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 24 May 2021

2019287350 **Safran Electronics & Defense** The nature of the amendment is as shown in the statements filed 29 Mar 2021 and 28 Jun 2021

2020

2020104129 **UES (Int'l) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Bao, John

2020206799 **Simpson Strong-Tie Company Inc.** The nature of the amendment is: Amend the name of the inventor to read HOLLAND, Rachel Marie; STAUFFER, Timothy M; ANG, Benedict and LIN, Jin-Jie

2020229374 **Board of Regents, The University of Texas System** The nature of the amendment is as shown in the statement(s) filed 02 Sep 2021 and 4 Oct 2021

Amendments

2020234037 **Evix Firm, S.L.** The nature of the amendment is as shown in the statement(s) filed 09 Sep 2021

2020234406 **Korea University Research and Business Foundation** The nature of the amendment is: Amend the invention title to read MICROFLUIDIC SYSTEM FOR INTRACELLULAR DELIVERY OF MATERIALS AND METHOD THEREFOR

2020240797 **Nobelpharma Co., Ltd.; Yutoku Pharmaceutical industry Co., Ltd.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION HAVING EXCELLENT DRUG ABSORPTION INTO THE LIVING BODY AND EXCELLENT CHEMICAL STABILITY

2020241005 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Electrographic image forming apparatus, cartridge, and drum unit

2020243911 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read INTERFERENCE RANDOMIZATION METHOD AND APPARATUS

2020248101 **Sigilon Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read BARNEY, Lauren Emily; BEAUREGARD, Michael; CARMONA, Guillaume; GONZALES, Francisco Caballero; HEIDEBRECHT, Richard; JOHNSTON, Erika Ellen; MILLER, Robert James; O'CONNOR, Owen; OBERLI, Matthias Alexander; PERITT, David; SEWELL, Jared A.; SMITH, Devyn McKinley; VEISEH, Omid; WOTTON, Paul Kevin and YIN, Zoe

2020264397 **Black Mamba Rod Lift, LLC** The nature of the amendment is: Remove priority details 62/848,189 15 May 2019 US and replace with 16/875,988 16 May 2020 US

2020287968 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System and method for controlling work machine

2020320834 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read INVERTER APPARATUS AND POWER SUPPLY SYSTEM

2020344324 **Nichiha Corporation** The nature of the amendment is: Amend the invention title to read ARCHITECTURAL BRACKET, BUILDING WALL STRUCTURE, AND PLANK MEMBER CONSTRUCTION METHOD

2020398353 **Illumina Cambridge Limited** The nature of the amendment is: Amend the invention title to read Time-based cluster imaging of amplified contiguity preserved library fragments of genomic DNA

2020903620 **Flow Scientific Australia Pty Ltd** The nature of the amendment is: Application is to proceed under number 2020439009

2021

2021232780 **Element Energy, Inc.** The nature of the amendment is: Amend the priority details to read 17/066,238 08 Oct 2020 US

2021236573 **LG Electronics Inc.** The nature of the amendment is: Amend the priority details to read 10-2020-0124476 25 Sep 2020 KR

Amendments

2021903032 **WHITEBITE GROUP PTY LTD** The nature of the amendment is: To amend the applicant name to WHITEBITE GROUP PTY LTD

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

2004

2004203614 Richard Gramm The name of the patentee has been altered to **Headsight, LLC**

2006

2006252004 Pitco Frialator, Inc. The name of the patentee has been altered to **Pitco Frialator, LLC**

2011

2011203019 Zelam Limited The name of the patentee has been altered to **Arxada NZ Limited**

2013

2013240104 Pitco Frialator, Inc. The name of the patentee has been altered to **Pitco Frialator, LLC**

2015

2015305002 Linebacker UK Limited The name of the patentee has been altered to **Checkers Safety Group UK Ltd**

2015328781 Zelam Limited The name of the patentee has been altered to **Arxada NZ Limited**

2016

2016226698 Zelam Limited The name of the patentee has been altered to **Arxada NZ Limited**

2016277731 Dover Artificial Lift Pty Ltd The name of the applicant has been altered to **Apergy Artificial Lift Pty. Ltd**

2016282545 Leonhard Kurz Stiftung And Co. Kg ; Hinderer + Mühlich GmbH & Co. Kg The name of the patentee has been altered to **LEONHARD KURZ Stiftung & Co. KG; hinderer + mühlich GmbH & Co. KG**

2016290523 UCB Biopharma SPRL The name of the applicant has been altered to **UCB Biopharma SRL**

2017

2017253625 Vivoryon Therapeutics AG The name of the applicant has been altered to **VIVORYON THERAPEUTICS N.V.**

2017352991 China Merchants Loscam (Asia Pacific) Co., Limited The name of the patentee has been altered to **Loscam (Asia Pacific) Co., Limited**

2017352992 China Merchants Loscam (Asia Pacific) Co., Limited The name of the patentee has been altered to **Loscam (Asia Pacific) Co., Limited**

Amendments

2018

2018215307 NTT DoCoMo, Inc. The name of the applicant has been altered to **NTT DOCOMO, INC.**

2018235948 915 Labs, LLC The name of the applicant has been altered to **915 Labs, Inc.**

2018236340 915 Labs, LLC The name of the applicant has been altered to **915 Labs, Inc.**

2018279270 EMS Group S.r.l. The name of the applicant has been altered to **EMS Group S.P.A.**

2018328113 Airway Therapeutics, LLC; Glycotope GmbH The name of the applicant has been altered to **Airway Therapeutics, Inc.; Glycotope GmbH**

2018340397 Vivoryon Therapeutics AG The name of the patentee has been altered to **VIVORYON THERAPEUTICS N.V.**

2019

2019100025 FOSHAN CRYSTAL ISLAND LEISURE PRODUCTS CO., LTD. The name of the patentee has been altered to **GUANG-DONG CRYSTAL ISLAND HEALTHWISE CO., LTD.**

2019203945 Valsch Dynamic Mechatronics Ltd. The name of the patentee has been altered to **Valsch Dynamic Mechatronics Ltd.**

2019214280 Vivoryon Therapeutics AG The name of the applicant has been altered to **VIVORYON THERAPEUTICS N.V.**

2019215163 Aytu Bioscience, Inc. ; Acerus Biopharma Inc. The name of the applicant has been altered to **Acerus Biopharma Inc.**

2020

2020202411 NAVICO HOLDINGS AS The name of the applicant has been altered to **NAVICO HOLDING AS**

2020229366 NanoMosaic LLC The name of the applicant has been altered to **NanoMosaic INC.**

2021

2021221449 FISHER & PAYKEL HEALTHCARE LIMITED; JASON KLENNER; BRENT LAING; KEVIN POWELL ; MARK O'CONNOR The name of the applicant has been altered to **FISHER & PAYKEL HEALTHCARE LIMITED; Klenner, J.A.; Laing, B.I.; Powell, K.B.; O'Connor, M.T.**

2021221460 FISHER & PAYKEL HEALTHCARE LIMITED; ANDRE VAN SCHALKWYK ; KEVIN O'DONNELL; ENRICO GARCIA ; STAN-ISLAV TATKOV ; MAXIMILIAN PINKHAM The name of the applicant has been altered to **FISHER & PAYKEL HEALTHCARE LIMITED; Van Schalkwyk, A.; O'Donnell, K.P.; Garcia, E.A.; Tatkov, S.; Pinkham, M.I.**

2021232789 NAVICO HOLDINGS AS The name of the applicant has been altered to **NAVICO HOLDING AS**

Amendments

2021903055 Fortitude Business Consulting Pty Ltd The name of the applicant has been altered to **JW & KM Thompson Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 3D Glass Solutions, Inc.
 (11) AU-A-2021232851
 (21) 2021232851 (22) 20.09.2021
 (54) COUPLED TRANSMISSION LINE
 RESONATE RF FILTER
 (51) Int. Cl.
H01P 1/205 (2006.01)
H01Q 1/00 (2006.01)
H01Q 11/12 (2006.01)
H03H 1/00 (2006.01)
H03H 3/00 (2006.01)
 (43) 21.10.2021
 (62) 2018383659
 (72) Flemming, Jeb H.; McWethy, Kyle
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) 3M Innovative Properties Company
 (11) AU-A-2021232704
 (21) 2021232704 (22) 14.09.2021
 (54) Debriding dressing for use with negative pressure and fluid instillation
 (51) Int. Cl.
A61F 13/00 (2006.01)
A61B 17/32 (2006.01)
A61M 1/00 (2006.01)
A61M 27/00 (2006.01)
 (43) 21.10.2021
 (62) 2019283817
 (72) Locke, Christopher Brian; Arnold, Peter; Robinson, Timothy Mark
 (74) Shelston IP Pty Ltd.

(71) 3M Innovative Properties Company
 (11) AU-A-2021236522
 (21) 2021236522 (22) 23.09.2021
 (54) Ambulatory therapy system incorporating activity and environmental sensing capability
 (51) Int. Cl.
A61M 1/00 (2006.01)
A61B 5/11 (2006.01)
 (43) 21.10.2021
 (62) 2016357216
 (72) Locke, Christopher Brian; Luckemeyer, James A.
 (74) Shelston IP Pty Ltd.

(71) Accurate Repetition P/L
 (11) AU-A-2021202076
 (21) 2021202076 (22) 05.04.2021
 (54) PISTON VALVE SEAL ASSEMBLY
 (51) Int. Cl.
F16J 15/16 (2006.01)
F02B 37/12 (2006.01)
F16J 15/00 (2006.01)
F16K 1/12 (2006.01)
F16K 1/38 (2006.01)
F16K 31/122 (2006.01)

F16K 39/02 (2006.01)
F16K 1/46 (2006.01)
 (31) 2020901080 (32) 06.04.20 (33) AU
 (43) 21.10.2021
 (72) Turner, Brett
 (74) protectmyidea.com.au

(71) Acres Technology
 (11) AU-A-2021236503
 (21) 2021236503 (22) 22.09.2021
 (54) Game Performance Determination by Incremental Revenue
 (51) Int. Cl.
G06Q 50/00 (2012.01)
 (43) 21.10.2021
 (62) 2020200696
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) ADIONICS
 (11) AU-A-2021236472
 (21) 2021236472 (22) 21.09.2021
 (54) DEVICE AND METHOD FOR THE DESALINATION OF WATER BY MEANS OF THERMAL DEIONISATION AND LIQUID-PHASE ION EXTRACTION LIQUID
 (51) Int. Cl.
C02F 1/26 (2006.01)
B01D 11/00 (2006.01)
C02F 1/68 (2006.01)
G21C 19/46 (2006.01)
C02F 1/10 (2006.01)
C02F 1/38 (2006.01)
C02F 103/08 (2006.01)
 (43) 21.10.2021
 (62) 2016210045
 (72) De Souza, Guillaume; Pouessel, Jacky; Dautriche, Bastien; Chtchigrovsky, Melanie; Meiries, Sebastien
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Adobe Inc.
 (11) AU-A-2021200645
 (21) 2021200645 (22) 02.02.2021
 (54) INTEGRATED INTERACTIVE IMAGE SEGMENTATION
 (51) Int. Cl.
G06T 7/143 (2017.01)
G06N 3/02 (2006.01)
 (31) 16/839,209 (32) 03.04.20 (33) US
 (43) 21.10.2021
 (72) Cohen, Scott; Price, Brian; Ding, Henghui
 (74) RnB IP Pty Ltd

(71) Advanced New Technologies Co., Ltd.
 (11) AU-A-2021236535
 (21) 2021236535 (22) 23.09.2021

(54) Transferring digital tickets based on blockchain networks
 (51) Int. Cl.
G06Q 30/02 (2012.01)
 (43) 21.10.2021
 (62) 2019204713
 (72) Feng, Zhiyuan; Li, Yanpeng; Cheng, Long
 (74) Spruson & Ferguson

(71) Adverum Biotechnologies, Inc.
 (11) AU-A-2021236481
 (21) 2021236481 (22) 22.09.2021
 (54) Evasion of neutralizing antibodies by a recombinant adeno-associated virus
 (51) Int. Cl.
A61K 48/00 (2006.01)
C12N 5/02 (2006.01)
C12N 15/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/86 (2006.01)
C12N 15/861 (2006.01)
 (43) 21.10.2021
 (62) 2017257169
 (72) KERAVALA, Annahita; CHALBERG, Thomas W.
 (74) Davies Collison Cave Pty Ltd

(71) Aerovironment, Inc.
 (11) AU-A-2021236490
 (21) 2021236490 (22) 22.09.2021
 (54) Machine to machine targeting maintaining positive identification
 (51) Int. Cl.
G01C 22/00 (2006.01)
 (43) 21.10.2021
 (62) 2016238311
 (72) Peebles, Macdonald John; Martin, Andrew; Baker, Charles Lawrence; Wang, Daisy; Aguilar, Kevin Jay; Hanna, Matthew Allen; Young, Brian; Sornborger, Eric; Aagaard, Eric James
 (74) Shelston IP Pty Ltd.

(71) AIMM Therapeutics B.V.
 (11) AU-A-2021245146
 (21) 2021245146 (22) 05.10.2021
 (54) Influenza A virus specific antibodies
 (51) Int. Cl.
C07K 16/10 (2006.01)
 (43) 21.10.2021
 (62) 2017216562
 (72) Spits, Hergen; Beaumont, Tim; Kwakkenbos, Mark Jeroen; Bakker, Arjen Quirinus
 (74) FPA Patent Attorneys Pty Ltd

(71) AIRSHIP ABATTOIRS PTY LTD
 (11) AU-A-2020202393
 (21) 2020202393 (22) 05.04.2020

Applications Open to Public Inspection - Name Index cont'd

(54) This invention will combine the operating system principles of High Volume Processing methods and robotics to operate as an abattoir refitted into an airship in order to operate in remote and isolated areas of Australia. This will provide graziers with a local cluster or individual onsite processing facility and remove the cost of transporting stock
 (51) Int. Cl.
G06Q 10/08 (2012.01)
G06Q 10/06 (2012.01)
G06Q 50/02 (2012.01)
 (43) 21.10.2021
 (72) Goodwin, Gregory Keith
 (74) AIRSHIP ABATTOIRS PTY LTD

(71) AlgoTherapeutix
 (11) AU-A-2021229214
 (21) 2021229214 (22) 31.03.2021
 (54) Topical pharmaceutical composition in the form of aqueous gel comprising at least amitriptyline
 (51) Int. Cl.
A61K 31/137 (2006.01)
A61K 9/06 (2006.01)
A61K 31/4709 (2006.01)
A61P 9/00 (2006.01)
 (31) 2003425 (32) 06.04.20 (33) FR
 (43) 21.10.2021
 (72) PRINCIPE NICOLAS, Paola; LALLEMAND, Frédéric; THIROLLOIX, Stéphane
 (74) Griffith Hack

(71) Alkahest, Inc.
 (11) AU-A-2021236532
 (21) 2021236532 (22) 23.09.2021
 (54) Methods and compositions for treating aging-associated impairments using CCR3-inhibitors
 (51) Int. Cl.
A61K 31/4545 (2006.01)
C07D 401/06 (2006.01)
 (43) 21.10.2021
 (62) 2018250214
 (72) BRAITHWAITE, Steven P; MINAMI, S. Sakura; NIKOLICH, Karoly
 (74) FB Rice Pty Ltd

(71) API Labs Inc.
 (11) AU-A-2021232757
 (21) 2021232757 (22) 16.09.2021
 (54) High thebaine poppy and methods of producing the same
 (51) Int. Cl.
C12N 15/113 (2010.01)
A01H 1/00 (2006.01)
C12N 5/10 (2006.01)
C12N 9/02 (2006.01)
C12N 15/53 (2006.01)
C12N 15/82 (2006.01)
C12P 17/18 (2006.01)
A01H 5/00 (2018.01)
A61K 31/485 (2006.01)
A61P 25/04 (2006.01)
C08L 7/02 (2006.01)

(43) 21.10.2021
 (62) 2019201771
 (72) KOVALCHUK, Igor
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 (54) SYSTEM AND METHOD OF PROVIDING A HOLD AND SPIN FEATURE GAME WITH DYNAMICALLY VARIABLE SYMBOL VALUES
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
A63F 13/00 (2014.01)
 (31) 16/836,296 (32) 31.03.20 (33) US
 (43) 21.10.2021
 (72) Marks, Daniel; Xu, Hua
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2021202072
 (21) 2021202072 (22) 02.04.2021
 (54) SYSTEMS AND METHODS FOR SECURELY CONNECTING AN ELECTRONIC GAMING MACHINE TO AN END USER DEVICE
 (51) Int. Cl.
G07F 7/10 (2006.01)
G07F 17/00 (2006.01)
 (31) 63/005,008 (32) 03.04.20 (33) US
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G07F 17/32 (2006.01)
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 (31) 2020901031 (32) 02.04.20 (33) AU
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 (72) SUSLIK, Igor; CHAN, Matthew
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(71) Aristocrat Technologies Australia Pty Limited
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 (54) Gaming apparatus and method including oversized symbols
 (51) Int. Cl.
G07F 17/34 (2006.01)
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(71) Aristocrat Technologies Australia Pty Limited
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 (54) A GAMING SYSTEM AND A METHOD OF GAMING
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G06F 17/30 (2006.01)
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 (51) Int. Cl.
G01R 33/00 (2006.01)
G01R 33/07 (2006.01)
G01R 33/12 (2006.01)
G01R 35/00 (2006.01)
 (31) 2020901115 (32) 07.04.20 (33) AU
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 (72) Baker, William John
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(71) Baker Hughes Holdings LLC
 (11) AU-A-2021202049
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 (54) LOCALIZATION METHOD AND SYSTEM FOR MOBILE REMOTE INSPECTION AND/OR MANIPULATION TOOLS IN CONFINED SPACES
 (51) Int. Cl.
G05D 1/10 (2006.01)
F16L 55/26 (2006.01)
F16L 55/28 (2006.01)
F16L 55/48 (2006.01)
G05D 1/02 (2020.01)
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G06Q 10/00 (2012.01)
B65D 35/56 (2006.01)
B65D 83/00 (2006.01)
B67D 7/06 (2010.01)

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E02F 9/22 (2006.01)
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(54) Method for producing 5-hydroxyl-kyl-substituted 1-phenyl-1,2,4- triazole derivatives
(51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/4196 (2006.01)
A61P 9/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2021245164
(21) 2021245164 **(22)** 07.10.2021
(54) Quantum entangled state processing method and apparatus, device, storage medium, and product
(51) Int. Cl.
G06N 99/00 (2019.01)
G06N 3/04 (2006.01)
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(21) 2021245165 **(22)** 07.10.2021
(54) Method and device for processing quantum data
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G06N 99/00 (2019.01)
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A23J 1/14 (2006.01)

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G06Q 20/36 (2012.01)
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G06Q 40/00 (2012.01)
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(74) Davies Collison Cave Pty Ltd

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(54) SPECIFIC TREATMENT METHODS UTILISING LACTOSE COMPOSITIONS
(51) Int. Cl.
A61K 31/7016 (2006.01)
A61P 17/00 (2006.01)
A61P 17/02 (2006.01)
A61P 29/00 (2006.01)
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A61L 2/22 (2006.01)
A01N 65/00 (2009.01)
A01N 25/30 (2006.01)
A01N 31/02 (2006.01)
A01N 59/00 (2006.01)
A01N 65/28 (2009.01)
A61L 101/02 (2006.01)
A61L 101/06 (2006.01)
A61L 101/34 (2006.01)
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(54) Oligosaccharide compositions and methods for producing thereof
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C08F 212/08 (2006.01)
C08G 8/28 (2006.01)
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(71) CATERPILLAR INC.
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(54) SYSTEM AND METHOD FOR DETECTING WINDING FAULTS IN A GENERATOR
(51) Int. Cl.
G01H 1/00 (2006.01)
H02H 7/06 (2006.01)
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(51) Int. Cl.
C12Q 1/68 (2018.01)
G01N 33/53 (2006.01)
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(74) FB Rice Pty Ltd

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(54) SYSTEM AND METHOD FOR FACILITATING A WIRELESS FINANCIAL TRANSACTION
(51) Int. Cl.
G06Q 40/00 (2012.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 tralia Pty Ltd**
 (21) 2021236492
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 Pty Ltd; Commscope Connectivity Aus-
 tralia Pty Ltd.
- (11) AU-A-2021236492
 (21) 2021236492 (22) 22.09.2021
 (54) Rapid deployment indexing terminal ar-
 rangement
- (51) Int. Cl.
G02B 6/38 (2006.01)
G02B 6/40 (2006.01)
G02B 6/46 (2006.01)
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 Edward
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 (54) Spectator Garment
- (51) Int. Cl.
A41D 3/00 (2006.01)
A41D 27/08 (2006.01)
A41D 27/20 (2006.01)
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- (72) Congreve, Adam
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 (11) AU-A-2021236528
 (21) 2021236528 (22) 23.09.2021
 (54) Refrigerant-containing composition,
 use thereof and refrigerator comprising
 same, and method for operating said
 refrigerator
- (51) Int. Cl.
C09K 5/04 (2006.01)
F25B 1/00 (2006.01)
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- (54) FIBRE MATERIAL
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B32B 5/12 (2006.01)
B29C 70/18 (2006.01)
B29C 70/30 (2006.01)
B29C 70/40 (2006.01)
B32B 5/06 (2006.01)
B32B 7/05 (2019.01)
B32B 7/12 (2006.01)
B32B 9/00 (2006.01)
B32B 9/04 (2006.01)
B32B 17/02 (2006.01)
B32B 17/06 (2006.01)
B32B 37/12 (2006.01)
B32B 38/00 (2006.01)
B33Y 10/00 (2015.01)
C08J 5/04 (2006.01)
D04H 1/40 (2012.01)
D04H 1/44 (2006.01)
D06C 3/00 (2006.01)
D06H 5/00 (2006.01)
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 method and system
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G06Q 10/06 (2012.01)
G06Q 50/02 (2012.01)
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 implement
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F15B 15/28 (2006.01)
A01B 61/04 (2006.01)
A01B 63/10 (2006.01)
A01B 63/11 (2006.01)
A01B 63/14 (2006.01)
E02F 9/22 (2006.01)
F15B 15/14 (2006.01)
F15B 15/20 (2006.01)
F15B 15/24 (2006.01)
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 (54) THERMAL LINING AND SYSTEMS
 UTILISING SAME
- (51) Int. Cl.
E04H 15/18 (2006.01)
- E04H 3/08** (2006.01)
E04H 14/00 (2006.01)
E04H 15/34 (2006.01)
E04H 15/54 (2006.01)
E04H 15/64 (2006.01)
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C12N 5/0783 (2010.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
C12N 15/864 (2006.01)
C12N 15/90 (2006.01)
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H01M 50/24 (2021.01)
H01M 50/20 (2021.01)
H05K 5/02 (2006.01)
- (31) 10 2020 109 105.2 (32) 01.04.20 (33) DE
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C07D 487/04 (2006.01)
A61K 8/49 (2006.01)
A61Q 19/02 (2006.01)
C07D 209/12 (2006.01)
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A47J 36/24 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd
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(54) ANTI-THEFT DEVICE WITH CABLE ATTACHMENT
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G08B 13/14 (2006.01)
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(54) A surface panel connection system
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F16B 5/06 (2006.01)
E04F 13/24 (2006.01)
F16B 21/06 (2006.01)
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(74) Origin Patent and Trade Mark Attorneys
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(54) INTERFACE COMPRISING A NASAL SEALING PORTION AND A ROLLING HINGE
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A61M 16/06 (2006.01)
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H04W 48/04 (2009.01)
H04B 1/3877 (2015.01)
(31) 2020901001 (32) 01.04.20 (33) AU
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(54) Methods of producing two chain proteins in bacteria
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C07K 16/00 (2006.01)
C07K 16/22 (2006.01)
C07K 16/24 (2006.01)
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C12N 15/63 (2006.01)
C12P 21/00 (2006.01)
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A63B 69/16 (2006.01)
A63B 24/00 (2006.01)
B62J 99/00 (2020.01)
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17/213,320 26.03.21 US
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(11) AU-A-2021236526
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(54) Matter manipulator with conductive coating
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A61B 17/56 (2006.01)
A61B 17/58 (2006.01)
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(51) Int. Cl.
G06N 10/00 (2019.01)
G06N 3/04 (2006.01)
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G06N 7/00 (2006.01)
G06N 20/00 (2019.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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B65H 75/44 (2006.01)
H02G 11/02 (2006.01)
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G01N 29/44 (2006.01)
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A61K 39/395 (2006.01)
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A61H 31/00 (2006.01)
A61B 5/053 (2021.01)
A61B 5/318 (2021.01)
A61N 1/39 (2006.01)
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 (51) Int. Cl.
E06C 7/18 (2006.01)
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- (71) Illumina, Inc.
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B05D 1/38 (2006.01)
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C09D 5/02 (2006.01)
C09D 5/08 (2006.01)
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F41B 11/00 (2013.01)
A01M 3/00 (2006.01)
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A61F 5/01 (2006.01)
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(74) AJ Pietras IP Limited

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H02S 20/32 (2014.01)
F16M 13/00 (2006.01)
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A61K 47/10 (2017.01)
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B62D 25/20 (2006.01)
B60P 3/40 (2006.01)
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G02B 6/44 (2006.01)
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C07K 16/28 (2006.01)
A61P 17/00 (2006.01)
G01N 33/53 (2006.01)
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(54) DELIVERING AND/OR RECEIVING FLUIDS
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A61B 5/15 (2006.01)
A61B 5/145 (2006.01)
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A61K 31/121 (2006.01)
A61P 1/16 (2006.01)
A61P 3/08 (2006.01)
A61P 9/10 (2006.01)
A61P 9/12 (2006.01)
A61P 13/12 (2006.01)
C01B 4/00 (2006.01)
C01B 5/02 (2006.01)

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 (21) 2020429373

SINOMA JIANGXI INSULATOR AND ELECTRICITY CO., LTD. see **State Grid Corporation of China**
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(71) State Grid Corporation of China; SINOMA ADVANCED MATERIALS CO., LTD.; North China Electric Power University; SINOMA JIANGXI INSULATOR AND ELECTRICITY CO., LTD.

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H01B 17/24 (2006.01)

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 (11) AU-A-2021236468
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 (54) Image Analysis Method and System
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A61B 5/00 (2006.01)
A61B 5/0522 (2021.01)
A61B 5/055 (2006.01)
A61B 6/00 (2006.01)
A61B 6/03 (2006.01)
A61B 8/08 (2006.01)
A61B 8/13 (2006.01)
G06K 9/62 (2006.01)
G06T 7/00 (2017.01)
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)

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Sultana, P. see **Gauci, M.**
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G06K 9/46 (2006.01)

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A61K 35/12 (2015.01)
C12N 5/10 (2006.01)
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(71) The Leisure Collective International Pty Ltd

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 (54) ACCESSORY FOR WATER BOARD FOR SPORT OR RECREATION

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B63B 32/40 (2020.01)
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 (54) Anti-GD2 antibody for the treatment of neuroblastoma

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C07K 16/30 (2006.01)
A61K 39/00 (2006.01)

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 (74) FPA Patent Attorneys Pty Ltd

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G02F 1/155 (2006.01)

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A61F 2/24 (2006.01)

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 (21) 2021202082 (22) 06.04.2021
 (54) Cooking Appliance
 (51) Int. Cl.

- H05B 3/68** (2006.01)
A47J 37/06 (2006.01)
A47J 37/07 (2006.01)
F24C 1/02 (2021.01)
F24C 11/00 (2006.01)
H05B 3/42 (2006.01)
A47J 27/12 (2006.01)
F24C 15/12 (2006.01)

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(71) Watt Fuel Cell Corp.
 (11) AU-A-2021236514
 (21) 2021236514 (22) 23.09.2021
 (54) Thermal management of fuel cell units and systems
 (51) Int. Cl.

- H01M 8/249** (2016.01)
H01M 8/04007 (2016.01)
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 (72) Finnerty, Caine; Dewald, Paul
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) English Diagnosis Assessment System and Method
 (51) Int. Cl.

- G06Q 50/20** (2012.01)
G09B 7/10 (2006.01)

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 (72) WU, Er-Fu; CHIU, Hung-Chan
 (74) A.P.T. Patent and Trade Mark Attorneys

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(11) AU-A-2021221927
(21) 2021221927 (22) 27.08.2021
(54) METHOD FOR PREPARING HETERO-DIMERIC SNAKE VENOM PROTEIN
(51) Int. Cl.
C12N 15/81 (2006.01)
A61K 38/17 (2006.01)
A61P 9/10 (2006.01)
C07K 1/18 (2006.01)
C07K 14/46 (2006.01)
C12N 1/19 (2006.01)
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(72) Dai, Xiangrong; Li, Xiaoyi; Qian, Fang
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2021232745	Einziger, M.; Simpson, A.		
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2021232809	Seventh Sense Biosystems, Inc.		
2021232851	3D Glass Solutions, Inc.		
2021234004	Rite-Hite Holding Corporation		
2021236446	Editas Medicine, Inc		
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2021236460	Polaris Industries Inc.		
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2021236465	Celgene Corporation		
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. (*) Title not in Roman characters

. (**) Title not given

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A01G 7/04 (2006.01)
A01G 9/26 (2006.01)

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 (72) LIU, Binjian; DANSIE, Mark Anthony; LIU, Huangyuan; MENDOZA, Rose Marie

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(51) Int. Cl.
G06T 7/00 (2017.01)
A61B 5/00 (2006.01)
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G06K 9/62 (2006.01)
G16H 30/40 (2018.01)
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 (21) 2021105838 (22) 18.08.2021
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G06T 7/00 (2017.01)
A61B 6/00 (2006.01)
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G06K 9/46 (2006.01)
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 (54) Application of diagnostic kit and MAK16 in preparation of reagent for early diagnosis of systemic lupus erythematosus

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 (54) SMART SPECTACLES WITH DISPLAY AND REMINDER TECHNIQUES

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G02C 11/00 (2006.01)
A61J 7/04 (2006.01)
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 (45) 21.10.2021
 (72) Liu, Yongqing; Zhang, Xiangping; Zhang, Xin
 (74) Ran Tao

(71) China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University
 (11) AU-A-2021104667
 (21) 2021104667 (22) 28.07.2021
 (54) A Monitoring Method for Mountain Vibration and Displacement Caused by Small Blasting Excavation of Rock Pile Tunnels
 (51) Int. Cl.
G01C 15/00 (2006.01)
G01H 1/00 (2006.01)
G01V 1/24 (2006.01)
 (45) 21.10.2021
 (72) Zhang, Xiangping; Zhang, Yingcai; Li, Yuan; Zhang, Xin
 (74) Ran Tao

(71) China Railway 18th Bureau (Group) Co., Ltd.; China State Railway Group Co., Ltd.
 (11) AU-A-2021104668
 (21) 2021104668 (22) 28.07.2021
 (54) Three-dimensional mud-pressure blasting method for strengthening straight-hole comprehensive spiral deep-hole cutting in hard rock double-row and same-depth wedge-shaped blind area in railway double-track tunnel
 (51) Int. Cl.
F42D 3/04 (2006.01)
E21D 9/00 (2006.01)
F42D 1/22 (2006.01)
F42D 1/20 (2006.01)
 (45) 21.10.2021
 (72) Zhang, Xin; Cao, Wenquan; Zhang, Xiangping; Gao, Xiaojian
 (74) Ran Tao

(71) China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University
 (11) AU-A-2021104669
 (21) 2021104669 (22) 28.07.2021
 (54) A method of 30m long anchor cable supporting universal beam box girder arch frame at the side of severe deformation under bias pressure and radial grouting behind the initial support of high-speed railway double-track tunnel
 (51) Int. Cl.
E21D 11/18 (2006.01)
E21D 11/00 (2006.01)
E21D 11/10 (2006.01)
E21D 21/00 (2006.01)
 (45) 21.10.2021
 (72) Zhang, Xiangping; Zhang, Yingcai; Li, Yuan; Zhang, Xin
 (74) Ran Tao

(71) China Railway 18th Bureau (Group) Co., Ltd.; Hebei University of Technology
 (11) AU-A-2021104749
 (21) 2021104749 (22) 30.07.2021
 (54) COMPREHENSIVE GUIDE AND DRAINAGE METHOD FOR PREVENTING WATER SEEPAGE IN DEEP BASEMENTS USING GEOTEXTILE BLIND DRAINS
 (51) Int. Cl.
E01F 5/00 (2006.01)
E02D 19/18 (2006.01)
E02D 19/22 (2006.01)
E03F 1/00 (2006.01)
E01D 19/14 (2006.01)
E02D 5/22 (2006.01)
 (45) 21.10.2021
 (72) Zhang, Xin; Hu, Daqi; Li, Yuan; Li, Guiyun
 (74) Ran Tao

(71) China Railway 18th Bureau Group Co., Ltd.; Wuhan-Jiujiang Railway Passenger Dedicated Line Hubei Co., Ltd.
 (11) AU-A-2021105800
 (21) 2021105800 (22) 18.08.2021
 (54) TREATMENT METHOD FOR SIDE ROOF COLLAPSE OF WATER-BEARING BROKEN SOFT ROCK TUNNEL
 (51) Int. Cl.
E21D 11/38 (2006.01)
E02D 3/12 (2006.01)
E21D 5/10 (2006.01)
E21F 16/02 (2006.01)
E21F 17/00 (2006.01)
E21D 9/04 (2006.01)
E21F 15/00 (2006.01)
 (45) 21.10.2021
 (72) ZHANG, Xin; ZHOU, Qianda; MENG, Chunfeng; ZHANG, Xiangping; ZHANG, Yuxiao; HU, Daqi
 (74) Griffith Hack

China Railway Third Bureau Group Co., Ltd. see China Railway Third Group No.2 Engineering Co., Ltd.
 (21) 2021102863
 (71) China Railway Third Group No.2 Engineering Co., Ltd.
 (11) AU-A-2021102863
 (21) 2021102863 (22) 26.05.2021
 (54) Maintenance Equipment for Anti-collision Wall of High-speed Railway Bridge and Vertical Wall of Cable Trough
 (51) Int. Cl.
E01F 15/08 (2006.01)
E04G 21/24 (2006.01)
 (45) 21.10.2021
 (72) Liu, Chenghong; Chang, Huijun; Sun, Fengxi; Zhao, Guoshen; Ma, Liang; Chen, Yubo; He, Shuang; Wang, Yingmei
 (74) Ran Tao

China State Railway Group Co., Ltd. see China Railway 18th Bureau (Group) Co., Ltd.
 (21) 2021104499

China State Railway Group Co., Ltd. see China Railway 18th Bureau (Group) Co., Ltd.
 (21) 2021104668

(71) Chongqing College of Electronic Engineering; Chongqing Institute of Geology and Mineral Resources
 (11) AU-A-2021105244
 (21) 2021105244 (22) 10.08.2021
 (54) A protection cabinet for microseismic acquisition at real time
 (51) Int. Cl.
H05K 7/20 (2006.01)
G01V 1/18 (2006.01)
G01V 1/20 (2006.01)
H05K 5/06 (2006.01)
H05K 5/02 (2006.01)
 (45) 21.10.2021
 (72) Xie, Qingming; Wu, Chunling; Chen, Lichuan; Liang, Dan; Li, Hehua; Hu, Yunbing; Xu, Hong; Yan, Qi
 (74) Rose Pan

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 (21) 2021105244

Chongqing Jiaoyun City Card Technology Co., Ltd see Civil Aviation University of China
 (21) 2021105752

(71) Civil Aviation University of China; Shenzhen Urban Transport Planning &

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Design Institute; Chongqing Jiaoyun City Card Technology Co., Ltd

- (11) AU-A-2021105752
 (21) 2021105752 (22) 18.08.2021
 (54) Multi-mode Transportation Sharing Travel Platform Under SaaS Mode
 (51) Int. Cl.
 G16Y 40/60 (2020.01)
 G06Q 50/30 (2012.01)
 G06Q 10/04 (2012.01)
 G08G 99/00 (2006.01)
 G16Y 10/60 (2020.01)
 (45) 21.10.2021
 (72) Wei, Ming; Xu, Jiyong; Yang, Jian; Zhang, Chi; Zhou, Fuhai; Fang, Hai
 (74) Alder IP Pty Ltd

- (71) Coll, R.
 (11) AU-A-2021105889
 (21) 2021105889 (22) 19.08.2021
 (54) Aggregated Security Information And Automation System For Diverse Cloud Business Systems
 (51) Int. Cl.
 H04L 29/06 (2006.01)
 G06F 21/62 (2013.01)
 H04L 29/08 (2006.01)
 G06F 16/11 (2019.01)
 G06F 16/182 (2019.01)
 G06N 20/00 (2019.01)
 (45) 21.10.2021
 (72) Coll, Remy
 (74) Remy Coll

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 (21) 2021105809

D, S. see B, R.
 (21) 2021105809

- (71) D'Amato, J.P.; Rubiales, A.; Stramana, F.; Dominguez, L.; Perez, A.
 (11) AU-A-2021104124
 (21) 2021104124 (22) 14.07.2021
 (54) A SYSTEM AND METHOD FOR OBJECT EXTRACTION AND ENCODING FOR VIDEO MONITORING THROUGH LOW-BANDWIDTH NETWORKS
 (51) Int. Cl.
 G06K 9/48 (2006.01)
 G06F 21/62 (2013.01)
 G06K 9/00 (2006.01)
 G06N 3/02 (2006.01)
 (45) 21.10.2021
 (72) D'Amato, Juan Pablo; Rubiales, Aldo; Stramana, Franco; Dominguez, Leonardo; Perez, Alejandro
 (74) Juan Pablo D'Amato

- (71) Datta Meghe Institute of Medical Sciences; Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Ravi Nair Physiotherapy college; Naqvi, W.; Vaidya, L.
 (11) AU-A-2021103109
 (21) 2021103109 (22) 04.06.2021

- (54) AN APPARATUS FOR FACILITATING ULTRASOUND BASED SOFT TISSUE MOBILIZATION PROBE
 (51) Int. Cl.
 A61N 7/00 (2006.01)
 A61N 7/02 (2006.01)
 (45) 21.10.2021
 (72) Naqvi, Waqar; Vaidya, Laukik
 (74) Datta Meghe Institute of Medical Sciences

- (71) Datta Meghe Institute of Medical Sciences; Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Belkhode, V.; Nimonkar, S.; Dubey, S.

- (11) AU-A-2021103112
 (21) 2021103112 (22) 04.06.2021
 (54) AN APPARATUS FOR TREATING SLEEP DISORDER
 (51) Int. Cl.
 A61F 5/56 (2006.01)
 (45) 21.10.2021
 (72) Belkhode, Vikram; Nimonkar, Sharayu; Dubey, Surekha
 (74) Datta Meghe Institute of Medical Sciences

- (71) Datta Meghe Institute of Medical Sciences; Jawaharlal Nehru Medical College; Yeshwantrao Chavan College Of Engineering; Zahiruddin, Q.S.; Singhal, D.; Saxena, D.; Khatib, N.; Aidhane, S.

- (11) AU-A-2021103117
 (21) 2021103117 (22) 04.06.2021
 (54) A FORCEPS FOR IRIS CLAW LENSES
 (51) Int. Cl.
 A61F 2/16 (2006.01)
 (45) 21.10.2021
 (72) Zahiruddin, Quazi Syed; Singhal, Deepika; Saxena, Deepak; Khatib, Nazli; Aidhane, Shilpa
 (74) Datta Meghe Institute of Medical Sciences

- (71) Datta Meghe Institute of Medical Sciences(DU); Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Mahatma Gandhi Ayurved College, Hospital And Research Centre; Wanjari, A.S.

- (11) AU-A-2021103079
 (21) 2021103079 (22) 03.06.2021
 (54) A NUTRACEUTICAL COMPOSITION WITH ANTIOXIDANT PROPERTY
 (51) Int. Cl.
 A23L 33/105 (2016.01)
 A61K 36/185 (2006.01)
 A61K 36/23 (2006.01)
 A61K 36/9064 (2006.01)
 A61K 36/9068 (2006.01)
 A61P 39/06 (2006.01)
 (45) 21.10.2021
 (72) Wanjari, Anita Santoshrao
 (74) Datta Meghe Institute of Medical Sciences(DU)

- (71) Datta Meghe Institute of Medical Sciences(DU); Jawaharlal Nehru Medical College; Yeshwantrao Chavan College Of Engineering; Shrivastava, S.; Shrivastava, P.
 (11) AU-A-2021103082
 (21) 2021103082 (22) 03.06.2021
 (54) A DEVICE FOR IDENTIFYING SENSATIONLESS LOCATION ON SKIN
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 (45) 21.10.2021
 (72) Shrivastava, Sandeep; Shrivastava, Priyal
 (74) Datta Meghe Institute of Medical Sciences(DU)

- (71) Delnorth Pty. Ltd.
 (11) AU-A-2021107562
 (21) 2021107562 (22) 29.03.2021
 (54) Roadside post
 (51) Int. Cl.
 E01F 9/627 (2016.01)
 C23C 26/00 (2006.01)
 E01F 9/60 (2016.01)
 E01F 9/608 (2016.01)
 C23C 4/129 (2016.01)
 C23C 4/131 (2016.01)
 (45) 21.10.2021
 (72) Christie, Paul
 (74) Spruson & Ferguson

DHIVA, S. see SAMROT, A.V.
 (21) 2021103177

- (71) Digital Pulse Systems Pty Ltd
 (11) AU-A-2021105803
 (21) 2021105803 (22) 18.08.2021
 (54) Battery conditioner, battery for a vehicle and lid thereof
 (51) Int. Cl.
 H01M 10/42 (2006.01)
 H01M 50/287 (2021.01)
 H02J 7/00 (2006.01)
 G01R 19/165 (2006.01)
 G05B 19/045 (2006.01)
 (45) 21.10.2021
 (72) Brown, Theo
 (74) COOPER IP PTY. LTD.

- (71) Ding, W.
 (11) AU-A-2021105867
 (21) 2021105867 (22) 18.08.2021
 (54) INCUBATION BOX FOR CELL OR TISSUE STAINING
 (51) Int. Cl.
 G01N 1/31 (2006.01)
 B01L 1/02 (2006.01)
 (45) 21.10.2021
 (72) Ding, Wei; Tan, Hongbo; Tan, Xiaotian; Lv, Yanbo; Hu, Chaofeng
 (74) MOHAN MURALI KODIVEL

Dominguez, L. see D'Amato, J.P.
 (21) 2021104124

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(71) Dr Egg Pty Limited
 (11) AU-A-2021105750
 (21) 2021105750 (22) 18.08.2021
 (54) System and Method for Virtual Mental Health System Infrastructure
 (51) Int. Cl.
G16H 20/70 (2018.01)
G06Q 50/22 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
G16H 80/00 (2018.01)
G09B 7/06 (2006.01)
 (31) 2021902531 (32) 13.08.21 (33) AU
 (45) 21.10.2021
 (72) Galambos, Gary
 (74) Alder IP Pty Ltd

Dubey, S. see Datta Meghe Institute of Medical Sciences
 (21) 2021103112

(71) DUVVURU, R.; RAO PEDDADA, J.; BOYIDI, S.; RAO GUDIKANDHULA, N.; KODAMALA, P.; BANGARU, B.; KONDAPALLI, B.; MOTRU, V.R.; KOTE, A.; GODI, S.
 (11) AU-A-2021103955
 (21) 2021103955 (22) 08.07.2021
 (54) LOCATION-BASED LIVE FLOOD MONITORING SYSTEM
 (51) Int. Cl.
G08B 21/10 (2006.01)
G08B 25/10 (2006.01)
 (45) 21.10.2021
 (72) DUVVURU, RAJESH; RAO PEDDADA, JAGADEESWARA; BOYIDI, SURIBABU; RAO GUDIKANDHULA, NARASIMHA; KODAMALA, PRATHYUSHA; BANGARU, BALAKRISHNA; KONDAPALLI, BEULAH; MOTRU, VIJAYA RAJU; KOTE, ASHOK; GODI, SUDHAKAR
 (74) Patentable

(71) East China Normal University
 (11) AU-A-2021105892
 (21) 2021105892 (22) 19.08.2021
 (54) Method for Determining Endogenous Hormones in Wheat
 (51) Int. Cl.
G01N 30/86 (2006.01)
G01N 30/02 (2006.01)
G01N 30/04 (2006.01)
G01N 30/06 (2006.01)
 (45) 21.10.2021
 (72) Luo, Yin; Sun, Mei; Lang, Shuping; Tian, Aitian
 (74) Alder IP Pty Ltd

(71) Environmental Horticulture Research Institute, Jiangsu Academy of Agricultural Sciences
 (11) AU-A-2021104501
 (21) 2021104501 (22) 23.07.2021
 (54) A Mobile Underwater Algicide Intelligent Spraying Device
 (51) Int. Cl.
B63B 35/00 (2020.01)
A01M 7/00 (2006.01)

A01M 21/04 (2006.01)
 (31) 202110242675.7 (32) 05.03.21 (33) CN
 (45) 21.10.2021
 (72) Qin, Hongjie; Zou, Chunping; Chen, Jinfeng; Wang, Dairong; You, Yi; Yang, Siyu
 (74) Ran Tao

(71) Environment Monitoring Center of Jiangsu Province
 (11) AU-A-2021104990
 (21) 2021104990 (22) 05.08.2021
 (54) Method for solid phase extraction of benzo (a) pyrene in water by using ultra-high performance liquid /triple quadrupole tandem mass spectrometry
 (51) Int. Cl.
G01N 30/72 (2006.01)
G01N 33/18 (2006.01)
H01J 49/00 (2006.01)
C07C 15/20 (2006.01)
 (45) 21.10.2021
 (72) Zhao, Yonggang; Sun, Huijing; Gao, Zhanqi; Cui, Dongni; Li, Peiwen
 (74) Ran Tao

(71) Environment Monitoring Center of Jiangsu Province
 (11) AU-A-2021104998
 (21) 2021104998 (22) 05.08.2021
 (54) Evaluation method system of quality control index for the whole process of monitoring organic pollutants in basin water environment
 (51) Int. Cl.
G01N 33/18 (2006.01)
G01N 33/00 (2006.01)
G06Q 50/26 (2012.01)
 (45) 21.10.2021
 (72) Wang, Junmin; Zhao, Yonggang; Hu, Guanjiu; Mu, Su; Gao, Zhanqi
 (74) Ran Tao

(71) FCI Holdings Delaware, Inc
 (11) AU-A-2021105904
 (21) 2021105904 (22) 19.08.2021
 (54) Self-drilling rock bolt
 (51) Int. Cl.
E21D 21/00 (2006.01)
E21D 20/02 (2006.01)
 (31) 2020904240 (32) 17.11.20 (33) AU
 (45) 21.10.2021
 (72) Matthews, Jason; Holden, Matthew
 (74) FB Rice Pty Ltd

(71) Fullard, H.
 (11) AU-A-2021105556
 (21) 2021105556 (22) 16.08.2021
 (54) Portable shower apparatus
 (51) Int. Cl.
A47K 3/28 (2006.01)
B05B 7/02 (2006.01)
B05B 11/00 (2006.01)
 (31) 2021901340 (32) 05.05.21 (33) AU
 (45) 21.10.2021
 (72) Fullard, Harrison
 (74) Patentec Patent Attorneys

(71) Fuzhou University
 (11) AU-A-2021105777
 (21) 2021105777 (22) 18.08.2021
 (54) Magnetically Levitated Nutation Artificial Heart Pump and Its System
 (51) Int. Cl.
A61M 60/462 (2021.01)
A61M 60/196 (2021.01)
A61M 60/253 (2021.01)
A61M 60/538 (2021.01)
A61M 60/835 (2021.01)
 (45) 21.10.2021
 (72) Yao, Ligang; Chen, Gang; Ding, Jiaxin; Wang, Zhenya; Li, Gaosong; Xie, Zetong
 (74) Alder IP Pty Ltd

(71) Fuzhou University
 (11) AU-A-2021105779
 (21) 2021105779 (22) 18.08.2021
 (54) Planetary Gearbox Fault Diagnosis Method Using Parameter Optimized VMD and Multi-domain Manifold Learning
 (51) Int. Cl.
G06F 30/17 (2020.01)
G01M 13/028 (2019.01)
G06F 17/10 (2006.01)
G06K 9/00 (2006.01)
G06N 3/08 (2006.01)
G06N 20/10 (2019.01)
 (45) 21.10.2021
 (72) Yao, Ligang; Wang, Zhenya; Li, Gaosong; Chen, Gang; Ding, Jiaxin
 (74) Alder IP Pty Ltd

(71) Gansu Institute of Animal Husbandry and Veterinary Medicine
 (11) AU-A-2021105072
 (21) 2021105072 (22) 06.08.2021
 (54) An Ecological Mutton Sheep Breeding Method
 (51) Int. Cl.
A01K 5/00 (2006.01)
A01K 29/00 (2006.01)
A23K 10/30 (2016.01)
A23K 50/10 (2016.01)
A23K 50/60 (2016.01)
A01K 1/02 (2006.01)
 (45) 21.10.2021
 (72) Gou, Xiangzhen; Wang, Ke; Zhao, Zihui; Yu, Xuan
 (74) Ran Tao

GODI, S. see DUVVURU, R.
 (21) 2021103955

(71) GRAPHIC ERA (DEEMED TO BE UNIVERSITY)
 (11) AU-A-2021105756
 (21) 2021105756 (22) 18.08.2021
 (54) Piezo-Oscillo-Energy Device for Generating Electricity Using Exhaust Gas
 (51) Int. Cl.
H02N 2/18 (2006.01)

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H02M 7/219 (2006.01)
(45) 21.10.2021
(72) JOSHI, JYOTI; GARIYA, NARENDRA;
 MANRAL, AVI RAJ; KUMAR, PUSH-
 PENDRA
(74) LAMINAR IP PTY LTD

(71) GRAPHIC ERA (DEEMED TO BE UNI-
 VERSITY)
(11) AU-A-2021105896
(21) 2021105896 **(22)** 19.08.2021
(54) HONEYCOMB STRUCTURED IONIC
 POLYMER METAL NANOCOMPOS-
 ITES USING DIRECT BONDED OF
 ACIDIC IONIC LIQUID
(51) Int. Cl.
C08J 5/22 (2006.01)
C08L 27/16 (2006.01)
C08F 214/22 (2006.01)
H01M 4/92 (2006.01)
(45) 21.10.2021
(72) PANWAR, VARIJ
(74) LAMINAR IP PTY LTD

(71) Guangxi University of Science and
 Technology
(11) AU-A-2021105658
(21) 2021105658 **(22)** 17.08.2021
(54) A Preparation Method for Garnet-type
 Electrolyte of Batteries with High Ion-
 ic Conductivity in the Energy Storage
 Charging System
(51) Int. Cl.
H01M 10/0562 (2010.01)
H01M 10/0525 (2010.01)
(45) 21.10.2021
(72) LIANG, Xinghua; LAN, Lingxiao; WU,
 Xi; LI, Suo; JIANG, Xingtao; XU, Jing
(74) WRAYS PTY LTD

(71) Guangxi University of Science and
 Technology
(11) AU-A-2021105810
(21) 2021105810 **(22)** 18.08.2021
(54) A Preparation Method for High-perform-
 ance Composite Binder of Batteries in
 the Energy Storage Charging System
(51) Int. Cl.
H01M 4/62 (2006.01)
H01M 4/13 (2010.01)
(45) 21.10.2021
(72) LIANG, Xinghua; LUO, Jianguo; LAN,
 Lingxiao; WU, Xi; WANG, Zhenjiang;
 ZHANG, Yanhui; LI, Suo; WU, Jing;
 JIANG, Xingtao; LI, Xinqi; GAI, Qixin;
 HUANG, Gaohua; WEI, Fangyu; QIN,
 Fujie
(74) WRAYS PTY LTD

(71) Guangzhou Panyu Polytechnic
(11) AU-A-2021105890
(21) 2021105890 **(22)** 19.08.2021
(54) TRANSFORMABLE AND ADAPTIVE
 TYRE
(51) Int. Cl.
B60C 7/08 (2006.01)

B60C 7/14 (2006.01)
B60B 25/02 (2006.01)
(45) 21.10.2021
(72) Hou, Wenfeng
(74) KINGS PATENT & TRADE MARKS AT-
 TORNEYS PTY LTD

(71) Harbin Institute of Technology
(11) AU-A-2021105783
(21) 2021105783 **(22)** 18.08.2021
(54) Worm based system for onsite domest-
 ic sewage source separation treatment
 and waste resource recycling in villages
 and towns
(51) Int. Cl.
C02F 3/32 (2006.01)
C02F 3/28 (2006.01)
E03F 5/14 (2006.01)
E03F 5/18 (2006.01)
C02F 103/00 (2006.01)
(45) 21.10.2021
(72) Ding, Jie; Yang, Shanshan; Jiang, Jun-
 qiu; Xu, Wei; Yuan, Fang; Zhong, Le
(74) Alder IP Pty Ltd

**Hebei University of Technology see China
 Railway 18th Bureau (Group) Co., Ltd.**
(21) 2021104749

(71) Heilongjiang Bayi Agricultural University
(11) AU-A-2021105758
(21) 2021105758 **(22)** 18.08.2021
(54) Biosafety Sterilizer For Pasture And
 Livestock House
(51) Int. Cl.
A01K 1/00 (2006.01)
A01K 7/02 (2006.01)
A61L 2/18 (2006.01)
(45) 21.10.2021
(72) WANG, Xin; LI, Zhijiang; WANG, Kun
(74) WRAYS PTY LTD

(71) Heilongjiang Bayi Agricultural Uni-
 versity; Meisirui (Jilin) Technology Co.,
 Ltd.
(11) AU-A-2021105899
(21) 2021105899 **(22)** 19.08.2021
(54) BLACK BEAN INSTANT NOODLES
 AND PREPARATION METHOD
 THEREOF
(51) Int. Cl.
A23L 11/00 (2021.01)
A23L 7/109 (2016.01)
A23L 3/01 (2006.01)
A23P 30/20 (2016.01)
(45) 21.10.2021
(72) Cao, Dongmei; Ren, Xiaoyu; Zhang,
 Dongjie; Liu, Junmei; Yu, Limei
(74) Remarkable IP

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 Railway 18th Bureau (Group) Co., Ltd.**
(21) 2021104497

**Henan Polytechnic University see China
 Railway 18th Bureau (Group) Co., Ltd.**
(21) 2021104667

**Henan Polytechnic University see China
 Railway 18th Bureau (Group) Co., Ltd.**
(21) 2021104669

(71) Henan University of Science and Tech-
 nology
(11) AU-A-2021105761
(21) 2021105761 **(22)** 18.08.2021
(54) Use of microRNA markers
 microRNA-130a and microRNA-130b in
 diagnosis of Hepatic fibrosis
(51) Int. Cl.
C12Q 1/6883 (2018.01)
(45) 21.10.2021
(72) Li, Sanqiang; Li, Qianhui; Meng,
 Hongye; Zhang, Bingbing; Hong,
 Xiaomin; Yang, Mengli; Luo, Renli
(74) Alder IP Pty Ltd

(71) Henan University of Science and Tech-
 nology
(11) AU-A-2021105786
(21) 2021105786 **(22)** 18.08.2021
(54) Traditional Chinese Medicine Prescrip-
 tion for Treating Liver Fibrosis
(51) Int. Cl.
A61K 36/232 (2006.01)
A61K 35/57 (2015.01)
A61K 35/586 (2015.01)
A61K 35/618 (2015.01)
A61K 36/23 (2006.01)
A61K 36/233 (2006.01)
A61K 36/24 (2006.01)
A61K 36/28 (2006.01)
A61K 36/344 (2006.01)
A61K 36/36 (2006.01)
A61K 36/48 (2006.01)
A61K 36/537 (2006.01)
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 (54) MACHINE LEARNING TECHNIQUE TO ANALYSE THE CONDITION OF COVID-19 PATIENTS BASED ON THEIR SATURATION LEVELS
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G16H 50/20 (2018.01)
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A01G 15/00 (2006.01)
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 (72) Macdonald, John
 (74) John Macdonald

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G01R 31/12 (2020.01)
 (45) 21.10.2021
 (72) Kotykhov, Andriy; Garagnani, Luca
 (74) Armour IP Pty Ltd

Mahatma Gandhi Ayurved College, Hospital And Research Centre see Datta Meghal Institute of Medical Sciences(DU)
 (21) 2021103079

Meisirui (Jilin) Technology Co., Ltd. see Heilongjiang Bayi Agricultural University
 (21) 2021105899

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 (21) 2021103955

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(71) Nanjing First Hospital
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G01C 15/06 (2006.01)
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B01D 3/42 (2006.01)
B01D 3/02 (2006.01)
C11B 9/02 (2006.01)
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Naqvi, W. see Datta Meghe Institute of Medical Sciences
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B26F 1/00 (2006.01)
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H04L 12/931 (2013.01)
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Nimonkar, S. see Datta Meghe Institute of Medical Sciences
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Ningxia University see Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences
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Ningxia University see Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences
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North China Electric Power University (Bao Ding) see STATE GRID SHANXI ECONOMIC RESEARCH INSTITUTE
 (21) 2021105760

North China Electric Power University Bao Ding see STATE GRID SHANXI ECONOMIC RESEARCH INSTITUTE
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Planning, Chinese Academy of Agricultural Sciences
 (21) 2021105817

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 (54) PREPARATION METHOD OF 1,6-O, O-DIACETYLBRITANNILACTONE AND APPLICATION OF PREPARATION ANTI-ALZHEIMER'S DISEASE DRUG
 (51) Int. Cl.
A61K 31/365 (2006.01)
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A01K 23/00 (2006.01)
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(71) Northwest Institute of Plateau Biology, Chinese Academy of Sciences
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 (21) 2021105801 (22) 18.08.2021
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 (11) AU-A-2021105799

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E21B 47/09 (2012.01)
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B01D 67/00 (2006.01)
B01D 69/14 (2006.01)
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 (21) 2021104124

PULLY, D. see SAMROT, A.V.
 (21) 2021103177

P V, R.M. see M, K.
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(71) Qilu University of Technology; Shandong Aojing Biotechnology Co., Ltd.
 (11) AU-A-2021105909
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A61D 7/00 (2006.01)
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 (51) Int. Cl.
A61K 36/73 (2006.01)
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A61K 36/36 (2006.01)
A61K 36/63 (2006.01)
A61K 36/704 (2006.01)
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 (74) WRAYS PTY LTD

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 (11) AU-A-2021105907
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 (54) Auxiliary Device For Collecting Pig Blood
 (51) Int. Cl.
A61D 3/00 (2006.01)
A01K 1/06 (2006.01)
A01K 15/04 (2006.01)
 (45) 21.10.2021
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 (74) WRAYS PTY LTD

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 (54) A Traditional Chinese Medicine Composition For Treating Aeromonas Hydrophila Disease Of Ducks
 (51) Int. Cl.
A61K 36/73 (2006.01)
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A61K 36/738 (2006.01)
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A61P 31/04 (2006.01)
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(72) MA, He; CAI, Yanan; NI, Hongbo; SUN, Yuzhe; YANG, Xinbo; MENG, Xiangzhu; ZHAO, Quan
(74) WRAYS PTY LTD

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(11) AU-A-2021104006
(21) 2021104006 **(22)** 09.07.2021
(54) DISTURBING EXCAVATING DEVICE
(51) Int. Cl.
A01D 13/00 (2006.01)
E02F 3/04 (2006.01)
E02F 3/28 (2006.01)
E02F 3/30 (2006.01)
E02F 3/36 (2006.01)
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(72) WANG, Fangyan
(74) Lawsci LIANG

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(11) AU-A-2021105577
(21) 2021105577 **(22)** 16.08.2021
(54) Nanofiber /MOFs-based Preferential Alcohol Permeation Pervaporation membrane and Preparation Method thereof
(51) Int. Cl.
B01D 61/36 (2006.01)
B01D 67/00 (2006.01)
B01D 69/12 (2006.01)
B01D 71/70 (2006.01)
B01J 20/22 (2006.01)
B01J 20/28 (2006.01)
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(72) Zhang, Guangfa; Yan, Yehai; Lu, Li; Cui, Jian
(74) Alder IP Pty Ltd

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(11) AU-A-2021105829
(21) 2021105829 **(22)** 18.08.2021
(54) Graphene based aerogel with asymmetric wettability and preparation method and application thereof
(51) Int. Cl.
C08K 3/04 (2006.01)
B01D 17/02 (2006.01)
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B01J 13/00 (2006.01)
C08K 5/17 (2006.01)
(45) 21.10.2021
(72) Zhang, Guangfa; Yan, Yehai; Li, Yuzhen; Cui, Jian
(74) Alder IP Pty Ltd

(71) Qingdao University of Science and Technology
(11) AU-A-2021105917
(21) 2021105917 **(22)** 19.08.2021
(54) Ornidazole medicine eutectic and preparation method thereof
(51) Int. Cl.
A61K 31/4164 (2006.01)
A61K 9/14 (2006.01)
A61K 47/12 (2006.01)
A61P 31/04 (2006.01)
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(45) 21.10.2021
(72) Wang, Lei; Sun, Yuexin; Du, Yunmei; Zhang, Yaping
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(71) Qingdao University of Science and Technology
(11) AU-A-2021105922
(21) 2021105922 **(22)** 19.08.2021
(54) ZSM-5 molecular sieve/titanium dioxide composite material and preparation method thereof
(51) Int. Cl.
C01B 39/40 (2006.01)
C01G 23/08 (2006.01)
(45) 21.10.2021
(72) Wang, Lei; Wang, Fupeng; Liu, Jia; Fu, Ziqi; Guo, Ziyang; Feng, Shouhua
(74) Alder IP Pty Ltd

(71) Qingdao University of Science and Technology
(11) AU-A-2021107545
(21) 2021107545 **(22)** 26.03.2021
(54) Synthesis, product, and application of a magnetic covalent organic framework denoted as mTFBD-PPD
(51) Int. Cl.
B01J 20/26 (2006.01)
B01J 20/28 (2006.01)
B01J 20/30 (2006.01)
C08G 12/08 (2006.01)
C08K 3/22 (2006.01)
C08K 9/06 (2006.01)
(31) 202110258960.8 **(32)** 10.03.21 **(33)** CN
(45) 21.10.2021
(72) XIE, Wancui; YANG, Xihong; SONG, Lin; CHE, Hongxia; DONG, Xiufang; LI, Hongyan; DONG, Zequn; GUO, Hao
(74) Alder IP Pty Ltd

(71) QINGDAO WOMEN AND CHILDREN'S HOSPITAL
(11) AU-A-2021103821
(21) 2021103821 **(22)** 02.07.2021
(54) RESPIRATORY TRACT ATOMIZING MEDICINE SPRAYER FOR PEDIATRIC PATIENTS
(51) Int. Cl.
A61M 15/00 (2006.01)
A61M 11/00 (2006.01)
(45) 21.10.2021
(72) Chen, Qie; Liu, Fenglin
(74) MOHAN MURALI KODIVEL

(71) QINGDAO WOMEN AND CHILDREN'S HOSPITAL
(11) AU-A-2021103833
(21) 2021103833 **(22)** 02.07.2021
(54) PORTABLE MEDICINE FEEDING DEVICE FOR PEDIATRIC TREATMENT
(51) Int. Cl.
A61J 9/00 (2006.01)
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(45) 21.10.2021
(72) Liu, Fenglin; Pang, Aiju
(74) MOHAN MURALI KODIVEL

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RAO GUDIKANDHULA, N. see DUVVURU, R.
(21) 2021103955

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(21) 2021103955

Ravi Nair Physiotherapy college see Datta Meghe Institute of Medical Sciences
(21) 2021103109

REMYA, R.R. see SAMROT, A.V.
(21) 2021103177

Research Institute of Exploration & Development, SINOPEC Shengli Oilfield Company see School of Geosciences and Technology, China University of Petroleum (East China)
(21) 2021105835

(71) REX Energy Pty Ltd
(11) AU-A-2021105891
(21) 2021105891 **(22)** 19.08.2021
(54) Energy Provision System and Method
(51) Int. Cl.
H02J 3/38 (2006.01)
G06Q 50/06 (2012.01)
H02J 3/00 (2006.01)
H02J 3/46 (2006.01)
G05B 15/02 (2006.01)
G05F 1/66 (2006.01)
(31) 2021901433 **(32)** 13.05.21 **(33)** AU
(45) 21.10.2021
(72) Graham, Scott; Howe, David; Simmons, David
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) R KOUNTE, M.; N, N.; S HEGDE, P.
(11) AU-A-2021105574
(21) 2021105574 **(22)** 16.08.2021

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(54) REAL-TIME EMOTION DETECTION AND MULTIMODAL INTERVIEW PREPARATION SYSTEM

(51) Int. Cl.
G06F 40/30 (2020.01)
G06K 9/00 (2006.01)
G06Q 10/10 (2012.01)

(45) 21.10.2021
 (72) R. KOUNTE, MANJUNATH; N., NIRAN; S. HEGDE, PRANAV
 (74) Patentable

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 (21) 2021104124

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 (21) 2021105808

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 (21) 2021105809

(71) SAMROT, A.V.; N., S.; ABIRAMI, S.; DHIVA, S.; REMYA, R.R.; PULLY, D.; J, L.A.A.

(11) AU-A-2021103177
 (21) 2021103177 (22) 08.06.2021

(54) A PROCESS FOR ALTERING THE SIZE OF CHITOSAN NANOPARTICLES USING CHITOSANASE ENZYME

(51) Int. Cl.
A61K 31/12 (2006.01)
A61K 9/19 (2006.01)
A61K 9/51 (2006.01)
B82Y 5/00 (2011.01)
B82Y 40/00 (2011.01)

(45) 21.10.2021
 (72) SAMROT, ANTONY V.; SHOBANA N.; S. ABIRAMI; S. DHIVA; REMYA R. R.; DURGASRUTHI PULLY; LAVANYA AGNES ANGALENE J.
 (74) ANTONY V SAMROT

Saxena, D. see Datta Meghe Institute of Medical Sciences
 (21) 2021103117

(71) School of Geosciences and Technology, China University of Petroleum (East China); Research Institute of Exploration & Development, SINOPEC Shengli Oilfield Company

(11) AU-A-2021105835
 (21) 2021105835 (22) 18.08.2021

(54) Classification method of low permeability-tight sandstone reservoir based on double lower limits

(51) Int. Cl.
E21B 49/00 (2006.01)
G01N 15/08 (2006.01)

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(74) Alder IP Pty Ltd

(71) Shaanxi Yuanguang High-Tech Co., Ltd.

(11) AU-A-2021105908
 (21) 2021105908 (22) 19.08.2021

(54) Bios medium with medical and health care effects

(51) Int. Cl.
A61L 15/18 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61K 33/12 (2006.01)
A61K 33/30 (2006.01)
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A61L 15/40 (2006.01)
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A61P 7/04 (2006.01)
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 (72) ZHANG, Junhua
 (74) BLACKWATTLE IP PTY LIMITED

(71) Shaanxi Yuanguang High-Tech Co., Ltd.

(11) AU-A-2021105910
 (21) 2021105910 (22) 19.08.2021

(54) Bio-light element material and preparation process thereof

(51) Int. Cl.
A61K 33/12 (2006.01)
A61K 9/14 (2006.01)
A61K 31/695 (2006.01)
A61K 31/722 (2006.01)
A61K 35/618 (2015.01)

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 (72) ZHANG, Junhua
 (74) BLACKWATTLE IP PTY LIMITED

(71) Shandong Agricultural University
 (11) AU-A-2021105762

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(54) METHOD FOR IMPROVING COLD RESISTANCE OF CHRYSANTHEMUM MORIFOLIUM RMAT. BY MELATONIN

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A01G 13/00 (2006.01)
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G01N 21/31 (2006.01)
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C07D 491/16 (2006.01)
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 (21) 2021105817

(71) Shandong Peanut Research Institute; Yantai Academy of Agricultural Sciences, Shandong; Agricultural Technology Extension Center of Muping District, Yantai; Taibaozhuang Sub-district Office, Xiashan Ecological Economic Development Zone, Weifang

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(54) YIELD-INCREASE CULTIVATION METHOD OF CONTINUOUS-CROPPING

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C05F 17/20 (2020.01)
A01G 22/40 (2018.01)
A01G 24/22 (2018.01)
C05F 11/00 (2006.01)
C05F 11/08 (2006.01)
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- (72) Yu, Tianyi; Wang, Chunxiao; Qiu, Shaofen; Jiang, Daqi; Zhao, Enjiang; Wu, Zhengfeng; Zheng, Yongmei
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(54) Occupation recommendation method, apparatus, device and medium
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- (74) FB Rice Pty Ltd

(71) Shanxi Datong University

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(54) Wireless Monitoring System of Coal and Coal Gangue Mixing Ratio Based on Mon-Hermite Technology
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E21C 41/18 (2006.01)
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G01N 27/02 (2006.01)
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Shanxi Forestry Vocational Technical College see STATE GRID SHANXI ECONOMIC RESEARCH INSTITUTE
(21) 2021105760

Sharad Pawar Dental College see Datta Meghe Institute of Medical Sciences(DU)
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- (71) ShenZhen Vido Technology Co.,Ltd
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- (71)** Southwest University
(11) AU-A-2021103984
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(51) Int. Cl.
H03H 17/02 (2006.01)
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(51) Int. Cl.
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G05B 6/02 (2006.01)
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(54) Novel Method for Position Tracking Control in Energy Storage Process of Mechanical Elastic Energy Storage System
(51) Int. Cl.
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(21) 2021105906
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(54) SIDE-TIPPING TYPE STEREOSCOPIC GARAGE
(51) Int. Cl.
E04H 6/18 (2006.01)
E04H 6/06 (2006.01)
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(72) Chen, Hongsheng
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- (71)** Taishan University
(11) AU-A-2021105781
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A47J 27/21 (2006.01)
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(51) Int. Cl.
G01N 33/02 (2006.01)
G01N 30/72 (2006.01)
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(51) Int. Cl.

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G06T 7/60 (2017.01)
H01L 21/67 (2006.01)
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(54) Disposable debridement bag suitable for debridement vehicle
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A61M 1/00 (2006.01)
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(54) 188Re-labelled Folic Acid Coupled Cis-platinum Magnetic Albumin Compound Nano-particle as well as Preparation Method and Application Thereof
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A61K 51/12 (2006.01)
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A61K 33/243 (2019.01)
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A61K 33/32 (2006.01)
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(74) Ran Tao

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B01J 45/00 (2006.01)
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(54) SYSTEM FOR PACKAGING OF BEVERAGES
(51) Int. Cl.
B65D 75/58 (2006.01)
B65D 17/28 (2006.01)
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(54) System and Method for Design and Construction
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G06F 16/29 (2019.01)
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G06F 16/387 (2019.01)
G06F 30/13 (2020.01)
G06Q 50/08 (2012.01)
G09B 29/00 (2006.01)
G06K 9/00 (2006.01)
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(54) A SYSTEM AND METHOD FOR STRATEGIC MANAGEMENT IN EDUCATIONAL SERVICES
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(71) University of South China
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C25B 11/02 (2021.01)
C01G 49/02 (2006.01)
C02F 1/46 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(74) John Van Raay

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(51) Int. Cl.
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(74) WRAYS PTY LTD

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(71) Wealth Wizards Limited
(11) AU-A-2021107548
(21) 2021107548 **(22)** 24.08.2021
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G06Q 40/02 (2012.01)
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(72) Vail, Tony
(74) Davies Collison Cave Pty Ltd

(71) Wenzhou-Kean University
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(54) A Bioactive Peptide And Its Synthesis Method
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C07K 7/06 (2006.01)
A61P 35/00 (2006.01)
C07K 1/04 (2006.01)
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A61K 38/00 (2006.01)
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(11) AU-A-2021105903
(21) 2021105903 **(22)** 19.08.2021
(54) Air Conditioning and Filtration System
(51) Int. Cl.
F24F 3/04 (2006.01)
B60H 3/06 (2006.01)
F24F 3/16 (2021.01)
B01D 27/14 (2006.01)
B01D 46/00 (2006.01)
B60H 1/00 (2006.01)
F24F 3/00 (2006.01)
F24F 8/108 (2021.01)
F24F 8/95 (2021.01)
(45) 21.10.2021
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(51) Int. Cl.
A61H 7/00 (2006.01)
A61H 37/00 (2006.01)
A61H 23/00 (2006.01)
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(72) Stanojevic, Istok; Wright, Luke; Kelleher, Benjamin
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(21) 2021104522

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(51) Int. Cl.
C10M 145/22 (2006.01)
C09D 167/00 (2006.01)
C09D 175/04 (2006.01)
C10M 103/06 (2006.01)
C10M 107/00 (2006.01)
C10M 107/04 (2006.01)
C10M 107/38 (2006.01)
C10M 107/44 (2006.01)
C10M 149/14 (2006.01)
C23C 4/02 (2006.01)
C23C 22/05 (2006.01)
C10N 40/24 (2006.01)
C10N 50/02 (2006.01)
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(54) Method for determining antioxidant content in lubricating oil by using linear sweep voltammetry
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G01N 33/28 (2006.01)
G01N 27/416 (2006.01)
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(51) Int. Cl.
C08L 61/16 (2006.01)
B29C 70/42 (2006.01)
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G01N 19/02 (2006.01)
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G01N 3/56 (2006.01)
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C22C 1/02 (2006.01)
B22D 17/00 (2006.01)
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C22C 1/00 (2006.01)
C22C 1/06 (2006.01)
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C22C 21/04 (2006.01)

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H02J 3/14 (2006.01)
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 (11) AU-A-2021105802
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G05B 13/04 (2006.01)
F03B 13/06 (2006.01)
G06Q 10/04 (2012.01)
H02J 3/38 (2006.01)
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H02N 2/18 (2006.01)
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 (54) Measuring system and method for near-surface water flux
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Xinyang Academy of Agricultural Sciences see Institute of plant nutrition, resources and environment, Henan Academy of Agricultural Sciences
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Xi'an Jiaotong University see STATE GRID SHANXI ECONOMIC RESEARCH INSTITUTE
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C08L 23/08 (2006.01)
B60R 13/08 (2006.01)
C08K 3/22 (2006.01)
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(54) Lightning Protection System for Assembled Stadiums
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G05B 19/048 (2006.01)
G08B 21/10 (2006.01)
G08B 31/00 (2006.01)
H02G 13/00 (2006.01)
E04H 3/10 (2006.01)
E04H 9/14 (2006.01)
G01R 29/08 (2006.01)
G05B 19/045 (2006.01)
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(72) Zhang, Zhenming
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(54) TENT
(51) Int. Cl.
E04H 15/46 (2006.01)
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(21) 2021105444 (22) 13.08.2021

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(51) Int. Cl.
F25D 29/00 (2006.01)
G05B 19/045 (2006.01)
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(71) Zhejiang Gongshang University
(11) AU-A-2021105763
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(54) An Anonymous Multi-hop Locking Method Supporting Two Rounds of Communications
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G06Q 20/42 (2012.01)
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(11) AU-A-2021107544
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(54) Medical laryngeal mask airway
(51) Int. Cl.
A61M 16/04 (2006.01)
(31) 202120385816.6 (32) 20.02.21 (33) CN
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(72) DENG, Feng
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(54) TRADITIONAL CHINESE MEDICINE COMPOSITION AND PREPARATION METHOD THEREOF
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A61K 35/10 (2015.01)
A61K 9/00 (2006.01)
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A61K 9/46 (2006.01)
A61K 33/28 (2006.01)
A61K 35/64 (2015.01)
A61K 36/076 (2006.01)
A61K 36/284 (2006.01)
A61K 36/344 (2006.01)
A61K 36/484 (2006.01)
A61K 36/534 (2006.01)
A61K 36/74 (2006.01)

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A61P 1/00 (2006.01)
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(72) Zhu, Fengtang; Wang, Fang
(74) Remarkable IP

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2021102863	China Railway Third Group No.2 Engineering Co., Ltd.; China Railway Third Bureau Group Co., Ltd.	2021104523	Northwest Agriculture and Forestry University
2021102954	Xuzhou College of Industrial Technology	2021104666	China Railway 18th Bureau (Group) Co., Ltd.
2021103079	Datta Meghe Institute of Medical Sciences(DU); Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Mahatma Gandhi Ayurved College, Hospital And Research Centre; Wanjari, A.S.	2021104667	China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University
2021103082	Datta Meghe Institute of Medical Sciences(DU); Jawaharlal Nehru Medical College; Yeshwantrao Chavan College Of Engineering; Shrivastava, S.; Shrivastava, P.	2021104668	China Railway 18th Bureau (Group) Co., Ltd.; China State Railway Group Co.,Ltd.
2021103109	Datta Meghe Institute of Medical Sciences; Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Ravi Nair Physiotherapy college; Naqvi, W.; Vaidya, L.	2021104669	China Railway 18th Bureau (Group) Co., Ltd.; Henan Polytechnic University
2021103112	Datta Meghe Institute of Medical Sciences; Sharad Pawar Dental College; Yeshwantrao Chavan College Of Engineering; Belkhode, V.; Nimonkar, S.; Dubey, S.	2021104748	The Affiliated Wuxi Maternity
2021103117	Datta Meghe Institute of Medical Sciences; Jawaharlal Nehru Medical College; Yeshwantrao Chavan College Of Engineering; Zahiruddin, Q.S.; Singhal, D.; Saxena, D.; Khatib, N.; Aidhane, S.	2021104749	China Railway 18th Bureau (Group) Co., Ltd.; Hebei University of Technology
2021103177	SAMROT, A.V.; N., S.; ABIRAMI, S.; DHIVA, S.; REMYA, R.R.; PULLY, D.; J, L.A.A.	2021104834	Institute of Biology, Gansu Academy of Sciences
2021103299	Nanjing Forestry University	2021104835	Jilin University
2021103314	Central South University	2021104942	Jiang, G.
2021103511	Southwest University	2021104987	Institute of Fruit Tree Research, Guangdong Academy of Agricultural Sciences
2021103577	Shandong Provincial No.6 Exploration Institute of Geology and Mineral Resources	2021104990	Environment Monitoring Center of Jiangsu Province
2021103723	Nanjing Institute of Comprehensive Utilization of Wild Plants of All - China Supply and Marketing Cooperative Association	2021104998	Environment Monitoring Center of Jiangsu Province
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2021103960	Southwest University	2021105574	Shandong Chanyan Qiangyuan Laser Technology Co., Ltd.; Laser Institute, Shandong Academy of Sciences
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2021103984	Southwest University	2021105578	Qingdao University of Science and Technology
2021103985	Southwest University	2021105605	Institute of vegetables and flowers, Chinese Academy of Agricultural Sciences
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2021104391	Hunan Normal University	2021105658	Guangxi University of Science and Technology
2021104395	Hunan Normal University; Institute of Subtropical Agriculture,Chinese Academy of Sciences	2021105699	Institute of plant nutrition, resources and environment, Henan Academy of Agricultural Sciences; Xinyang Academy of Agricultural Sciences
2021104443	Institute of Subtropical Agriculture, Chinese Academy of Sciences	2021105723	O'Higgins, U.B.
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2021107544 Zhejiang Jenston Medical Technology Co., Ltd.
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		<u>G09B 19 /-</u>	2021105793	<u>H02J 3 /-</u>	2021104494 2021105798 2021105819 2021105891	<u>H05K 13 /-</u>	2021105893
		<u>G09B 29 /-</u>	2021105921	<u>H02J 7 /-</u>	2021103879 2021104494 2021105803	<u>H05K 5 /-</u>	2021105244 2021105898
			2021104990 2021105744	<u>H02M 7 /-</u>	2021105756	<u>H05K 7 /-</u>	2021105244
			2021105893	<u>H02N 2 /-</u>	2021105756 2021105898	<u>No IPC Mark</u>	
			2021107542				

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<p>(71) Abiomed, Inc. (11) AU-A-2020240311 (21) 2020240311 (22) 20.03.2020 (54) Intelligent image segmentation prior to optical character recognition (OCR) (51) Int. Cl. G06K 9/00 (2006.01) (87) WO2020/191308 (31) 16/360,270 (32) 21.03.19 (33) US (43) 24.09.2020 (72) LEMAY, Paul Roland; AGNELLO, Alessandro Simone (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Acentium Inc. (11) AU-A-2020241707 (21) 2020241707 (22) 13.03.2020 (54) Systems and methods for identifying and monitoring solution stacks (51) Int. Cl. G06F 9/50 (2006.01) G06F 21/57 (2013.01) (87) WO2020/190775 (31) 62/819,369 (32) 15.03.19 (33) US 62/941,537 27.11.19 US (43) 24.09.2020 (72) HAMD, Amine (74) WRAYS PTY LTD</p>	<p>(71) AIREX Co., Ltd. (11) AU-A-2020275529 (21) 2020275529 (22) 18.03.2020 (54) Pass box (51) Int. Cl. A61L 2/18 (2006.01) (87) WO2020/230449 (31) 2019-091088 (32) 14.05.19 (33) JP (43) 19.11.2020 (72) KAWASAKI, Koji; KAKUDA, Daisuke; MASUDOME, Jun; KITANO, Tsukasa; GUO, Zhiqiang (74) RnB IP Pty Ltd</p>
<p>(71) Abiomed, Inc. (11) AU-A-2020248394</p>	<p>(71) Advanced Flexible Composites, Inc. (11) AU-A-2020257186 (21) 2020257186 (22) 15.04.2020 (54) Nonstick composite materials and molded nonstick cookware (51) Int. Cl. A47J 36/02 (2006.01) C23C 26/00 (2006.01) (87) WO2020/214682 (31) PCT/US2019/047249 (32) 20.08.19 (33) US</p>	<p>(71) AlgoTherapeutix (11) AU-A-2021229214 (21) 2021229214 (22) 31.03.2021 (54) Topical pharmaceutical composition in the form of aqueous gel comprising at least amitriptyline (51) Int. Cl. A61K 31/137 (2006.01) A61K 9/06 (2006.01) A61K 31/4709 (2006.01) A61P 9/00 (2006.01) (31) 2003425 (32) 06.04.20 (33) FR (43) 21.10.2021 (72) PRINCIPE NICOLAS, Paola; LALLEMAND, Frédéric; THIROLOIX, Stéphane (74) Griffith Hack</p>
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(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2020248612
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(54) Pharmaceutical composition, comprising human hyaluronidase PH20 variant and drug, for subcutaneous injection

(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61K 47/42 (2017.01)
A61P 35/00 (2006.01)
C12N 9/26 (2006.01)
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 Minsoo; NAM, Ki Seok
(74) Madderns Pty Ltd

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(54) Polymorphs and cocrystals of a cardiac troponin activator

(51) Int. Cl.
A61P 9/00 (2006.01)
C07D 401/06 (2006.01)
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 KELLY, Ron C.; MENNEN, Steven M.;
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 WILSILY, Ashraf; WRIGHT, Mark
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(54) The use of low molecular weight polyvinylpyrrolidone (PVP) to reduce viscosity of high concentration protein formulations

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A61K 9/00 (2006.01)
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G06F 7/58 (2006.01)
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(54) Breakaway system for captive beam system

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B60P 7/15 (2006.01)
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(71) Apple Inc.
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(54) Generating unexpected location notifications

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 DE JONG, Frank; WILLIAMS, David
 John; NEEDLE, Rachel F.; PAI,
 Raghunandan K.; BHATTACHARYA,
 Swadesh
(74) FPA Patent Attorneys Pty Ltd

(71) Asahi Kasei Kabushiki Kaisha
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(54) Device, method, and program

(51) Int. Cl.
C01B 3/00 (2006.01)
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G06Q 10/06 (2012.01)
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(54) Raw material solution concentration system

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B01D 61/00 (2006.01)
A23L 5/00 (2016.01)
B01D 63/02 (2006.01)
B01D 69/00 (2006.01)
B01D 69/08 (2006.01)
B01D 69/10 (2006.01)
B01D 69/12 (2006.01)
B01D 71/32 (2006.01)
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B01D 71/38 (2006.01)
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B01D 71/52 (2006.01)
B01D 71/56 (2006.01)
B01D 71/60 (2006.01)
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(72) MIKAWA, Masato; FUJITA, Mitsuru;
 HOTTA, Daisuke
(74) Griffith Hack

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C21D 1/18 (2006.01)
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(54) Swing door operator operable in powered and powerless mode

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E05F 1/00 (2006.01)
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E05F 3/22 (2006.01)
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H02P 3/12 (2006.01)
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(54) A system and method for controlling the operation of a door
(51) Int. Cl.
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(54) Novel thymomimetics
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A61K 31/341 (2006.01)
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A61K 31/4409 (2006.01)
A61K 31/505 (2006.01)
A61P 5/14 (2006.01)
A61P 25/28 (2006.01)
C07D 205/04 (2006.01)
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(51) Int. Cl.
A01N 43/80 (2006.01)
A01N 27/00 (2006.01)
A01N 33/12 (2006.01)
A01N 37/10 (2006.01)
A01N 37/26 (2006.01)
A01N 43/58 (2006.01)
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A01N 25/00 (2006.01)
B01D 65/08 (2006.01)
D06M 16/00 (2006.01)
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A61F 2/28 (2006.01)
A61L 27/42 (2006.01)

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G06Q 20/34 (2012.01)
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G06Q 20/04 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
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B01D 45/16 (2006.01)
F02M 35/022 (2006.01)
F02M 35/08 (2006.01)
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C07D 213/75 (2006.01)
C07D 215/38 (2006.01)
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C08J 3/02 (2006.01)
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C22C 38/00 (2006.01)
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B60T 17/22 (2006.01)
B60T 13/66 (2006.01)
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F16D 65/18 (2006.01)
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A61K 31/437 (2006.01)
A61P 3/00 (2006.01)
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G06F 21/36 (2013.01)
G06K 19/06 (2006.01)
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 Tina Marie; MURGIDA, Matthew Frank;
 BAUTISTA, Ulises Hernando
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 nia; TAE Technologies, Inc.
(11) AU-A-2020240068
(21) 2020240068 **(22)** 18.03.2020
(54) Systems and methods for compact
 laser wakefield accelerated electrons
 and X-rays
(51) Int. Cl.
A61B 6/00 (2006.01)
A61N 5/10 (2006.01)
H05G 2/00 (2006.01)
H05H 15/00 (2006.01)
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 ROA, Dante; NECAS, Ales
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(21) 2020270071 **(22)** 06.05.2020
(54) Non-HLA markers of transplant rejec-
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(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 5/00 (2006.01)
C40B 30/04 (2006.01)
C40B 30/10 (2006.01)
G01N 33/53 (2006.01)
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 BUTLER, Carrie L.; GJERTSON, David
 W.
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A61K 31/382 (2006.01)
A61K 31/495 (2006.01)
A61K 31/496 (2006.01)
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A61K 31/675 (2006.01)
C07F 9/6561 (2006.01)
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 (21) 2020271256 (22) 08.04.2020
 (54) Plasma source chamber for a spectrometer
 (51) Int. Cl.
G01N 21/73 (2006.01)
G01J 3/443 (2006.01)
H05H 1/46 (2006.01)
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A23L 33/00 (2016.01)
A61K 9/107 (2006.01)
A61K 47/28 (2006.01)
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A61K 31/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
G01N 33/574 (2006.01)
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A61P 25/16 (2006.01)
A61P 25/18 (2006.01)
A61P 25/28 (2006.01)
A61P 25/30 (2006.01)
A61P 25/32 (2006.01)
C07K 5/02 (2006.01)
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C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
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 (54) Method and apparatus for reconditioning kidneys
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A01N 1/02 (2006.01)
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 (54) Method and apparatus for reconditioning organs
 (51) Int. Cl.
A01N 1/02 (2006.01)
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E04G 11/06 (2006.01)
E04B 1/35 (2006.01)
E04G 17/14 (2006.01)
G01S 5/02 (2010.01)
G01S 5/14 (2006.01)
G06Q 50/08 (2012.01)
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C01B 32/194 (2017.01)
C01B 32/198 (2017.01)
H01J 37/20 (2006.01)
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 (11) AU-A-2020242361
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 (51) Int. Cl.
C12N 15/82 (2006.01)
A01H 1/00 (2006.01)
C12N 5/04 (2006.01)
C12N 5/14 (2006.01)
C12N 15/29 (2006.01)
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 (43) 24.09.2020
 (72) REINHEIMER, Renata; BELLINO, Carolina
 (74) Burns IP & Commercial Pty Ltd
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- (71) University of Delaware
 (11) AU-A-2020244873
 (21) 2020244873 (22) 27.03.2020
 (54) Polymers having stable cationic pendant groups for use as anion exchange membranes
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B32B 27/30 (2006.01)
B01D 71/80 (2006.01)
F16L 11/04 (2006.01)
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A61K 39/12 (2006.01)
A61K 39/155 (2006.01)
A61P 31/14 (2006.01)
C07K 14/115 (2006.01)
C12N 15/00 (2006.01)
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F24S 50/40 (2018.01)
F24S 20/20 (2018.01)
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B29B 17/00 (2006.01)
B09B 3/00 (2006.01)
B32B 5/22 (2006.01)
B32B 27/08 (2006.01)
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 (54) A computer-implemented method and system for interactively measuring ocular refractive errors, addition and power of reading glasses
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A61B 3/103 (2006.01)
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 (21) 2019443684 (22) 30.04.2019
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G06F 8/38 (2018.01)
G06F 8/41 (2018.01)
G06F 9/451 (2018.01)
G06F 11/36 (2006.01)
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E03F 5/04 (2006.01)
F16J 15/02 (2006.01)
 (87) WO2020/212506
 (31) 10 2019 110 322.3 (32) 18.04.19 (33) DE
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 (54) Automated signal compliance monitoring and alerting system
 (51) Int. Cl.
G07C 5/08 (2006.01)
B61L 25/02 (2006.01)
G01C 21/16 (2006.01)
G01C 23/00 (2006.01)
G07C 5/00 (2006.01)
 (87) WO2020/205684
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 62/829,730 05.04.19 US
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 (21) 2020232605 (22) 28.02.2020
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 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)
 (87) WO2020/180726
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 62/812,922 01.03.19 US
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 (74) MINTER ELLISON
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- (71) Zebra Technologies Corporation
 (11) AU-A-2020308334
 (21) 2020308334 (22) 05.06.2020
 (54) Hybrid illumination system for symbology readers and method of reading dpm codes therewith
 (51) Int. Cl.
G06K 7/10 (2006.01)
G02B 26/10 (2006.01)
G03B 15/05 (2021.01)
G06K 7/14 (2006.01)
G06K 19/06 (2006.01)
H04N 1/024 (2006.01)
 (87) WO2020/263536
 (31) 16/457,521 (32) 28.06.19 (33) US
 (43) 30.12.2020
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2019304166	Serani Mostazal, J.	2020240797	Nobelpharma Co., Ltd.; Yutoku Pharmaceutical industry Co., Ltd.
2019367972	Rabani, E.	2020241005	Canon Kabushiki Kaisha
2019430399	Covidien LP	2020241502	Regeneron Pharmaceuticals, Inc.
2019431004	Kabushiki Kaisha EarthTechnica	2020241707	Acentium Inc.
2019431872	Bomersbach, D.; Richardson, D.	2020241955	The UAB Research Foundation
2019433629	Citrix Systems, Inc.	2020242037	Invetech, Inc.
2019434295	ABB Power Grids Switzerland AG	2020242082	Fitbeat Australia Pty Ltd
2019434473	Cabinplant A/S	2020242361	Universidad Nacional del Litoral; Consejo Nacional de Investigaciones Científicas Y Técnicas (CONICET)
2019435207	General Electric Company	2020242762	BASF SE
2019435292	Energy Technology Services Pty. Ltd.	2020242810	Frank, W.; Pfirrmann, F.
2019436002	Citrix Systems, Inc.	2020242966	Sanofi
2019436290	NTT DoCoMo, Inc.	2020243095	21C BIO
2019436353	Jumbo Technology Co., Ltd.	2020243512	Saipem S.p.A.
2019436989	Panasonic Intellectual Property Corporation of America	2020243610	Innovazione E Sviluppo Sostenibile S.r.l.
2019436991	Panasonic Intellectual Property Corporation of America	2020243911	Huawei Technologies Co., Ltd.
2019437394	Razer (Asia-Pacific) Pte. Ltd.	2020244706	Capital One Services, LLC
2019438101	Dualbase Tecnologia Eletrônica LTDA	2020244846	Esco Group LLC
2019438954	Novoluto GmbH	2020244865	Thomas Jefferson University
2019439711	Chen, W.	2020244873	University of Delaware
2019440194	Rubberbras Ltda	2020244878	Mayo Foundation for Medical Education and Research; Vyriad, Inc.
2019443684	Walkme Ltd.	2020245031	Janssen Pharmaceutica NV
2019454310	Halliburton Energy Services, Inc.	2020245046	United Kingdom Research and Innovation
2020220328	Oncomfort SA	2020245070	ReCarbon, Inc.
2020227153	SICPA HOLDING SA	2020245300	Signode Industrial Group LLC
2020227304	Aichinger, J.	2020245462	Equifax Inc.
2020228151	Seqirus UK Limited	2020245491	InQB8 Medical Technologies LLC
2020228375	Digital Blood Corporation	2020245498	PPG Industries Ohio, Inc.
2020228522	LG Electronics Inc.	2020245548	Flagship Pioneering Innovations VI, LLC
2020228523	LG Electronics Inc.	2020246206	Daicel Corporation
2020228711	SICPA HOLDING SA	2020246313	GenFleet Therapeutics (Shanghai) Inc.; Zhejiang GenFleet Therapeutics Co., Ltd.
2020228953	LG Electronics Inc.	2020246683	L'Air Liquide Societe Anonyme pour L'Etude et L'Exploitation des Procèdes Georges Claude
2020228977	Ancra International LLC	2020246823	MHWirth GmbH
2020229041	Galapagos NV	2020247075	Control Cutter AS
2020229840	Dakine IP Holdings LP	2020247249	Schaaf, D.
2020229871	Regeneron Pharmaceuticals, Inc.	2020247359	Hella Gutmann Solutions GmbH
2020230454	Vast Solar Pty Ltd	2020247437	Fuji Oil Holdings Inc.
2020231078	CytoSeek Ltd	2020247706	Caterpillar Inc.
2020231144	Faiveley Transport Amiens	2020247722	ConocoPhillips Company
2020231319	Boehringer Ingelheim Animal Health USA Inc.	2020247790	Anametric, Inc.
2020231343	Regeneron Pharmaceuticals, Inc.	2020247824	Karsten Manufacturing Corporation
2020231396	Conatus Pharmaceuticals Inc.	2020247830	Makenit Pty Ltd
2020231586	Faiveley Transport Tours	2020247918	Encodia, Inc.
2020231613	Delectrik Systems Private Limited	2020247991	Intercept Pharmaceuticals, Inc.
2020231841	Faiveley Transport Amiens	2020248002	The Regents of the University of Michigan
2020232205	Autobahn Therapeutics, Inc.	2020248103	PTC Therapeutics, Inc.
2020232605	Xencor, Inc.	2020248394	Abiomed, Inc.
2020232761	F-star Therapeutics, Inc.	2020248400	Mallinckrodt Pharmaceuticals Ireland Limited
2020233038	Suzhou Genhouse Pharmaceutical Co., Ltd	2020248612	Alteogen Inc.
2020233045	Jiangsu Hengrui Medicine Co., Ltd.; Suzhou Suncadia Biopharmaceuticals Co., Ltd.	2020248738	ServiceNow, Inc.
2020233221	Umdasch Group NewCon GmbH	2020248745	Kansas State University Research Foundation
2020233758	CHA, Y.	2020249324	Hella Gutmann Solutions GmbH
2020233809	Beam Alpha, Inc.	2020249526	Axtone Spolka Akcyjna
2020234406	Korea University Research and Business Foundation	2020249811	Tóth, K.; Várdai, I.
2020234699	Bone Foam, Inc.	2020249868	Tonix Pharma Holdings Limited
2020234711	BioMadison, Inc.	2020249923	Nitto Denko Corporation
2020234995	Amgen Inc.; Cytokinetics, Inc.	2020250030	Oji Fibre Solutions (NZ) Limited
2020235034	Nicoventures Trading Limited	2020250405	Asahi Kasei Kabushiki Kaisha
2020235315	Nicoventures Trading Limited	2020250960	Salts Healthcare Limited; Swansea University
2020236492	Nicoventures Trading Limited	2020251269	Pharmafilter B.V.
2020237205	Allbirds, Inc.	2020251831	Johnson & Johnson Vision Care, Inc.
2020238495	Nicoventures Trading Limited	2020251898	Clip. Bike Inc.
2020239260	Biofouling Technologies, Inc.	2020251982	Fabbrica Italiana Cosmetica S.r.l.; Marii, D.
2020239268	BioMimetic Therapeutics, LLC	2020251989	OURS Technology, LLC
2020239412	RAI Strategic Holdings, Inc.		
2020240068	The Regent of the University of California; TAE Technologies, Inc.		
2020240311	Abiomed, Inc.		

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2020252001	Trustees of Boston University	2020286068	Asahi Kasei Kabushiki Kaisha
2020252268	Gedea Biotech AB	2020287968	Komatsu Ltd.
2020252556	TeneoBio, Inc.	2020289824	NEUROTECHNOLOGY, LLC
2020252654	Nitta Corporation	2020290093	Philip Morris Products S.A.
2020252758	Siemens Mobility GmbH	2020292151	Baumgartner, D.
2020253312	Wi-Tronix, LLC	2020293435	Assa Abloy Entrance Systems AB
2020253330	Tae Technologies, Inc.	2020294186	SenseTime International Pte. Ltd.
2020253440	The Gillette Company LLC	2020298366	Komatsu Ltd.
2020253548	FMC Technologies, Inc.	2020302242	ASSA ABLOY Entrance Systems AB
2020253736	Nanyang Technological University	2020303920	Tencent America LLC
2020253811	Rheem Manufacturing Company	2020307364	Halliburton Energy Services, Inc.
2020254497	TAE Technologies, Inc.	2020307907	Assa Abloy Entrance Systems AB
2020254639	Kortuc Inc.	2020308334	Zebra Technologies Corporation
2020254681	RAI Strategic Holdings, Inc.	2020311418	Micro-Tech (Nanjing) Co., Ltd.
2020255434	Fujitsu General Limited	2020318024	Legend Story Studios Limited
2020256029	Rosemount Inc	2020323949	iKamper Co., Ltd.
2020256105	Cytec Industries, Inc.	2020323964	ICU Medical, Inc.
2020256187	RAI Strategic Holdings, Inc.	2020333826	Philip Morris Products S.A.
2020256846	Pivotree Pty Ltd	2020340881	Regeneron Pharmaceuticals, Inc.
2020257179	Greeneden U.S. Holdings II, LLC	2020344324	Nichiha Corporation
2020257186	Advanced Flexible Composites, Inc.	2020348214	Tencent America LLC
2020257546	Wedi GmbH	2020348846	Tencent America LLC
2020257569	Electrochaea GmbH	2020349504	Tencent America LLC
2020257902	Micro-Tech (Nanjing) Co., Ltd.	2020351099	Tencent America LLC
2020258480	Genentech, Inc.	2020352513	Tencent America LLC
2020259500	Genomatica, Inc.	2020356457	Tencent America LLC
2020259828	Plantics B.V.	2020371551	Tencent America LLC
2020260698	VisionApp Solutions S.L.	2020372880	Tencent America LLC
2020263152	SciSparc Ltd.	2020391822	AsiaTech Co., Ltd.
2020263318	Amgen Inc.	2020394626	Maggiore, L.
2020263910	F. Hoffmann-La Roche AG	2020425506	BioBo GmbH
2020263967	KONE Corporation	2020429373	State Grid Corporation of China; SINOMA ADVANCED MATERIALS CO., LTD.; North China Electric Power University; SINOMA JIANGXI INSULATOR AND ELECTRICITY CO., LTD.
2020264370	Hitachi Building Technology (Guangzhou) Co., Ltd.	2021229214	AlgoTherapeutix
2020264439	Abram's Nation, LLC	2021236048	Locus IP Company, LLC
2020264787	Gripple Limited		
2020265861	Equinor Energy AS		
2020265894	IDIM Pty Ltd		
2020266253	MAB Discovery GmbH		
2020267062	Vielfreund, S.; Vielfreund, A.; Vielfreund, T.		
2020268789	Apple Inc.		
2020269874	Kuhne Anlagenbau GmbH		
2020270071	The Regents of the University of California		
2020270554	Parkin, N.		
2020270928	UGLK Science AB		
2020271256	Thermo Fisher Scientific (Bremen) GmbH		
2020271618	Herrenknecht AG		
2020271766	Chevron U.S.A. Inc.		
2020271840	PayPal, Inc.		
2020271851	NxStage Medical, Inc.		
2020271893	Riptide Bioscience, Inc.		
2020271938	Eurodia Industrie		
2020272116	Fixed Phage Limited		
2020272614	Automobili Lamborghini S.p.A.		
2020272737	PayPal, Inc.		
2020272806	UGLX Research AB		
2020272937	Nurix Therapeutics, Inc.		
2020272997	Oxford Nanopore Technologies Limited; P&Z Biological Technology LLC		
2020273443	Dana-Farber Cancer Institute, Inc.; Voronoi Inc.		
2020275125	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.		
2020275529	AIREX Co., Ltd.		
2020275726	Dana-Farber Cancer Institute, Inc.		
2020276364	Société des Produits Nestlé S.A.		
2020277661	Valneva SE		
2020277670	Société des Produits Nestlé S.A.		
2020277678	Fresenius Kabi Deutschland GmbH		
2020278163	Fresenius Kabi Deutschland GmbH		
2020278825	Société des Produits Nestlé S.A. Entre-deux-Villes 1800 Vevey Switzerland		
2020279097	The Regents of the University of California		
2020280785	T-Heart SAS		

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<u>A01G 7 /-</u>	<u>A23K 10 /-</u>	<u>A45C 3 /-</u>	<u>A61G 13 /-</u>	2020266253	<u>A61M 21 /-</u>
2020272116	2020247249	2020227304	2020234699	2020270071	2020220328
	<u>A23K 20 /-</u>	<u>A47B 13 /-</u>	<u>A61G 5 /-</u>	2020277661	<u>A61M 39 /-</u>
<u>A01H 1 /-</u>	2020247249	2020234699	2020233758	2020340881	2020323964
2020242361	2020278825	<u>A47B 23 /-</u>	<u>A61H 19 /-</u>	<u>A61K 45 /-</u>	
<u>A01M 3 /-</u>	<u>A23K 40 /-</u>	2020234699	2019438954	2020248612	<u>A61M 5 /-</u>
2020394626	2020247249	<u>A47B 7 /-</u>	<u>A61H 23 /-</u>	2020266253	2020254639
<u>A01N 1 /-</u>	<u>A23K 50 /-</u>	2020234699	2019304166	2020340881	2020323964
2020270928	2020278825	<u>A47B 96 /-</u>	<u>A61H 9 /-</u>	<u>A61K 47 /-</u>	<u>A61M 60 /-</u>
2020272806	<u>A23L 29 /-</u>	2020234699	2019438954	2020231319	2020248400
<u>A01N 25 /-</u>	2020247249	<u>A47C 20 /-</u>	<u>A61J 1 /-</u>	2020240797	<u>A61N 5 /-</u>
2020239260	2020277670	2020234699	2020254639	2020241955	2020240068
<u>A01N 27 /-</u>	<u>A23L 33 /-</u>	2020234699	2020271851	2020248612	<u>A61M 60 /-</u>
2020242762	2019439711	<u>A47C 21 /-</u>	2020323964	2020253736	<u>A61N 5 /-</u>
<u>A01N 33 /-</u>	2020241955	<u>A47J 36 /-</u>	<u>A61K 31 /-</u>	2020263318	2020240068
2020242762	2020247249	2020257186	2020229041	<u>A61K 48 /-</u>	<u>A61P 1 /-</u>
<u>A01N 37 /-</u>	<u>A23L 5 /-</u>	<u>A61B 17 /-</u>	2020231319	2020245548	2020231396
2020242762	2020286068	2020239268	2020232205	2020248745	<u>A61P 25 /-</u>
<u>A01N 43 /-</u>	<u>A23L 7 /-</u>	2020257902	2020232761	<u>A61K 51 /-</u>	2020232205
2020242762	2020247249	2020311418	2020233038	2020247991	2020240797
<u>A01N 47 /-</u>	<u>A24B 15 /-</u>	<u>A61B 3 /-</u>	2020233045	<u>A61K 8 /-</u>	2020245031
2020242762	2020239412	2020220328	2020240797	2019439711	2020249868
<u>A01N 57 /-</u>	<u>A24D 1 /-</u>	2020260698	2020244865	2020251982	2020273443
2020242762	2020290093	<u>A61B 34 /-</u>	2020246313	<u>A61K 9 /-</u>	<u>A61P 27 /-</u>
<u>A01N 65 /-</u>	<u>A24F 40 /-</u>	2019430399	2020247991	2020229871	2020229871
2020242762	2020235034	<u>A61B 5 /-</u>	2020248002	2020231319	<u>A61P 29 /-</u>
2020243610	2020236492	2020220328	2020252268	2020233045	2020263152
<u>A01P 11 /-</u>	2020238495	2020228375	2020263152	2020240797	<u>A61P 3 /-</u>
2020243610	2020254681	2020248394	2020272937	2020241955	2020229041
	2020256187	2020249923	2020273443	2020248612	2020253736
<u>A23C 21 /-</u>	<u>A24F 47 /-</u>	<u>A61B 6 /-</u>	2020279097	2020252268	<u>A61P 31 /-</u>
2020271938	2020235034	2020220328	2021229214	2020263318	2021229214
<u>A23C 9 /-</u>	2020235315	<u>A61B 5 /-</u>	<u>A61K 35 /-</u>	<u>A61L 101 /-</u>	2020243095
2020271938	2020238495	2020240068	2020231078	2020252654	2020246313
<u>A23D 7 /-</u>	<u>A24F 47 /-</u>	<u>A61B 90 /-</u>	2020253736	<u>A61L 2 /-</u>	2020252268
2020247437	2020235034	2020240068	2020272116	2020263318	2020277661
<u>A23J 1 /-</u>	2020235315	<u>A61B 6 /-</u>	<u>A61K 38 /-</u>	<u>A61L 101 /-</u>	2020243095
2020425506	2020238495	2019430399	2020231078	2020252654	2020246313
	<u>A43C 15 /-</u>	<u>A61F 2 /-</u>	2020242966	<u>A61L 27 /-</u>	2020252268
	2020242810	2020240068	2020243095	2020239268	2020231319
	<u>A45C 11 /-</u>	<u>A61B 90 /-</u>	2020244878	<u>A61L 31 /-</u>	<u>A61P 35 /-</u>
	2020227304	2019430399	2020248745	2020252654	2020231078
	<u>A45C 13 /-</u>	<u>A61F 5 /-</u>	2020271893	<u>A61L 27 /-</u>	2020231343
	2020227304	2020239268	2020275726	2020239268	2020232605
		2020245491		<u>A61L 31 /-</u>	2020233038
		2020280785		2020254639	2020248002
		<u>A61F 5 /-</u>		<u>A61M 1 /-</u>	2020248612
		2020289824		2020248400	2020252556
				<u>A61M 11 /-</u>	2020258480
				2020254681	2020272937
					<u>A61P 37 /-</u>
					2020272937

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<u>A61P 43 /-</u>	<u>B01D 71 /-</u>	<u>B25J 9 /-</u>	<u>B32B 27 /-</u>	<u>B62M 6 /-</u>	<u>B82Y 15 /-</u>
2020240797 2020263152	2020244873 2020286068	2019430399 2020253548	2020244873 2020250960 2020267062 2020269874	2020251898	2020272997
<u>A61P 5 /-</u>	<u>B01F 3 /-</u>	<u>B26B 21 /-</u>		<u>B63B 21 /-</u>	<u>B82Y 20 /-</u>
2020229041 2020232205	2020246683	2020253440	<u>B32B 5 /-</u>	2020256846	2020246206
<u>A61P 7 /-</u>	<u>B01J 19 /-</u>	<u>B28B 15 /-</u>	2020267062	<u>B63B 32 /-</u>	<u>B82Y 30 /-</u>
2020233045	2020272116	2020271618	<u>B32B 7 /-</u>	2020229840	2019367972 2020246206
<u>A61P 9 /-</u>	<u>B01J 3 /-</u>	<u>B28B 17 /-</u>	2020269874	<u>B63B 59 /-</u>	<u>B82Y 40 /-</u>
2020229041 2020234995 2020278825 2021229214	2020246206	2020271618	<u>B41J 3 /-</u>	2020239260	2019367972 2020246206
<u>A61Q 19 /-</u>	<u>B01L 3 /-</u>	<u>B28B 5 /-</u>	2020277678 2020278163	<u>B63C 11 /-</u>	<u>C01B 13 /-</u>
2019439711	2020234406	2020271618	<u>B42D 25 /-</u>	2020253548	2020254639
<u>A61Q 5 /-</u>	<u>B01L 99 /-</u>	<u>B28B 7 /-</u>	2020227153	<u>B65B 11 /-</u>	<u>C01B 15 /-</u>
2020251982	2020271851	2020271618	<u>B60G 17 /-</u>	2020245300	2020254639
<u>A63B 24 /-</u>	<u>B02C 2 /-</u>	<u>B28D 1 /-</u>	2020272614	<u>B65B 13 /-</u>	<u>C01B 3 /-</u>
2020242082	2019431004	2020265894	<u>B60K 28 /-</u>	2020245300	<u>C01B 3 /-</u>
<u>A63C 17 /-</u>	<u>B05D 3 /-</u>	<u>B29B 11 /-</u>	2020252758	<u>B65B 43 /-</u>	<u>C01B 32 /-</u>
2020247824	2020227153	2019440194	<u>B60P 7 /-</u>	<u>B65B 57 /-</u>	2020245046 2020246206
<u>A63F 1 /-</u>	<u>B07B 1 /-</u>	<u>B29B 17 /-</u>	2020228977	2020245300	<u>C02F 3 /-</u>
2020318024	2020251269	2019440194 2020267062	<u>B60R 16 /-</u>	<u>B65B 61 /-</u>	2020246683
<u>A63F 13 /-</u>	<u>B09B 3 /-</u>	<u>B29C 48 /-</u>	2020247359	2020277678 2020278163	<u>C04B 22 /-</u>
2019436353	2020267062	2020269874	<u>B60T 13 /-</u>	<u>B65D 21 /-</u>	2020247830
<u>A63F 3 /-</u>	<u>B21B 29 /-</u>	<u>B29C 55 /-</u>	2020231144 2020231841	2020250030	<u>C04B 24 /-</u>
2020318024	2020247075	2020269874	<u>B60T 17 /-</u>	<u>B65D 37 /-</u>	2020247830
<u>B01D 15 /-</u>	<u>B23D 15 /-</u>	<u>B29C 65 /-</u>	2020231144 2020231841	2020269874	<u>C04B 28 /-</u>
2020234711	2020247075	2020242037	<u>B60T 8 /-</u>	<u>B65D 5 /-</u>	2020247830
<u>B01D 45 /-</u>	<u>B23D 21 /-</u>	<u>B29D 11 /-</u>	2020252758	2020250030 2020333826	<u>C04B 7 /-</u>
2020247706	2020247075	2020251831	<u>B61D 45 /-</u>	<u>B65D 65 /-</u>	2020247830
<u>B01D 46 /-</u>	<u>B23K 35 /-</u>	<u>B29D 29 /-</u>	2020228977	2020269874	<u>C05G 3 /-</u>
2020252654	2020391822	2019440194	<u>B61G 5 /-</u>	<u>B65D 85 /-</u>	2020242762
<u>B01D 61 /-</u>	<u>B25J 11 /-</u>	<u>B30B 11 /-</u>	2020249526	2020250030	<u>C07C 235 /-</u>
2020286068	2020271618	2020276364	<u>B61H 13 /-</u>	<u>B66B 1 /-</u>	2020231396
<u>B01D 63 /-</u>	<u>B25J 13 /-</u>	<u>B30B 15 /-</u>	2020231144 2020231841	2020263967	<u>C07C 237 /-</u>
2020286068	2020253548	2020276364	<u>B61L 15 /-</u>	<u>B66B 5 /-</u>	2020231396
<u>B01D 65 /-</u>	<u>B25J 15 /-</u>	<u>B31F 1 /-</u>	2020231586	2020263967	<u>C07C 251 /-</u>
2020239260	2020253548	2020277678 2020278163	<u>B61L 25 /-</u>	<u>B82B 3 /-</u>	2020231396
<u>B01D 69 /-</u>	<u>B25J 5 /-</u>	<u>B32B 1 /-</u>	2020252758 2020253312	2019367972	<u>C07C 255 /-</u>
2020286068	2020271618	2020269874			2020231396

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2020232205	<u>C07D 487 /-</u>	2020254639	2020391822	2020264439	2020257546
<u>C07D 205 /-</u>	2020232761	<u>C09D 163 /-</u>	<u>C22C 38 /-</u>	<u>E05F 1 /-</u>	<u>F16K 11 /-</u>
2020232205	2020248103	2020245498	2020244846	2020293435	2020253811
<u>C07D 207 /-</u>	<u>C07D 491 /-</u>	<u>C09D 5 /-</u>	<u>C23C 26 /-</u>	<u>E05F 15 /-</u>	<u>F16K 31 /-</u>
2020232205	2020233038	2020245498	2020257186	2020293435	2020253811
<u>C07D 211 /-</u>	2020272937	<u>C09D 7 /-</u>	<u>C40B 30 /-</u>	2020302242	<u>F16L 11 /-</u>
2020232205	<u>C07D 498 /-</u>	2020250960	2020270071	2020307907	2020244873
<u>C07D 213 /-</u>	2020233038	<u>C09K 21 /-</u>	<u>D01D 1 /-</u>	<u>E05F 3 /-</u>	<u>F16L 27 /-</u>
2020231396	<u>C07F 9 /-</u>	2020245498	2020256105	2020293435	2020243512
2020232205	2020248002	<u>C11C 3 /-</u>	<u>D01F 6 /-</u>	<u>E05F 5 /-</u>	<u>F16M 1 /-</u>
<u>C07D 215 /-</u>	<u>C07K 1 /-</u>	2020277670	2020256105	2020307907	2019440194
2020231396	2020234711	2020278825	<u>D01F 9 /-</u>	<u>E06C 7 /-</u>	<u>F24H 1 /-</u>
<u>C07D 217 /-</u>	<u>C07K 14 /-</u>	<u>C12N 1 /-</u>	2020256105	2020323949	2020253811
2020231396	2020231078	2020259500	<u>D04C 1 /-</u>	<u>E21B 41 /-</u>	<u>F24H 9 /-</u>
<u>C07D 239 /-</u>	2020234711	<u>C12N 15 /-</u>	2020229840	2020253548	2020253811
2020231396	2020241502	2020229871	<u>D06M 15 /-</u>	2020307364	<u>F24S 20 /-</u>
2020232205	2020243095	2020241502	2020237205	2020247722	2020230454
<u>C07D 241 /-</u>	2020244878	2020242361	<u>D06M 16 /-</u>	2020271766	<u>F24S 23 /-</u>
2020233038	2020252001	2020242966	2020239260	2019431872	2020230454
<u>C07D 257 /-</u>	2020272997	2020243095	<u>E02F 3 /-</u>	2019454310	<u>F24S 50 /-</u>
2020231396	2020277661	2020244865	2020298366	2020307364	2020230454
<u>C07D 277 /-</u>	<u>C07K 16 /-</u>	2020245548	<u>E02F 9 /-</u>	<u>E21C 25 /-</u>	<u>F25B 21 /-</u>
2020246313	2020231343	2020248745	2020244846	2020265894	2020228522
<u>C07D 307 /-</u>	2020232605	2020259500	2020265894	<u>E21C 35 /-</u>	2020228523
2020232205	2020243095	2020277661	2020287968	2020265894	2020228953
<u>C07D 333 /-</u>	2020245031	<u>C12N 9 /-</u>	2020298366	<u>E21D 11 /-</u>	<u>F25B 39 /-</u>
2020231396	2020252001	2020242966	<u>E03F 5 /-</u>	2020271618	2020255434
2020232205	2020252556	2020247918	<u>E04B 1 /-</u>	<u>F02M 35 /-</u>	<u>F25D 11 /-</u>
<u>C07D 377 /-</u>	2020258480	2020248612	2020233221	2020247706	2020228522
2020232205	2020263910	2020275726	2020344324	<u>F04B 11 /-</u>	2020228523
<u>C07D 401 /-</u>	2020266253	<u>C12P 1 /-</u>	<u>E04B 2 /-</u>	2020246823	<u>F25D 17 /-</u>
2020233038	2020340881	2020242966	2020344324	<u>F04B 15 /-</u>	2020228522
2020234995	<u>C07K 5 /-</u>	2020247918	<u>E04F 13 /-</u>	2020246823	2020228523
2020272937	2020249868	2020248612	<u>E04G 11 /-</u>	<u>F04B 43 /-</u>	<u>F25D 21 /-</u>
<u>C07D 403 /-</u>	2020270071	2020275726	2020257546	2020246823	2020228523
2020233038	<u>C07K 7 /-</u>	<u>C12P 5 /-</u>	<u>E04B 1 /-</u>	<u>F16D 65 /-</u>	<u>F25D 27 /-</u>
2020248103	2020271893	2020257569	2020233221	2020231144	2020275125
<u>C07D 405 /-</u>	<u>C08J 3 /-</u>	<u>C12P 7 /-</u>	2020344324	2020231841	
2020272937	2020256105	2020257569	<u>E04G 17 /-</u>		
<u>C07D 471 /-</u>	<u>C08J 7 /-</u>	<u>C12P 9 /-</u>			
2020229041	2020250960	2020259500			
2020233038	2020250960	2021236048			
2020246313	<u>C08K 9 /-</u>	<u>C12Q 1 /-</u>			
2020248103	2020250960	2020241502			
	<u>C08L 67 /-</u>	<u>C21D 1 /-</u>			
	2020259828	2020391822			

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2020228522	2020244865	2020246683	2020244706	<u>H01M 10 /-</u>	2019454310
2020228523	2020247991		2020271840		
2020228953	2020256029	<u>G05B 23 /-</u>		2020245498	<u>H04L 12 /-</u>
<u>F26B 5 /-</u>	2020270071	2020246683	<u>G06Q 50 /-</u>	<u>H01M 50 /-</u>	2019436002
	2020271893		2020233221		
2020286068	2020272997	<u>G06F 11 /-</u>	2020246683	2020245498	<u>H04L 29 /-</u>
			2020250405	<u>H01M 8 /-</u>	2019433629
<u>F28D 1 /-</u>	<u>G01P 1 /-</u>	2019443684	2020287968		2020227153
	2019438101	<u>G06F 16 /-</u>		2020231613	2020231586
2020255434		2020248738	<u>G06T 1 /-</u>	<u>H01R 13 /-</u>	2020254681
<u>F28F 1 /-</u>	<u>G01P 3 /-</u>		2019433629		2020257179
	2020252758	<u>G06F 21 /-</u>		2020270554	<u>H04L 5 /-</u>
2020255434		2020227153	<u>G06T 7 /-</u>	<u>H02G 3 /-</u>	2020243911
<u>F28F 9 /-</u>	<u>G01P 5 /-</u>	2020241707	2020248394		
	2019435292	<u>G06F 3 /-</u>	2020249324	2020264787	<u>H04L 9 /-</u>
2020255434		2019436353	<u>G07C 5 /-</u>	<u>H02H 3 /-</u>	2020227153
<u>F28G 15 /-</u>	<u>G01R 27 /-</u>	2020272737	2020253312	2019434295	<u>H04N 1 /-</u>
	2019438101	<u>G06F 7 /-</u>		<u>H02H 9 /-</u>	2020308334
2020253811		2020247790	<u>G07D 7 /-</u>	2019434295	<u>H04N 11 /-</u>
<u>F41B 11 /-</u>	<u>G01S 13 /-</u>		2020228711	<u>H02J 1 /-</u>	2020371551
	2020251989	<u>G06F 8 /-</u>	2019436353	2020254497	<u>H04N 13 /-</u>
2020394626		2019443684	<u>G07F 17 /-</u>	<u>H02J 13 /-</u>	2020249324
<u>F41G 3 /-</u>	<u>G01S 17 /-</u>	<u>G06F 9 /-</u>	2020244706	2019434295	<u>H04N 17 /-</u>
	2020251989	2019443684	<u>G07F 7 /-</u>	<u>H02J 3 /-</u>	2020249324
2020292151		<u>G06F 9 /-</u>	2020249811	2019435207	<u>H04N 19 /-</u>
<u>G01B 5 /-</u>	<u>G01S 5 /-</u>	2019443684	<u>G07D 3 /-</u>	2020253330	2020303920
	2020233221	2020241707	<u>G10D 3 /-</u>	2020254497	2020348214
2019431872		<u>G06K 19 /-</u>	2020272737	<u>H02J 7 /-</u>	2020348846
<u>G01C 21 /-</u>	<u>G01V 1 /-</u>	2020227153	<u>G10L 15 /-</u>	2020235315	2020349504
	2020271766	2020244706	2020272737	<u>H02M 1 /-</u>	2020351099
2020253312		2020308334	<u>G10L 17 /-</u>	2019435207	2020352513
<u>G01C 23 /-</u>	<u>G01V 11 /-</u>	<u>G06K 7 /-</u>	<u>G10L 19 /-</u>	2020272737	2020356457
	2020265861	2020244706	2019437394	<u>H02M 7 /-</u>	2020372880
2020253312		2020308334	<u>G11B 27 /-</u>	2020253330	<u>H04N 21 /-</u>
<u>G01D 11 /-</u>	<u>G01V 99 /-</u>	2020240311	2019437394	<u>H02P 3 /-</u>	2020248394
	2020265861	2020245462	<u>G16H 20 /-</u>	2020293435	2020227153
2019435292	2020271766	2020294186	2020242082	<u>H02P 7 /-</u>	<u>H04W 28 /-</u>
2020256029		<u>G06K 9 /-</u>	<u>G21B 1 /-</u>	2020293435	2019436991
<u>G01D 3 /-</u>	<u>G01W 1 /-</u>	2020240311	2020233809	2020293435	<u>H04W 4 /-</u>
	2019438101	2020245462	<u>H01B 17 /-</u>	<u>H03K 17 /-</u>	2020268789
2019438101		2020294186	2020429373	2020264370	<u>H04W 52 /-</u>
<u>G01F 1 /-</u>	<u>G02B 26 /-</u>		<u>H01J 11 /-</u>	<u>H03K 3 /-</u>	2019436991
	2020308334	<u>G06N 20 /-</u>	2020272116	2020247790	<u>H04W 72 /-</u>
2019435292		2020245462	<u>H01J 37 /-</u>	<u>H03M 5 /-</u>	2019436290
<u>G01F 23 /-</u>	<u>G02B 6 /-</u>	2020247722	2020245046	2020303920	2019436989
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C07D 303/28 (2006.01)

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B22F 3/10 (2006.01)
B22F 7/00 (2006.01)
B22F 7/06 (2006.01)
B23B 27/18 (2006.01)
B23B 27/20 (2006.01)
C01B 32/25 (2017.01)
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H04W 48/18 (2009.01)
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A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/55 (2006.01)
A61P 3/12 (2006.01)
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2015218647	Ginkgo Bioworks, Inc.	2016312070	Guangzhou Xaircraft Technology Co., Ltd.
2015244039	Novartis AG; The Trustees of the University of Pennsylvania	2016318955	Pressure BioSciences, Inc.
2015289120	Westfälische Wilhelms-Universität Münster	2016320545	BAE Systems plc
2015296700	Monsanto Technology LLC	2016320555	BAE Systems plc
2015299053	BASF SE	2016324307	ContraFect Corporation
2015301726	Takeda Pharmaceutical Company Limited	2016327417	Scholle IPN IP B.V.
2015314783	Board of Regents of The University of Texas System; Amprion, Inc.; Jara, C.; Shahnawaz, M.; Lebovitz, R.; Vollrath, B.	2016333503	Electrolux Appliances Aktiebolag
2015316711	The Provost, Fellows, Foundation Scholars, & The other Members of Board, of The College of The Holy & Undiv. Trinity of Queen Elizabeth, Near Dublin; University College Dublin, National University of Ireland, Dublin	2016338642	BP Corporation North America Inc.
2015323513	Eid, A.; Habib, R.; American University of Beirut; Badr, K.	2016342309	Vifor (International) AG
2015334840	Koninklijke Philips N.V.	2016344716	Janssen Vaccines & Prevention B.V.
2015338923	Arcturus Therapeutics, Inc.	2016347268	Alcon Inc.
2015340590	Nunhems B.V.	2016348217	Redmayne, J.M.
2015357543	Memorial Sloan-Kettering Cancer Center; Eureka Therapeutics, Inc.	2016354001	Fresenius Medical Care Holdings, Inc.
2015357562	Translate Bio, Inc.	2016354618	Detnet South Africa (Pty) Ltd
2015359071	Abcam PLC	2016356047	Formycon AG
2015360786	LanzaTech New Zealand Limited	2016356265	Mitsubishi Materials Corporation
2015371319	Atterx Biotherapeutics, Inc.	2016360772	KettenWulf Betriebs GmbH
2015380397	The Trustees of the University of Pennsylvania	2016362470	Cockerill Maintenance & Ingenierie S.A.
2015383632	X4 Pharmaceuticals (Austria) GmbH	2016365335	ICU Medical, Inc.
2015405074	Joy Global Underground Mining LLC	2016368528	Senger, A.
2015417919	O&M Halyard International Unlimited Company	2016371351	Coloplast A/S
2016203471	GHP Group, Inc.	2016372817	SodaStream Industries Ltd.
2016204815	Melaleuca, Inc.	2016373824	Hemispheres for All, LLC
2016205197	Biogen MA Inc.	2016374253	Sangamo Therapeutics, Inc.
2016206403	Electrolux Appliances Aktiebolag	2016374425	3-D Matrix, Ltd.
2016210889	Prothena Biosciences Limited; University Health Network	2016374441	Eisai R&D Management Co., Ltd.
2016211236	Metrotech Corporation	2016374487	Anderson, F.M.; Schutt, R.A.
2016215205	Molecular Templates, Inc.	2016377659	Tasso, Inc.
2016219668	O'Brien, G.; Dridan, M.	2016377858	BPW Bergische Achsen KG
2016225822	IFP Energies nouvelles	2016379380	BLY IP Inc.
2016225840	Illinois Tool Works Inc.	2016384357	Richter, B.
2016231504	Ainsworth Game Technology Limited	2016389115	Robel Bahnbaumaschinen GmbH
2016232819	Board of Regents of the University of Texas System	2016391240	Sumitomo Electric Industries, Ltd.
2016232866	OmniOX, Inc.	2016405564	AMO Development, LLC
2016242920	The General Hospital Corporation	2016412541	Life Science Biosensor Diagnostics Pty Ltd
2016250791	BD Kiestra B.V.	2016418333	Sexy Back Bra, LLC
2016253740	Toray Industries, Inc.	2016421252	Dow Global Technologies LLC; Rohm and Haas Company
2016255696	Gas Technology Institute	2017201016	Illinois Tool Works Inc.
2016256220	Cancer Research Technology Limited	2017203824	Spartan Chemical Company, Inc.
2016256626	Lesaffre et Compagnie	2017206021	Magic Leap, Inc.
2016262484	Memorial Sloan Kettering Cancer Center	2017208548	Aurotec GmbH
2016269395	Buzon Pedestal International	2017208962	Westinghouse Air Brake Technologies Corporation
2016269837	CLOSED LOOP MEDICAL PTY LTD	2017209117	The Regents of the University of California
2016273623	Tachikawa Corporation	2017209171	Magic Leap, Inc.
2016273959	Autex Industries Limited	2017210289	Magic Leap, Inc.
2016277071	Electrolux Appliances Aktiebolag	2017216079	Bayer Animal Health GmbH
2016278013	Magic Leap, Inc.	2017216141	Dermazip AB
2016279884	Imertech SAS	2017217451	ACUMED LLC
2016279997	Biogen MA Inc.	2017218631	Produits Dentaires Pierre Rolland
2016287477	Janssen Sciences Ireland UC	2017218773	JPU.IO Ltd
2016287478	Janssen Sciences Ireland UC	2017219550	WESTFALIA-Automotive GmbH
2016291154	AbbVie Inc.	2017223240	Tracker Connect (Pty) Limited
2016291660	15 Seconds of Fame, Inc.	2017223566	Carbon Black, Inc.
2016297656	Cepheid	2017227975	Sci-Tech (POB) Ltd
2016297866	Cepheid	2017228520	Oticon Medical A/S
2016299246	Evonik Operations GmbH	2017228599	Insitu, Inc.
2016299870	Saipem S.p.A.	2017231587	Mellon Medical B.V.
2016304995	Bayer HealthCare LLC	2017237090	Johnson & Johnson Surgical Vision, Inc.
		2017240747	Nohms Technologies, Inc.
		2017245319	Shinano Kenshi Kabushiki Kaisha
		2017246108	Qualcomm Incorporated
		2017246581	A & C Freeman
		2017248186	Dana-Farber Cancer Institute, Inc.
		2017248493	Cyberderm Laboratories Inc.
		2017253672	Dropbox, Inc.
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2017256814	Saban Ventures Pty Limited	2017359673	Clementia Pharmaceuticals Inc.
2017260347	Theia Group, Incorporated	2017364318	Turtle Pack Ltd
2017261231	TerraPower, LLC	2017366771	Coetzee, M.
2017263038	Sorbonne Universite; Centre National De La Recherche Scientifique	2017367238	Oxford Nanopore Technologies Limited
2017263290	nChain Holdings Limited	2017368049	McLaughlin Gormley King Company
2017263710	Davis, L.	2017370434	Safekick Americas LLC
2017266695	D & D	2017375394	BASF SE
2017267180	THALES	2017378044	Dow AgroSciences LLC
2017267273	Chr. Hansen A/S	2017379796	Isocure Biosciences Inc.
2017268478	Erico International Corporation	2017382953	GE Healthcare AS
2017269197	GSquared Medical LLC	2017390256	llumina, Inc.
2017275181	Kao Corporation	2017394665	Raytheon Company
2017278241	PerkinElmer Health Sciences, Inc.; Itomography Corp.; University of Central Florida Research Foundation, Inc.	2017395200	Nano Frontier Technology Co., Ltd.
2017281055	Goodsomnia AB	2017396530	Microsoft Technology Licensing, LLC
2017281582	F. Hoffmann-La Roche AG	2017406922	Telefonaktiebolaget LM Ericsson (publ)
2017281907	St. Jude Children's Research Hospital, Inc.	2017413023	Huawei Technologies Co., Ltd.
2017286846	Robinson, D.	2017414991	Inaho, Inc.
2017287777	De Greef's Wagen-, Carrosserie- En Machinebouw B.V.	2017418538	Unity Biotechnology, Inc.
2017289210	Institut National Des Radioéléments	2017422380	Wright Medical Technology, Inc.
2017289698	OptaSense Holdings Limited	2017427437	Huawei Technologies Co., Ltd.
2017290149	Hollister Incorporated	2017432420	Sun Yat-Sen University
2017291682	Rocky Research	2017432628	Siemens Mobility Pty Ltd.
2017291826	Cyclerion Therapeutics, Inc.	2017436569	Huawei Technologies Co., Ltd.
2017291827	Cyclerion Therapeutics, Inc.	2017444205	Northern Trust Corporation
2017292811	Cyclerion Therapeutics, Inc.	2018209127	STEMCELL Technologies Canada Inc.
2017292818	Cyclerion Therapeutics, Inc.	2018212151	Hanmi Pharmaceutical Co., Ltd.
2017293209	Kumiai Chemical Industry Co., Ltd.	2018212601	Clean Air Enterprise AG
2017293794	Svejkovsky, K.S.; Svejkovsky, P.	2018224136	Gilead Sciences, Inc.
2017294523	Suez Groupe	2018226352	Samsung Electronics Co., Ltd.
2017295818	Covestro LLC, et al.; Bayer CropScience LP; Covestro Deutschland AG	2018234068	BioNTech Cell & Gene Therapies GmbH; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
2017297369	Medos International Sàrl	2018239819	Jets AS
2017299217	Höganäs AB	2018244030	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd
2017299496	ViaSat, Inc.	2018247564	TSTREET Pty Ltd
2017299505	President and Fellows of Harvard College	2018248004	BAE Systems Plc
2017303719	FG Innovation Company Limited; Sharp Kabushiki Kaisha	2018248649	BAE Systems plc
2017306136	Aptinix Inc.	2018262811	Technische Universitaet Muenchen
2017306164	Aptinix Inc.	2018266244	Detnet South Africa (Pty) Ltd
2017306546	Amgen Inc.	2018271457	Nippon Steel Corporation; Vallourec Oil and Gas France
2017313312	Nexans Solar Technologies	2018271876	H. Lundbeck A/S.
2017313908	Arena Pharmaceuticals, Inc.	2018286624	The Board of Trustees of the Leland Stanford Junior University; Department of Veterans Affairs
2017315464	Validose, Inc.	2018291351	Bridgestone Corporation
2017322448	Centre National de la Recherche Scientifique - CNRS -; INSERM (Institut National de la Santé et de la Recherche Médicale); Sorbonne Universite	2018295992	ToolGen Incorporated
2017322591	Pindrop Security, Inc.	2018297344	PPG Industries Ohio, Inc.
2017324106	Fritz Ruck Ophthalmologische Systeme GmbH	2018313599	LG Electronics Inc.
2017324935	MTI Biotech, Inc.	2018315141	Telefonaktiebolaget LM Ericsson (publ)
2017326253	Allergan, Inc.	2018316057	LG Electronics Inc.
2017330473	Nant Holdings IP, LLC; PacketFabric, LLC	2018317120	CHA Vaccine Research Institute Co., Ltd
2017335568	llumina, Inc.	2018317320	Exxonmobil Upstream Research Company
2017335819	Ecolab USA Inc.	2018325058	Kawasaki Jukogyo Kabushiki Kaisha
2017336156	Vertex Pharmaceuticals Incorporated	2018332208	Rand York Castings (Pty) Limited
2017339555	Frito-Lay Trading Company GmbH	2018336752	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2017341798	Conagen Inc.	2018336871	Illinois Tool Works Inc.
2017345719	General Electric Company	2018339400	Huawei Technologies Co., Ltd.
2017346582	Orthobond Corporation	2018340225	Inventio AG
2017346885	Regents of the University of Minnesota; Intima Bioscience, Inc.; The United States of America, as represented by the Secretary Department of Health and Human Services	2018341961	Illinois Tool Works Inc.
2017347020	Lupke, M.A.A.; Lupke, S.A.	2018342367	Huawei Technologies Co., Ltd.
2017348313	Tarveda Therapeutics, Inc.	2018344837	Cristalens Industrie
2017349623	Q6 IP Pty Ltd	2018345523	Merck Sharp & Dohme Corp.
2017350645	Ishihara Sangyo Kaisha, Ltd.	2018348068	Qualcomm Incorporated
2017353352	NewSouth Innovations Pty Limited	2018351679	Sonnen GmbH
2017354873	Hepagene Therapeutics (HK) Limited	2018352100	Eli Lilly And Company
2017354886	Microsoft Technology Licensing, LLC	2018357431	Huawei Technologies Co., Ltd.
		2018360038	Coulter Ventures LLC
		2018361542	SILEC Cable

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2018362819	Midea Group Co., Ltd.	2019246876	Merck Patent GmbH
2018364819	Manildra Milling Corporation	2019248314	Huawei Technologies Co., Ltd.
2018369056	Huawei Technologies Co., Ltd.	2019248403	Neutrik AG
2018369298	Asahi Kasei Kabushiki Kaisha	2019250207	Smith & Nephew plc
2018372828	Locus Robotics Corp.	2019250227	Immunomic Therapeutics, Inc.
2018373768	LTS Lohmann Therapie-Systeme AG	2019251088	Colgate-Palmolive Company
2018373900	Sentronic GmbH Gesellschaft für Optische Messsystem	2019252082	Kawasaki Jukogyo Kabushiki Kaisha
2018384632	The Procter & Gamble Company	2019253000	TIGERQ AB
2018385513	Colgate-Palmolive Company	2019253445	Colgate-Palmolive Company
2018385759	FloDesign Sonics, Inc.	2019253595	Boston Scientific SciMed, Inc.
2018388894	The Gillette Company LLC	2019253864	The United States of America, as represented by The Secretary, Department of Health and Human Services; Biomed Valley Discoveries, Inc.
2018391909	Asahi Kasei Kabushiki Kaisha; Asahi Kasei Advance Corporation	2019255750	Gilead Sciences, Inc.
2018393752	Joint Stock Company Krasnoyarsk Hydropower Plant (JSC Krasnoyarsk HPP)	2019257421	Bodor Laboratories, Inc.
2018393845	Thales DIS France SA	2019257444	Kraft Foods Group Brands LLC
2018395014	Kyungdong Navien Co., Ltd.	2019257445	FiberLean Technologies Limited
2018396086	Safran Electronics & Defense; B-Temia Inc.	2019257498	Lenlok Holdings, LLC
2018401423	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019257532	Converter Manufacturing, LLC
2018408726	ZTE Corporation	2019258487	Shell Internationale Research Maatschappij B.V.
2018409699	Mitsubishi Electric Corporation	2019258603	Moly-Cop USA LLC
2018412623	Xinjiang Goldwind Science & Technology Co., Ltd.	2019261770	Glaxosmithkline Consumer Healthcare Holdings (US) LLC
2018412905	VR Coaster GmbH & Co. KG	2019268861	Nippon Soda Co., Ltd.
2018413231	Mitsubishi Electric Corporation	2019271867	Baker Hughes, a GE company, LLC
2018416242	Kotobuki Holdings Co., Ltd.	2019272529	Netflix, Inc.
2018417537	Huawei Technologies Co., Ltd.	2019273951	Yazaki Energy System Corporation
2018417860	NTT DOCOMO, INC.	2019275584	Tricida, Inc.
2018420535	Beijing Tiantan Hospital, Capital Medical University; Nanjing Baixinyu Pharmaceutical Co. Ltd.	2019275871	Carl Freudenberg KG
2018423601	Mitsubishi Electric Corporation	2019276807	Motorola Solutions, Inc.
2019200949	University of Florida Research Foundation, Inc.	2019279984	ATM Security Systems International Limited
2019201621	Hemosonics, LLC	2019280101	Golden Arrow Printing Technology (Kunshan) Co., Ltd.
2019203111	The Trustees of the University of Pennsylvania	2019282664	Baker Hughes Holdings LLC
2019203239	Q-Bot Limited	2019284351	Wing Aviation LLC
2019203320	B.BOX FOR KIDS DEVELOPMENTS PTY LTD	2019290497	Wisk Aero LLC
2019203335	Allele Biotechnology and Pharmaceuticals, Inc.	2019291010	Basell Polyolefine GmbH
2019203617	Pastoral Greenhouse Gas Research Ltd	2019292191	Niantic, Inc.
2019204775	Regeneron Pharmaceuticals Inc; Yale University; Institute for Research in Biomedicine (IRB)	2019302940	Alipay (Hangzhou) Information Technology Co., Ltd.
2019205319	JC Medical, Inc.	2019306569	Weller Ice, LLC
2019206043	Novozymes A/S	2019307917	Teleflex Medical Incorporated
2019209542	Spredfast, Inc.; Falcao, E.; Hoerner, B.; Swain, M.; McElwee, A.	2019310015	American Sterilizer Company
2019211265	Panduit Corp.	2019311251	Faes Farma, S.A.
2019211959	Citrix Systems, Inc.	2019311336	DYSIS Medical Limited
2019218516	I-Mab Biopharma (Hangzhou) Co., Ltd.	2019313237	Northrop Grumman Systems Corporation
2019219764	Adobe Inc.	2019317218	Rain Hail Solutions Pty Ltd
2019222789	Acceleron Pharma Inc.	2019323224	ResMed Pty Ltd
2019222849	Cadena Bio, Inc.	2019325356	Google LLC
2019222918	Riptide Bioscience, Inc.	2019326597	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019222927	Bair, R.; Buzick, B.	2019326728	Siemens Energy Global GmbH & Co. KG
2019222974	Adobe Inc.	2019335165	Xinjiang Goldwind Science & Technology Co., Ltd.
2019224247	NTT DOCOMO, INC.	2019356666	Clariant International Ltd
2019224274	Wilhelm Layher Verwaltungs-GmbH	2019362094	Tillotson, D.
2019224777	LG Electronics Inc.	2019371339	Intuit Inc.
2019225717	MyMD Pharmaceuticals (Florida), Inc.	2019374104	Cemalt LLC
2019225882	Napiorkowski, S.	2019374161	China University of Mining and Technology; Suzhou Huamei Electromechanical Co., Ltd.
2019229324	Impossible Foods Inc.	2019422012	Tianjin Environmental Protection Technical Development Center Design Institute
2019229331	TNBT Holdings Pty Limited	2019422376	Changsha University of Science & Technology
2019229461	Hiab AB	2019423379	Mitsubishi Electric Corporation
2019229465	Stryker Corporation	2019438434	Citrix Systems, Inc.
2019229870	Citrix Systems, Inc.	2019441819	Guangzhou University
2019230859	Beijing Scitech-MQ Pharmaceuticals Limited	2019455808	Qingdao University of Technology; Xinjiang Jiang Ning Light Industrial Machinery Engineering Technology Co.,Ltd.
2019230922	SEW-EURODRIVE GmbH & Co. KG	2020200135	Dignity Health
2019232796	Memorial Sloan-Kettering Cancer Center	2020200562	Boston Scientific Neuromodulation Corporation
2019232843	LIFETIME PRODUCTS, INC.	2020200583	Depuy Ireland Unlimited Company
2019232901	Fisher & Paykel Healthcare Limited	2020200603	Synedgen, Inc.
2019232913	Sequenom, Inc.	2020200659	Amgen Inc.
2019235121	Nuovo Pignone Tecnologie - S.r.l.	2020200733	Instrumentation Laboratory Company
2019240589	Arvinas Operations, Inc.		
2019244384	Nicoventures Trading Limited		

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2020200745	LG Electronics Inc.	2021212036	Patterson, R.
2020200758	Hayward Industries, Inc.	2021229205	Goldman Sachs & Co. LLC
2020200793	Bullfrog International, L.C.	2021232697	Griffith University
2020200945	The Boeing Company		
2020201101	PsiOxus Therapeutics Limited		
2020201163	Plastipak Packaging Inc.		
2020201186	Becton, Dickinson and Company		
2020201421	Google LLC		
2020201489	Bluebird Bio, Inc.		
2020201812	Würth International AG		
2020202416	Bourgault Industries Ltd.		
2020202552	Jackson III, A.		
2020202730	Intuit Inc.		
2020203007	Commonwealth Scientific and Industrial Research Organisation		
2020203107	Novartis AG		
2020203116	Auckland UniServices Limited		
2020203235	Wan, C.K.		
2020203414	Sony Interactive Entertainment Inc.		
2020203499	Gilead Sciences, Inc.		
2020203737	Nite Ize, Inc.		
2020203756	SEROLA BIOMECHANICS, INC.		
2020203964	Samsung Electronics Co., Ltd.		
2020204089	Becton, Dickinson and Company		
2020204112	Liminal BioSciences Limited		
2020204167	F. Hoffmann-La Roche AG		
2020204256	Apple Inc.		
2020204373	Dana-Farber Cancer Institute, Inc.		
2020204384	AMICOGEN PHARMA INC.		
2020205239	Novaliq GmbH		
2020213356	Angel Group Co., Ltd.		
2020214760	Kumiai Chemical Industry Co., Ltd.		
2020217309	Oceaneering International, Inc.		
2020220200	Waco Pacific Ltd.; DUMENIL, S.		
2020220223	Sandvik Mining and Construction Oy		
2020223632	Flexxon Pte. Ltd.		
2020223712	NEC Platforms, Ltd.		
2020227019	Qualcomm Incorporated		
2020227089	E Ink Corporation		
2020227110	NEC Platforms, Ltd.		
2020227124	Minelab Electronics Pty. Limited		
2020230227	Meridian International Co., Ltd.		
2020230243	Sigma-Aldrich Co. LLC		
2020234999	Safe N Strong Pty Ltd		
2020239825	Shin Ying Entpr Co., Ltd.; Goshawk Hardware Co., Ltd.		
2020244458	Fornetix LLC		
2020256409	NTT DOCOMO, INC.		
2020260399	AMERICORP INVESTMENTS LLC		
2020260457	WANG, G.; HERLE, S.; HOGBEN, G.; JACOBSON, A.D.; WRIGHT, M.; KRALEVICH IV, N.N.; BONNÉ, B.		
2020260537	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; The Royal Institution for the Advancement of Learning/ McGill University		
2020267171	China University of Mining and Technology, Beijing; Wuhan Changsheng Mine Security Technology Limited		
2020271276	Dentsply DeTrey GmbH		
2020273314	Janssen Pharmaceuticals, Inc; Katholieke Universiteit Leuven		
2020277293	The Regents of the University of Colorado, a body corporate		
2020286279	Fox Guard IP Pty Ltd		
2020286339	Inhibikase Therapeutics, Inc.		
2020289885	Zebra Technologies Corporation		
2020294314	NTT DOCOMO, INC.		
2020387750	Ferronova Pty Ltd		
2021200402	Tableau Software, LLC		
2021201339	Zogenix International Limited		
2021203610	Coupang Corp.		
2021204810	Alarm.com Incorporated		
2021204972	Gen-Probe Incorporated		
2021209180	ResMed Pty Ltd		
2021209182	ResMed Pty Ltd		

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<u>A01B 69 /-</u>	<u>A01N 51 /-</u>	2019455808	<u>A47F 9 /-</u>	<u>A61F 13 /-</u>	2018345523
2017414991	2017295818	<u>A24F 47 /-</u>	2020289885	2016373824	2018373768
<u>A01C 7 /-</u>	<u>A01N 63 /-</u>	2019244384	<u>A47J 31 /-</u>	2019250207	2018420535
2020202416	2020201489	2019280101	2016368528	<u>A61F 2 /-</u>	2019225717
<u>A01D 46 /-</u>	<u>A01N 65 /-</u>	<u>A41B 9 /-</u>	<u>A47J 37 /-</u>	2016347268	2019230859
2017414991	2017368049	2018391909	2019222927	2017237090	2019255750
<u>A01H 5 /-</u>	<u>A01P 13 /-</u>	<u>A41C 1 /-</u>	2020220200	2017422380	2019257421
2015340590	2017293209	2018391909	<u>A47L 11 /-</u>	2018344837	2019261770
<u>A01K 3 /-</u>	2017295818	<u>A41C 3 /-</u>	2018313599	2019205319	2019275584
2016225840	2019268861	2016418333	<u>A47L 13 /-</u>	2019253595	2020200603
<u>A01K 67 /-</u>	<u>A01P 3 /-</u>	<u>A41D 13 /-</u>	2019275871	2020200583	2020203107
2019204775	2017295818	2015417919	<u>A47L 15 /-</u>	<u>A61F 5 /-</u>	2020203116
<u>A01M 21 /-</u>	<u>A01P 5 /-</u>	<u>A45C 11 /-</u>	2018336871	2020204112	2020203499
2019268861	2017295818	2020203737	2018341961	2020204167	2020204384
<u>A01M 23 /-</u>	<u>A01P 7 /-</u>	<u>A45C 13 /-</u>	<u>A47L 9 /-</u>	2016374487	2020205239
2016348217	2017295818	2020203737	2019224777	2017286846	2020260537
<u>A01M 27 /-</u>	<u>A21D 13 /-</u>	<u>A45F 3 /-</u>	<u>A61B 10 /-</u>	2017290149	2020277293
2016348217	2018364819	2019203320	2016377659	2020203756	2020286339
<u>A01M 31 /-</u>	<u>A23C 19 /-</u>	2019362094	2017216141	<u>A61F 9 /-</u>	<u>A61K 35 /-</u>
2016348217	2017267273	<u>A45F 5 /-</u>	<u>A61B 17 /-</u>	2016405564	2015244039
<u>A01N 25 /-</u>	<u>A23L 19 /-</u>	2020203737	2016377659	<u>A61G 10 /-</u>	2015357543
2017295818	2019229324	<u>A46B 15 /-</u>	2017217451	2014201228	2016204815
2019268861	<u>A23L 2 /-</u>	2018388894	2017231587	<u>A61H 15 /-</u>	2016253740
<u>A01N 33 /-</u>	2017255960	<u>A47B 13 /-</u>	2017269197	2017281055	2016262484
2017293209	2017341798	2019232843	2017297369	<u>A61H 21 /-</u>	2017346885
<u>A01N 35 /-</u>	<u>A23L 27 /-</u>	<u>A47B 3 /-</u>	2017422380	2017281055	2019203111
2017293209	2017341798	2019232843	2019229465	<u>A61J 1 /-</u>	2020201101
<u>A01N 37 /-</u>	<u>A23L 29 /-</u>	<u>A47C 21 /-</u>	2019307917	2016365335	<u>A61K 38 /-</u>
2017293209	2017255960	2018395014	2020202552	<u>A61K 31 /-</u>	2015314783
2017295818	2017339555	<u>A47C 27 /-</u>	<u>A61B 3 /-</u>	2015244039	2016232866
2017375394	<u>A23L 33 /-</u>	2018395014	2016405564	2016253740	2016291154
2019268861	2017255960	<u>A47C 31 /-</u>	2020200135	2016279997	2016299246
<u>A01N 43 /-</u>	<u>A23L 5 /-</u>	2018395014	<u>A61B 5 /-</u>	2016287477	2016324307
2017281907	2017339555	<u>A47C 37 /-</u>	2016269837	2016287478	2016374425
2017293209	2018369298	<u>A47F 3 /-</u>	2016377659	2016291154	2017263038
2017295818	<u>A23L 7 /-</u>	2017366771	2017281582	2016324307	2017326253
2017375394	2017339555	<u>A47F 5 /-</u>	2020387750	2016342309	2017326253
2019268861	2018364819	2017366771	<u>A61B 50 /-</u>	2016374441	2018234068
2020200603	<u>A23N 5 /-</u>	2017366771	2019310015	2016374441	2018262811
<u>A01N 47 /-</u>	2017339555	<u>A47F 7 /-</u>	<u>A61B 90 /-</u>	2017248186	2019200949
2017293209	2018364819	2017366771	2017336156	2017254774	2019222789
2017295818			2017346582	2017291826	2019250227
2019268861			2017353352	2017292811	2020200603
			2017354873	2017292818	<u>A61K 39 /-</u>
			2017359673	2017306136	2015371319
			2017379796	2017306164	2015380397
			2017432420	2017313908	2016205197
			2018212151	2017336156	2016232866
			2018224136	2017346582	2016253740
			2018271876	2017353352	2016256220
				2017354873	2018317120
				2017359673	2019203111
				2017379796	2019203617
				2017432420	2019218516
				2018212151	2019232796
				2018224136	2019253864
				2018271876	<u>A61K 45 /-</u>
					2020204384
					2020230243
					<u>A61K 47 /-</u>

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2017326253	<u>A61M 25 /-</u>	2020260537	2016374425		
2017348313			2019222789	<u>B01D 24 /-</u>	<u>B07C 5 /-</u>
2018420535	2017290149	<u>A61P 27 /-</u>			
2020387750	2020204089		<u>A61P 9 /-</u>	2020200793	2017287777
<u>A61K 48 /-</u>	<u>A61M 27 /-</u>	2020203116		<u>B01D 29 /-</u>	<u>B22F 3 /-</u>
		2020205239	2017292811		
2015338923	2017290149	<u>A61P 29 /-</u>	2017326253	2020200793	2016356265
2015357562			2018420535		
2016253740	<u>A61M 3 /-</u>	2017326253	2020203116	<u>B01D 37 /-</u>	<u>B22F 5 /-</u>
2019200949		2018224136			
<u>A61K 49 /-</u>	2016371351	2020203116	<u>A61Q 11 /-</u>	2020200793	2019235121
	2017324106			<u>B01D 53 /-</u>	<u>B22F 7 /-</u>
2017382953	<u>A61M 39 /-</u>	<u>A61P 3 /-</u>	2017218631		
2020387750			2018384632	2019273951	2016356265
	2017290149	2016342309	<u>A61Q 17 /-</u>	<u>B01D 61 /-</u>	<u>B22F 9 /-</u>
<u>A61K 6 /-</u>		2017313908			
	<u>A61M 5 /-</u>	2017432420	2017248493	2018369298	2017299217
2020271276		2019275584	<u>A61Q 19 /-</u>		
	2016356047	<u>A61P 31 /-</u>		<u>B01D 69 /-</u>	<u>B23B 27 /-</u>
<u>A61K 8 /-</u>	2016377659		2017418538		
	2017281582	2016287477	2020204112	2018369298	2016356265
2017218631	2017324106	2016287478		<u>B01D 71 /-</u>	<u>B23D 49 /-</u>
2017248493	2018352100	2016291154	<u>A63B 1 /-</u>		
2018384632	2020200659	2016324307		2018369298	2020239825
2020204112	2020201186	2016342309	2018360038		
<u>A61K 9 /-</u>	<u>A61N 1 /-</u>	2017353352	<u>A63B 17 /-</u>	<u>B01F 15 /-</u>	<u>B23D 51 /-</u>
		2019218516			
2015371319	2016269837	2020260537	2018360038	2019257444	2020239825
2016242920	2020200562	2020286339	<u>A63B 21 /-</u>	<u>B01F 3 /-</u>	<u>B23D 57 /-</u>
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2016299246	<u>A61N 5 /-</u>		2018360038	2016372817	2020239825
2016374425		2020260537	<u>A63B 31 /-</u>	2019257444	
2017254774	2016232819				<u>B24C 7 /-</u>
2018373768	<u>A61P 11 /-</u>	<u>A61P 35 /-</u>	2017364318	<u>B01F 5 /-</u>	2019374161
2018420535					
2020203107	2017336156	2015244039	<u>A63B 55 /-</u>	2019257444	<u>B25B 23 /-</u>
2020204167		2016242920			
2020204384	<u>A61P 13 /-</u>	2016253740	2017208548	<u>B01J 23 /-</u>	2016389115
2020205239		2016262484			
2020387750	2017326253	2016374441	<u>A63B 69 /-</u>	2016356265	<u>B25J 9 /-</u>
		2017254774		2021201339	
<u>A61L 2 /-</u>	<u>A61P 15 /-</u>	2017348313			
		2017359673	2014201228	<u>B01J 27 /-</u>	2018396086
2017256814	2016374441	2017379796	<u>A63B 71 /-</u>		
<u>A61L 26 /-</u>	<u>A61P 17 /-</u>	2017418538		2021201339	<u>B26B 29 /-</u>
		2017432420	2014201228	<u>B01J 8 /-</u>	2016306484
2016374425	2016374425	2018224136	<u>A63F 1 /-</u>		
	2017326253	2019218516		2020200793	<u>B29B 11 /-</u>
<u>A61M 1 /-</u>	2020204112	2019230859	<u>A63F 11 /-</u>		
		2019232796		<u>B01L 3 /-</u>	2016279884
2016354001	<u>A61P 19 /-</u>	2019253864	2020213356		
2017324106		2019255750	<u>A63F 13 /-</u>	2016297866	<u>B29B 15 /-</u>
<u>A61M 11 /-</u>	2017359673	2020201101		2017390256	
		2020203116	2020213356		2016279884
2017315464	<u>A61P 21 /-</u>	2020204167	<u>A63F 13 /-</u>	<u>B01L 7 /-</u>	<u>B29B 7 /-</u>
2019244384		2020260537			
	2017292818	2020286339	2016231504	2016297656	2016279884
<u>A61M 15 /-</u>	2017326253	<u>A61P 37 /-</u>	2020203414	<u>B02C 17 /-</u>	<u>B29C 45 /-</u>
	2018420535		<u>A63G 25 /-</u>		
2017315464	<u>A61P 25 /-</u>	2016205197		2019258603	2016279884
2019244384		2016253740	2019441819	<u>B02C 25 /-</u>	<u>B29C 49 /-</u>
<u>A61M 16 /-</u>	2016279997	2018224136	<u>A63G 31 /-</u>		
	2016342309	<u>A61P 43 /-</u>		2019258603	2019232843
2019232901	2017306136		2018412905	<u>B05B 13 /-</u>	<u>B29C 51 /-</u>
2019323224	2017306164	2016374425	<u>A63G 7 /-</u>		
2021209180	2017313908	<u>A61P 7 /-</u>		2016299870	2019257532
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	2018420535	2016342309			
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<u>B29C 70 /-</u>	<u>B64C 29 /-</u>	<u>B65D 75 /-</u>	<u>C01G 45 /-</u>	2020214760	2017359673
2019257532	2019284351	2016327417	2017306546	<u>C07C 229 /-</u>	<u>C07D 233 /-</u>
<u>B32B 15 /-</u>	<u>B64C 39 /-</u>	<u>B65D 77 /-</u>	2017395200	2017275181	2017240747
2017263710	2017406922	2016384357	<u>C01G 49 /-</u>	<u>C07C 233 /-</u>	2017418538
<u>B60B 37 /-</u>	<u>B64G 1 /-</u>	<u>B65D 81 /-</u>	2017395200	2017418538	<u>C07D 241 /-</u>
2017208548	2017260347	2020200733	<u>C01G 51 /-</u>	<u>C07C 279 /-</u>	2017418538
<u>B60P 1 /-</u>	<u>B65B 3 /-</u>	<u>B65D 83 /-</u>	2017395200	2017353352	2020214760
2019229461	2016327417	2016304995	<u>C02F 1 /-</u>	<u>C07C 29 /-</u>	<u>C07D 249 /-</u>
<u>B60P 3 /-</u>	<u>B65B 43 /-</u>	2019251088	2018395014	2017246581	2017375394
2019229461	2016327417	2019253445	2018416242	<u>C07C 309 /-</u>	<u>C07D 257 /-</u>
<u>B60R 9 /-</u>	<u>B65B 55 /-</u>	<u>B65D 90 /-</u>	<u>C03C 4 /-</u>	2017275181	2018266244
2017219550	2016327417	2016384357	2018373900	<u>C07C 43 /-</u>	<u>C07D 263 /-</u>
<u>B60T 15 /-</u>	<u>B65B 7 /-</u>	<u>B65G 17 /-</u>	<u>C04B 22 /-</u>	2017275181	2017292811
2017208962	2016327417	2017287777	2019374104	<u>C07C 45 /-</u>	<u>C07D 303 /-</u>
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2017208962	2018385513	2015405074	2019374104	2021201339	2020271276
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<u>B61L 27 /-</u>	<u>B65D 35 /-</u>	<u>B66C 23 /-</u>	2018248649	2019311251	2016287478
2017289698	2018385513	2016362470	<u>C06B 25 /-</u>	<u>C07C 57 /-</u>	2017336156
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2019441819	2016304995	2016219668	<u>C06B 45 /-</u>	2020204112	2018271876
<u>B63C 11 /-</u>	<u>B65D 43 /-</u>	<u>B67D 1 /-</u>	2018248004	<u>C07C 59 /-</u>	2019240589
2017227975	2016327417	2016372817	2018248649	2020204112	2019255750
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					2017306164
					2017313908

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Certified Innovation Patents

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

(71) Omaji, T.
 (11) AU-B-2020104137
 (21) 2020104137 (22) 16.12.2020
 (54) Rock Armour Sheets And Methods Of
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 (51) Int. Cl.
 B28B 7/36 (2006.01)
 E02B 3/12 (2006.01)
 (45) 21.10.2021
 (62) 2020260572
 (72) Omaji, Tracey
 (74) LEGALVISION ILP PTY. LTD.

(71) PULL IN PLACE PTY LTD
 (11) AU-B-2021102902
 (21) 2021102902 (22) 27.05.2021
 (54) A bladder assembly and method
 (51) Int. Cl.
 F16L 55/163 (2006.01)
 F16L 55/165 (2006.01)
 F16L 55/179 (2006.01)
 B29C 63/28 (2006.01)
 (31) 2020902888 (32) 14.08.20 (33) AU
 (45) 21.10.2021
 (72) McGuinness, Garry
 (74) Davies Collison Cave Pty Ltd

(71) SAFE SYSTEM SOLUTIONS PTY LTD
 (11) AU-B-2021100100
 (21) 2021100100 (22) 08.01.2021
 (54) Frangible Pole
 (51) Int. Cl.
 E01F 9/635 (2016.01)
 E04H 12/08 (2006.01)
 E01F 9/658 (2016.01)
 (45) 21.10.2021
 (72) Beer, Kenn
 (74) SAFE SYSTEM SOLUTIONS PTY LTD

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2018203033 **Sun Pharmaceutical Industries Australia Pty Limited** (Tasmanian Alkaloids Pty Ltd)
- 2020201307 **Mundipharma Pty. Limited** (AUPharma Pty Limited)

Opposition Withdrawn - Proceed to Grant

- 2014410710 **Technological Resources Pty Limited** (Hyland, A.)
- 2018359395 **East Coast Racing Technologies, Inc.** (Status Technologies Pty Ltd)

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2015282876	2015283815	2015317298	2015320230
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2015341922	2015342908	2015342964	2015343718
2015352385	2015358294	2015367301	2015367787
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2017441072	2017443225	2018204700	2018220445
2018221557	2018230678	2018230973	2018233079
2018233576	2018234074	2018236901	2018237895
2018242788	2018244573	2018250811	2018250840

Patents Granted

Standard Patents

2018251685	2018257226	2018265070	2018267632
2018272234	2018275214	2018276231	2018279678
2018282265	2018282374	2018284249	2018285681
2018285708	2018287827	2018295221	2018298925
2018300174	2018307218	2018313839	2018318793
2018321096	2018323983	2018326830	2018331512
2018335455	2018335854	2018336017	2018342203
2018350039	2018352520	2018353837	2018360224
2018363250	2018364658	2018365791	2018366770
2018368222	2018372734	2018373751	2018374994
2018376020	2018380357	2018381245	2018383590
2018385433	2018387999	2018389114	2018390463
2018390708	2018393937	2018395084	2018401946
2018406114	2018411768	2018420992	2019200094
2019200805	2019200824	2019201624	2019202160
2019202517	2019202527	2019202565	2019202707
2019202718	2019202840	2019203186	2019203284
2019203824	2019203881	2019204076	2019204352
2019204577	2019204585	2019204630	2019204758
2019205813	2019209199	2019210495	2019210610
2019213188	2019213408	2019213867	2019214163
2019217416	2019219832	2019220150	2019220327
2019221632	2019222860	2019226164	2019226242
2019226247	2019229361	2019229775	2019232839
2019232899	2019236713	2019236717	2019238219
2019238344	2019239397	2019241874	2019246095
2019246800	2019246852	2019250004	2019250183
2019250222	2019252450	2019257292	2019257473
2019257515	2019259866	2019261698	2019261752
2019263344	2019264534	2019264601	2019268202
2019271627	2019272058	2019275521	2019275607
2019284156	2019309604	2019321688	2019330630
2019356038	2019369210	2019369240	2019422007
2020200011	2020200014	2020200139	2020200518
2020200591	2020200670	2020201096	2020201149
2020201183	2020201211	2020201293	2020201379
2020201554	2020201660	2020201874	2020201895
2020202291	2020202496	2020202670	2020202814
2020202961	2020203026	2020203583	2020203799
2020203927	2020204259	2020204363	2020204465
2020205309	2020223717	2020223752	2020226997
2020230346	2020250315	2020267180	2020267259
2020327347	2020327350	2020343999	2021200822

Innovation Patents

2021102744	2021102863	2021102954	2021103079
2021103082	2021103109	2021103112	2021103117
2021103177	2021103299	2021103314	2021103511
2021103577	2021103723	2021103749	2021103821
2021103832	2021103833	2021103877	2021103879
2021103920	2021103955	2021103960	2021103982
2021103984	2021103985	2021103999	2021104006
2021104073	2021104124	2021104391	2021104395
2021104443	2021104494	2021104497	2021104499
2021104501	2021104522	2021104523	2021104666
2021104667	2021104668	2021104669	2021104748
2021104749	2021104834	2021104835	2021104942
2021104987	2021104990	2021104998	2021105072
2021105244	2021105250	2021105444	2021105476
2021105556	2021105559	2021105569	2021105574
2021105577	2021105605	2021105632	2021105639
2021105641	2021105643	2021105658	2021105699
2021105723	2021105741	2021105742	2021105743
2021105744	2021105745	2021105746	2021105747
2021105748	2021105749	2021105750	2021105751
2021105752	2021105753	2021105756	2021105757
2021105758	2021105759	2021105760	2021105761
2021105762	2021105763	2021105764	2021105766
2021105767	2021105768	2021105769	2021105770

Patents Granted

Innovation Patents

2021105771	2021105772	2021105773	2021105774
2021105775	2021105776	2021105777	2021105778
2021105779	2021105780	2021105781	2021105782
2021105783	2021105785	2021105786	2021105787
2021105788	2021105791	2021105792	2021105793
2021105794	2021105795	2021105797	2021105798
2021105799	2021105800	2021105801	2021105802
2021105803	2021105806	2021105807	2021105808
2021105809	2021105810	2021105812	2021105814
2021105817	2021105818	2021105819	2021105821
2021105822	2021105824	2021105825	2021105828
2021105829	2021105831	2021105833	2021105835
2021105837	2021105838	2021105841	2021105842
2021105854	2021105867	2021105881	2021105883
2021105884	2021105885	2021105886	2021105888
2021105889	2021105890	2021105891	2021105892
2021105893	2021105894	2021105895	2021105896
2021105898	2021105899	2021105900	2021105901
2021105903	2021105904	2021105905	2021105906
2021105907	2021105908	2021105909	2021105910
2021105911	2021105912	2021105913	2021105915
2021105916	2021105917	2021105918	2021105919
2021105920	2021105921	2021105922	2021107532
2021107542	2021107544	2021107545	2021107547
2021107548	2021107562		

Revocation

It is hereby notified that the offer by the Patentee **IQM Finland Oy** to surrender Patent 2020101876 which was advertised in the Official Journal of 26.08.2021 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that as a consequence of a court order dated 30.11.2020 by the Federal Court of New South Wales in proceedings number NSD1381/2017 , Patent 2012216628 in the name of **Wyeth LLC** has been revoked in relation to Claims 1 to 9 (inclusive), 16 to 18 (inclusive) and 20 to 23 (inclusive) . .

It is hereby notified that as a consequence of a court order dated 30.11.2020 by the Federal Court of New South Wales in proceedings number NSD1381/2017 , Patent 2013206844 in the name of **Wyeth LLC** has been revoked in relation to claims 1 to 6 (inclusive) and 11 to 14 (inclusive) . .

It is hereby notified that as a consequence of a decision by the Commissioner dated 08.10.2021 , Patent 2021103043 in the name of **Roorkee College of Engineering** has been revoked in relation to Revoked by Commissioner under Section of the Patents Act.

It is hereby notified that as a consequence of a decision by the Commissioner dated 08.10.2021 , Patent 2021103040 in the name of **Sabharwal, M.; R., S.; Nadkarni, S.; Vij, M.; Vij, A.** has been revoked in relation to Revoked by Commissioner under Section of the Patents Act.

Assignments Registered

2004203614 Headsight, LLC The patent has been assigned to **Precision Planting LLC**

2006245521 Bajwa, Ali; Pomeroy, Linda The patent has been assigned to **Cambridge Orthopaedic Labs Limited**

2007293108 THE GOVERNORS OF THE UNIVERSITY OF ALBERTA The patent has been assigned to **Forge Hydrocarbons Corporation**

Assignments Registered

2007340382 Nektar Therapeutics; Baxter Healthcare SA; Baxter International Inc. The patent has been assigned to **Nektar Therapeutics; Takeda Pharmaceutical Company Limited**

2009307729 Baxalta GmbH; Nektar Therapeutics; Baxalta Incorporated The patent has been assigned to **Takeda Pharmaceutical Company Limited; Nektar Therapeutics**

2012354175 Georgia Tech Research Corporation; Shell Internationale Research Maatschappij B.V. The patent has been assigned to **Georgia Tech Research Corporation; Air Liquide Advanced Technologies U.S., LLC**

2013216382 Cell Cure Neurosciences Ltd.; Hadasit Medical Research Services and Development Ltd. The patent has been assigned to **Hadasit Medical Research Services and Development Ltd.**

2013331731 Albemarle Corporation The patent has been assigned to **W.R. Grace & Co.-Conn.**

2014233738 Albemarle Corporation The patent has been assigned to **W.R. Grace & Co.-Conn.**

2014251001 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2014264339 The Governors of the University of Alberta The patent has been assigned to **Forge Hydrocarbons Corporation**

2014296102 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2014324439 Georgia Tech Research Corporation; Shell Internationale Research Maatschappij B.V. The patent has been assigned to **Georgia Tech Research Corporation; Air Liquide Advanced Technologies U.S., LLC**

2014355141 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2015241338 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2015295067 ARUP VENTURES LIMITED The patent has been assigned to **Artus Air Limited**

2015296573 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2015339100 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2015357499 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Newport Laboratories, Inc.**

2015374274 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2015380352 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016201543 Ace Products Holdings Pty Ltd The patent has been assigned to **TNBT HOLDINGS PTY LTD**

2016232976 Mako Tidal Turbines Pty Ltd The patent has been assigned to **Freeflow Energy Pty Limited**

2016250539 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016261823 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

Assignments Registered

2016261924 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016262083 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016276716 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016285545 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016285546 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016294873 Sinter Land Incorporation, Ltd.; Cancer Intelligence Care Systems, Inc.; Nippon Light Metal Company, Ltd. The patent has been assigned to **Nippon Light Metal Company, Ltd.; Cancer Intelligence Care Systems, Inc.**

2016304757 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016304759 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016307432 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2016362407 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2017228663 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2017273431 Albemarle Corporation The patent has been assigned to **W.R. Grace & Co.-Conn.**

2018200567 Georgia Tech Research Corporation; Shell Internationale Research Maatschappij BV The patent has been assigned to **Georgia Tech Research Corporation; Air Liquide Advanced Technologies U.S., LLC**

2018201901 The University Court of The University of Aberdeen The patent has been assigned to **Elasmogen Limited**

2018208622 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2018208623 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2018211357 Ecolab USA Inc. The patent has been assigned to **ChampionX USA Inc.**

2019200123 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2019203460 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2020101418 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2020101419 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2020101420 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2021100875 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

Assignments Registered

2021100889 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

2021104695 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**

Licences Registered - Section 187, Reg. 19

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

2017329865 Worg Pharmaceuticals (Hangzhou) Co., Ltd. (Biomay AG)

2018423498 Jhunjunwala, S. (Globe Cotyarn Pvt Ltd)

2020220095 Jhunjunwala, S. (Globe Cotyarn Pvt Ltd)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2011302030 **ViiV Healthcare Company**

The earliest first regulatory approval date provided by the patentee 23 Feb 2021

For the goods CABENUVA cabotegravir

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

Corrigenda

In Vol 35 , No 29 , Page(s) 5911 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name FG Innovation Company Limited, Application No. 2019317388, under INID (71) correct the applicant name to FG Innovation Company Limited and Sharp Kaibushiki Kaisha

In Vol 35 , No 30 , Page(s) 6082 under the heading **Amendments - Application for Amendments** Under the name Valorex, Patent Application No. 2018371137 correct the date of the statements filed to read 25 Jun 2021 and 16 Jul 2021

In Vol 35 , No 31 , Page(s) 6397 under the heading **Assignments Registered** Under the name National Research and Development Agency National Agriculture and Food Research Organization; SDS Biotech K.K. and National Research and Development Agency National Agriculture and Food Research Organization, Application No. 2011350804 under INID (71) correct the applicant name to SDS Biotech K.K. and National Research and Development Agency National Agriculture and Food Research Organization

In Vol 35 , No 35 , Page(s) 6993 under the heading **Provisional Applications Filed - Name Index** Under the name Lane, J. , Application No. 2021902640, under INID (54) correct the title to read Gable Games, Cranberry Cards, Aids For Aging

In Vol 35 , No 36 , Page(s) 7223 under the heading **Innovation Patents OPI - Name Index** Under the name Harbin Institute of Technology, Application No. 2021102884, under INID (72) correct the co-inventor to LI, Zhao; DAI, Jingmin; ZHANG, Qirui and CHEN, Yang

Corrigenda

In Vol 35 , No 38 , Page(s) 7550 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Dead Sea & Arava Science Center, Application No. 2020219494, under INID (71) correct the applicant name to The Dead-Sea & Arava Science Center.

In Vol 35 , No 40 , Page(s) 7827 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021204701.

In Vol 35 , No 40 , Page(s) 7831 under the heading **Amendments - Application for Amendments** Under the name Wamlez Pty Ltd, Application No. 2014200312 correct the date of the statements filed to read 11 January 2021; 17 February 2021; 19 May 2021; 18 August 2021

In Vol 35 , No 40 , Page(s) 7914 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Submer Technologies, SL., Application No. 2019434289, under INID (71) correct the applicant name to Submer Technologies, S.L.

In Vol 35 , No 41 , Page(s) 8064 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huawei Technologies Co., Ltd., Application No. 2019430306, Under INID (72) add co-inventor MARQUEZAN, Clarissa

In Vol 35 , No 41 , Page(s) 8067 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Janssen Pharmaceuticals, Inc., Application No. 2020240075, under INID (54) correct the title to read METHODS OF PRODUCING BIOCONJUGATES OF E. COLI O-ANTIGEN POLYSACCHARIDES, COMPOSITIONS THEREOF, AND METHODS OF USE THEREOF

Specifications Republished

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

2012216628	Wyeth LLC
2013206844	Wyeth LLC
2016284689	Amyris, Inc.; Total Marketing Services
2018285616	Honeywell International Inc.
2018327449	Komatsu Ltd.
2020217415	Acer Incorporated