



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<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 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 application filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID</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)
<u>Inventors 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.

1. 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.

(43) 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.

(44) 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.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022 Volume 1 - 36
- 2023 - Volume 57 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 1 June 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Crimsafe Security Solutions Pty Ltd v Wamlez Pty Ltd [2023] APO 30

Patent Application: 2014200312

Title: Fastener Driver

Patent Applicant: Wamlez Pty Ltd

Opponent: Crimsafe Security Solutions Pty Ltd

Delegate: S.E. Howard

Decision Date: 19 May 2023

Hearing Date: 2 March 2023 via video conference

Catchwords: **PATENTS** – opposition under section 104 – amendments do not comply with s 102(1) – claims as proposed to be amended do not in substance fall within the scope of the claims before amendment – amendments do not comply with s 102(2)(a) – s 102(2)(b) – claims as proposed to be amended are clear and succinct – amendments are supported – s 40(3) – specification as proposed to be amended satisfies clear enough and complete enough disclosure requirements– s 40(2)(a) – r 5.23 documents not considered

Representation: Counsel for the applicant: Peter Creighton-Selvay
Patent attorney for the applicant: Ashley Dickson of Raven IP
Counsel for the opponent: Ben Fitzpatrick
Patent attorney for the opponent: Michael Finney of Bennett and Philp Lawyers

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 16 May 2023 .

(71) Alison, Z. (21) 2023901527 (22) 17.05.2023 (54) Mixing bottle agitation and sieving apparatus	(71) Bowey, J. (21) 2023901532 (22) 18.05.2023 (54) Bolt on kick plate for utility services and equipment	(71) Clifton Development and Designs Pty Ltd (21) 2023901518 (22) 17.05.2023 (54) A Carrier for Transporting Loads across a Corrugated Surface
(71) APPLIED ELECTRIC VEHICLES LTD (21) 2023901512 (22) 16.05.2023 (54) EMERGENCY STOP PROCEDURE FOR AUTONOMOUS VEHICLES	(71) BrainChip Research Institute Pty Ltd (21) 2023901547 (22) 18.05.2023 (54) METHOD AND SYSTEM FOR UNSUPERVISED FEATURE EXTRACTIONS IN A LAYERED NEURAL NETWORK	(71) CMB CIVIL PTY LTD (21) 2023901572 (22) 21.05.2023 (54) "Chip In" Financials is a split payment application for IOS/Android/Web browser users looking to group pay bills for goods and services. Users are able to split a singular payment, across family and friends for small or large purchases.
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2023901485 (22) 15.05.2023 (54) Materials and methods for integrated solid-state storage of hydrogen and sequestration of captured carbon dioxide	(71) Bryant, S. (21) 2023901557 (22) 19.05.2023 (54) A pool pump water flow power regeneration system	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023901508 (22) 16.05.2023 (54) Compound Static Mixer Reactor
(71) BARAK, A. (21) 2023901540 (22) 18.05.2023 (54) A compact form aircraft	(71) CI Corporation Pty Ltd (21) 2023901575 (22) 21.05.2023 (54) Rapid Charging Station	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023901509 (22) 16.05.2023 (54) Method Of Dehydrogenation And Hydrogenation Using A Compound Catalytic Static Mixer Reactor
(71) Barraket, R. (21) 2023901556 (22) 19.05.2023 (54) TECHNOLOGY ADAPTED TO MONITOR AND SECURELY RETAIN DATA REPRESENTATIVE OF TRANSACTION ACTIVITY INVOLVING CLIENT DEVICES, INCLUDING PERSONAL INFORMATION TRANSACTIONS AND/OR FINANCIAL TRANSACTIONS	(71) CI Corporation Pty Ltd (21) 2023901576 (22) 21.05.2023 (54) Rapid Charging Batteries	(71) Conrick, P. (21) 2023901573 (22) 21.05.2023 (54) A Shutterless Camera
(71) Beck, L. (21) 2023901490 (22) 16.05.2023 (54) A unique tool to dislodge a dental implant stuck to a 24-hour tool	(71) CI Corporation Pty Ltd (21) 2023901577 (22) 21.05.2023 (54) Battery Substrate I	(71) Cumpson, P. (21) 2023901578 (22) 21.05.2023 (54) Battery Substrate II
(71) BMSA ANCHORING SYSTEMS PTY LTD (21) 2023901517 (22) 17.05.2023 (54) A stump	(71) CI Corporation Pty Ltd (21) 2023901578 (22) 21.05.2023 (54) Battery Substrate II	(71) Cumpson, P. (21) 2023901486 (22) 15.05.2023 (54) Chemical Concentration Measurement and Analysis Device
(71) BMSA ANCHORING SYSTEMS PTY LTD (21) 2023901517 (22) 17.05.2023 (54) A stump	(71) CI Corporation Pty Ltd (21) 2023901579 (22) 21.05.2023 (54) E-Truck-Trailer I	(71) CYBER FINANCIAL PTY LTD (21) 2023901528 (22) 17.05.2023 (54) A wind turbine shielding method
(71) BMSA ANCHORING SYSTEMS PTY LTD (21) 2023901517 (22) 17.05.2023 (54) A stump	(71) Clarity Pharmaceuticals Ltd (21) 2023901525 (22) 17.05.2023 (54) Methods for the diagnosis and/or treatment of prostate cancer	(71) Elsworth, C. see Macdonald, J. (21) 2023901565

Provisional Applications Filed - Name Index cont'd

(71) Ewespoke Limited (21) 2023901535 (22) 18.05.2023 (54) An apparatus for a bicycle	(71) Johnston, N. (21) 2023901568 (22) 20.05.2023 (54) A Dust Reduction Unit for Recreational Vehicles	(71) Medicotech Pty Ltd (21) 2023901566 (22) 20.05.2023 (54) Systems and Methods for Medical Image Interpretation and Diagnostics Using Artificial Intelligence
(71) Fahy, A. (21) 2023901574 (22) 21.05.2023 (54) Teeth Cleaning System	(71) JVMG Enterprises Pty Ltd (21) 2023901548 (22) 19.05.2023 (54) Liquefaction device, method and system	(71) Microbiogen Pty Ltd (21) 2023901560 (22) 19.05.2023 (54) Yeast strains having high protein content
(71) Franklin, A. (21) 2023901530 (22) 18.05.2023 (54) OPTIMIZING TIRE INFLATION AND SEALING: REVERSE INJECTION ORDER METHOD FOR SUPERIOR PERFORMANCE	(71) KC8 CAPTURE TECHNOLOGIES LTD (21) 2023901562 (22) 19.05.2023 (54) A PROCESS AND PLANT	(71) MORSE MICRO PTY. LTD. (21) 2023901522 (22) 17.05.2023 (54) Methods and Devices of Handling Transmission Exhaustion in Duty Cycle Mode
(71) GANUGAPATI, A. (21) 2023901495 (22) 16.05.2023 (54) A PORTABLE MEDICAL DEVICE	(71) KC8 CAPTURE TECHNOLOGIES LTD (21) 2023901563 (22) 19.05.2023 (54) A PROCESS AND PLANT	(71) Natural Body Mechanics Pty Ltd (21) 2023901543 (22) 18.05.2023 (54) Occipital Release Device
(71) Havah Therapeutics Pty Ltd (21) 2023901529 (22) 17.05.2023 (54) Method of Treatment	(71) KING, G. (21) 2023901567 (22) 20.05.2023 (54) Male sex toy extension and scrotum contact device	(71) NewSouth Innovations Pty Limited (21) 2023901504 (22) 16.05.2023 (54) Copper Chelation Therapy
(71) Hysata Pty Ltd (21) 2023901537 (22) 18.05.2023 (54) Electro-synthetic or electro-energy cell, system, and method of operation	(71) Lampard, R. (21) 2023901569 (22) 20.05.2023 (54) Sonic Plasma Enhanced Combustion (SPEC) Cycle	(71) NTHALMIC HOLDING PTY LTD (21) 2023901550 (22) 19.05.2023 (54) A Multi-Zone Spectacle Lens for Myopia Management
(71) IGO Limited (21) 2023901501 (22) 16.05.2023 (54) Magnesium Enriched Ammonium Sulfate Product	(71) Lampard, R. (21) 2023901570 (22) 20.05.2023 (54) Sonic Plasma Enhanced Combustion (SPEC) Cycle -Application to Hydrogen Fuel	(71) NTHALMIC HOLDING PTY LTD (21) 2023901551 (22) 19.05.2023 (54) A Spectacle Lens for Myopia
(71) Illinois Tool Works Inc. (21) 2023901549 (22) 19.05.2023 (54) Fastener	(71) Lampard, R. (21) 2023901571 (22) 20.05.2023 (54) Sonic Plasma Enhanced Combustion (SPEC) Cycle -Application to Ammonia Fuel	(71) NTHALMIC HOLDING PTY LTD (21) 2023901552 (22) 19.05.2023 (54) Gaming devices, methods, and apparatus for myopia management.
(71) IP Protect Pty Ltd (21) 2023901545 (22) 18.05.2023 (54) Image protection system and method	(71) Licella Holdings Ltd (21) 2023901564 (22) 19.05.2023 (54) A method for producing a bio oil	(71) NTHALMIC HOLDING PTY LTD (21) 2023901553 (22) 19.05.2023 (54) A Contact Lens for Myopia Management
(71) J&K&CO PTY LTD (21) 2023901534 (22) 18.05.2023 (54) BOAT ANCHOR	(71) Macdonald, J.; Elsworth, C.; Oeste, F.; Reilly, D. (21) 2023901565 (22) 19.05.2023 (54) Ship drawn nutrient rich water upwelling device	Oeste, F. see Macdonald, J. (21) 2023901565
(71) Jack Checkland (21) 2023901494 (22) 16.05.2023 (54) Website and app for exchanging services.	(71) Macquarie University (21) 2023901539 (22) 18.05.2023 (54) Surf craft	(71) Our Eco Bee Pty Ltd (21) 2023901511 (22) 16.05.2023 (54) Modular cultivation arrangement
(71) Jaka Packaging Pty Ltd (21) 2023901555 (22) 19.05.2023 (54) Re-usable beverage or food cups, containers and lids and method, device and server for tracking possession thereof	(71) Maction Pty Ltd (21) 2023901520 (22) 17.05.2023 (54) NEURO-MODULATION THERAPY METHOD, SYSTEM, AND APPARATUS	(71) Oventus Manufacturing Pty Ltd; THE MCKINNON GROUP AUSTRALIA PTY LTD (21) 2023901515 (22) 17.05.2023 (54) Shielding and Sensor Network for Autonomous Systems

Provisional Applications Filed - Name Index cont'd

Pact Renewables Pty Ltd see Arakel, A.
(21) 2023901485

(71) Paradigm BioPharmaceuticals Ltd
(21) 2023901503 (22) 16.05.2023
(54) PPS Conjugates

(71) Paradigm BioPharmaceuticals Ltd
(21) 2023901505 (22) 16.05.2023
(54) Chemical PPS modification

(71) Parasymp Pty Ltd
(21) 2023901538 (22) 18.05.2023
(54) Neuromodulation system

(71) Pharmorage Pty Limited
(21) 2023901499 (22) 16.05.2023
(54) Modified oligonucleotides

(71) Protteam Pty Ltd
(21) 2023901496 (22) 16.05.2023
(54) Method for Blast Initiation Optimisation

(71) QMR (IP) PTY LTD
(21) 2023901502 (22) 16.05.2023
(54) A METHOD OF IDENTIFYING A FAILED OR INCOMPLETE DETONATION OF AN EXPLOSIVE IN A BLAST HOLE AND/OR MOVEMENT OF BLASTED ROCK

(71) R & V Aqualine Industries Pty Ltd
(21) 2023901516 (22) 17.05.2023
(54) Transport container

(71) RAAB, E.
(21) 2023901523 (22) 17.05.2023
(54) BICYCLE POWER TORQUE DRIVE

(71) RAGE Biotech Pty Ltd
(21) 2023901558 (22) 19.05.2023
(54) Methods of treating pulmonary fibrosis

(71) RAGE Biotech Pty Ltd
(21) 2023901559 (22) 19.05.2023
(54) Methods of minimising effects of smoke exposure

(71) RDB IP Pty Ltd
(21) 2023901492 (22) 16.05.2023
(54) AN EXPANDABLE MODULE BUILDING STRUCTURE AND METHOD OF USE THEREOF

(71) Refine Group Pty Ltd
(21) 2023901536 (22) 18.05.2023
(54) Use of Spiral centralisers in Geothermal wells

Reilly, D. see Macdonald, J.
(21) 2023901565

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2023901533

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2023901533 (22) 18.05.2023
(54) Construction of Tubes for Use with Positioning and Stabilising Structures for Patient Interfaces and Respiratory Pressure Therapy Devices

(71) Rounsevell, P.
(21) 2023901497 (22) 16.05.2023
(54) A TILING TOOL

(71) Saluda Medical Pty Limited
(21) 2023901561 (22) 19.05.2023
(54) Neural tissue stimulation with direct currents

(71) Scolaro, A.
(21) 2023901513 (22) 17.05.2023
(54) A Clean Energy Drive

(71) Serrao, J.
(21) 2023901500 (22) 16.05.2023
(54) METHOD OF TREATMENT OR INHIBITION

(71) Servatus Ltd
(21) 2023901493 (22) 16.05.2023
(54) Treatment for alopecia

(71) Servatus Ltd
(21) 2023901519 (22) 17.05.2023
(54) Polypeptides and uses therefore

(71) Sutherland, R.
(21) 2023901464 (22) 14.05.2023
(54) centralized rotating disc non return valve

(71) Taylor, D.
(21) 2023901491 (22) 16.05.2023
(54) Progressive Core Strength Muscle Development Machine

(71) Telix International Pty Ltd
(21) 2023901510 (22) 16.05.2023
(54) Combination Therapy

(71) The Cawthron Institute Trust Board
(21) 2023901554 (22) 19.05.2023
(54) SAXITOXIN DERIVATIVES, THEIR PREPARATION AND USE

THE MCKINNON GROUP AUSTRALIA PTY LTD see Oventus Manufacturing Pty Ltd
(21) 2023901515

(71) The University of Adelaide
(21) 2023901506 (22) 16.05.2023
(54) METHOD AND COMPOSITION FOR PREVENTING AND/OR TREATING DIABETES ASSOCIATED WITH LOW-CALORIE SWEETENERS

(71) The University of Melbourne
(21) 2023901544 (22) 18.05.2023
(54) Lipid nanoparticle compositions and uses thereof

(71) Trihey, A.
(21) 2023901541 (22) 18.05.2023
(54) Hybrid Instantaneous Storage Electric Water Heater

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(21) 2023901546

(71) Vanzati, K.; Vanzati, J.
(21) 2023901546 (22) 18.05.2023
(54) Electronic device cover

(71) Varden Process Pty Ltd
(21) 2023901521 (22) 17.05.2023
(54) Process For Forming Moulded Pulp Products

(71) Varden Process Pty Ltd
(21) 2023901526 (22) 17.05.2023
(54) Capsule for use in preparing a beverage

(71) VivaZome Therapeutics Pty Ltd
(21) 2023901542 (22) 18.05.2023
(54) Extracellular vesicles

(71) Vivian, V.
(21) 2023901498 (22) 16.05.2023
(54) AN INTUBATION DEVICE FOR ENDOTRACHEAL INTUBATION THROUGH A LARYNGEAL MASK AIRWAY AND METHOD OF USE THEREOF

(71) Wadekar, P.
(21) 2023901524 (22) 17.05.2023
(54) A pressure swing adsorption system

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(71) Worsthorne, N.
(21) 2023901507 (22) 16.05.2023
(54) Desk

(71) York, B.
(21) 2023901484 (22) 15.05.2023
(54) Palletizer for Long Loads

(71) York, B.
(21) 2023901531 (22) 18.05.2023
(54) DOVETAIL CONNECTABLE SECTION

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2023901509	Commonwealth Scientific and Industrial Research Organisation	2023901575	CI Corporation Pty Ltd
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2023901515	Oventus Manufacturing Pty Ltd; THE MCKINNON GROUP AUSTRALIA PTY LTD		
2023901516	R & V Aqualine Industries Pty Ltd		
2023901517	BMSA ANCHORING SYSTEMS PTY LTD		
2023901518	Clifton Development and Designs Pty Ltd		
2023901519	Servatus Ltd		
2023901520	Maction Pty Ltd		
2023901521	Varden Process Pty Ltd		
2023901522	MORSE MICRO PTY. LTD.		
2023901523	RAAB, E.		
2023901524	Wadekar, P.		
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2023901533	ResMed Pty Ltd; ResMed Asia Pte. Ltd.		
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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 16 May 2023 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 10081886 Manitoba Ltd. (21) 2023203022 (22) 15.05.2023 (54) CONCAVE COVER PLATES FOR IMPROVING OPERATIONAL PERFORMANCE IN A COMBINE HARVESTER	(71) Ardelyx, Inc. (21) 2023203009 (22) 15.05.2023 (54) Glycyrrhetic acid derivatives for treating hyperkalemia (62) 2018335130	dividual transaction cards as a singular unit (62) 2021201577
(71) Able High International Ltd (21) 2023203118 (22) 18.05.2023 (54) Edge forming in thermoplastics (62) 2020264368	(71) AREA52 LTD (21) 2023203109 (22) 18.05.2023 (54) CRUSTACEAN BUTCHERING APPARATUS (31) 63/344,101 (32) 20.05.22 (33) US	(71) Board of Regents of the Nevada System of Higher Education, on behalf of the University of Nevada, Reno (21) 2023203063 (22) 16.05.2023 (54) METHODS AND SYSTEMS FOR TRACKING WILDFIRES USING WEATHER RADAR DATA (31) 63/342,671 (32) 17.05.22 (33) US
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(71) Adobe Inc. (21) 2023203008 (22) 15.05.2023 (54) NODE GRAPH OPTIMIZATION USING DIFFERENTIABLE PROXIES (31) 17/864,901 (32) 14.07.22 (33) US	(71) Arrowhead Pharmaceuticals, Inc. (21) 2023203102 (22) 17.05.2023 (54) TARGETING LIGANDS FOR THERAPEUTIC COMPOUNDS (62) 2017229469	(71) BTL Healthcare Technologies a.s. (21) 2023203099 (22) 17.05.2023 (54) Device and method for unattended treatment of a patient (62) 2021269187
(71) Advanced Lithium Electrochemistry Co., Ltd. (21) 2023202965 (22) 12.05.2023 (54) Recycling and reworking method of lithium iron phosphate cathode material (31) 111134107 (32) 08.09.22 (33) TW	(71) Beijing Baidu Netcom Science Technology Co., Ltd. (21) 2023203030 (22) 15.05.2023 (54) Quantum state transformation method, quantum state transformation apparatus and electronic device (31) 202210928079.9 (32) 03.08.22 (33) CN	(71) C&C GROUP S.R.L. (21) 2023203017 (22) 15.05.2023 (54) Film gripping and releasing device for pallet wrapping machines and related method of operation (31) 102022000010052 (32) 16.05.22 (33) IT
(71) Advanced Lithium Electrochemistry Co., Ltd. (21) 2023202966 (22) 12.05.2023 (54) Preparation method of lithium iron phosphate cathode material (31) 111136550 (32) 27.09.22 (33) TW	(71) Beijing Jitai Pharmaceutical Technology Co., Ltd.; Hangzhou Jitai Pharmaceutical Technology Co., Ltd. (21) 2023203043 (22) 16.05.2023 (54) Lipid-based topical injection formulations (31) 202211599668.3 (32) 14.12.22 (33) CN 202310098259.3 20.01.23 CN	(71) Cantor G&W (Nevada), L.P. (21) 2023203014 (22) 15.05.2023 (54) MAHJONG ROULETTE GAMING SYSTEM AND METHOD (62) 2021201610
(71) Agrawal, B.; Kumar, R.; Gupta, N. (21) 2023203076 (22) 17.05.2023 (54) Immunomodulatory compositions and methods of use thereof (62) 2016311387	(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2023203107 (22) 18.05.2023 (54) Prompt method, system, device, storage medium and movable device (31) 202210571267.0 (32) 24.05.22 (33) CN	(71) Cantor Index LLC (21) 2023203054 (22) 16.05.2023 (54) SYSTEM AND METHOD FOR WAGERING IN A FINANCIAL MARKET ENVIRONMENT (62) 2022201022
(71) Apple Inc. (21) 2023203050 (22) 16.05.2023 (54) Multi-modal activity tracking user interface (62) 2020288139	(71) Blackhawk Network, Inc. (21) 2023202988 (22) 12.05.2023 (54) A system for packaging, processing, activating, and deactivating multiple in-	(71) Canva Pty Ltd (21) 2023203016 (22) 15.05.2023 (54) Image enhancement (62) 2023201686

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(21) 2023203018 (22) 15.05.2023
(54) Image enhancement
(62) 2023201686

(71) Case Western Reserve University
(21) 2023203034 (22) 15.05.2023
(54) Intravertebral Direct Current Block of Spinal Transmission of Neural Signals
(62) 2019351023

(71) ChannelFix.com LLC
(21) 2023203033 (22) 15.05.2023
(54) Video-Tournament Platform
(62) 2018266453

(71) Chauvet & Sons, LLC
(21) 2023203074 (22) 17.05.2023
(54) Portable multi-function lighting device with built-in master-slave controller and an integrated lighting system and method using the portable multi-function lighting device
(31) 18/315,814 (32) 11.05.23 (33) US
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(21) 2023202991

(71) COLLINS, K.
(21) 2023202985 (22) 12.05.2023
(54) A method and kit for flasking orchids

(71) Dabico Airport Solutions Germany GmbH
(21) 2023203023 (22) 15.05.2023
(54) POWER SUPPLY SYSTEM FOR AN AIRCRAFT SERVICE PIT
(31) 22173619.2 (32) 16.05.22 (33) EM

De Clippeleir, H. see Murthy, S.N.
(21) 2023202981

(71) Deere & Company
(21) 2023202979 (22) 12.05.2023
(54) Agricultural machine with dynamic debris removal
(31) 17/825,808 (32) 26.05.22 (33) US

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(21) 2023203115 (22) 18.05.2023
(54) Accumulator cotton compress assembly
(31) 63/366,329 (32) 14.06.22 (33) US
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(54) PSMA BINDING ANTIBODY AND USES THEREOF
(62) 2017207947

(71) Dexcom, Inc.
(21) 2023202976 (22) 12.05.2023
(54) System and method for mode switching
(62) 2021203385

(71) Dexcom, Inc.
(21) 2023203091 (22) 17.05.2023
(54) Transcutaneous analyte sensor systems and methods
(62) 2017347902

(71) Dietatec Oy
(21) 2023202969 (22) 12.05.2023
(54) METHOD AND APPARATUS FOR MEASURING AND CONTROLLING TEMPERATURE IN A KETTLE
(31) 22173323.1 (32) 13.05.22 (33) EP

(71) Dignity Health
(21) 2023203073 (22) 17.05.2023
(54) Diagnostic or predictor of relapsing remitting multiple sclerosis
(62) 2017286979

(71) Dolby International AB
(21) 2023203057 (22) 16.05.2023
(54) Model based prediction in a critically sampled filterbank
(62) 2022201676

(71) Dräger Safety AG & Co. KGaA
(21) 2023203114 (22) 18.05.2023
(54) Monitoring system
(62) 2021302337

(71) Dynapower Company LLC
(21) 2023202994 (22) 13.05.2023
(54) DC/DC Converter and Control Thereof
(62) 2018268716

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(21) 2023203041

(71) Eddy Pump Corporation
(21) 2023203096 (22) 17.05.2023
(54) DREDGE SYSTEM
(31) 63/343,678 (32) 19.05.22 (33) US

(71) Eisai R & D Management Co., Ltd.; President and Fellows of Harvard College
(21) 2023203013 (22) 15.05.2023
(54) Synthesis of halichondrins
(62) 2018297305

(71) Eli Lilly and Company
(21) 2023202982 (22) 12.05.2023
(54) Injection system
(62) 2020241335

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(21) 2023203001 (22) 15.05.2023
(54) Process for preparing a GIP/GLP1 dual agonist
(62) 2020216922

(71) Ellipse World S.A.
(21) 2023203064 (22) 16.05.2023
(54) Method for a prepaid, debit and credit card security code generation system
(62) 2017309383

(71) ESCO Group LLC
(21) 2023203100 (22) 17.05.2023
(54) Monitoring ground engaging products for earth working equipment
(62) 2020284137

(71) Evoqua Water Technologies Canada Limited
(21) 2023203065 (22) 16.05.2023
(54) Segmented cover for a wastewater reservoir
(62) 2017342900

(71) Face International Corporation
(21) 2023202983 (22) 12.05.2023
(54) METHODS FOR FABRICATION, MANUFACTURE AND PRODUCTION OF AN AUTONOMOUS ELECTRICAL POWER SOURCE
(62) 2017407989

(71) Face International Corporation
(21) 2023202987 (22) 12.05.2023
(54) AUTONOMOUS ELECTRICAL POWER SOURCES
(62) 2017407988

(71) Fachlabor Dr. W. Klee fur grazile Kieferorthopadie GmbH
(21) 2023203110 (22) 18.05.2023
(54) System for transferring orthodontic tools, kit of parts comprising the system for transferring orthodontic tools and the use of the system and of the kit of parts
(31) 22174621.7 (32) 20.05.22 (33) EP

(71) FAR YI INDUSTRIAL CO., LTD.; CHUNG SU CO., LTD.
(21) 2023202991 (22) 12.05.2023
(54) COMPOUND CLEANING DEVICE

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(71) FASTCASE, INC.
 (21) 2023203060 (22) 16.05.2023
 (54) DEVICES, SYSTEMS, AND METHODS FOR DISPLAYING AND LINKING LEGAL CONTENT
 (31) 17/746,447 (32) 17.05.22 (33) US

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2023203032 (22) 15.05.2023
 (54) PATIENT INTERFACE AND ASPECTS THEREOF
 (62) 2021245217

(71) Fisher and Paykel Healthcare Limited
 (21) 2023203071 (22) 16.05.2023
 (54) WATER OUT ALARM DETERMINATION
 (62) 2017297977

(71) Flamel Ireland Ltd.
 (21) 2023203055 (22) 16.05.2023
 (54) MODIFIED RELEASE GAMMA-HYDROXYBUTYRATE FORMULATIONS HAVING IMPROVED PHARMACOKINETICS
 (62) 2017300845

(71) FMC CORPORATION
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(71) Freeport-McMoRan Inc.
 (21) 2023203092 (22) 17.05.2023
 (54) Methods and systems for deploying equipment required to meet defined production targets
 (62) 2021204532

(71) Fujitsu Limited
 (21) 2023203031 (22) 15.05.2023
 (54) Verification program, verification method, and information processing apparatus
 (31) 2022-107825 (32) 04.07.22 (33) JP

(71) Furzer, M.
 (21) 2023203111 (22) 18.05.2023
 (54) A Technical Method for eliminating Antecedent Data from the Monthly Percentage Runoff of a defined watershed thus allowing the identification of historical and forecast Monthly Soil Moisture Percentages.

(71) Gentex Corporation
 (21) 2023203004 (22) 15.05.2023

(54) Helmet accessory mounting system
 (62) 2020278782

(71) Getac Technology Corporation
 (21) 2023203067 (22) 16.05.2023
 (54) ELECTRONIC DEVICE
 (31) 63/410,571 (32) 27.09.22 (33) US
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(71) Getac Technology Corporation
 (21) 2023203068 (22) 16.05.2023
 (54) ELECTRONIC DEVICE AND ASSEMBLY THEREOF
 (31) 63/410,571 (32) 27.09.22 (33) US
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(71) GE Video Compression, LLC
 (21) 2023203089 (22) 17.05.2023
 (54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
 (62) 2021277524

(71) Globberide, Inc.
 (21) 2023202972 (22) 12.05.2023
 (54) FISHING REEL SEAT
 (31) 2022-133885 (32) 25.08.22 (33) JP
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(71) Google LLC
 (21) 2023203061 (22) 16.05.2023
 (54) MAGIC STATE FACTOR CONSTRUCTIONS FOR PRODUCING CCZ AND T STATES
 (62) 2019389094

(71) GUANGZHOU TUSUNNY HOME PRODUCTS CO., LTD.
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 (54) AUTOMATICALLY LOCKED RETRACTABLE PROTECTIVE DOOR SILL
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 (21) 2023203051

(71) Hainan Medical University
 (21) 2023203104 (22) 18.05.2023
 (54) PREPARATION METHOD FOR CHROMOSOMES OF ROOT MERISTEM OF TETRAPLOID COFFEA ARABICA
 (31) 2023100763420.0 (32) 07.02.23 (33) CN

(71) Hangzhou DAC Biotech Co., Ltd
 (21) 2023203116 (22) 18.05.2023
 (54) Conjugation Linkers, Cell Binding Molecule-Drug Conjugates Containing the linkers, methods of making and uses such conjugates with the linkers
 (62) 2021200562

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 (21) 2023203043

(71) Herming Grove
 (21) 2023202993 (22) 13.05.2023
 (54) BARE SEED EJECTION SYSTEM

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 (21) 2023202981

(71) Hindustan Petroleum Corporation Limited
 (21) 2023203046 (22) 16.05.2023
 (54) Binary substituted vanadium phosphate electrode material
 (31) 202341003812 (32) 19.01.23 (33) IN

(71) Hindustan Petroleum Corporation Limited
 (21) 2023203049 (22) 16.05.2023
 (54) Ternary substituted vanadium phosphate electrode material
 (31) 202341003842 (32) 19.01.23 (33) IN

(71) HLC SB Distribution, S.L.
 (21) 2023203113 (22) 18.05.2023
 (54) DETACHABLE SKATEBOARD ASSEMBLY
 (31) 22382481.4 (32) 18.05.22 (33) EM

(71) Huawei Technologies Co., Ltd.
 (21) 2023202986 (22) 12.05.2023
 (54) METHOD AND APPARATUS FOR INTRA PREDICTION
 (62) 2019286133

(71) Hunter Douglas, Inc.
 (21) 2023203029 (22) 15.05.2023
 (54) Operating system for a covering for an architectural opening
 (62) 2021200626

(71) IGM Biosciences Inc
 (21) 2023203119 (22) 18.05.2023
 (54) CD20 BINDING MOLECULES AND USES THEREOF
 (62) 2020202667

(71) Incyte Corporation
 (21) 2023203088 (22) 17.05.2023

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(54) CONDENSED IMIDAZOLE DERIVATIVES SUBSTITUTED BY TERTIARY HYDROXY GROUPS AS PI3K-GAMMA INHIBITORS
(62) 2018350980

(71) Institute of Biotechnology, Xinjiang Academy of Animal Science (China-Australia Sheep Research Centre, Xinjiang Academy of Animal Science)
(21) 2023203035 (22) 16.05.2023
(54) SHEEP PDGFD, NUCLEIC ACIDS ENCODING PDGFD AND RECOMBINANT LENTIVIRUS, HOST CELL AND USE THEREOF
(31) 2022106064815 (32) 31.05.22 (33) CN

(71) Intuit Inc.
(21) 2023203056 (22) 16.05.2023
(54) Method and system for updating analytics models that are used to dynamically and adaptively provide personalized user experiences in a software system
(62) 2021203258

Jonnalagadda, U. see Brown, C.
(21) 2023203097

(71) Karsten Manufacturing Corporation
(21) 2023202984 (22) 12.05.2023
(54) Sub-assembly for a golf bag and a golf bag system for recipient self-assembly
(62) 2022203270

(71) Kimberly-Clark Worldwide, Inc.
(21) 2023202989 (22) 12.05.2023
(54) System and method for alerting attendants regarding service area dispenser refill needs
(62) 2016412624

Kumar, R. see Agrawal, B.
(21) 2023203076

(71) LG Electronics Inc.
(21) 2023202968 (22) 12.05.2023
(54) Stack-type laundry treating apparatus
(62) 2021201454

(71) LG Electronics Inc.
(21) 2023203062 (22) 16.05.2023
(54) VIDEO CODING METHOD ON BASIS OF SECONDARY TRANSFORM, AND DEVICE FOR SAME
(62) 2019404727

(71) Light Field Lab, Inc.
(21) 2023203039 (22) 16.05.2023
(54) Encoded energy waveguides for holographic super resolution
(62) 2021201774

(71) Linked Group Services Pty Ltd
(21) 2023202978 (22) 12.05.2023
(54) Transportable stations
(31) 2023900820 (32) 23.03.23 (33) AU

(71) MAHLE International GmbH
(21) 2023202964 (22) 12.05.2023
(54) A METHOD FOR ALIGNING A VEHICLE TO AN ADAS CALIBRATION TARGET AND AN ADAS CALIBRATION SYSTEM
(31) 22173550.9 (32) 16.05.22 (33) EP

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(21) 2023203097

(71) Maytronics Ltd.
(21) 2023203070 (22) 16.05.2023
(54) AN EXTRACTION UNIT FOR EXTRACTING A ROBOT
(31) 291426 (32) 16.03.22 (33) IL
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(71) Milwaukee Electric Tool Corporation
(21) 2023203101 (22) 17.05.2023
(54) Battery charger
(62) 2022203040

(71) MILWAUKEE ELECTRIC TOOL CORPORATION
(21) 2023203053 (22) 16.05.2023
(54) BATTERY PACK
(31) 63/342,760 (32) 17.05.22 (33) US

(71) ModernaTX, Inc.
(21) 2023203042 (22) 16.05.2023
(54) Compositions and methods for delivery of therapeutic agents
(62) 2022259750

(71) Monash University
(21) 2023202974 (22) 12.05.2023
(54) Lymph directing prodrugs
(62) 2021200991

(71) Murthy, S.N.; Higgins, M.; De Clippeleir, H.; Wett, B.
(21) 2023202981 (22) 12.05.2023
(54) A method and apparatus for pasteurization, hydrolysis and carbonization
(62) 2017331271

(71) National Payments Corporation of India
(21) 2023203106 (22) 18.05.2023
(54) AN ELECTRONIC PAYMENT SYSTEM AND METHOD THEREOF
(62) 2017283207

(71) Nicira, Inc.
(21) 2023203037 (22) 16.05.2023

(54) Extension of network control system into public cloud
(62) 2021212107

(71) Nicoventures Trading Limited
(21) 2023202971 (22) 12.05.2023
(54) Embedded connectivity
(62) 2019409041

(71) Nicoventures Trading Limited
(21) 2023203086 (22) 17.05.2023
(54) Heating assembly and apparatus
(62) 2020233964

Ningxia YongNong BioSciences CO., LTD. see YongNong BioSciences CO., LTD.
(21) 2023203007

(71) Northwest Biotherapeutics, Inc.
(21) 2023202977 (22) 12.05.2023
(54) OPTIMALLY ACTIVATED DENDRITIC CELLS THAT INDUCE AN IMPROVED OR INCREASED ANTI-TUMOR IMMUNE RESPONSE
(62) 2016286112

(71) Opus RV Pty Ltd
(21) 2023203098 (22) 17.05.2023
(54) Improvements Relating to Camping Assemblies
(62) 2022271497

(71) PayPal, Inc.
(21) 2023203082 (22) 17.05.2023
(54) System and method for obtaining recommendations using scalable cross-domain collaborative filtering
(62) 2019395313

(71) PETRAS, N.
(21) 2023203081 (22) 17.05.2023
(54) SEAT
(31) 788670 (32) 25.05.22 (33) NZ

(71) Pratt Retail Specialties, LLC
(21) 2023203006 (22) 15.05.2023
(54) Method of making an insulation material and an insulated mailer
(62) 2021204424

(71) Precision Planting LLC
(21) 2023203077 (22) 17.05.2023
(54) Systems, methods, and apparatus for agricultural liquid application
(62) 2020204605

President and Fellows of Harvard College see Eisai R & D Management Co., Ltd.
(21) 2023203013

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- (71) President and Fellows of Harvard College
(21) 2023203048 (22) 16.05.2023
(54) CAS9 VARIANTS AND USES THERE-OF
(62) 2021201257
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- (71) Prince, T.L.
(21) 2023203003 (22) 15.05.2023
(54) Systems, applicators, and methods for administering multiple allergens into the skin of a patient
(31) 17/992,125 (32) 22.11.22 (33) US
(62) PCT/US2021/056965
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- (71) Prysmian S.p.A.
(21) 2023203079 (22) 17.05.2023
(54) Joint assembly for power cables having an optical fiber cable embedded at different radial positions, joint system and method for installing such a joint assembly
(31) 102022000012158 (32) 08.06.22 (33) IT
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- QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD. see QINGDAO HAIER NEW ENERGY APPLIANCE CO., LTD.**
(21) 2023203051
-
- (71) QINGDAO HAIER NEW ENERGY APPLIANCE CO., LTD.; QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD.; Zhengzhou Haier New Energy Technology Co., Ltd.; Haier Smart Home Co., Ltd.
(21) 2023203051 (22) 16.05.2023
(54) FOAMING METHOD AND DEVICE FOR WATER TANK OF WATER HEATER, WATER TANK AND HEAT-PUMP WATER HEATER
(31) 2022111172523 (32) 14.09.22 (33) CN
-
- (71) Reynolds Presto Products Inc.
(21) 2023203044 (22) 16.05.2023
(54) Hidden flange child resistant closure for recloseable pouch and methods
(62) 2019406361
-
- (71) Rodriguez, R.
(21) 2023203024 (22) 15.05.2023
(54) METHODS AND SYSTEMS FOR DETERMINING THE AUTHENTICITY OF AN IDENTITY DOCUMENT
(31) 17/959,731 (32) 04.10.22 (33) US
-
- (71) Russell, P.
(21) 2023203080 (22) 17.05.2023
(54) SYSTEM AND METHOD FOR PRODUCING A CREMATION STONE
(31) 63/392,479 (32) 26.07.22 (33) US
-
- (71) S. C. Johnson & Son, Inc.
(21) 2023203075 (22) 17.05.2023
(54) Volatile material dispenser
(62) 2020352901
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- (71) Sage Products, LLC
(21) 2023203027 (22) 15.05.2023
(54) Oral care system
(62) 2017357084
-
- (71) Sage Therapeutics, Inc.
(21) 2023203028 (22) 15.05.2023
(54) Neuroactive steroids, compositions, and uses thereof
(62) 2021204183
-
- (71) Sarepta Therapeutics, Inc.
(21) 2023203112 (22) 18.05.2023
(54) Peptide oligonucleotide conjugates
(62) 2021202224
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- (71) Seagen Inc.
(21) 2023203005 (22) 15.05.2023
(54) Self-stabilizing linker conjugates
(62) 2021201636
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- (71) SEASON AGRICULTURAL TECHNOLOGY CO., LTD.
(21) 2023203094 (22) 17.05.2023
(54) FOOD PROCESSOR
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- (71) ServiceNow, Inc.
(21) 2023203026 (22) 15.05.2023
(54) RAPID ERROR DETECTION THROUGH COMMAND VALIDATION
(31) 17/862,680 (32) 12.07.22 (33) US
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- Shen, G. see Ye, L.**
(21) 2023202990
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- (71) Silverflow Technology Pty Ltd
(21) 2023203120 (22) 12.05.2023
(54) Silver electrode control circuitry of the generation of colloidal silver to reduce the active biological loading in a fluid
(31) 2022901003 (32) 14.04.22 (33) AU
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- (71) slennett-roberts, t.
(21) 2023203108 (22) 18.05.2023
(54) Autobot Transportation Logistics
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- (71) Smith & Nephew Asia Pacific Pte. Limited
(21) 2023203010 (22) 15.05.2023
(54) Negative pressure wound therapy apparatuses and methods for using the same
(62) 2018220865
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- (71) SMP Logic Systems LLC
(21) 2023203021 (22) 15.05.2023
(54) Cloud-controlled manufacturing execution system (CLO-cMES) for use in pharmaceutical manufacturing process control, methods, and systems thereof
(62) 2018353988
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- (71) Snap-on Incorporated
(21) 2023203047 (22) 16.05.2023
(54) Gaiter with coupling
(31) 17/748,801 (32) 19.05.22 (33) US
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- (71) Snap-On Incorporated
(21) 2023203093 (22) 17.05.2023
(54) Systems, tool storage units, and methods for providing electrical power
(31) 17/750,285 (32) 20.05.22 (33) US
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- (71) Spin Master Ltd.
(21) 2023203025 (22) 15.05.2023
(54) System and method for controlling a flying toy
(62) 2021235426
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- (71) Spruce Biosciences, Inc.
(21) 2023203095 (22) 17.05.2023
(54) Methods for treating testicular and ovarian adrenal rest tumors
(62) 2019260793
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- (71) Stairmedia BCN, S.L.
(21) 2023203066 (22) 16.05.2023
(54) Device for displaying images for stands or stairways
(62) 2019293808
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- (71) Stryker Corporation
(21) 2023203011 (22) 15.05.2023
(54) Waste collection system for use during a medical or surgical procedure
(62) 2020273326
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- (71) SUNGROW RENEWABLES DEVELOPMENT CO. LTD.
(21) 2023202970 (22) 12.05.2023
(54) Photovoltaic system and method for determining combiner box set for the same
(31) 202210639279.2 (32) 08.06.22 (33) CN
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- (71) SUZHOU ZHIHE STRUCTURAL MEDICINE TECHNOLOGY CO., LTD.
(21) 2023203105 (22) 18.05.2023
(54) Substance for treating and/or preventing allergic diseases, and design method and preparation method thereof
(62) 2019386779
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- (71) Syros Pharmaceuticals, Inc.
(21) 2023203040 (22) 16.05.2023

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(54) RARA AGONISTS FOR THE TREATMENT OF AML AND MDS
(62) 2017248187

(71) Techtronic Cordless GP
(21) 2023203078 (22) 17.05.2023
(54) Cap assembly, method for making its connector, and battery with this cap assembly
(31) 202210557033.0 (32) 20.05.22 (33) CN

(71) Telefonaktiebolaget LM Ericsson (PUBL)
(21) 2023202995 (22) 13.05.2023
(54) SEMI-PERSISTENT CSI FEEDBACK OVER PUSCH
(62) 2021204028

(71) TeleSense, Inc.
(21) 2023203090 (22) 17.05.2023
(54) Method and apparatus for remote monitoring and management of storage using machine learning and data analytics
(62) 2019229185

(71) Tencent America LLC
(21) 2023203020 (22) 15.05.2023
(54) Method and apparatus for palette based coding mode under local dual tree structure
(62) 2021211618

(71) The Boeing Company
(21) 2023202980 (22) 12.05.2023
(54) Hybrid-computing resource optimization
(31) 17/664,063 (32) 19.05.22 (33) US

(71) The Sy-Klone Company, LLC
(21) 2023203087 (22) 17.05.2023
(54) Air quality monitoring and control system
(31) 18/196,507 (32) 12.05.23 (33) US

(71) The Trustee for NAP Global Trust
(21) 2023202992 (22) 12.05.2023
(54) Road Barrier Device
(31) 2022901271 (32) 12.05.22 (33) AU

(71) The University of Western Australia
(21) 2023203103 (22) 17.05.2023
(54) Antisense Molecules and Methods for Treating Pathologies
(62) 2020260498

(71) TOOTHFILM INC.
(21) 2023203058 (22) 16.05.2023
(54) A TOOTH BRIGHTENING COMPOSITION, KIT, AND METHOD OF USING THE SAME
(31) 111122288 (32) 15.06.22 (33) TW

(71) TransMedics, Inc.
(21) 2023203083 (22) 17.05.2023
(54) SYSTEMS AND METHODS FOR EX VIVO LUNG CARE
(62) 2021282426

(71) Tritana Intellectual Property Ltd.
(21) 2023202963 (22) 12.05.2023
(54) WEED SEED DESTRUCTION ON A COMBINE HARVESTER
(62) 2023200889

(71) Trustees of Dartmouth College
(21) 2023202967 (22) 12.05.2023
(54) Vista regulatory T cell mediator protein, vista binding agents and use thereof
(62) 2020202838

(71) University of Florida Research Foundation, Inc.
(21) 2023203038 (22) 16.05.2023
(54) HEMATOPOIETIC STEM CELLS IN COMBINATORIAL THERAPY WITH IMMUNE CHECKPOINT INHIBITORS AGAINST CANCER
(62) 2016303489

(71) University of Pittsburgh-Of The Commonwealth System of Higher Education
(21) 2023203000 (22) 15.05.2023
(54) Oncolytic virus therapy
(62) 2018215558

(71) Valent BioSciences LLC
(21) 2023203117 (22) 18.05.2023
(54) 1-amino-1-cyclopropanecarboxylic acid hydrochloride formulations
(62) 2018243276

(71) VAST SOLAR PTY LTD
(21) 2023203015 (22) 15.05.2023
(54) Hybrid electrical power generation system and method of simulating the same
(62) PCT/AU2021/051213

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(21) 2023202981

(71) WIREMAN PTY LIMITED
(21) 2023203012 (22) 15.05.2023
(54) A Rural Fencing Method and Fence
(31) 2022901681 (32) 20.06.22 (33) AU

(71) WisTa Laboratories Ltd.
(21) 2023203084 (22) 17.05.2023
(54) Administration and dosage of diaminophenothiazines
(62) 2022291420

(71) XL IP B.V.
(21) 2023203019 (22) 15.05.2023

(54) Slide-out room and operating mechanism and components thereof
(62) 2021200085

(71) Yang Bey Industrial Co., Ltd
(21) 2023203045 (22) 16.05.2023
(54) Adhesive Tape Dispenser Having Guide Function
(31) 112110706 (32) 22.03.23 (33) TW

(71) Ye, L.; Shen, G.
(21) 2023202990 (22) 12.05.2023
(54) Method for breeding cattle
(31) 2022901285 (32) 13.05.22 (33) AU

(71) YongNong BioSciences CO., LTD.; Ningxia YongNong BioSciences CO., LTD.
(21) 2023203007 (22) 15.05.2023
(54) METHODS OF PREPARING GLUFOSINATE
(31) 202211440553.X (32) 17.11.22 (33) CN
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(71) Zahnow, R.
(21) 2023202996 (22) 13.05.2023
(54) SWIVEL ASSEMBLY FOR HOSE-DRAG LATERAL IRRIGATION SYSTEM
(31) 2022901273 (32) 13.05.22 (33) AU

(71) Zero Emission Industries, Inc.
(21) 2023202973 (22) 12.05.2023
(54) GASEOUS FUELING SYSTEM
(62) 2021307402

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(21) 2023203051

(71) ZTE Corporation
(21) 2023203052 (22) 16.05.2023
(54) CONTROL CHANNEL DETECTION AND INFORMATION ELEMENT TRANSMISSION METHODS AND APPARATUSES, DEVICE AND STORAGE MEDIUM
(62) 2019372678

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2023202964	MAHLE International GmbH	2023203033	ChannelFix.com LLC
2023202965	Advanced Lithium Electrochemistry Co., Ltd.	2023203034	Case Western Reserve University
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2023202968	LG Electronics Inc.	2023203037	Nicira, Inc.
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2023202981	Murthy, S.N.; Higgins, M.; De Clippeleir, H.; Wett, B.	2023203050	Apple Inc.
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2023202983	Face International Corporation	2023203052	ZTE Corporation
2023202984	Karsten Manufacturing Corporation	2023203053	MILWAUKEE ELECTRIC TOOL CORPORATION
2023202985	COLLINS, K.	2023203054	Cantor Index LLC
2023202986	Huawei Technologies Co., Ltd.	2023203055	Flamel Ireland Ltd.
2023202987	Face International Corporation	2023203056	Intuit Inc.
2023202988	Blackhawk Network, Inc.	2023203057	Dolby International AB
2023202989	Kimberly-Clark Worldwide, Inc.	2023203058	TOOTHFILM INC.
2023202990	Ye, L.; Shen, G.	2023203059	GUANGZHOU TUSUNNY HOME PRODUCTS CO., LTD.
2023202991	FAR YI INDUSTRIAL CO., LTD.; CHUNG SU CO., LTD.	2023203060	FASTCASE, INC.
2023202992	The Trustee for NAP Global Trust	2023203061	Google LLC
2023202993	Herming Grove	2023203062	LG Electronics Inc.
2023202994	Dynapower Company LLC	2023203063	Board of Regents of the Nevada System of Higher Education, on behalf of the University of Nevada, Reno
2023202995	Telefonaktiebolaget LM Ericsson (PUBL)	2023203064	Ellipse World S.A.
2023202996	Zahnnow, R.	2023203065	Evoqua Water Technologies Canada Limited
2023203000	University of Pittsburgh-Of The Commonwealth System of Higher Education	2023203066	Stairmedia BCN, S.L.
2023203001	Eli Lilly and Company	2023203067	Getac Technology Corporation
2023203003	Prince, T.L.	2023203068	Getac Technology Corporation
2023203004	Gentex Corporation	2023203069	Ab Närpes Trä & Metall - Oy Närpiön Puu ja Metall
2023203005	Seagen Inc.	2023203070	Maytronics Ltd.
2023203006	Pratt Retail Specialties, LLC	2023203071	Fisher and Paykel Healthcare Limited
2023203007	YongNong BioSciences CO., LTD.; Ningxia YongNong BioSciences CO., LTD.	2023203073	Dignity Health
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2023203011	Stryker Corporation	2023203077	Precision Planting LLC
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2023203013	Eisai R & D Management Co., Ltd.; President and Fellows of Harvard College	2023203079	Prysmian S.p.A.
2023203014	Cantor G&W (Nevada), L.P.	2023203080	Russell, P.
2023203015	VAST SOLAR PTY LTD	2023203081	PETRAS, N.
2023203016	Canva Pty Ltd	2023203082	PayPal, Inc.
2023203017	C&C GROUP S.R.L.	2023203083	TransMedics, Inc.
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2023203020	Tencent America LLC	2023203086	Nicoventures Trading Limited
2023203021	SMP Logic Systems LLC	2023203087	The Sy-Klone Company, LLC
2023203022	10081886 Manitoba Ltd.	2023203088	Incyte Corporation
2023203023	Dabico Airport Solutions Germany GmbH	2023203089	GE Video Compression, LLC
2023203024	Rodriguez, R.	2023203090	TeleSense, Inc.
2023203025	Spin Master Ltd.		
2023203026	ServiceNow, Inc.		
2023203027	Sage Products, LLC		
2023203028	Sage Therapeutics, Inc.		
2023203029	Hunter Douglas, Inc.		
2023203030	Beijing Baidu Netcom Science Technology Co., Ltd.		
2023203031	Fujitsu Limited		

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2023203091	Dexcom, Inc.
2023203092	Freeport-McMoRan Inc.
2023203093	Snap-On Incorporated
2023203094	SEASON AGRICULTURAL TECHNOLOGY CO., LTD.
2023203095	Spruce Biosciences, Inc.
2023203096	Eddy Pump Corporation
2023203097	Brown, C.; Jonnalagadda, U.; Forman, S.; Mardiros, A.
2023203098	Opus RV Pty Ltd
2023203099	BTL Healthcare Technologies a.s.
2023203100	ESCO Group LLC
2023203101	Milwaukee Electric Tool Corporation
2023203102	Arrowhead Pharmaceuticals, Inc.
2023203103	The University of Western Australia
2023203104	Hainan Medical University
2023203105	SUZHOU ZHIHE STRUCTURAL MEDICINE TECHNOLOGY CO., LTD.
2023203106	National Payments Corporation of India
2023203107	Beijing Tusen Zhitu Technology Co., Ltd.
2023203108	slennett-roberts, t.
2023203109	AREA52 LTD
2023203110	Fachlabor Dr. W. Klee fur grazile Kieferorthopadie GmbH
2023203111	Furzer, M.
2023203112	Sarepta Therapeutics, Inc.
2023203113	HLC SB Distribution, S.L.
2023203114	Dräger Safety AG & Co. KGaA
2023203115	Deere & Company
2023203116	Hangzhou DAC Biotech Co., Ltd
2023203117	Valent BioSciences LLC
2023203118	Able High International Ltd
2023203119	IGM Biosciences Inc
2023203120	Silverflow Technology Pty Ltd

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 16 May 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) BTL Healthcare Technologies a.s.
(21) 2023100045 **(22)** 22.05.2023
(54) Device and method for unattended
treatment of a patient
(62) 2021269187

(71) Imtrade Australia Pty Ltd
(21) 2023100043 **(22)** 22.05.2023
(54) Pesticide formulation comprising
spinosad and s-methoprene
(62) 2021103392

(71) Imtrade Australia Pty Ltd
(21) 2023100044 **(22)** 22.05.2023
(54) Pesticide formulation comprising
spinosad and s-methoprene
(62) 2021103392

(71) Janssen Biotech, Inc.
(21) 2023100041 **(22)** 18.05.2023
(54) Safe and effective method of treating
ulcerative colitis with anti-il12/il23 anti-
body
(62) 2023201217

(71) Janssen Biotech, Inc.
(21) 2023100042 **(22)** 18.05.2023
(54) Safe and effective method of treating
ulcerative colitis with anti-il12/il23 anti-
body
(62) 2023201217

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2023100042 Janssen Biotech, Inc.
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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2003236647 (14)	2003238336 (14)	2003239435 (14)
2003240246 (14)	2003240844 (14)	2003242889 (14)
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2014349415 (14)	2014357609 (14)	2014410773 (14)	2019277798 (1B)	2019277836 (1B)	2019277894 (1B)
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2018101646 (22E)	2018101647 (22E)	2018101650 (22E)	2020103281 (22E)	2020103286 (22E)	2020103287 (22E)
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2018308692 (5C)	2018314933 (5C)	2018359553 (4C)	2020103323 (22E)	2020103324 (22E)	2020103325 (22E)
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 2021215139 (4C) 2021232815 (25D) 2021232821 (25D)
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 2022901350 (12AN) 2022901355 (12AN) 2022901397 (12AN)
 2022901441 (12AN) 2022901467 (12AN) 2022902206 (12AN)
 2022903061 (12AN)

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2023200932 (1B) 2023201019 (7AN) 2023201030 (7AN)
 2023900002 (12AN) 2023900570 (12AN) 2023901469 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2023

2023201707 **AIRSET** Provisional Number: 2023901514

Assignments before Grant, Section 113

2017

2017234528 Shimkets, Richard; Abeome Corporation; Bartlett, Nathan; Jackson, Crystal; Luo, Yonghua; Vincent, Thomas The application has been assigned to **Lanier Biotherapeutics, Inc.; Shimkets, Richard; Jackson, Crystal; Bartlett, Nathan; Vincent, Thomas; Luo, Yonghua**

2017236050 Wang, An The application has been assigned to **ANW Design Pty Ltd**

2017264693 Sarkissian, Shaunt M. The application has been assigned to **TBOL, INC.**

2018

2018234280 Swansea University The application has been assigned to **Cansense Group Ltd**

2018276317 Fluid Energy Group Ltd. The application has been assigned to **Dorf Ketal Chemicals FZE**

2018301804 McGuire, Michael; Chung, Keen; Collins, Nathan; Brown, Kathlynn; Allred, Curtis; Li, Shunzi "Susan" The application has been assigned to **SRI International**

2018375020 Saltus Mining Africa (Pty) Limited The application has been assigned to **Comprite Mining Pty Ltd**

2018380132 Lin Bioscience, Pty Ltd. The application has been assigned to **Lin Bioscience, Inc.**

2018901713 Danton Enterprises Australia Pty Ltd The application has been assigned to **CDB Goldair Australia Pty Limited**

2019

2019204871 Wang, An The application has been assigned to **ANW Design Pty Ltd**

Assignments before Grant, Section 113

2019239850 Abeome Corporation The application has been assigned to **Lanier Biotherapeutics, Inc.**

2019282132 ANJI PHARMA (US) LLC The application has been assigned to **Anji Pharmaceuticals Inc.**

2019282820 Fred Hutchinson Cancer Research Center; Faraday Pharmaceuticals, Inc. The application has been assigned to **Fred Hutchinson Cancer Center; Faraday Pharmaceuticals, Inc.**

2019287623 Proclara Biosciences, Inc. The application has been assigned to **Amyl Therapeutics SRL**

2019290046 Fluid Energy Group Ltd. The application has been assigned to **Dorf Ketal Chemicals FZE**

2019318538 ARNAOUT, M. Amin; The General Hospital Corporation The application has been assigned to **The General Hospital Corporation**

2020

2020207775 Fredax AB The application has been assigned to **Janssen Biotech, Inc.**

2020214172 Evonik Canada Inc.; Evonik Fibres GmbH; Evonik Corporation The application has been assigned to **Evonik Operations GmbH**

2020228549 Smith, Lucas The application has been assigned to **Woolaid Limited**

2020234718 University of Virginia Patent Foundation The application has been assigned to **TearSolutions, Inc.; University of Virginia Patent Foundation**

2020272557 Freeline Therapeutics Limited The application has been assigned to **Ascend Gene and Cell Therapies Ltd**

2020283463 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2020291162 Vaxon Biotech The application has been assigned to **KRIPTIC PHARMACEUTICALS LIMITED**

2020351308 Currency Com Limited The application has been assigned to **CAPITAL COM IP LTD**

2020357455 McGuire, Michael; Brown, Kathlynn; Venugopal, Indu; Li, Shunzi; Allred, Curtis The application has been assigned to **SRI International**

2021

2021201405 Landos Biopharma, Inc. The application has been assigned to **NIMMUNE BIOPHARMA, INC.**

2021204483 Wang, An The application has been assigned to **ANW Design Pty Ltd**

Assignments before Grant, Section 113

2021221696 VAICO LIMITED The application has been assigned to **VAICO 2022 LIMITED**

2021245255 Sharp Life Science (EU) Ltd; Oxford Nanopore Technologies plc The application has been assigned to **Oxford Nanopore Technologies plc**

2021307445 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2021307934 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2021307935 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2021309951 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2021309952 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2021310288 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2021310289 Invacare Corporation The application has been assigned to **Ventec Life Systems, Inc.**

2021330219 Universitätsklinikum Hamburg-Eppendorf; Cardio-CARE AG The application has been assigned to **ART-EMIS Hamburg GmbH**

2021333225 Tarkett Inc.; Randall, Gregory; BERGHAUS, Ulrich; Hanuschik, Dirk; Morton-Finger, Jürgen The application has been assigned to **Tarkett Inc.**

2022

2022291641 Schneider Electric (Australia) Pty Limited The application has been assigned to **Schneider Electric Industries SAS**

Extensions of Time, Section 223

Applications Received

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

2008

2008281940 **Intuition Publishing Limited** An application to extend the time from 04 Jul 2022 to 04 Jun 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009

2009213089 **AL-KO International Pty Ltd** An application to extend the time from 14 Sep 2022 to 14 May 2023 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

2010

2010227107 **Delta Shelving Systems Pty Ltd** An application to extend the time from 12 Oct 2022 to 12 May 2023 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2010279678 **Chimerix, Inc.** An application to extend the time from 02 Aug 2019 to 02 Apr 2023 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2010313273 **Chimerix, Inc.** An application to extend the time from 29 Oct 2021 to 29 Mar 2023 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2015

2015403299 **Proteh Glasdeep Spółka Z Ograniczoną Odpowiedzialnością** An application to extend the time from 27 Jul 2022 to 27 Apr 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017260360 **SiteLock, LLC** An application to extend the time from 21 Oct 2022 to 21 May 2023 in which to pay the acceptance fee has been filed . Address for service - AJ PARK GPO Box 3898 Sydney NSW 2001 AU

2018

2018309614 **Dacosta, A.** An application to extend the time from 24 Jul 2022 to 24 Feb 2023 in which to pay a continuation fee has been filed . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2018309617 **Dacosta, A.** An application to extend the time from 24 Jul 2022 to 24 Feb 2023 in which to pay a continuation fee has been filed . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2018317931 **Stodulka, A.** An application to extend the time from 13 Aug 2022 to 13 May 2023 in which to pay a continuation fee has been filed . Address for service - andrea mario stodulka 99 tralee st Hume ACT 2620 AU

2019

2019101751 **Milwaukee Electric Tool Corporation** An application to extend the time from 18 Feb 2021 to 18 Mar 2023 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021

2021256467 **AIBERRY, INC.** An application to extend the time from 13 Nov 2022 to 13 May 2023 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023201897 **J. Ray McDermott, S.A.** An application to extend the time from 22 Dec 2022 to 22 Apr 2023 in which to make a further application for a divisional patent has been filed . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2013

2013318585 **Seldner, J.** The time in which to pay a renewal fee has been extended to 01 Mar 2023 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2017

2017252650 **West Virginia University Research Corporation** The time in which to pay a continuation fee has been extended to 19 May 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2018

2018297986 **Stoller Enterprises, Inc.** The time in which to pay a continuation fee has been extended to 02 Feb 2023 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2019

2019250656 **Visitsak, S.; Sridaranon, N.** The time in which to request examination has been extended to 17 May 2023 . Address for service - Sopa VISITSAK 8/74, Hawdon street Heidelberg Melbourne VIC 3084 AU

2019276372 **Sanofi; Evotec International GmbH** The time in which to request examination has been extended to 07 Jun 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020

2020244560 **Progressive IP Limited** The time in which to pay the acceptance fee has been extended to 15 Jan 2023 . Address for service - Antonia Luz Ines SIMS 15 Ashton Terrace Whanganui 4501 NZ

2020372988 **Amicus Therapeutics, Inc.** The time in which to enter the National Phase has been extended to 28 Feb 2023 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2021

2021201967 **Collectis** The time in which to pay a continuation fee has been extended to 13 Dec 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022100046 **BVN Architecture Pty Ltd** The time in which to pay a renewal fee has been extended to 28 Feb 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022100049 **Zimi Innovations Pty Ltd** The time in which to pay a renewal fee has been extended to 23 Feb 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022263614 **Tee, L.** The time in which to request examination has been extended to 28 Feb 2023 . Address for service - Lai King Tee 6 Low-anna Street Berwick VIC 3806 AU

Extensions of Time, Section 223

2023

2023200499 **Research Institute at Nationwide Children's Hospital** The time in which to comply with a direction under Reg 3.2A has been extended to 14 May 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2023200821 **Fable Holdings Pty Ltd** The time in which to request examination has been extended to 28 May 2023 . Address for service - Pearce IP Pty Ltd L5, 20 Bond Street Sydney NSW 2000 AU

2023200861 **Monsanto Technology LLC** The time in which to request examination has been extended to 28 May 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Section 223(1) Allowances

2018

2018420380 **Philipp, F.; Philipp, M.; Philipp, S.; Philipp, D.** The time in which to request examination has been extended to 26 Apr 2023

2023

2023203032 **FISHER & PAYKEL HEALTHCARE LIMITED** The time in which to make a further application for a divisional patent has been extended to 16 May 2023

2023203071 **Fisher and Paykel Healthcare Limited** The time in which to make a further application for a divisional patent has been extended to 16 May 2023

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.

2007

2007225044 Treatment of paroxysmal nocturnal hemoglobinuria patients by an inhibitor of complement **Alexion Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bell, Leonard; Rother, Russell P. and Evans, Mark J. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017354934 Controlling agricultural production areas **The Yield Technology Solutions Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Apr 2023 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018

2018205285 Polymorphic forms of RAD1901-2HCl **Radius Pharmaceuticals, Inc.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 11 May 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018299871 SUB-BAND SPATIAL AUDIO ENHANCEMENT **Boom-Cloud 360, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 May 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019

2019423049 Copper nanoclusters, thymine-modified hyaluronic acid and poly (copper nanoclusters), method for preparing the same, and application thereof **Shenzhen Profound View Pharmaceutical Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 May 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2020

2020101449 Improved Connector **Max Frank GmbH & Co. KG** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021

2021202549 COOKING DEVICE AND COMPONENTS THEREOF **SharkNinja Operating LLC** The nature of the amendment is as shown in the statement(s) filed 02 Feb 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021218036 Wellness data aggregator **Apple Inc.** The nature of the amendment is: Add inventor/s MISTRI, Afshad M.; DAVYDOV, Anton M.; MINJACK, Zachury; EDWARDS, Dylan Ross; BEBERG, Adam L.; PAHWA, Aroon; WEBER, Rebecca L.; NAG, Divya; LYNCH, Kevin; LYSIK, Stacey; NOVICK, Gregory; MARIC, Natalia; PITSCHER, Donald W.; GREER, Stephanie; BLAHNIK, Jay K. AND EUN, Christine . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021244693 Highly dense array of photovoltaic modules **Water-shed Solar, LLC** The nature of the amendment is as shown in the statement(s) filed 10 May 2023 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

Amendments Made

2014

2014343506 **Hypo-Stream Limited** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2023

2015

2015302930 **Genexine, Inc.** The nature of the amendment is as shown in the statement filed 06 Dec 2022

2016

2016248056 **Eisai R&D Management Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read MONIZ, George; SANDERS, Kristen; CHANDA, Arani; YOSHIDA, Kenshi; HAO, Ming-Hong; REYNOLDS, Dominic; PRAJAPATI, Sudeep; SELVARAJ, Anand; SATOH, Takashi and WANG, John

Amendments

2016304764 **ImaginAb, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2023

2016306713 **University of Tasmania** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2022

2017

2017244116 **ConvaTec Technologies Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Feb 2023

2018

2018223319 **CSIR** The nature of the amendment is: Application is to proceed under the number 2018102251

2018239498 **The University Court of the University of Edinburgh; The University Court of the University of Glasgow** The nature of the amendment is as shown in the statement(s) filed 05 May 2023

2018328102 **ExsoMed Corporation** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2023

2019

2019295776 **GE Nutrients, Inc.** The nature of the amendment is: Amend the name of the inventor to read JAGANNATHAN, V.T.; VENKATESH, Ramasamy Varadarajan and VEERAVALLI, Jith

2019327459 **Ecolab USA Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2023

2019431540 **Novamera Inc.** The nature of the amendment is: Amend the name of the inventor to read BUTT, Stephen Douglas; CRAMM, Allan R.; DE MOURA JUNIOR, Jeronimo and SAID, Mohammed Mokhtar Ebeid

2020

2020204102 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2023

2020256427 **RMH Tech LLC** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2023

2020266587 **EmendoBio Inc.** The nature of the amendment is: Amend the invention title to read Novel OMNI-50 CRISPR nuclease

2020281043 **President and Fellows of Harvard College** The nature of the amendment is as shown in the statement(s) filed 27 Apr 2023

2020341114 **Babraham Institute; VIB vzw; Katholieke Universiteit Leuven** The nature of the amendment is: Amend the name of the inventor to read HOLT, Matthew; LISTON, Adrian; DOOLEY, James; YSHII, Lydia and PASCIUTO, Emanuela

2020362763 **Haihe Biopharma Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read XIA, Lin; LI, Leping and YANG, Haoran

2020402752 **The United States of America, as represented by the Secretary, Department of Health and Human Services** The nature

Amendments

of the amendment is: Amend the name of the inventor to read FENG, Yang; ST. CROIX, Bradley and SEAMAN, Steven

2020470244 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read APPLICATION CONTEXT RELOCATION METHOD AND APPARATUS

2020478845 **mitsubishi electric corporation** The nature of the amendment is: Amend the invention title to read TURBOFAN AND AIR-CONDITIONING APPARATUS

2021

2021201321 **Allergan Pharmaceuticals International Limited** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2023

2021202215 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2021900934 30 Mar 2021 AU; 2021900732 14 Mar 2021 AU; 2020902071 22 Jun 2020 AU; 2020902146 26 Jun 2020 AU; 2020903375 21 Sep 2020 AU; 2020903487 28 Sep 2020 AU; 2020904085 09 Nov 2020 AU; 2020904630 11 Dec 2020 AU; 2020904776 21 Dec 2020 AU; 2021900153 25 Jan 2021 AU and 2021900281 07 Feb 2021 AU

2021204310 **Welspring Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107676

2021204398 **Levitation Sciences LLC** The nature of the amendment is as shown in the statement(s) filed 05 May 2023

2021218217 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2021901953 28 Jun 2021 AU and 2021901862 21 Jun 2021 AU; and add divisional 2021202215

2021232845 **Clark, J.** The nature of the amendment is: Amend the priority details to read 2021901953 28 Jun 2021 AU; 2021901862 21 Jun 2021 AU; 2021902885 06 Sep 2021 AU; 2021902872 05 Sep 2021 AU; 2021902928 09 Sep 2021 AU and 2021902946 12 Sep 2021 AU; and add divisional 2021202215

2021236587 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2021901953 28 Jun 2021 AU; 2021901862 21 Jun 2021 AU; 2021902885 06 Sep 2021 AU; 2021902872 05 Sep 2021 AU; 2021902928 09 Sep 2021 AU and 2021902946 12 Sep 2021 AU; and add divisional 2021202215

2021252607 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2021900281 07 Feb 2021 AU; 2021901862 21 Jun 2021 AU; 2021901953 28 Jun 2021 AU; 2021902885 06 Sep 2021 AU; 2021902872 05 Sep 2021 AU; 2021902928 09 Sep 2021 AU and 2021902946 12 Sep 2021 AU; and add divisional 2021202215

2021261831 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2021900642 08 Mar 2021 AU; 2021901862 21 Jun 2021 AU; 2021901953 28 Jun 2021 AU; 2021902885 06 Sep 2021 AU; 2021902872 05 Sep 2021 AU; 2021902928 09 Sep 2021 AU and 2021902946 12 Sep 2021 AU and add divisional 2021202215

2021286396 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2020904776 21 Dec 2020 AU; 2021904017 12 Dec 2021 AU; 2021901953 28 Jun 2021 AU;

Amendments

2021901862 21 Jun 2021 AU; 2021902885 06 Sep 2021 AU; 2021902872 05 Sep 2021 AU; 2021902928 09 Sep 2021 AU and 2021902946 12 Sep 2021 AU and add divisional 2021202215

2021345464 **Proteor USA, LLC** The nature of the amendment is: Amend the name of the inventor to read PARKER, Gene; SCOTT, James; WERNER, Brian; SMITH, Keith B.; NIXON, Kodi and LID-DIARD, Steven D.

2021355470 **ENCLEAR THERAPIES, INC.** The nature of the amendment is: Amend the name of the inventor to read RICCARDI, Gi-anna; SIOPEs, William X., Jr.; GLICKSMAN, Marcie; DEPASQUA, Anthony; KALISH, Kevin; VOSE, Joshua G. and PATEL, Rajan

2021356295 **GIRGIS INNOVATIONS PTY LTD** The nature of the amendment is: Amend the name of the inventor to read GIRGIS, Sherif and KHOURY, Edward Joseph

2021373475 **KOBAYASHI PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read Chemical body warmer

2021377712 **HANMI PHARM. CO., LTD.** The nature of the amendment is: Amend the invention title to read Use of therapeutic enzyme fusion protein in prevention and treatment of neuropathy caused by or accompanied by Fabry disease

2021378707 **HANMI PHARM. CO., LTD.** The nature of the amendment is: Amend the invention title to read Use of therapeutic enzyme fusion protein in prevention and treatment of renal diseases caused by or accompanied by Fabry disease

2021391427 **ITRON GLOBAL SARL** The nature of the amendment is: Amend the name of the inventor to read Jandaud, Pierre-Olivier; Zbidi, Soufiane; Lefaucheux, Clara; Masson, Jeremy; Meyer, Leo and Elattar, Abdel-Hakim

2021407690 **SHENZHEN SUNGENING BIO-MEDICAL CO., LTD.; CHENGDU HYPERWAY PHARMACEUTICALS CO., LTD.; SHENZHEN HYPERWAY PHARMACEUTICALS CO., LTD.** The nature of the amendment is: Amend the invention title to read A PYRROLE DERIVATIVE, ITS PREPARATION METHOD AND USE

2022

2022202704 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read 2021901953 28 Jun 2021 AU; 2021901862 21 Jun 2021 AU; 2021902885 06 Sep 2021 AU; 2021902872 05 Sep 2021 AU; 2021902928 09 Sep 2021 AU and 2021902946 12 Sep 2021 AU

2023

2023200792 **AgCoTech IP Pty Ltd** The nature of the amendment is: Amend the priority details to read 2022900305 14 Feb 2022 AU; and add divisional 2022201013

2023202646 **Cripps Clark, J.** The nature of the amendment is: Amend divisional priority to add 2022201926 and 2021202215

2023202790 **Wei, J.** The nature of the amendment is: Amend the priority details to read 202210645630.9 09 Jun 2022 CN

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

Amendments

2004

2004219901 CASAR Drahtseilwerk Saar GmbH The name of the patentee has been altered to **WIRECO Germany GmbH**

2004226849 THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
The name of the patentee has been altered to **THYSSENKRUPP INDUSTRIAL SOLUTIONS AG**

2006

2006303562 CASAR Drahtseilwerk Saar GmbH The name of the patentee has been altered to **WIRECO Germany GmbH**

2007

2007214087 THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
The name of the patentee has been altered to **THYSSENKRUPP INDUSTRIAL SOLUTIONS AG**

2008

2008226340 Hunter Immunology Limited The name of the patentee has been altered to **Hunter Immunology Pty Ltd**

2008253434 CASAR Drahtseilwerk Saar GmbH The name of the patentee has been altered to **WIRECO Germany GmbH**

2008280515 THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
The name of the patentee has been altered to **THYSSENKRUPP INDUSTRIAL SOLUTIONS AG**

2010

2010244197 PsiOxus Therapeutics Limited The name of the patentee has been altered to **Akamis Bio Limited**

2010292991 StraxCorp Pty Ltd The name of the patentee has been altered to **Curvebeam AI Limited**

2012

2012211055 SWT SPV LLC The name of the patentee has been altered to **Curonix LLC**

2012214002 CASAR Drahtseilwerk Saar GmbH The name of the patentee has been altered to **WIRECO Germany GmbH**

2012240239 SWT SPV LLC The name of the patentee has been altered to **Curonix LLC**

2012299710 Siemens Aktiengesellschaft; A-C Equipment Services, Corp; THYSSENKRUPP INDUSTRIAL SOLUTIONS AG The name of the patentee has been altered to **Siemens Aktiengesellschaft; THYSSENKRUPP INDUSTRIAL SOLUTIONS (USA), INC.; THYSSENKRUPP INDUSTRIAL SOLUTIONS AG**

2012308197 SWT SPV LLC The name of the patentee has been altered to **Curonix LLC**

2012357948 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2013

2013206251 CASAR Drahtseilwerk Saar GmbH The name of the patentee has been altered to **WIRECO Germany GmbH**

2013355223 SWT SPV LLC The name of the patentee has been altered to **Curonix LLC**

2014

2014236294 SWT SPV LLC The name of the patentee has been altered to **Curonix LLC**

2014280123 PsiOxus Therapeutics Limited The name of the patentee has been altered to **Akamis Bio Limited**

2014321129 StraxCorp Pty Ltd The name of the patentee has been altered to **Curvebeam AI Limited**

2015

2015203523 StraxCorp Pty Ltd The name of the patentee has been altered to **Curvebeam AI Limited**

2015259305 SWT SPV LLC The name of the patentee has been altered to **Curonix LLC**

2016

2016228279 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2016314782 StraxCorp Pty Ltd The name of the patentee has been altered to **Curvebeam AI Limited**

2016339876 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016401638 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017

2017200367 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2017207016 SWT SPV LLC The name of the patentee has been altered to **Curonix LLC**

2017225901 StraxCorp Pty Ltd The name of the patentee has been altered to **Curvebeam AI Limited**

2017327702 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2017327766 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017327994 UCL Business PLC The name of the applicant has been altered to **UCL Business Ltd**

Amendments

2017348626 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018

2018200612 StraxCorp Pty Ltd The name of the patentee has been altered to **Curvebeam AI Limited**

2018268228 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2018270156 Seattle Children's Hospital (DBA Seattle Children's Research Institute) The name of the applicant has been altered to **Seattle Children's Hospital d/b/a Seattle Children's Research Institute**

2018287147 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018287150 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018287163 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018287166 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018287167 Metso Minerals Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018351614 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2018375969 Metso Minerals Oy The name of the applicant has been altered to **Metso Outotec Finland Oy**

2018393127 Repro-Med Systems, Inc. The name of the patentee has been altered to **KORU Medical Systems, Inc.**

2019

2019215179 SWT SPV LLC The name of the applicant has been altered to **Curonix LLC**

2019225893 MedLite ID Inc. The name of the applicant has been altered to **Orion Innovations Inc**

2019226120 SKC Inc.; SK microworks Co., Ltd. The name of the patentee has been altered to **SK microworks America, Inc.; SK microworks Co., Ltd.**

2019289884 SatoSea Oncology GmbH The name of the applicant has been altered to **Ariceum Therapeutics GmbH**

2019289886 SatoSea Oncology GmbH The name of the applicant has been altered to **Ariceum Therapeutics GmbH**

2019302664 TF Tech Ventures The name of the patentee has been altered to **CURE PHARMACEUTICAL, INC.**

Amendments

2019303619 Sino Research Institute of Roll Forming Industry (Cao-feidian) Co., Ltd. The name of the patentee has been altered to **Sino Institute of Precise Tubes Industry (Guangzhou) Co.Ltd**

2019320723 Exxonmobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2019381843 DECIMADX, LLC The name of the applicant has been altered to **Decima Diagnostics, LLC.**

2019398785 Filtra Group Oy The name of the applicant has been altered to **Filtrabit Oy**

2020

2020201101 PsiOxus Therapeutics Limited The name of the patentee has been altered to **Akamis Bio Limited**

2020272667 DNA Twopointo Inc. The name of the applicant has been altered to **DNA TWOPOINTO INC.**

2020272668 DNA Twopointo Inc. The name of the applicant has been altered to **DNA TWOPOINTO INC.**

2020274339 DNA Twopointo Inc. The name of the applicant has been altered to **DNA TWOPOINTO INC.**

2020372604 SK microworks Co., Ltd.; SKC Inc. The name of the patentee has been altered to **SK microworks America, Inc.; SK microworks Co., Ltd.**

2020375502 SK microworks Co., Ltd.; SKC Inc. The name of the applicant has been altered to **SK microworks Co., Ltd.; SK microworks America, Inc.**

2020416292 TF Tech Ventures The name of the applicant has been altered to **CURE PHARMACEUTICAL, INC.**

2021

2021253753 Mellizyme Biotechnology Limited The name of the applicant has been altered to **Epoch Biodesign Ltd**

2021297793 TotalEnergies OneTech; University of California-Berkeley; Universite Libre De Bruxelles The name of the applicant has been altered to **TotalEnergies OneTech; The Regents of the University of California; Universite Libre De Bruxelles**

2021353503 DECIMADX, LLC The name of the applicant has been altered to **Decima Diagnostics, LLC**

2021356295 GIRGIS INNOVATIONS PTY LTD; Edward Joseph KHOURY The name of the applicant has been altered to **GIRGIS INNOVATIONS PTY LTD**

2021359309 LIFE READY PTY LTD The name of the applicant has been altered to **KEYCRYPT LABS PTY LTD**

2021364404 OLOGY BIOSERVICES, INC. The name of the applicant has been altered to **Resilience Government Services, Inc.**

Amendments

2022

2022902231 Lynamid Pty Ltd The name of the applicant has been altered to **Lynamid Limited**

2023

2023203022 10081886 Manitoba Ltd. The name of the applicant has been altered to **Thunderstruck Sales & Marketing Ltd.**

Applications Open to Public Inspection

Name Index

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

(71) 396419 B.C. Ltd.
 (11) AU-A-2023202548
 (21) 2023202548 (22) 27.04.2023
 (54) COMPOSITIONS AND METHODS FOR INHIBITING FACTOR D
 (51) Int. Cl.
C12N 15/115 (2010.01)
A61K 31/7088 (2006.01)
 (43) 01.06.2023
 (62) 2021202392
 (72) Erickson, Carl; Rusconi, Christopher P.; McLure, Kevin G.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Acer Incorporated
 (11) AU-A-2022268270
 (21) 2022268270 (22) 07.11.2022
 (54) DEVICE AND METHOD FOR HANDLING A RECOVERY OF A RADIO RESOURCE CONTROL CONNECTION OF A NON-TERRESTRIAL NETWORK
 (51) Int. Cl.
H04W 76/10 (2018.01)
H04W 76/27 (2018.01)
 (31) 63/278,516 (32) 12.11.21 (33) US 17/979,781 03.11.22 US
 (43) 01.06.2023
 (72) CHENG, Ching-Wen
 (74) Griffith Hack

Advanced Materials Institute, Shandong Academy of Sciences see Shandong Scicom Ecological Environment Research Institute Co., Ltd.
 (21) 2021290246

(71) Akron S.A.
 (11) AU-A-2022271380
 (21) 2022271380 (22) 14.11.2022
 (54) TRANSMISSION INSTALLATION APPLIED TO AN EXTRACTING MACHINE FOR MATERIAL STORED IN A SILAGE BAG
 (51) Int. Cl.
A01F 25/20 (2006.01)
B65G 65/46 (2006.01)
 (31) 20210103162 (32) 16.11.21 (33) AR
 (43) 01.06.2023
 (72) CARRIZO, Adrian
 (74) Baxter Patent Attorneys Pty Ltd

(71) Amicus Therapeutics Inc.
 (11) AU-A-2023202736
 (21) 2023202736 (22) 02.05.2023
 (54) ASSAYS FOR DIAGNOSING AND EVALUATING TREATMENT OPTIONS FOR FABRY DISEASE

(51) Int. Cl.
A61K 31/45 (2006.01)
A61K 9/08 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 13/12 (2006.01)
A61P 43/00 (2006.01)
C12N 9/40 (2006.01)
 (43) 01.06.2023
 (62) 2021201208
 (72) Lockhart, David; Castelli, Jeff
 (74) Dark IP

(71) Aquaterra Energy Limited
 (11) AU-A-2022271414
 (21) 2022271414 (22) 16.11.2022
 (54) An Improved Pipe Connection
 (51) Int. Cl.
E21B 17/046 (2006.01)
F16L 21/02 (2006.01)
 (31) GB2116500.6 (32) 16.11.21 (33) GB
 (43) 01.06.2023
 (72) Ward, Martin; Potts, Andrew
 (74) Argon IP Advisory Pty Ltd

(71) Ardelyx, Inc.
 (11) AU-A-2023203009
 (21) 2023203009 (22) 15.05.2023
 (54) Glycyrrhetic acid derivatives for treating hyperkalemia
 (51) Int. Cl.
C07J 63/00 (2006.01)
A61K 31/575 (2006.01)
A61P 5/44 (2006.01)
 (43) 01.06.2023
 (62) 2018335130
 (72) LUEHR, Gary; DRAGOLI, Dean; LEAD-BETTER, Michael; CHEN, Tao; LEWIS, Jason
 (74) Davies Collison Cave Pty Ltd

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2022271445
 (21) 2022271445 (22) 17.11.2022
 (54) PERSISTENT COLLECTION FEATURE SYSTEMS AND METHODS
 (51) Int. Cl.
G07F 17/32 (2006.01)
G07F 17/34 (2006.01)
 (31) 17/822,747 (32) 26.08.22 (33) US 63/280,442 17.11.21 US
 (43) 01.06.2023
 (72) WARMS, Nathan; MIZZI, Jennifer; DECASA Jr., Rogelio; SANBORN, Hanna; SMITH, Zachary; CHING, Erick; WALSH, Kevin
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023202942
 (21) 2023202942 (22) 11.05.2023
 (54) A GAMING SYSTEM
 (51) Int. Cl.
A63F 13/42 (2014.01)
 (43) 01.06.2023
 (62) 2021202443
 (72) JONES, Michael Ian; OLDFIELD, Lynne Cheryl
 (74) Griffith Hack

(71) ATI Properties LLC
 (11) AU-A-2023202953
 (21) 2023202953 (22) 11.05.2023
 (54) High Strength Titanium Alloys
 (51) Int. Cl.
C22C 14/00 (2006.01)
C22F 1/18 (2006.01)
 (43) 01.06.2023
 (62) 2021229130
 (72) GARCIA-AVILA, Matias; MANTIONE, John V.; ARNOLD, Matthew J.
 (74) K&L Gates

(71) BASF SE
 (11) AU-A-2023202412
 (21) 2023202412 (22) 19.04.2023
 (54) Herbicidal phenylethers
 (51) Int. Cl.
C07D 487/04 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/82 (2006.01)
A01N 43/90 (2006.01)
C07D 213/69 (2006.01)
C07D 239/54 (2006.01)
C07D 401/12 (2006.01)
C07D 513/04 (2006.01)
 (43) 01.06.2023
 (62) 2018373532
 (72) WITSCHHEL, Matthias; SOUILLART, Laetitia; SEISER, Tobias; NEWTON, Trevor William; PARRA RAPADO, Liliانا; MASSA, Dario; APONTE, Raphael; MIETZNER, Thomas; SEITZ, Thomas
 (74) Griffith Hack

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2022263583
 (21) 2022263583 (22) 04.11.2022
 (54) Communication method, related computing system and storage medium
 (51) Int. Cl.
G06F 13/14 (2006.01)
H04L 12/40 (2006.01)
 (31) 202111349680.4 (32) 15.11.21 (33) CN

Applications Open to Public Inspection - Name Index cont'd

(43) 01.06.2023
(72) GONG, Yifan; JIN, Jiangming
(74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2022263616
(21) 2022263616 (22) 07.11.2022
(54) Service discovery method and apparatus, computing device, and storage medium
(51) Int. Cl.
H04W 12/08 (2021.01)
G05D 1/00 (2006.01)
G06F 15/00 (2006.01)
H04L 67/1061 (2022.01)
H04W 12/00 (2021.01)
(31) 202111370479.4 (32) 18.11.21 (33) CN
(43) 01.06.2023
(72) GONG, Yifan; JIN, Jiangming
(74) FB Rice Pty Ltd

(71) Biodiversity Australia
(11) AU-A-2021269363
(21) 2021269363 (22) 17.11.2021
(54) Dashboard and Reporting Workflow ArcGIS Technology Concepts
(51) Int. Cl.
G06F 16/248 (2019.01)
G06F 16/26 (2019.01)
G06Q 10/06 (2012.01)
G06Q 10/08 (2012.01)
G06Q 50/26 (2012.01)
(43) 01.06.2023
(72) Noy, Steve
(74) NOY PTY LTD

(71) BISSELL Inc.
(11) AU-A-2022271420
(21) 2022271420 (22) 16.11.2022
(54) Handheld extraction cleaner
(51) Int. Cl.
A47L 11/26 (2006.01)
A47L 5/24 (2006.01)
A47L 7/00 (2006.01)
A47L 9/02 (2006.01)
A47L 9/32 (2006.01)
A47L 11/30 (2006.01)
A47L 11/40 (2006.01)
(31) 63/280,176 (32) 17.11.21 (33) US
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(74) Griffith Hack

(71) Blackhawk Network, Inc.
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(21) 2023202988 (22) 12.05.2023
(54) A system for packaging, processing, activating, and deactivating multiple individual transaction cards as a singular unit
(51) Int. Cl.
G06K 5/00 (2006.01)
G06Q 40/00 (2023.01)
H04L 9/10 (2006.01)

(43) 01.06.2023
(62) 2021201577
(72) Shirsekar, Sarjay; Singh, Lalit
(74) Davies Collison Cave Pty Ltd

(71) Cantor G&W (Nevada), L.P.
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(21) 2023203014 (22) 15.05.2023
(54) MAHJONG ROULETTE GAMING SYSTEM AND METHOD
(51) Int. Cl.
A63F 5/02 (2006.01)
(43) 01.06.2023
(62) 2021201610
(72) Fisher, Donald; Langtim, Melissa; Krich, Douglas; Garmann, Darlene Marie; Miller, William Patrick; Foote, Stephen
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Canva Pty Ltd
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(54) Systems and methods for generating webpage data for rendering a design
(51) Int. Cl.
G06F 16/958 (2019.01)
G06F 16/957 (2019.01)
G06F 40/103 (2020.01)
G06F 40/186 (2020.01)
G06T 11/60 (2006.01)
(31) 2021903677 (32) 16.11.21 (33) AU
(43) 01.06.2023
(72) Barker, Nicholas Anthony; Wong, Camellia; Morris, Benjamin James; Copley, David Nicholas
(74) FPA Patent Attorneys Pty Ltd

(71) Case Western Reserve University
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(54) Intravertebral Direct Current Block of Spinal Transmission of Neural Signals
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/04 (2006.01)
A61N 1/30 (2006.01)
A61N 1/36 (2006.01)
(43) 01.06.2023
(62) 2019351023
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(71) City of Hope
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(51) Int. Cl.
A01N 63/00 (2020.01)
C12N 5/07 (2010.01)

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(72) BROWN, Christine E.; FORMAN, Stephen J.
(74) WRAYS PTY LTD

(71) CNH Industrial America LLC
(11) AU-A-2023202947
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(54) Removable panel on an autonomous work vehicle
(51) Int. Cl.
B62D 25/24 (2006.01)
A01B 69/00 (2006.01)
(43) 01.06.2023
(62) 2017203878
(72) Jackson, Dwayne St. George
(74) Griffith Hack

(71) Cypher Medical LLC
(11) AU-A-2023202841
(21) 2023202841 (22) 08.05.2023
(54) Method of estimating blood volume
(51) Int. Cl.
A61B 5/157 (2006.01)
A61J 1/05 (2006.01)
A61M 1/00 (2006.01)
(43) 01.06.2023
(62) 2021202287
(72) Carew, Christopher; Ling, Jian; Duprier III, Harold T.
(74) Dark IP

(71) Daon Technology
(11) AU-A-2022268272
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(54) METHODS AND SYSTEMS FOR TRAINING A MACHINE LEARNING MODEL AND AUTHENTICATING A USER WITH THE MODEL
(51) Int. Cl.
G10L 17/06 (2013.01)
G06N 20/20 (2019.01)
(31) 17/529,344 (32) 18.11.21 (33) US
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(72) BLOUET, Raphael; MANTECON, Ana
(74) Wallington-Dummer

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(21) 2023202981

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(21) 2022252780 (22) 13.10.2022
(54) A seeding row unit having a primary actuator to adjust depth and to raise and lower the seeding row unit
(51) Int. Cl.
A01C 7/20 (2006.01)
(31) 17/526,267 (32) 15.11.21 (33) US
(43) 01.06.2023
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 (21) 2022252812 (22) 14.10.2022
 (54) Adjustable billet deflector
 (51) Int. Cl.
A01D 45/10 (2006.01)
 (31) 17/527,774 (32) 16.11.21 (33) US
 (43) 01.06.2023
 (72) Cazenave, Blain J.; Mixon, Dusk S.;
 Dighton, John A.
 (74) Davies Collison Cave Pty Ltd

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 (21) 2022200206

(71) Dexcom, Inc.
 (11) AU-A-2023202976
 (21) 2023202976 (22) 12.05.2023
 (54) System and method for mode switching
 (51) Int. Cl.
A61B 5/145 (2006.01)
 (43) 01.06.2023
 (62) 2021203385
 (72) Given, Not
 (74) FB Rice Pty Ltd

(71) Disney Enterprises, Inc.; ETH Zürich
 (Eidgenössische Technische Hoch-
 schule Zürich)
 (11) AU-A-2022263508
 (21) 2022263508 (22) 02.11.2022
 (54) Synthesizing sequences of 3D geomet-
 ries for movement-based performance
 (51) Int. Cl.
G06T 13/40 (2011.01)
G06N 3/02 (2006.01)
 (31) 17/526,608 (32) 15.11.21 (33) US
 (43) 01.06.2023
 (72) Bradley, Derek Edward; Chandran,
 Prashanth; Urnau Gotardo, Paulo Fabi-
 ano; Zoss, Gaspard
 (74) FPA Patent Attorneys Pty Ltd

(71) Disney Enterprises, Inc.; ETH Zürich
 (Eidgenössische Technische Hoch-
 schule Zürich)
 (11) AU-A-2022271399
 (21) 2022271399 (22) 15.11.2022
 (54) Techniques for multi-view neural object
 modeling
 (51) Int. Cl.
G06T 11/00 (2006.01)
G06T 3/00 (2006.01)
G06T 7/60 (2017.01)
 (31) 63/280,101 (32) 16.11.21 (33) US
 17/983,246 08.11.22 US
 (43) 01.06.2023
 (72) Bradley, Derek Edward; Chandran,
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 ano; Wang, Daoye; Zoss, Gaspard
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2023202933
 (21) 2023202933 (22) 11.05.2023
 (54) Crotch buckle adjustment mechanism

(51) Int. Cl.
B60N 2/26 (2006.01)
 (43) 01.06.2023
 (62) 2018201438
 (72) Tat, Kim; Tanner, Alan; Purchas, Mark
 (74) FPA Patent Attorneys Pty Ltd

(71) Dynapower Company LLC
 (11) AU-A-2023202994
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 (54) DC/DC Converter and Control Thereof
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H02M 3/158 (2006.01)
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 (74) Adams Pluck

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 (54) PEMETREXED FORMULATIONS
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/10 (2017.01)
A61P 35/00 (2006.01)
 (43) 01.06.2023
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 (72) Chen, Feng-Jing; Krill, Steven L.
 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) Eisai R & D Management Co., Ltd.;
 President and Fellows of Harvard Col-
 lege
 (11) AU-A-2023203013
 (21) 2023203013 (22) 15.05.2023
 (54) Synthesis of halichondrins
 (51) Int. Cl.
C07D 493/22 (2006.01)
 (43) 01.06.2023
 (62) 2018297305
 (72) KISHI, Yoshito; AI, Yanran; YE, Ning;
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 Kentaro; NAINI, Santhosh Reddy;
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 OHASHI, Isao; FUKUYAMA, Takashi
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(71) Eli Lilly and Company
 (11) AU-A-2023202982
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 (54) Injection system
 (51) Int. Cl.
A61M 5/20 (2006.01)
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 (43) 01.06.2023
 (62) 2020241335
 (72) ATTERBURY, William Godwin; DEN-
 NIS Jr., Joseph Daniel; KELLEY, Bri-
 an Charles; LAFEVER, Mark; MAD-

LAND, Steven Michael; SNOW, Andrew
 Thomas; YOUNG, Jessica Diane
 (74) Spruson & Ferguson

(71) Enterobiome Inc.
 (11) AU-A-2022202054
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 (54) Medium composition for culturing
 Faecalibacterium prausnitzii strain
 (51) Int. Cl.
C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
 (31) 10-2021-0159492 (32) 18.11.21 (33) KR
 (43) 01.06.2023
 (72) SEO, Jae Gu; LEE, Do Kyung
 (74) James & Wells Intellectual Property

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 Hochschule Zürich) see Disney Enter-
 prises, Inc.
 (21) 2022263508

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 Hochschule Zürich) see Disney Enter-
 prises, Inc.
 (21) 2022271399

(71) Face International Corporation
 (11) AU-A-2023202983
 (21) 2023202983 (22) 12.05.2023
 (54) METHODS FOR FABRICATION, MAN-
 UFACTURE AND PRODUCTION OF
 AN AUTONOMOUS ELECTRICAL
 POWER SOURCE
 (51) Int. Cl.
H01J 45/00 (2006.01)
 (43) 01.06.2023
 (62) 2017407989
 (72) Boyd, Clark D.
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2023202987
 (21) 2023202987 (22) 12.05.2023
 (54) AUTONOMOUS ELECTRICAL
 POWER SOURCES
 (51) Int. Cl.
H01L 33/04 (2010.01)
H01L 31/00 (2006.01)
 (43) 01.06.2023
 (62) 2017407988
 (72) Boyd, Clark D.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023201917
 (21) 2023201917 (22) 29.03.2023
 (54) THERMISTOR FLOW SENSOR HAV-
 ING MULTIPLE TEMPERATURE
 POINTS
 (51) Int. Cl.
A61M 16/00 (2006.01)

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 (72) Burgess, Russel William; Huang, Houde
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
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 (54) AN INTEGRATED SENSOR ASSEMBLY OF A RESPIRATORY THERAPY SYSTEM
 (51) Int. Cl.
 A61M 16/00 (2006.01)
 G01F 1/34 (2006.01)
 G01F 1/36 (2006.01)
 G01F 1/37 (2006.01)
 G01F 1/42 (2006.01)

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 (72) HAMILTON, Mark Samuel; GRIMMER, Alan John; KURIGER, Donald Roy
 (74) AJ PARK

(71) Fisher and Paykel Healthcare Limited
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 (54) Adaptors and usability features for respiratory assistance systems
 (51) Int. Cl.
 A61M 16/08 (2006.01)
 A61M 16/16 (2006.01)

(43) 01.06.2023
 (62) 2021203206
 (72) Stanton, James William; Osborne, Hamish Adrian; Bell, Suzanne Marie; Smith, Graeme Matthew
 (74) AJ PARK

(71) FMC CORPORATION
 (11) AU-A-2023202975
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 (54) PYRROLIDINONES AS HERBICIDES
 (51) Int. Cl.
 C07D 207/277 (2006.01)
 A01N 43/36 (2006.01)
 A01N 43/40 (2006.01)
 A01N 43/48 (2006.01)
 A01N 43/50 (2006.01)
 A01N 43/76 (2006.01)
 C07D 401/04 (2006.01)
 C07D 401/12 (2006.01)
 C07D 403/04 (2006.01)
 C07D 403/12 (2006.01)
 C07D 407/04 (2006.01)
 C07D 407/12 (2006.01)
 C07D 409/04 (2006.01)
 C07D 413/12 (2006.01)
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(43) 01.06.2023
 (62) 2021201084
 (72) SATTERFIELD, Andrew Duncan; SELBY, Thomas Paul; TRAVIS, David Andrew; PATEL, Kanu Maganbhai; TAGGI, Andrew Edmund
 (74) Oxygene IP

(71) Freedom Foods Group Limited
 (11) AU-A-2021269327
 (21) 2021269327 (22) 16.11.2021
 (54) A METHOD FOR PRODUCING A LACTOFERRIN POWDER AND USES THEREOF
 (51) Int. Cl.
 C07K 14/79 (2006.01)
 A23J 1/20 (2006.01)
 A23L 33/19 (2016.01)
 A61K 38/40 (2006.01)
 A61P 31/14 (2006.01)
 C07K 1/18 (2006.01)
 C07K 1/34 (2006.01)
 A61K 38/00 (2006.01)

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 (72) Moses, Tim; Baldi, Frank; Kukuljan, Sonja; Dickins, Tom; Enjapoori, Ashwantha; Trazzera, Bruno; Banning, Christopher; Bartlett, Nathan; Esneau, Camille Anne-Genevieve
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Fujitsu Limited
 (11) AU-A-2022204727
 (21) 2022204727 (22) 30.06.2022
 (54) Non-transitory computer-readable recording medium and display method
 (51) Int. Cl.
 G06T 7/292 (2017.01)
 G06F 3/01 (2006.01)
 G06Q 50/26 (2012.01)
 G06V 20/40 (2022.01)
 H04N 7/18 (2006.01)
 (31) 2021-186055 (32) 16.11.21 (33) JP
 (43) 01.06.2023
 (72) TANAKA, Ritsuko; ISHIKAWA, Tomokazu
 (74) Spruson & Ferguson

(71) Gentex Corporation
 (11) AU-A-2023203004
 (21) 2023203004 (22) 15.05.2023
 (54) Helmet accessory mounting system
 (51) Int. Cl.
 A42B 3/04 (2006.01)
 A42B 3/30 (2006.01)
 (43) 01.06.2023
 (62) 2020278782
 (72) FRANZINO, Michael Lawrence; BOURQUE, Stephen; JAMES, Scott W.; BERRY, Daniel; BARBER, Ross Fade; BRUTLER, Zoltan S.
 (74) Spruson & Ferguson

(71) Gogigit, LLC
 (11) AU-A-2022263551
 (21) 2022263551 (22) 03.11.2022
 (54) Digital imaging production management devices and processes
 (51) Int. Cl.
 G06F 21/62 (2013.01)
 G06Q 10/08 (2012.01)
 G06Q 20/02 (2012.01)
 G06Q 30/06 (2012.01)
 G06Q 50/10 (2012.01)
 (31) 17/528,458 (32) 17.11.21 (33) US

(43) 01.06.2023
 (72) XU, Ming
 (74) Spruson & Ferguson

(71) Google LLC
 (11) AU-A-2023202870
 (21) 2023202870 (22) 09.05.2023
 (54) OBLIVIOUS CARRY RUNWAY REGISTERS FOR PERFORMING PIECEWISE ADDITIONS
 (51) Int. Cl.
 G06N 10/00 (2022.01)
 (43) 01.06.2023
 (62) 2020253340
 (72) GIDNEY, Craig
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Google LLC
 (11) AU-A-2023202949
 (21) 2023202949 (22) 11.05.2023
 (54) TWO-PASS END TO END SPEECH RECOGNITION
 (51) Int. Cl.
 G10L 15/16 (2006.01)
 G06N 3/04 (2023.01)
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 (62) 2020288565
 (72) SAINATH, Tara C.; PANG, Ruoming; RYBACH, David; HE, Yanzhang; PRABHAVALKAR, Rohit; LI, Wei; VLSONTAI, Mirkó; LIANG, Qiao; STROHMANN, Trevor; WU, Yonghui; MCGRAW, Ian C.; CHIU, Chung-Cheng
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2022259831

(71) HeadStart Medical Ltd
 (11) AU-A-2023202961
 (21) 2023202961 (22) 12.05.2023
 (54) System and Method for Preparing Hollow Core Cranial Remodeling Orthoses
 (51) Int. Cl.
 A61F 5/058 (2006.01)
 A61B 5/107 (2006.01)
 B29C 64/153 (2017.01)
 G16H 10/00 (2018.01)
 (43) 01.06.2023
 (62) 2021215267
 (72) Goodnough, Jason Shane
 (74) James & Wells Intellectual Property

(71) Heiniger Limited
 (11) AU-A-2022256227
 (21) 2022256227 (22) 21.10.2022
 (54) Apparatus for storing and dispensing shearing cutters
 (51) Int. Cl.
 B26B 19/38 (2006.01)
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 (31) 2021903642 (32) 12.11.21 (33) AU

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(72) Williams, Selwyn
(74) WRAYS PTY LTD

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(71) Huawei Technologies Co., Ltd.
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(21) 2023202927 (22) 11.05.2023
(54) SEPARATE MERGE LIST FOR
SUBBLOCK MERGE CANDIDATES
AND INTRA-INTER TECHNIQUES
HARMONIZATION FOR VIDEO COD-
ING

(51) Int. Cl.
H04N 19/103 (2014.01)

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(62) 2019368125

(72) Chernyak, Roman Igorevich; Solovyev,
Timofey Mikhailovich; Ikonin, Sergey
Yurievich; Karabutov, Alexander Alex-
androvich; Chen, Jianle

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.

(11) AU-A-2023202986
(21) 2023202986 (22) 12.05.2023

(54) METHOD AND APPARATUS FOR IN-
TRA PREDICTION

(51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/119 (2014.01)

(43) 01.06.2023
(62) 2019286133

(72) Filippov, Alexey Konstantinovich; Ruffit-
skiy, Vasily Alexeevich; Chen, Jianle

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hunter Douglas, Inc.

(11) AU-A-2023203029
(21) 2023203029 (22) 15.05.2023

(54) Operating system for a covering for an
architectural opening

(51) Int. Cl.
A47H 5/00 (2006.01)
E04F 10/06 (2006.01)

(43) 01.06.2023
(62) 2021200626

(72) SMITH, Stephen P.
(74) Spruson & Ferguson

(71) ImmunoGen, Inc.

(11) AU-A-2023201965
(21) 2023201965 (22) 30.03.2023

(54) Antibodies and assays for detection of
folate receptor 1

(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)

(43) 01.06.2023
(62) 2020203507

(72) Ab, Olga; Tavares, Daniel; Setiady,
Julianto; Ladd, Sharron; Carrigan,
Christina N.; Rui, Lingyun

(74) Spruson & Ferguson

(71) Insitu, Inc. (a subsidiary of The Boeing
Company)

(11) AU-A-2022204748
(21) 2022204748 (22) 01.07.2022

(54) Route planning for a ground vehicle
through unfamiliar terrain

(51) Int. Cl.
G05D 1/02 (2020.01)
G01C 21/30 (2006.01)
G01C 21/34 (2006.01)
G01S 17/89 (2020.01)
G08G 1/0968 (2006.01)

(31) 17/454,632 (32) 12.11.21 (33) US
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(72) ARMSTRONG, Kalani A.; LAN-
CASTER, Andrew P.

(74) Spruson & Ferguson

(71) Internal Machinery Solutions Ltd.

(11) AU-A-2021277650
(21) 2021277650 (22) 30.11.2021

(54) Guide dresser, cutter heads and meth-
ods of use thereof

(51) Int. Cl.
B23C 3/00 (2006.01)
B23C 9/00 (2006.01)

(31) 17/528,804 (32) 17.11.21 (33) US
(43) 01.06.2023

(72) STROUD, Gary; BERGERON, Vincent

(74) Spruson & Ferguson

(71) Intuit Inc.

(11) AU-A-2023202935
(21) 2023202935 (22) 11.05.2023

(54) Composite machine-learning system for
label prediction and training data collec-
tion

(51) Int. Cl.
G06Q 40/00 (2023.01)
G06Q 30/04 (2012.01)
G06N 99/00 (2019.01)

(43) 01.06.2023

(62) 2021203406
(72) Hsiao, Yu-Chung; Pei, Lei; Chen,
Meng; Ho, Nhung

(74) Davies Collison Cave Pty Ltd

(71) James, A.

(11) AU-A-2021269273
(21) 2021269273 (22) 15.11.2021

(54) AN EARTHMOVING MACHINE

(51) Int. Cl.
E02F 9/20 (2006.01)
E02F 3/34 (2006.01)
E02F 3/40 (2006.01)
G05D 1/00 (2006.01)

(43) 01.06.2023

(72) James, Allan
(74) IP GATEWAY PATENT & TRADE
MARK ATTORNEYS PTY LTD

(71) Karsten Manufacturing Corporation

(11) AU-A-2023202984
(21) 2023202984 (22) 12.05.2023

(54) Sub-assembly for a golf bag and a golf
bag system for recipient self-assembly

(51) Int. Cl.
A63B 55/10 (2006.01)
A63B 55/50 (2015.01)
A63B 55/53 (2015.01)
A63B 55/57 (2015.01)

(43) 01.06.2023

(62) 2022203270
(72) Martell, James; Loudenslager, John;
McGuire, Brian; Bruce, Ryan; Higdon,
David

(74) Davies Collison Cave Pty Ltd

(71) Kimberly-Clark Worldwide, Inc.

(11) AU-A-2023202989
(21) 2023202989 (22) 12.05.2023

(54) System and method for alerting attend-
ants regarding service area dispenser
refill needs

(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/04 (2023.01)

(43) 01.06.2023
(62) 2016412624

(72) WILLIAMS, Frederick J.; GHAZI, Babak
R.; BECKER, Stephen

(74) Spruson & Ferguson

(71) Koppers Performance Chemicals, Inc.

(11) AU-A-2022259776
(21) 2022259776 (22) 26.10.2022

(54) A method for treating a wood substrate

(51) Int. Cl.
B27K 3/22 (2006.01)
B27K 3/36 (2006.01)

(31) 17/526,526 (32) 15.11.21 (33) US
(43) 01.06.2023

(72) ZHANG, Jun; THAM, Peter; WILSON,
Craig

(74) MINTER ELLISON

(71) L'Air Liquide, Société Anonyme pour
l'Etude et l'Exploitation des Procédés
Georges Claude

(11) AU-A-2022263555
(21) 2022263555 (22) 04.11.2022

(54) COOLING FRAGMENTED MATERIAL
BEFORE MILLING

(51) Int. Cl.
B29B 17/04 (2006.01)
B02C 19/18 (2006.01)
F25D 3/11 (2006.01)

(31) EP21208287.9 (32) 15.11.21 (33) EP
(43) 01.06.2023

(72) Dirk, Meyer
(74) PHILLIPS ORMONDE FITZPATRICK

(71) LG Electronics Inc.

(11) AU-A-2022271444
(21) 2022271444 (22) 17.11.2022

(54) Dishwasher

(51) Int. Cl.
A47L 15/48 (2006.01)

(31) 10-2021-0159661 (32) 18.11.21 (33) KR
10-2022-0028085 22.04.22 KR

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(72) KIM, Sung Sik
(74) FB Rice Pty Ltd

(71) LG Electronics Inc.
(11) AU-A-2022271452
(21) 2022271452 (22) 17.11.2022
(54) Dishwasher
(51) Int. Cl.
A47L 15/48 (2006.01)
(31) 10-2021-0159660 (32) 18.11.21 (33) KR
10-2021-0159663 18.11.21 KR
(43) 01.06.2023
(72) KIM, Sung Sik; KIM, Doo Hyun; KIM,
Jeong In; BAEK, In Woo
(74) FB Rice Pty Ltd

(71) LG Electronics Inc.
(11) AU-A-2023202968
(21) 2023202968 (22) 12.05.2023
(54) Stack-type laundry treating apparatus
(51) Int. Cl.
D06F 29/00 (2006.01)
D06F 37/04 (2006.01)
D06F 37/22 (2006.01)
D06F 39/12 (2006.01)
(43) 01.06.2023
(62) 2021201454
(72) Kwon, Daehan; Jin, Donghyun; Cho,
Sangho
(74) Dentons Patent Attorneys Australasia
Limited

(71) LG ELECTRONICS INC.
(11) AU-A-2022271422
(21) 2022271422 (22) 16.11.2022
(54) Home Appliance
(51) Int. Cl.
F21V 33/00 (2006.01)
A47B 96/20 (2006.01)
A47L 15/42 (2006.01)
F25D 23/02 (2006.01)
(31) 10-2021-0157921 (32) 16.11.21 (33) KR
(43) 01.06.2023
(72) Han, Doyoun; Jung, Hyesun; Park,
Jaesung
(74) Dentons Patent Attorneys Australasia
Limited

(71) Maor, M.
(11) AU-A-2022271370
(21) 2022271370 (22) 14.11.2022
(54) Timer
(51) Int. Cl.
A61J 7/04 (2006.01)
G04F 1/00 (2006.01)
(31) 2021903679 (32) 16.11.21 (33) AU
(43) 01.06.2023
(72) Maor, Moshe; Khoury, Edward Joseph
(74) Armour IP

(71) masoiumian Zavareh, a.; Mokhtarian,
S.
(11) AU-A-2021269316
(21) 2021269316 (22) 16.11.2021

(54) Imagine you can log onto your app,
pick a shopping centre of your choice
in an area and see how many "CYBER-
SHOPPERS" are currently working or
"online" at that time. you can choose
your assistant shopper specifically or
pick to randomly and chat with your as-
sistant ask for specific items, shops or
even have them look for a certain type
of clothing for instance shopper says "
I have a wedding tonight I need a nice
plain black button up top" shopper will
try to assist to find your item and they
can send photos or videos, confirm
sizes etc.
(51) Int. Cl.
G06Q 30/06 (2012.01)
(43) 01.06.2023
(72) Zavareh , Aryan Masoiumian; Mokhtari-
an, Suman
(74) aryan masoiumian Zavareh

(71) Maxeon Solar Pte. Ltd.
(11) AU-A-2023202925
(21) 2023202925 (22) 11.05.2023
(54) Folding photovoltaic panel
(51) Int. Cl.
H02S 40/36 (2014.01)
H01L 31/048 (2014.01)
H01L 31/05 (2014.01)
H02S 40/34 (2014.01)
(43) 01.06.2023
(62) 2018265262
(72) Okawa, David; Kapla, John Paul;
Wares, Brian; Mackler, Laurence B.;
Lance, Tamir; Reagan, Ryan; Keller, Al-
exander F.; Iwasaka, Hikaru; Bunea,
Gabriela
(74) Southern Cross Intellectual Property

(71) Medtronic, Inc.
(11) AU-A-2022268268
(21) 2022268268 (22) 07.11.2022
(54) Therapy programming based on
evoked compound action potentials
(51) Int. Cl.
A61N 1/36 (2006.01)
(31) 63/280,976 (32) 18.11.21 (33) US
18/049,971 26.10.22 US
(43) 01.06.2023
(72) SCHMELING, Andrew; DINSMOOR,
David; BINK, Hank; HAGEMAN, Kristin;
MIRON, Rebecca; EDWARDS, Chris-
topher; SIMONS, David; TANDON,
Nikita; BORNHOFT, Reid
(74) FB Rice Pty Ltd

(71) Medtronic, Inc.
(11) AU-A-2022271415
(21) 2022271415 (22) 16.11.2022
(54) Therapy programming based on
evoked compound action potentials
(51) Int. Cl.
A61N 1/36 (2006.01)
(31) 63/280,967 (32) 18.11.21 (33) US
18/049,960 26.10.22 US

(43) 01.06.2023
(72) Schmeling, Andrew L.; Miron, Rebecca
A.; Edwards, Christopher; Simons, Dav-
id; Tandon, Nikita; Bornhoft, Reid K.
(74) FB Rice Pty Ltd

(71) Memorial Sloan Kettering Cancer Cen-
ter
(11) AU-A-2023201564
(21) 2023201564 (22) 14.03.2023
(54) IMMUNOGENIC WT-1 PEPTIDES AND
METHODS OF USE THEREOF
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/38 (2006.01)
(43) 01.06.2023
(62) 2020250313
(72) Scheinberg, David A.; Dao, Tao
(74) Griffith Hack

(71) Meso Scale Technologies, LLC
(11) AU-A-2023202957
(21) 2023202957 (22) 12.05.2023
(54) CONSUMABLE DATA MANAGEMENT
(51) Int. Cl.
G16H 40/40 (2018.01)
(43) 01.06.2023
(62) 2021201417
(72) Cong, Xinri; Jackson, Jerome; Stevens,
Carl; Vock, Michael; Wohlstadter, Jacob
N.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Mitsubishi Heavy Industries Thermal
Systems, Ltd.
(11) AU-A-2022271372
(21) 2022271372 (22) 14.11.2022
(54) HEAT EXCHANGER FIXING PLATE,
HEAT EXCHANGER AND INDOOR
UNIT
(51) Int. Cl.
F24F 1/0059 (2019.01)
F24F 13/30 (2006.01)
(31) 2021-185757 (32) 15.11.21 (33) JP
(43) 01.06.2023
(72) Hisamatsu, Shion; Kanamori, Azusa;
Mitoma, Keisuke; Yamaguchi, Tomo-
mitsu; Mori, Yuji; Doi, Yusuke
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Mitsubishi Heavy Industries Thermal
Systems, Ltd.
(11) AU-A-2022271410
(21) 2022271410 (22) 16.11.2022
(54) INDOOR UNIT
(51) Int. Cl.
F24F 13/20 (2006.01)
H01R 13/00 (2006.01)
(31) 2021-187983 (32) 18.11.21 (33) JP
(43) 01.06.2023
(72) Hisamatsu, Shion; Kanamori, Azusa;
Mitoma, Keisuke; Yamaguchi, Tomo-
mitsu; Mori, Yuji; Doi, Yusuke
(74) PHILLIPS ORMONDE FITZPATRICK

Mokhtarian, S. see masoiumian Zavareh, a.

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(71) Monash University

(11) AU-A-2023202974

(21) 2023202974 (22) 12.05.2023

(54) Lymph directing prodrugs

(51) Int. Cl.

C07C 219/08 (2006.01)

A61K 31/165 (2006.01)

A61K 31/222 (2006.01)

A61K 31/27 (2006.01)

A61K 31/365 (2006.01)

A61K 31/485 (2006.01)

A61K 31/568 (2006.01)

C07C 233/14 (2006.01)

C07C 271/24 (2006.01)

C07D 307/88 (2006.01)

C07D 489/12 (2006.01)

C07J 1/00 (2006.01)

(43) 01.06.2023

(62) 2021200991

(72) Porter, Chris; Simpson, Jamie; Trevaskis, Natalie; Quach, Tim; Han, Sifei; Hu, Luojuan

(74) Davies Collison Cave Pty Ltd

(71) Murthy, S.N.; Higgins, M.; De Clippeleir, H.; Wett, B.

(11) AU-A-2023202981

(21) 2023202981 (22) 12.05.2023

(54) A method and apparatus for pasteurization, hydrolysis and carbonization

(51) Int. Cl.

B01D 37/00 (2006.01)

B01D 61/20 (2006.01)

C02F 11/02 (2006.01)

(43) 01.06.2023

(62) 2017331271

(72) MURTHY, Sudhir N.; HIGGINS, Matthew; DE CLIPPELEIR, Haydee; WETT, Bernhard

(74) Spruson & Ferguson

(71) NeuRizer Ltd

(11) AU-A-2022271406

(21) 2022271406 (22) 15.11.2022

(54) METHOD OF UNDERGROUND COAL GASIFICATION

(51) Int. Cl.

E21B 43/295 (2006.01)

E21B 43/00 (2006.01)

E21B 43/12 (2006.01)

E21B 43/16 (2006.01)

E21B 43/243 (2006.01)

G05B 13/04 (2006.01)

G05D 11/13 (2006.01)

(31) 2021903657 (32) 15.11.21 (33) AU

(43) 01.06.2023

(72) Burmas, Andy; Bolda, Cristian; Zhang, Jianmin; Styles, Edward

(74) Michael Buck IP

(71) Nexans

(11) AU-A-2022268322

(21) 2022268322 (22) 09.11.2022

(54) SYSTEM FOR STIFFENING A STRUCTURE

(51) Int. Cl.

E04C 3/08 (2006.01)

E04C 3/04 (2006.01)

F24S 25/13 (2018.01)

F24S 25/70 (2018.01)

G05D 3/10 (2006.01)

H02S 20/32 (2014.01)

(31) 2112112

(32) 16.11.21 (33) FR

(43) 01.06.2023

(72) CHARTIER, Emilie; AMAR, Jeremy; PRINTEMPS, Morgan; QUEVILLIER, Ludovic; RICHARD, Aymeric; GILLET, Lucas; SOULIE, Emile

(74) Halfords IP

(71) Nicoventures Trading Limited

(11) AU-A-2023202931

(21) 2023202931 (22) 11.05.2023

(54) Aerosol provision device

(51) Int. Cl.

A24F 40/60 (2020.01)

(43) 01.06.2023

(62) 2020236474

(72) SAYED, Ashley John; THORSEN, Mitchel; WARREN, Luke James

(74) Spruson & Ferguson

(71) Nicoventures Trading Limited

(11) AU-A-2023202971

(21) 2023202971 (22) 12.05.2023

(54) Embedded connectivity

(51) Int. Cl.

A24F 40/65 (2020.01)

A24F 40/50 (2020.01)

(43) 01.06.2023

(62) 2019409041

(72) KERSEY, Robert; BAKER, Darryl; MOLONEY, Patrick

(74) Spruson & Ferguson

Ningxia YongNong BioSciences CO., LTD.

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(21) 2023203007

(71) Northwest Biotherapeutics, Inc.

(11) AU-A-2023202977

(21) 2023202977 (22) 12.05.2023

(54) OPTIMALLY ACTIVATED DENDRITIC CELLS THAT INDUCE AN IMPROVED OR INCREASED ANTI-TUMOR IMMUNE RESPONSE

(51) Int. Cl.

C12N 5/0784 (2010.01)

A61K 35/14 (2015.01)

A61K 39/00 (2006.01)

A61P 35/00 (2006.01)

C12N 5/24 (2006.01)

(43) 01.06.2023

(62) 2016286112

(72) Bosch, Marnix L.

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Norvall, J.

(11) AU-A-2021269321

(21) 2021269321 (22) 16.11.2021

(54) EWP Anchor Point Dead Man Switch including a sensed Caribana preventing the operation of an EWP

(51) Int. Cl.

A62B 35/00 (2006.01)

B66F 17/00 (2006.01)

F16B 45/02 (2006.01)

(43) 01.06.2023

(72) Norvall, Jason

(74) Jason Norvall

Novartis AG see The Trustees of the University of Pennsylvania

(21) 2023201620

(71) NOWDiagnosics, Inc.

(11) AU-A-2023202958

(21) 2023202958 (22) 12.05.2023

(54) Fluid collection unit and related devices and methods

(51) Int. Cl.

A61B 10/00 (2006.01)

(43) 01.06.2023

(62) 2018231811

(72) Shi, Qinwei

(74) Blue Penguin IP Ltd

(71) NOY PTY LTD

(11) AU-A-2021269315

(21) 2021269315 (22) 16.11.2021

(54) Butcher Bird Trap

(51) Int. Cl.

A01M 23/18 (2006.01)

A01M 23/16 (2006.01)

(43) 01.06.2023

(72) Noy, Steve

(74) NOY PTY LTD

(71) Pangang Group Panzhihua Iron & Steel Research Institute Co., Ltd.

(11) AU-A-2022215193

(21) 2022215193 (22) 30.06.2022

(54) Method for producing hypereutectoid steel rail resistant to contact fatigue

(51) Int. Cl.

C21D 6/00 (2006.01)

B21H 8/00 (2006.01)

(31) 202111346816.6 (32) 15.11.21 (33) CN

(43) 01.06.2023

(72) YUAN, Jun; ZOU, Ming; DENG, Yong; YANG, Dawei

(74) FB Rice Pty Ltd

(71) Peterson, W.

(11) AU-A-2022271483

(21) 2022271483 (22) 18.11.2022

(54) APPARATUS AND METHOD FOR LOADING A PIG INTO A PIPELINE WITH PIPELINE-ENGAGING MOVABLE MEMBER, REMOVABLE REDUCER, AND HYDRAULIC CYLINDER

(51) Int. Cl.

F16L 55/28 (2006.01)

B08B 9/043 (2006.01)

B08B 9/055 (2006.01)

F16L 55/46 (2006.01)

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 (43) 01.06.2023
 (72) Peterson, Warren
 (74) Madderns Pty Ltd
-
- (71) Popeye Marine Biotechnology Limited
 (11) AU-A-2022201939
 (21) 2022201939 (22) 21.03.2022
 (54) POROUS TRICALCIUM PHOSPHATE MATERIAL, METHOD FOR BONE HEALING USING THE SAME AND MANUFACTURING METHOD THERE-OF
 (51) Int. Cl.
 A61L 27/12 (2006.01)
 A61B 17/56 (2006.01)
 A61F 2/28 (2006.01)
 A61K 9/14 (2006.01)
 A61K 33/42 (2006.01)
 A61K 35/614 (2015.01)
 A61L 27/56 (2006.01)
 A61P 19/08 (2006.01)
 C04B 35/447 (2006.01)
 C04B 38/06 (2006.01)
- (31) 110142116 (32) 12.11.21 (33) TW
 (43) 01.06.2023
 (72) Sheng, Yi-Jen; Chan, Yu-Hao; Peng, Yu-Quan
 (74) Madderns Pty Ltd
-
- (71) Pratt Retail Specialties, LLC
 (11) AU-A-2023203006
 (21) 2023203006 (22) 15.05.2023
 (54) Method of making an insulation material and an insulated mailer
 (51) Int. Cl.
 D21H 17/35 (2006.01)
 D21H 17/53 (2006.01)
 D21H 21/18 (2006.01)
 D21H 21/34 (2006.01)
 D21H 25/06 (2006.01)
 D21H 27/10 (2006.01)
 D21H 27/30 (2006.01)
 D21J 1/20 (2006.01)
- (43) 01.06.2023
 (62) 2021204424
 (72) Collison, Alan B.; Borgman, Reid
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Preen, C.; Hasenkam, B.
 (11) AU-A-2022259831
 (21) 2022259831 (22) 28.10.2022
 (54) IMPROVED STUB-AXLE ASSEMBLY AND ADJUSTMENT METHOD
 (51) Int. Cl.
 B62D 17/00 (2006.01)
 B60B 35/14 (2006.01)
 B62D 7/06 (2006.01)
 B62D 7/18 (2006.01)
 B60G 3/14 (2006.01)
- (31) 2021903658 (32) 15.11.21 (33) AU
 (43) 01.06.2023
 (72) Preen, Christopher; Hasenkam, Brett
 (74) Patentable
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- (71) Sage Products, LLC
 (11) AU-A-2023203027
 (21) 2023203027 (22) 15.05.2023
 (54) Oral care system
 (51) Int. Cl.
 A46B 11/00 (2006.01)
 A46B 17/06 (2006.01)
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- (71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2023201748
 (21) 2023201748 (22) 21.03.2023
 (54) Anti-VEGF protein compositions and methods for producing the same
 (51) Int. Cl.
 C12N 5/00 (2006.01)
- (43) 01.06.2023
 (62) 2020398547
 (72) FRANKLIN, Matthew
 (74) Davies Collison Cave Pty Ltd
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- (71) Robertson, C.; Yeganeh, K.; Cho, Y.; DE Innovations Inc.
 (11) AU-A-2022200206
 (21) 2022200206 (22) 13.01.2022
 (54) Simultaneous Beverage Can Puncturing Device
 (51) Int. Cl.
 B67B 7/00 (2006.01)
- (31) 3,138,607 (32) 11.11.21 (33) CA
 (43) 01.06.2023
 (72) Robertson, Cole; Yeganeh, Keyvan; Cho, Yohan
 (74) Cole Thomas Robertson
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- (71) Royal Melbourne Institute of Technology
 (11) AU-A-2022268381
 (21) 2022268381 (22) 11.11.2022
 (54) Device, method and system for detecting nicotine
 (51) Int. Cl.
 G01N 33/487 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/08 (2006.01)
 G01N 27/327 (2006.01)
 G01N 33/00 (2006.01)
- (31) 2021903631 (32) 12.11.21 (33) AU
 (43) 01.06.2023
 (72) Rahman, Md. Ataur; Walia, Sumeet; Bhaskaran, Madhu; Sriram, Sharath
 (74) FB Rice Pty Ltd
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- (71) Sage Therapeutics, Inc.
 (11) AU-A-2023203028
 (21) 2023203028 (22) 15.05.2023
 (54) Neuroactive steroids, compositions, and uses thereof
 (51) Int. Cl.
 C07J 41/00 (2006.01)
 A61K 31/57 (2006.01)
 A61K 31/575 (2006.01)
 A61P 25/18 (2006.01)
 A61P 25/28 (2006.01)
 C07J 9/00 (2006.01)
 C07J 31/00 (2006.01)
- (43) 01.06.2023
 (62) 2021204183
 (72) UPASANI, Ravindra B.; HARRISON, Boyd L.; DODART, Jean-Cosme; SALTURO, Francesco G.; ROBICHAUD, Albert J.; ASKEW Jr., Benny C.
 (74) Spruson & Ferguson
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- (71) Sarepta Therapeutics, Inc.
 (11) AU-A-2023202914
 (21) 2023202914 (22) 10.05.2023
 (54) MULTIPLE EXON SKIPPING COMPOSITIONS FOR DMD
 (51) Int. Cl.
 C12N 15/113 (2010.01)
- (43) 01.06.2023
 (62) 2021204232
 (72) Sazani, Peter; Kole, Ryszard
 (74) Davies Collison Cave Pty Ltd
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- (71) Savoy Timber Ltd.
 (11) AU-A-2022202968
 (21) 2022202968 (22) 03.05.2022
 (54) System for constructing a support structure
 (51) Int. Cl.
 E04B 1/58 (2006.01)
 E04B 1/38 (2006.01)
 E04C 3/02 (2006.01)
- (31) 2116583.2 (32) 17.11.21 (33) GB
 (43) 01.06.2023
 (72) CORNWELL, George Leonard
 (74) Spruson & Ferguson
-
- (71) Seagen Inc.
 (11) AU-A-2023203005
 (21) 2023203005 (22) 15.05.2023
 (54) Self-stabilizing linker conjugates
 (51) Int. Cl.
 C07D 207/40 (2006.01)

President and Fellows of Harvard College
 see Eisai R & D Management Co., Ltd.

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 (62) 2021201636
 (72) Lyon, Robert; Doronina, Svetlana;
 Bovee, Timothy
 (74) FPA Patent Attorneys Pty Ltd

(71) Seres Therapeutics, Inc.
 (11) AU-A-2023201132
 (21) 2023201132 (22) 24.02.2023
 (54) COMPOSITIONS AND METHODS
 FOR INHIBITION OF PATHOGENIC
 BACTERIAL GROWTH

(51) Int. Cl.
C12N 1/20 (2006.01)
A61K 35/66 (2015.01)
A61K 35/74 (2015.01)

(43) 01.06.2023
 (62) 2020202312
 (72) Cook, David N.; Zhang, Han; D'Onofrio,
 Anthony M.; Berry, David A.; McKenzie,
 Mary-Jane Lombardo; Aunins, John G.;
 McKenzie, Gregory; Ohsumi, Toshiro
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Shandong Scicom Ecological Environ-
 ment Research Institute Co., Ltd.; Ad-
 vanced Materials Institute, Shandong
 Academy of Sciences

(11) AU-A-2021290246
 (21) 2021290246 (22) 01.12.2021
 (54) Vitriified aggregate biscuit anti-powder-
 shedding film overlaying agent, film
 overlaying system and film overlaying
 method

(51) Int. Cl.
B28B 11/04 (2006.01)
 (31) 202111354938X (32) 16.11.21 (33) CN
 (43) 01.06.2023
 (72) ZHU, Ying; WANG, Qichun; LI, Jing;
 XU, Jianhua
 (74) Collison & Co

(71) Shanghai Linghuo Trading Co., Ltd.
 (11) AU-A-2023202932
 (21) 2023202932 (22) 11.05.2023
 (54) INNER-C-FORGING ASSEMBLY, IN-
 TEGRAL FRONT AXLE ASSEMBLY
 AND MODIFICATION METHOD
 THEREOF

(51) Int. Cl.
B60B 35/00 (2006.01)
B21K 1/00 (2006.01)
B21K 1/06 (2006.01)
B21K 1/26 (2006.01)
B21K 1/74 (2006.01)
B60B 35/12 (2006.01)
B60B 35/16 (2006.01)
B62D 17/00 (2006.01)
F16B 7/18 (2006.01)

(43) 01.06.2023
 (62) 2022203205
 (72) DU, Dehui; FU, Jia
 (74) ADASTRA IP PTY LTD

(71) Shire Human Genetic Therapies
 (11) AU-A-2023201438
 (21) 2023201438 (22) 08.03.2023

(54) Delivery of mRNA for the augmentation
 of proteins and enzymes in human ge-
 netic diseases

(51) Int. Cl.
A61K 31/7105 (2006.01)
C07H 21/02 (2006.01)

(43) 01.06.2023
 (62) 2020202755
 (72) GUILD, Braydon Charles; DeR-
 osa, Frank; CONCINO, Michael;
 HEARTLEIN, Michael
 (74) Spruson & Ferguson

(71) Siemens Mobility GmbH
 (11) AU-A-2022263518
 (21) 2022263518 (22) 02.11.2022
 (54) Method and computing environment for
 creating and applying a test algorithm
 for computational processes

(51) Int. Cl.
G06F 11/36 (2006.01)

(31) 21208235.8 (32) 15.11.21 (33) EP
 (43) 01.06.2023
 (72) SCHALLENBERG, Andreas; BOLZ,
 Matthias; ECKELMANN-WENDT, Uwe;
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 (74) Spruson & Ferguson

(71) Smith & Nephew Asia Pacific Pte. Lim-
 ited

(11) AU-A-2023203010
 (21) 2023203010 (22) 15.05.2023
 (54) Negative pressure wound therapy ap-
 paratuses and methods for using the
 same

(51) Int. Cl.
A61M 1/00 (2006.01)

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 (11) AU-A-2023203021
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 (54) Cloud-controlled manufacturing exe-
 cution system (CLO-cMES) for use in
 pharmaceutical manufacturing process
 control, methods, and systems thereof

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G05B 19/418 (2006.01)
H04L 67/10 (2022.01)
H04L 67/125 (2022.01)
H04W 84/18 (2009.01)

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 TEM AND METHOD THEREFOR

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G06Q 10/00 (2012.01)
H04L 9/00 (2022.01)
H04L 9/32 (2006.01)
H04W 12/06 (2021.01)

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 (54) System and method for controlling a fly-
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G05D 1/04 (2006.01)
A63H 27/00 (2006.01)
A63H 27/133 (2006.01)
A63H 30/04 (2006.01)

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G06F 40/169 (2020.01)
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G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G09B 5/04 (2006.01)
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G10L 13/02 (2013.01)

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A01D 41/12 (2006.01)
A01D 75/00 (2006.01)
A01F 12/40 (2006.01)
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F02D 29/06 (2006.01)
F03G 6/00 (2006.01)
F04D 13/06 (2006.01)
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G01R 31/36 (2020.01)
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 G01K 1/024 (2021.01)
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 H04H 20/18 (2008.01)
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 H04H 20/33 (2008.01)
 H04L 67/131 (2022.01)
 H04R 3/12 (2006.01)
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 (51) Int. Cl.
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 (51) Int. Cl.
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Yeganeh, K. see Robertson, C.
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 C07F 9/6584 (2006.01)
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 (54) GASEOUS FUELING SYSTEM
 (51) Int. Cl.
 F17C 5/06 (2006.01)
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 B01L 3/00 (2006.01)
 G01N 15/14 (2006.01)
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 (72) LAHTINEN, Kimmo; NATTINEN, Kalle, Ilmari
 (74) Origin Patent and Trade Mark Attorneys

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 (54) COMPOSITIONS AND METHODS FOR TREATING BLOOD DISORDERS

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(72) VON STEIN, Jonathan; MCGINLEY, Kimball, B.; BRADSHAW, Robert; BYLUND, Alan; HALVORSEN, Christian, A.; NASH, Jonathan, R.
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(72) KRASTS, Andrew; DARNALL, Darci; WEISS, Eric J.; HOPKINS, Timothy M.
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(51) Int. Cl.
- A61B 17/072** (2006.01)
A61B 17/20 (2006.01)
A61B 17/29 (2006.01)
A61B 90/98 (2016.01)
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G01N 33/00 (2006.01)
G01N 15/02 (2006.01)
G01N 15/06 (2006.01)
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(54) SYSTEM AND METHOD FOR DETECTING LEAKS AND LOCATION THEREOF IN PIPES USING MULTI-SPECTRAL CORRELATIONS
(51) Int. Cl.
G01N 29/14 (2006.01)
F17D 5/02 (2006.01)
G01F 1/34 (2006.01)
G01F 1/66 (2022.01)
G01M 3/24 (2006.01)
G06F 17/16 (2006.01)
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(54) COMPOSITIONS COMPRISING AN RNA GUIDE TARGETING TRAC AND USES THEREOF
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C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
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C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
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H02S 20/00 (2014.01)
F24S 25/00 (2018.01)
H02S 30/00 (2014.01)
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A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
C07K 14/47 (2006.01)
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C12N 15/113 (2010.01)
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G07C 9/30 (2020.01)
G08B 21/02 (2006.01)
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(54) METHOD FOR STARTING UP AN AC-TUATOR
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G05B 19/042 (2006.01)
G06F 3/0482 (2013.01)
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A61K 9/00 (2006.01)
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A61P 25/14 (2006.01)
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(54) NEBULIZER DEVICE OPTIMIZATION FOR IMPROVED AEROSOL PARAMETERS AND USES THEREOF
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A61M 11/00 (2006.01)
A61K 9/00 (2006.01)
A61M 15/00 (2006.01)
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(54) BREAKAWAY FIFTH WHEEL COUPLING
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B62D 53/08 (2006.01)
B62D 53/00 (2006.01)
B62D 53/04 (2006.01)
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(51) Int. Cl.
G01N 21/64 (2006.01)
G01N 21/01 (2006.01)
G01N 21/17 (2006.01)
G01N 21/25 (2006.01)
G01N 33/53 (2006.01)
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(54) ALPHA STIRLING ENGINE
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F02G 1/044 (2006.01)
F02B 75/16 (2006.01)
F02G 1/057 (2006.01)
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(54) ALPHA STIRLING ENGINE
(51) Int. Cl.
F02G 1/044 (2006.01)
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(51) Int. Cl.

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A61F 5/00 (2006.01)
A63B 23/00 (2006.01)
A63B 23/08 (2006.01)
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(54) FASTENING ARRANGEMENT OF A DRIVE WHEEL MEMBER FOR AN ENDLESS TRACK OF A TRACKED VEHICLE
(51) Int. Cl.
B62D 55/135 (2006.01)
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(54) CEMENT PLUG INTERNAL ANTI-ROTATION
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E21B 33/16 (2006.01)
E21B 23/00 (2006.01)
E21B 33/14 (2006.01)
E21B 34/14 (2006.01)
E21B 43/26 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) ADDITIVE PNEUMATIC MANIFOLD
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A61M 1/14 (2006.01)
A61M 1/28 (2006.01)
B33Y 80/00 (2015.01)
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(54) ORAL FORMULATIONS OF NINTEDANIB AND METHOD OF MANUFACTURING THEREOF
(51) Int. Cl.
A61K 31/404 (2006.01)
A61K 9/48 (2006.01)
A61K 47/14 (2017.01)
A61K 47/44 (2017.01)
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(54) COMPOSITIONS AND METHODS FOR TREATING GLYCOGEN STORAGE DISEASE TYPE 1A
(51) Int. Cl.
C12N 9/78 (2006.01)
A61K 48/00 (2006.01)
A61P 3/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/62 (2006.01)
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(54) SARS-COV-2 ANTIGEN LATERAL FLOW ASSAY DETECTION DEVICE AND METHODS FOR USING THE SAME
(51) Int. Cl.
G01N 33/53 (2006.01)
B01L 3/00 (2006.01)
B01L 7/00 (2006.01)
G01N 33/569 (2006.01)
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(54) 3-[(1H-PYRAZOL-4-YL)OXY]PYRAZIN-2-AMINE COMPOUNDS AS HPK1 INHIBITOR AND USE THEREOF
(51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/4152 (2006.01)
A61K 31/4965 (2006.01)
A61P 35/00 (2006.01)
C07D 231/20 (2006.01)
C07D 241/20 (2006.01)
(87) WO2022/068848
(31) PCT/ **(32)** 30.09.20 **(33)** CN
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(43) 07.04.2022
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(11) AU-A-2021355476
(21) 2021355476 **(22)** 30.09.2021
(54) PROCESS FOR THE PRODUCTION OF CANNABINOL, CANNABINOLIC ACID, CANNABIVARIN, CANNABIVARINIC ACID AND RELATED CANNABINOIDS
(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/115 (2010.01)
G01N 21/64 (2006.01)
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C07D 285/08 (2006.01)
A61K 31/433 (2006.01)
A61P 3/10 (2006.01)
C07F 9/09 (2006.01)
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- (71) BETTER VET LLC
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 (54) SYSTEMS AND METHODS FOR REMOTE, VIRTUAL, IN-HOME, AND HYBRID VIRTUAL-IN-HOME VETERINARY MEDICINE
 (51) Int. Cl.
G06Q 10/00 (2023.01)
 (87) WO2022/061125
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 (54) METHODS AND RAPID TEST KITS FACILITATING EPIDEMIOLOGICAL SURVEILLANCE
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G01N 21/77 (2006.01)
G01N 33/564 (2006.01)
G16H 50/80 (2018.01)
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 (54) PROCESS FOR ENRICHING ADENO-ASSOCIATED VIRUS
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C12N 7/02 (2006.01)
C12N 15/864 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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 (54) ATMOSPHERIC WATER HARVESTING SYSTEM
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C09K 17/40 (2006.01)
B01J 20/00 (2006.01)
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 (11) AU-A-2021388787
 (21) 2021388787 (22) 24.11.2021
 (54) REMOVAL OF ODORANTS FROM POST-CONSUMER POLYOLEFIN WASTE
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B29B 17/02 (2006.01)
C08J 11/02 (2006.01)
C08J 11/06 (2006.01)
 (87) WO2022/112290
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 (54) COMPRESSION-EXPANSION LOCKING DEVICE FOR LUGGAGE AND LUGGAGE CONTAINING SAME
 (51) Int. Cl.
A45C 7/00 (2006.01)
A45C 5/03 (2006.01)
A45C 13/00 (2006.01)
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A61K 31/573 (2006.01)
A61K 38/20 (2006.01)
A61P 17/06 (2006.01)
A61P 37/00 (2006.01)
C07K 14/55 (2006.01)
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 A23L 33/185 (2016.01)
 A23J 3/14 (2006.01)
 A23L 19/00 (2016.01)
 A23L 23/10 (2016.01)
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 (72) BRODDY, William Leslie; STRACHAN, Gary Edward
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 (54) METHOD, COMPUTER PROGRAM AND CONTROL DEVICE FOR CONTROLLING A COOKING APPLIANCE AND COOKING APPLICANCE SYSTEM
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 H05B 1/02 (2006.01)
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 B60H 1/00 (2006.01)
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 B60L 58/26 (2019.01)
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 (54) TRIPHENYL CALCILYTIC COMPOUNDS FOR THE TREATMENT OF AUTOSOMAL DOMINANT HYPOCALCEMIA TYPE 1 (ADH1)
 (51) Int. Cl.
 A61K 31/195 (2006.01)
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 A61M 5/00 (2006.01)
 A61M 5/44 (2006.01)
 A61M 11/00 (2006.01)
 A61M 11/04 (2006.01)
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 G01N 15/00 (2006.01)
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 C01B 21/26 (2006.01)
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 F28C 3/02 (2006.01)
 F28D 1/00 (2006.01)
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 E21B 19/16 (2006.01)
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C03C 10/04 (2006.01)
C03C 3/083 (2006.01)
C03C 10/02 (2006.01)
C03C 21/00 (2006.01)
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C07D 213/74 (2006.01)
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A61P 3/00 (2006.01)
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C07D 213/75 (2006.01)
C07D 277/46 (2006.01)
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C07D 403/12 (2006.01)
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A61K 51/04 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
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 (54) CHIMERIC ANTIGEN COMPRISING THE EXTRACELLULAR DOMAIN OF PD-L1
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A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
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 (51) Int. Cl.
C07K 14/005 (2006.01)
A61K 39/12 (2006.01)
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 (54) METHODS FOR DELIVERING MEDIUM CHAIN TRIGLYCERIDES WITH CONTROLLED PHARMACOKINETIC, SAFETY AND TOLERABILITY PROFILES
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A61P 25/28 (2006.01)
A61K 31/12 (2006.01)
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 (54) WELL CORRELATION THROUGH INTERMEDIARY WELL
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G06G 7/48 (2006.01)
E21B 49/00 (2006.01)
G01V 1/30 (2006.01)
G01V 99/00 (2009.01)
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 (54) VISUALIZATION OF DIRECTIONAL INFLUENCE OF WELLS ON CORRELATION
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G06G 7/48 (2006.01)
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G01V 1/30 (2006.01)
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 (54) COMPOUND AS AKT KINASE INHIBITOR
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A61K 31/437 (2006.01)
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H04W 48/10 (2009.01)
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C12N 15/13 (2006.01)
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C07K 14/195 (2006.01)
C12P 13/04 (2006.01)
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 (21) 2021352334 (22) 29.09.2021
 (54) POLYMER COMPOSITE COMPRISING WHOLE GRAIN FLOUR OF CEREAL GRASSES
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C08L 67/04 (2006.01)
C08K 5/053 (2006.01)
C08L 99/00 (2006.01)
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C08L 67/04 (2006.01)
C08K 5/053 (2006.01)
C08L 99/00 (2006.01)
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F25J 3/00 (2006.01)
C01B 3/32 (2006.01)
C07C 5/05 (2006.01)
C07C 7/12 (2006.01)
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 (72) HOME, Michael A.
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F04B 53/18 (2006.01)
F04D 15/00 (2006.01)
F04D 15/02 (2006.01)
F04D 29/06 (2006.01)
F04D 29/12 (2006.01)
F16J 15/16 (2006.01)
F16N 7/00 (2006.01)
F16N 7/02 (2006.01)
F16N 7/36 (2006.01)
F16N 19/00 (2006.01)
F16N 29/00 (2006.01)
F16N 29/02 (2006.01)
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(51) Int. Cl.
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
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H02M 7/48 (2007.01)
H02P 27/06 (2006.01)
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A61K 31/4025 (2006.01)
A61K 31/519 (2006.01)
C07D 207/04 (2006.01)
C07D 487/00 (2006.01)
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A61K 31/166 (2006.01)
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A61P 35/00 (2006.01)
C07D 235/30 (2006.01)
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A61K 31/435 (2006.01)
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H04W 72/04 (2023.01)
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B25H 3/00 (2006.01)
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 C07K 16/00 (2006.01)
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 A01N 25/06 (2006.01)
 A61K 8/34 (2006.01)
 A61K 8/893 (2006.01)
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 A61Q 19/10 (2006.01)
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 G06N 20/00 (2019.01)
 H04B 7/08 (2006.01)
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 (74) AJ PARK

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 (54) PESTICIDAL COMPOSITION COMPRISING ELEMENTAL SULPHUR AND FLUPYRADIFURONE
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 A01N 43/40 (2006.01)
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 C01B 17/04 (2006.01)
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 A42B 3/08 (2006.01)
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 (72) HERMANSEN, Frank; WINEFORDER, Carl
 (74) James & Wells Intellectual Property

(71) DRIVERDO LLC
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 (21) 2021364386 (22) 22.10.2021
 (54) MACHINE LEARNING FOR VEHICLE ALLOCATION
 (51) Int. Cl.
 G06Q 10/00 (2023.01)
 G06N 20/00 (2019.01)
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 A61K 9/20 (2006.01)
 A23L 33/125 (2016.01)
 A61K 9/00 (2006.01)
 A61K 31/702 (2006.01)
 A61K 45/06 (2006.01)
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 C12N 9/36 (2006.01)
 A23C 9/123 (2006.01)
 C07K 14/315 (2006.01)
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 F03B 13/18 (2006.01)
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 (54) EXPANDABLE SHEATH INCLUDING REVERSE BAYONET LOCKING HUB
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 A61M 25/00 (2006.01)
 A61M 25/06 (2006.01)
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 A45D 40/24 (2006.01)
 A45D 40/02 (2006.01)
 A45D 40/04 (2006.01)
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F16K 31/50 (2006.01)
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F16K 37/00 (2006.01)
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F24C 15/20 (2006.01)
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(11) AU-A-2021371450
(21) 2021371450 (22) 27.10.2021
(54) DETECTING THERMITE REACTIONS
 IN AN ELECTROLYTIC CELL
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G01N 27/416 (2006.01)
C25C 3/12 (2006.01)
C25C 3/16 (2006.01)
C25C 3/20 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) SUBARACHNOID FLUID MANAGE-
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A61M 27/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/03 (2006.01)
A61F 7/00 (2006.01)
A61F 7/12 (2006.01)
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 VOSE, Joshua G.; PATEL, Rajan
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(21) 2021358444 (22) 11.10.2021
(54) ELECTRICAL POWER TRANSMIS-
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H02H 7/22 (2006.01)
H01B 7/00 (2006.01)
H01B 7/30 (2006.01)
H02J 7/00 (2006.01)
H02H 7/16 (2006.01)
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(54) Medium composition for culturing
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C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
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A61K 38/17 (2006.01)
A61K 31/7105 (2006.01)
A61P 11/00 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
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C12N 15/11 (2006.01)
C12N 15/63 (2006.01)
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(74) SR Intellectual Property
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 SYSTEMS AND METHODS
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B60L 53/65 (2019.01)
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(31) 2020903308 (32) 16.09.20 (33) AU
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(21) 2022224306 (22) 15.02.2022
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C07H 1/00 (2006.01)
B01J 19/00 (2006.01)
C07H 21/00 (2006.01)
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(31) 21157508.9 (32) 17.02.21 (33) EP
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F04D 29/42 (2006.01)
F04D 29/02 (2006.01)
F04D 29/44 (2006.01)
F24C 15/20 (2006.01)
F04D 29/70 (2006.01)
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(11) AU-A-2021362834
(21) 2021362834 (22) 18.10.2021
(54) PEPTIDE-BASED TRANSDUCTION
 OF NON-ANIONIC POLYNUCLEOTIDE
 ANALOGS FOR GENE EXPRESSION
 MODULATION

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C12N 15/87 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/42 (2017.01)
C12N 7/08 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
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(54) VIAL ADAPTER
(51) Int. Cl.
A61J 1/20 (2006.01)
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(74) FB Rice Pty Ltd
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(54) CHICKEN ANEMIA VIRUS (CAV)-BASED VECTORS
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
C07K 14/50 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) INTUBATION DEVICE AND SYSTEM
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/05 (2006.01)
A61B 1/06 (2006.01)
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B65G 11/16 (2006.01)
B65D 90/04 (2006.01)
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A61M 1/16 (2006.01)
A61M 1/34 (2006.01)
A61M 1/36 (2006.01)
A61M 39/10 (2006.01)
A61M 39/16 (2006.01)
A61M 39/18 (2006.01)
A61M 39/20 (2006.01)
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(54) PYROLYSIS PLANT AND METHOD FOR THERMAL MINERALIZATION OF BIOMASS AND PRODUCTION OF COMBUSTIBLE GASES, LIQUIDS AND BIOCHAR
(51) Int. Cl.
C10B 53/02 (2006.01)
B01J 8/18 (2006.01)
C10B 47/24 (2006.01)
C10G 1/02 (2006.01)
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(54) AIR CONDITIONER
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F25B 49/02 (2006.01)
F24F 11/49 (2018.01)
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(54) SUBCUTANEOUS DOSING OF ANTI-CD20/ANTI-CD3 BISPECIFIC ANTIBODIES
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) DOSING FOR TREATMENT WITH ANTI-CD20/ANTI-CD3 BISPECIFIC ANTIBODIES
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A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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(21) 2021374594 (22) 02.11.2021
(54) DOSING FOR TREATMENT WITH ANTI-CD20/ANTI-CD3 BISPECIFIC ANTIBODIES AND ANTI-CD79B ANTIBODY DRUG CONJUGATES
(51) Int. Cl.
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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 A61K 31/495 (2006.01)
 A61K 31/4985 (2006.01)
 A61P 17/00 (2006.01)
 C07D 241/00 (2006.01)
 C07D 241/36 (2006.01)
 C07D 487/02 (2006.01)
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 (54) INTERLEUKIN-2-FC FUSION PROTEINS AND METHODS OF USE
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 C07K 14/55 (2006.01)
 C07K 19/00 (2006.01)
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- (71) GLAIVERF, INC.
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 (21) 2021347340 (22) 24.09.2021
 (54) WEARABLE ACCESSORY WITH PHASED ARRAY ANTENNA SYSTEM
 (51) Int. Cl.
 H01Q 1/24 (2006.01)
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 H01Q 21/00 (2006.01)
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 (21) 2021356763 (22) 08.10.2021
 (54) TOCOTRIENOLS DERIVATES, METHODS AND USES THEREOF
 (51) Int. Cl.
 A61K 31/355 (2006.01)
 A61K 9/00 (2006.01)
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 A61K 47/00 (2006.01)
 A61P 17/00 (2006.01)
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 (54) GARDEN TOOL
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 A01D 34/63 (2006.01)
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 A01D 34/74 (2006.01)
 A01D 34/76 (2006.01)
 A01D 67/00 (2006.01)
 A01D 69/02 (2006.01)
 A01D 69/06 (2006.01)
 F02N 11/08 (2006.01)
 G08B 13/14 (2006.01)
 H02J 7/00 (2006.01)
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 A45C 3/00 (2006.01)
 A41D 31/00 (2019.01)
 A45C 7/00 (2006.01)
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 (51) Int. Cl.
 E21B 4/14 (2006.01)
 E21B 21/08 (2006.01)
 E21B 21/10 (2006.01)
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 (51) Int. Cl.
 B65D 5/26 (2006.01)
 B65D 5/20 (2006.01)
 B65D 5/28 (2006.01)
 B65D 5/30 (2006.01)
 B65D 77/20 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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 (54) MEASURING DEVICE ASSEMBLY
 (51) Int. Cl.
 G01R 15/06 (2006.01)
 G01R 15/16 (2006.01)
 H01R 13/53 (2006.01)
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 C07D 515/04 (2006.01)
 A61P 31/12 (2006.01)
 A61P 35/02 (2006.01)
 A61P 37/00 (2006.01)
 C07D 513/04 (2006.01)
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John; SPARENBERG, Michael; IVENS,
Eleanor
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F16K 47/04 (2006.01)
F16K 1/42 (2006.01)
F16K 3/26 (2006.01)
F16K 25/04 (2006.01)
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Michael; LINK, John Frederic
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(54) DELIVERY SYSTEMS FOR CARDIAC
VALVE DEVICES, AND ASSOCIATED
METHODS OF OPERATION
(51) Int. Cl.
A61F 2/24 (2006.01)
A61F 2/95 (2013.01)
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DUERI, Jean-Pierre; THAI, Erik; JOHN-
STON, Andrew; SUTTON, Douglas;
ORTH, Cassandra; O'GRADY, Robert;
GONZALEZ, Jose; MCLEAN, Matthew;
KRISHNAMURTHY, Gaurav
(74) FB Rice Pty Ltd
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INC.
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MATERIALS FOR FLOW CONTROL
DEVICE FLOAT BODIES
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E21B 43/12 (2006.01)
C08K 7/18 (2006.01)
C08L 65/00 (2006.01)
E21B 34/08 (2006.01)
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Charles Timothy
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INC.
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SCALE INHIBITOR
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C09K 8/035 (2006.01)
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(54) ANCHOR SLIP ASSEMBLY WITH
INDEPENDENTLY DEPLOYABLE
WEDGES
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APICHARTTHABRUT, Terapat; FRIPP,
Michael Linley
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INC.
(11) AU-A-2021432775
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(54) HEAT HARDENING POLYMER FOR
EXPANDABLE DOWNHOLE SEALS
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E21B 33/124 (2006.01)
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Chad William; SMITH, Charles Timothy
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INC.
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AND EXPANDABLE TOOL ACTIVAT-
OR
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GADRE, Aniruddha; HU, Yuzhu;
MAKOWIECKI, Gary, J.
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INC.
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(54) HYDRAULIC FRACTURING OF GEO-
LOGICAL FORMATIONS WITH EN-
ERGY STORAGE SYSTEM
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E21B 43/267 (2006.01)
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(72) OEHRING, Jared
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021377712
(21) 2021377712 (22) 15.11.2021
(54) USE OF THERAPEUTIC ENZYME FU-
SION PROTEIN IN PREVENTING AND
TREATING NEUROPATHY ATTRIB-
UTED TO OR ASSOCIATED WITH
FARBRY'S DISEASE
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/47 (2006.01)
A61K 47/68 (2017.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
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Sang Yun; KIM, Won Ki; PARK, Su
Yeon
(74) FB Rice Pty Ltd
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- (71) HANMI PHARM. CO., LTD.
(11) AU-A-2021378707
(21) 2021378707 (22) 15.11.2021
(54) USE OF THERAPEUTIC ENZYME
FUSION PROTEIN FOR PREVENT-
ING AND TREATING KIDNEY DIS-
EASE CAUSED OR ACCOMPANIED
BY FABRY'S DISEASE
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/47 (2006.01)
A61K 47/68 (2017.01)
A61P 13/12 (2006.01)
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PARK, Cho Rong; KIM, Sang Yun; KIM,
Jeong A; JANG, Doo Seo
(74) FB Rice Pty Ltd
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- (71) HARBOUR ANTIBODIES BV;
ERASMUS UNIVERSITY MEDICAL
CENTER ROTTERDAM; LEIDEN UNI-
VERSITY MEDICAL CENTER
(11) AU-A-2021374824
(21) 2021374824 (22) 05.11.2021
(54) ANTIBODY-CONJUGATED NANO-
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A61P 7/00 (2006.01)
A61P 35/00 (2006.01)
C12N 15/113 (2010.01)
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(72) GROSVELD, Frank G.; EICH, Christina;
CRUZ, Luis
(74) RnB IP Pty Ltd
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- (71) HARSCO TECHNOLOGIES LLC
(11) AU-A-2021364403
(21) 2021364403 (22) 23.10.2021
(54) RAIL FEATURE IDENTIFICATION
SYSTEM
(51) Int. Cl.
B61L 23/04 (2006.01)
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(72) FERNANDEZ, Javier
(74) Pizzzeys Patent and Trade Mark Attor-
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- (71) HEALTHSAFE NZ LIMITED
(11) AU-A-2021372307
(21) 2021372307 (22) 29.10.2021
(54) ACCESS CONTROL SYSTEMS,
METHODS AND DEVICES
(51) Int. Cl.
G07C 9/21 (2020.01)
G06K 7/10 (2006.01)
G06K 7/14 (2006.01)
G07C 9/00 (2020.01)
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A61L 29/08 (2006.01)
A61L 29/16 (2006.01)
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D06N 3/00 (2006.01)
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(54) APPLICATION CONTEXT MIGRATION
METHOD AND DEVICE
(51) Int. Cl.
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(54) CHANNEL MONITORING METHOD
AND RELATED APPARATUS
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H04W 74/08 (2009.01)
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D21F 1/00 (2006.01)
D03D 13/00 (2006.01)
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SYSTEM WITH SUPER CAPACITOR
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B60L 50/75 (2019.01)
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H02M 7/00 (2006.01)
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SYSTEMS, DEVICES, AND METHODS
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B60B 7/06 (2006.01)
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B60C 15/02 (2006.01)
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(21) 2021356704 (22) 08.10.2021
(54) FLUID TRANSFER DEVICE AND
METHOD OF USE FOR SAME
(51) Int. Cl.
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Amanda.; NELSON, David; SHAUVER,

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(21) 2021346192	A23C 1/14 (2006.01)		(21) 2021345339
(54) FURNITURE, CONNECTORS AND JOINTS THEREOF, AND A METHOD FOR ASSEMBLING SUCH FURNITURE	A23C 9/00 (2006.01)		(22) 17.09.2021
(51) Int. Cl.	A23C 19/00 (2006.01)		(54) TARGETED DEAMINASE AND BASE EDITING USING SAME
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A47C 4/02 (2006.01)	A23J 3/10 (2006.01)		C12N 9/78 (2006.01)
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A61F 2/00 (2006.01)	B01D 45/14 (2006.01)		A61K 47/64 (2017.01)
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(54) POWER LINE STRINGING SYSTEM AND METHOD	(54) A PADEL COURT CONSTRUCTION		(22) 21.09.2021
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B64C 39/00 (2023.01)	A63C 19/08 (2006.01)		
H01G 7/00 (2006.01)	E04H 3/14 (2006.01)		
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(72) VAN DER BERG, Cameron; VAN DER BERG, Daniel			
(74) FPA Patent Attorneys Pty Ltd			
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(71) INGREDIA			
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(21) 2021369310			
(54) METHOD FOR PRODUCING A SOLID INGREDIENT, SOLID INGREDIENT WHICH CAN BE OBTAINED BY IM-			

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G01P 5/24 (2006.01)
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 (31) FR2009589 (32) 22.09.20 (33) FR
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 (51) Int. Cl.
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H01L 21/02 (2006.01)
H10N 60/01 (2023.01)
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 (54) GROUND CONDUCTOR DISCONTINUITIES FOR THERMAL ISOLATION OF QUBIT CIRCUITS
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G06N 10/40 (2022.01)
H05K 1/02 (2006.01)
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 (51) Int. Cl.
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G06N 3/044 (2023.01)
G06N 3/08 (2023.01)
G06T 11/20 (2006.01)
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 (54) FLUX LINE FILTER
 (51) Int. Cl.
H03H 7/01 (2006.01)
G06N 10/00 (2022.01)
H01L 23/66 (2006.01)
H01L 25/065 (2023.01)
H01P 1/203 (2006.01)
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 (54) PROTECTION OF INTERCONNECTS AND DEVICES IN A PACKAGED QUANTUM BIT STRUCTURE
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H01L 21/768 (2006.01)
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H01L 25/065 (2023.01)
G06N 10/40 (2022.01)
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 (21) 2021405491 (22) 21.12.2021
 (54) MULTI-LAYERED PACKAGING FOR SUPERCONDUCTING QUANTUM CIRCUITS
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H01L 21/48 (2006.01)
G06N 10/40 (2022.01)
H01L 23/00 (2006.01)
H01L 25/065 (2023.01)
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B66B 1/16 (2006.01)
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 (54) ZIP12 ANTIBODY
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 (54) METHOD FOR PRODUCING BETA-TRYPSIN
 (51) Int. Cl.
C12N 9/76 (2006.01)
C07K 1/14 (2006.01)
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C07K 1/18 (2006.01)
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 (54) METHODS FOR TREATING MULTIPLE MYELOMA
 (51) Int. Cl.
 A61P 35/00 (2006.01)
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 A61P 25/00 (2006.01)
 C07D 471/04 (2006.01)
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 (54) MULTISPECIFIC ANTIBODIES FOR TARGETING CD28 AND PD-L1 AND METHODS OF USE THEREOF
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 A61K 31/19 (2006.01)
 A61P 23/00 (2006.01)
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 C07K 16/30 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C12N 15/13 (2006.01)
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 C07K 16/28 (2006.01)
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 E21D 20/00 (2006.01)
 E21B 7/02 (2006.01)
 E21B 17/00 (2006.01)
 E21B 19/00 (2006.01)
 E21B 19/08 (2006.01)
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C02F 1/52 (2023.01)
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A61K 35/17 (2015.01)
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F28D 20/00 (2006.01)
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A61F 2/44 (2006.01)
A61F 2/30 (2006.01)
A61L 27/04 (2006.01)
A61L 27/14 (2006.01)
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 A61K 45/00 (2006.01)
 A61K 31/428 (2006.01)
 A61P 25/04 (2006.01)
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 A61K 49/10 (2006.01)
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 C12N 9/48 (2006.01)
 C12N 9/50 (2006.01)
 C12P 21/02 (2006.01)
 C12R 1/84 (2006.01)
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 (54) CRYSTALLINE FORM I OF MELANOCORTIN RECEPTOR AGONIST COMPOUND, AND METHOD FOR PREPARING SAME
 (51) Int. Cl.
 C07D 403/06 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/10 (2006.01)
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 (54) CRYSTAL FORM IV OF MELANOCORTIN RECEPTOR AGONIST COMPOUND, AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
 C07D 403/06 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/10 (2006.01)
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 (54) AMORPHOUS MELANOCORTIN-4 RECEPTOR AGONIST
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 C07D 403/06 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/10 (2006.01)
 A61P 15/10 (2006.01)
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 C07D 403/06 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/10 (2006.01)
 A61P 15/10 (2006.01)
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 C07D 403/06 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/10 (2006.01)
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 (51) Int. Cl.
A61K 31/4155 (2006.01)
A61K 9/20 (2006.01)
A61P 1/00 (2006.01)
A61P 3/10 (2006.01)
A61P 9/04 (2006.01)
A61P 9/12 (2006.01)
A61P 13/12 (2006.01)
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F25D 23/04 (2006.01)
F25C 1/24 (2018.01)
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A01G 9/28 (2018.01)
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H10K 30/15 (2023.01)
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H10K 71/12 (2023.01)
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A22B 5/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
C12N 9/12 (2006.01)
C12N 9/22 (2006.01)
C12N 15/90 (2006.01)
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A61B 17/16 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 17/17 (2006.01)
A61B 90/00 (2016.01)
A61F 2/30 (2006.01)
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A61F 2/36 (2006.01)
A61F 2/46 (2006.01)
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A61K 31/352 (2006.01)
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E04G 21/18 (2006.01)
E04F 21/00 (2006.01)
E06B 1/60 (2006.01)
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A61K 39/395 (2006.01)
C07K 16/30 (2006.01)
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C12N 15/10 (2006.01)
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A61K 31/4706 (2006.01)
A61K 47/10 (2017.01)
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F17C 13/00 (2006.01)
B63B 25/08 (2006.01)
B63B 27/24 (2006.01)
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 (54) FLOATING BODY
 (51) Int. Cl.
F17C 13/04 (2006.01)
B63B 25/16 (2006.01)
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 (43) 19.05.2022
 (72) ABE Kazuya; MORIMOTO Shinsuke
 (74) Davies Collison Cave Pty Ltd
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- (71) MONOSOL, LLC
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 (54) WATER-SOLUBLE FILMS, WATER-SOLUBLE UNIT DOSE ARTICLES, AND METHODS OF MAKING AND USING THE SAME
 (51) Int. Cl.
C08J 5/18 (2006.01)
B65D 65/46 (2006.01)
C11D 17/04 (2006.01)
B29C 51/00 (2006.01)
B29C 51/10 (2006.01)
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G06T 7/00 (2017.01)
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A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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(11) AU-A-2021356474
(21) 2021356474 (22) 22.09.2021
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A23L 29/212 (2016.01)
A23L 7/157 (2016.01)
A23L 13/40 (2023.01)
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C07C 253/30 (2006.01)
C07C 29/38 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/502 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
A61P 3/10 (2006.01)
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C07D 471/04 (2006.01)
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(21) 2021381325 (22) 17.11.2021
(54) COMPOUNDS, COMPOSITIONS, AND METHODS FOR TREATING INFLAMMATORY OR IMMUNE-MEDIATED CONDITIONS OF SURFACE TISSUES
(51) Int. Cl.
A61K 31/496 (2006.01)
A61P 1/06 (2006.01)
A61P 17/00 (2006.01)
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(72) BASSAGANYA-RIERA, Josep; HONTECILLAS, Raquel; LEBER, Andrew
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2021368435
(21) 2021368435 (22) 26.10.2021
(54) WINDING IRON CORE, METHOD FOR MANUFACTURING WINDING IRON CORE, AND WINDING IRON CORE MANUFACTURING APPARATUS
(51) Int. Cl.
H01F 27/245 (2006.01)
H01F 41/02 (2006.01)
(87) WO2022/092096
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(43) 05.05.2022
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(74) Spruson & Ferguson
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(21) 2021368439 (22) 26.10.2021
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(51) Int. Cl.
H01F 27/245 (2006.01)
C21D 8/12 (2006.01)
C22C 38/00 (2006.01)
C22C 38/02 (2006.01)
C22C 38/60 (2006.01)
H01F 1/147 (2006.01)
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(11) AU-A-2021369233
(21) 2021369233 (22) 26.10.2021
(54) WOUND IRON CORE, MANUFACTURING METHOD FOR WOUND IRON CORE, AND WOUND IRON CORE MANUFACTURING DEVICE
(51) Int. Cl.
H01F 27/245 (2006.01)
H01F 41/02 (2006.01)
(87) WO2022/092119
(31) 2020-178562 (32) 26.10.20 (33) JP
(43) 05.05.2022
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(74) Spruson & Ferguson
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(11) AU-A-2021371520
(21) 2021371520 (22) 26.10.2021
(54) WOUND CORE, METHOD FOR MANUFACTURING WOUND CORE, AND WOUND CORE MANUFACTURING DEVICE
(51) Int. Cl.
H01F 27/245 (2006.01)
H01F 41/02 (2006.01)
(87) WO2022/092117
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(43) 05.05.2022
(72) IWAKI Masataka; MIZUMURA Takahito; MOGI Hisashi
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(54) WINDING IRON CORE, METHOD FOR MANUFACTURING WINDING IRON

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 (11) AU-A-2021348992
 (21) 2021348992 (22) 22.09.2021
 (54) FORMULATION FOR ORAL ADMINISTRATION
 (51) Int. Cl.
 A61K 31/135 (2006.01)
 A61K 9/20 (2006.01)
 A61K 9/24 (2006.01)
 A61P 25/04 (2006.01)
 (87) WO2022/065362
 (31) 2020-160583 (32) 25.09.20 (33) JP
 (43) 31.03.2022
 (72) ADACHI, Tsuyoshi; MITSUDA, Kenji; NAKANO, Hideshi
 (74) Griffith Hack
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- (71) NITROCAPT AB
 (11) AU-A-2021383282
 (21) 2021383282 (22) 22.11.2021
 (54) THERMAL REACTOR COMPRISING A GAS PERMEABLE CAGE ARRANGED TO INFLUENCE A FLOW PATH OF GAS
 (51) Int. Cl.
 B01J 12/00 (2006.01)
 B01J 19/12 (2006.01)
 (87) WO2022/108514
 (31) 2051365-1 (32) 23.11.20 (33) SE
 (43) 27.05.2022
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 (54) METHOD FOR THE SYNTHESIS OF NITROGEN OXIDES AND NITRIC ACID IN A THERMAL REACTOR
 (51) Int. Cl.
 C01B 21/20 (2006.01)
 C01B 21/30 (2006.01)
 C01B 21/38 (2006.01)
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 C12N 9/22 (2006.01)
 C12N 15/113 (2010.01)
 C12N 15/62 (2006.01)
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 (21) 2021364385 (22) 22.10.2021
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 A61K 47/24 (2006.01)
 A61K 9/51 (2006.01)
 A61K 47/42 (2017.01)
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 (54) COMPOUNDS AND COMPOSITIONS FOR THE TREATMENT OF CRYPTO-SPORIDIOSIS
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 C07D 471/04 (2006.01)
 A61K 31/437 (2006.01)
 A61P 33/02 (2006.01)
 C07D 487/04 (2006.01)
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 C07D 231/02 (2006.01)
 A61K 31/415 (2006.01)
 A61K 31/4155 (2006.01)
 A61P 35/00 (2006.01)
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 A61P 35/02 (2006.01)
 C07K 16/28 (2006.01)
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 A61P 35/02 (2006.01)
 C07K 14/00 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/40 (2006.01)
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 A61K 39/00 (2006.01)
 A61P 35/02 (2006.01)
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C07K 16/24 (2006.01)
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 (54) BAKED AND PAR-BAKED PRODUCTS WITH THERMOSTABLE AMG VARIANTS FROM PENICILLIUM
 (51) Int. Cl.
A21D 8/04 (2006.01)
A21D 13/062 (2017.01)
C12N 9/34 (2006.01)
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 (72) LUNDKVIST, Henrik; VARMING, Camilla; ANDERSEN, Carsten; SINIK, Hasim; ÖZCÖMLEKCI, Esra
 (74) Pearce IP Pty Ltd

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 (11) AU-A-2021374841
 (21) 2021374841 (22) 08.11.2021
 (54) STORAGE SYSTEM AND STORAGE CONTAINER
 (51) Int. Cl.
B65G 1/04 (2006.01)
A62C 3/00 (2006.01)
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A01M 21/02 (2006.01)
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 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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A61K 39/13 (2006.01)
C12N 7/00 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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C12N 15/50 (2006.01)
A61K 35/17 (2015.01)
A61K 39/215 (2006.01)
A61K 48/00 (2006.01)
A61P 31/14 (2006.01)
A61P 37/04 (2006.01)
A61P 43/00 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C12N 5/078 (2010.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) ABSORBENT ARTICLE WITH IMPROVED MULTI-LAYERED CORE
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A61F 13/534 (2006.01)
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 (11) AU-A-2021353913
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(54) STROKE TREATMENT
 (51) Int. Cl.
A61K 9/00 (2006.01)
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A61L 24/00 (2006.01)
A61L 24/08 (2006.01)
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 (54) Method for producing hypereutectoid steel rail resistant to contact fatigue
 (51) Int. Cl.
C21D 6/00 (2006.01)
B21H 8/00 (2006.01)
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 (54) MULTI-PHASE TRAINING TECHNIQUES FOR MACHINE LEARNING MODELS USING WEIGHTED TRAINING DATA
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G06N 3/08 (2023.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.
G06F 16/10 (2019.01)
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 (31) 17/096,208 (32) 12.11.20 (33) US
 (43) 19.05.2022
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2021366685
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 (54) BEVERAGE COMPOSITIONS COMPRISING A PRINTED IMAGE AND METHODS OF MAKING THE SAME
 (51) Int. Cl.

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A23C 11/02 (2006.01)
A23L 2/38 (2021.01)
A23L 5/42 (2016.01)
A23P 30/40 (2016.01)
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(72) BHUTANI, Gurmeet Singh; PARIKH, Dewang
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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(21) 2021368136 (22) 01.11.2021
(54) FLUORINE-FREE FIREFIGHTING FOAMS CONTAINING ONE OR MORE BIOPOLYMERS
(51) Int. Cl.
A62D 1/02 (2006.01)
C08G 77/392 (2006.01)
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- (71) PETERSON MANUFACTURING COMPANY
(11) AU-A-2021364381
(21) 2021364381 (22) 22.10.2021
(54) POWER ROUTING MODULE WITH PORTS
(51) Int. Cl.
H01R 12/70 (2011.01)
H01R 12/58 (2011.01)
H01R 12/71 (2011.01)
H01R 25/00 (2006.01)
H05K 5/00 (2006.01)
H05K 5/03 (2006.01)
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(72) ARMACOST, David S.; ADAMS, Cory D.
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(21) 2021368151 (22) 25.10.2021
(54) <i>ESCHERICHIA COLI</i> </i> COMPOSITIONS AND METHODS THEREOF
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C07K 14/245 (2006.01)
C07K 14/26 (2006.01)
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(21) 2021373358 (22) 01.11.2021
(54) IMMUNOGENIC COMPOSITIONS FOR USE IN PNEUMOCOCCAL VACCINES
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A61K 39/09 (2006.01)
A61P 31/00 (2006.01)
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(54) COMPOSITIONS FOR IMPROVED DELIVERY OF CGRP INHIBITORS
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A61K 31/416 (2006.01)
A61K 31/435 (2006.01)
A61K 31/445 (2006.01)
A61K 31/47 (2006.01)
A61K 31/551 (2006.01)
A61K 47/26 (2006.01)
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63/126,550 17.12.20 US
(43) 27.05.2022
(72) CONWAY, Charles M.; DUBOWCHIK, Gene M.; KUMAR, Rajesh
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) PHILIP MORRIS PRODUCTS S.A.
(11) AU-A-2021359804
(21) 2021359804 (22) 29.07.2021
(54) LIQUID NICOTINE FORMULATION AND CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM
(51) Int. Cl.
A24B 15/167 (2020.01)
A24C 5/01 (2020.01)
A24D 1/20 (2020.01)
A24F 40/10 (2020.01)
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(31) 20202428.7 (32) 16.10.20 (33) EP
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(74) James & Wells Intellectual Property
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- (54) NOVEL AEROSOL-GENERATING SUBSTRATE
(51) Int. Cl.
A24B 9/00 (2006.01)
A24B 3/14 (2006.01)
A24B 15/14 (2006.01)
A24B 15/167 (2020.01)
A24D 1/00 (2020.01)
A24F 40/20 (2020.01)
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(31) 20204612.4 (32) 29.10.20 (33) EP
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(72) BOVET, Lucien; GOEPFERT, Simon; HILFIKER, Aurore; LANGLET, Delphine
(74) James & Wells Intellectual Property
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- (71) PRECISION VALVE CORPORATION
(11) AU-A-2021369563
(21) 2021369563 (22) 02.11.2021
(54) MECHANICAL BREAKUP ACTUATOR WITH DISRUPTIVE VORTEX CHAMBER
(51) Int. Cl.
B05B 1/34 (2006.01)
B05B 7/02 (2006.01)
B05B 7/04 (2006.01)
B05B 7/10 (2006.01)
B05B 7/24 (2006.01)
B05B 11/00 (2023.01)
B65D 83/14 (2006.01)
- (87) WO2022/094447
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(72) FORE, John, B.
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021378963
(21) 2021378963 (22) 12.11.2021
(54) SPRAY DELIVERY SYSTEM
(51) Int. Cl.
B65D 83/20 (2006.01)
B05B 1/00 (2006.01)
B05B 1/30 (2006.01)
B05B 1/34 (2006.01)
B65D 83/00 (2006.01)
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B65D 83/16 (2006.01)
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(31) 63/112,748 (32) 12.11.20 (33) US
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(72) FORE, John B.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) PRESBY, D.W.
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(21) 2021377130 (22) 31.03.2021
(54) LOADING/UNLOADING DEVICE FOR A DELIVERY VEHICLE
(51) Int. Cl.
B60P 1/44 (2006.01)
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(72) PRESBY, David William
(74) Adams Pluck

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 (11) AU-A-2021366505
 (21) 2021366505 (22) 20.10.2021
 (54) USE OF PRIDOPIDINE AND ANALOGS FOR THE TREATMENT OF ANXIETY AND DEPRESSION
 (51) Int. Cl.
A61K 31/451 (2006.01)
A61P 25/14 (2006.01)
A61P 25/22 (2006.01)
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 (43) 28.04.2022
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 (74) Griffith Hack
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- (71) PROLECTRIC SERVICES LTD
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 (21) 2021348220 (22) 22.09.2021
 (54) METHODS OF MANAGING THE POWER REQUIREMENTS OF OFF-GRID ASSEMBLIES AND OFF-GRID ASSEMBLIES EMPLOYING SUCH
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H02J 7/00 (2006.01)
H02J 9/06 (2006.01)
H05B 47/105 (2020.01)
 (87) WO2022/063855
 (31) 2014959.7 (32) 22.09.20 (33) GB
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 (11) AU-A-2021369560
 (21) 2021369560 (22) 01.11.2021
 (54) METHODS AND COMPOSITIONS FOR TREATMENT OF LUPUS
 (51) Int. Cl.
A61P 37/00 (2006.01)
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A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
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 (54) SPORTS IMPLEMENT HAVING ASYMMETRIC GRIP
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A63B 60/12 (2015.01)
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 (43) 05.05.2022
 (72) PHELAN, Gerald, Leo; SASLOW, Ronald; SASLOW, Joseph
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) PURDUE RESEARCH FOUNDATION
 (11) AU-A-2021369193
 (21) 2021369193 (22) 26.08.2021
 (54) COMPOUNDS, COMPOSITIONS AND METHODS OF USE TO TREAT SPINAL FUSIONS
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A61K 38/29 (2006.01)
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A61P 19/08 (2006.01)
 (87) WO2022/093374
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H04N 19/147 (2014.01)
H04N 19/176 (2014.01)
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F02B 53/04 (2006.01)
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E21C 25/00 (2006.01)
B66C 13/12 (2006.01)
E02F 1/00 (2006.01)
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A61K 47/54 (2017.01)
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A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
C07K 14/435 (2006.01)
C12N 15/86 (2006.01)
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A61B 5/11 (2006.01)
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G06T 7/00 (2017.01)
G16H 30/00 (2018.01)
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C01G 3/00 (2006.01)
C01B 32/40 (2017.01)
C01G 9/00 (2006.01)
C01G 15/00 (2006.01)

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C01G 49/00 (2006.01)
C01G 51/00 (2006.01)
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 BABA Eisuke
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 SANTONI, Stefania
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 KAAAN, Wouter Jan; RESOORT, Mike
(74) LAMINAR IP PTY LTD
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 ment Research Institute Co., Ltd.; Ad-
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 Academy of Sciences
(11) AU-A-2021290246
(21) 2021290246 **(22)** 01.12.2021
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 shedding film overlaying agent, film
 overlaying system and film overlaying
 method
(51) Int. Cl.
B28B 11/04 (2006.01)
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C07D 277/82 (2006.01)
A61K 31/428 (2006.01)
A61K 31/47 (2006.01)
A61P 25/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 215/38 (2006.01)
C07D 217/06 (2006.01)
C07D 401/12 (2006.01)
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A61K 33/242 (2019.01)
A61K 47/62 (2017.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
(87) WO2022/110022
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(72) SUN, Taolei
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 LTD.
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(21) 2021385841 **(22)** 16.08.2021
(54) GOLD CLUSTERS, COMPOSITIONS,
 AND METHODS FOR TREATMENT
 OF CEREBRAL STROKES
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A61K 33/242 (2019.01)
A61K 47/18 (2017.01)
A61K 47/54 (2017.01)
A61P 9/00 (2006.01)
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(54) DRYING MACHINE
(51) Int. Cl.
A01K 1/03 (2006.01)
A01K 13/00 (2006.01)
A61L 2/20 (2006.01)
A61L 9/03 (2006.01)
A61L 101/10 (2006.01)
(87) WO2022/057926
(31) 202010992640.0 **(32)** 21.09.20 **(33)** CN
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(43) 24.03.2022
(72) LIU, Kun
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 ICAL CO., LTD.; CHENGDU HYPER-
 WAY PHARMACEUTICALS CO., LTD.;
 SHENZHEN HYPERWAY PHARMA-
 CEUTICALS CO., LTD.
(11) AU-A-2021407690
(21) 2021407690 **(22)** 27.10.2021
(54) PYRROLE DERIVATIVE, AND PRE-
 PARATION METHOD AND USE
 THEREFOR
(51) Int. Cl.
C07D 498/04 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5383 (2006.01)
A61P 31/10 (2006.01)
C07D 487/04 (2006.01)
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 SONG, Zhiquan; YI, Shoubing; YUAN,
 Chenguang; LI, Yingfu
(74) Madderns Pty Ltd
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(54) A RESONANCE ANTIMICROBIAL
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(51) Int. Cl.
A01N 59/16 (2006.01)
A01N 59/20 (2006.01)
A61L 2/08 (2006.01)
A61L 2/232 (2006.01)
B01J 21/06 (2006.01)
B01J 35/00 (2006.01)
B82Y 30/00 (2011.01)

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(72) SIAW, Ah Eng	(74) FB Rice Pty Ltd	(72) ASSOUAD, Patrick		
(74) GLMR		(74) mdp Patent and Trade Mark Attorneys		
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(71) SICHUAN UNIVERSITY	(71) SNIPR BIOME APS	(71) ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC.		
(11) AU-A-2021398814	(11) AU-A-2021348243	(11) AU-A-2021347238		
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(54) NOVEL INTERMEDIATE, PREPARATION METHOD FOR SAME, AND APPLICATIONS THEREOF	(54) SYNTHETIC VIRUSES	(54) SUBSTITUTED N-(2-(2,6-DIOXOPIPERIDIN-3-YL)-1,3-DIOXOISODOLIN-5-YL)ARYLSULFONAMIDE ANALOGS AS MODULATORS OF CEREBLON PROTEIN		
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.		
C07D 221/28 (2006.01)	C12N 7/00 (2006.01)	C07D 401/04 (2006.01)		
C07D 489/08 (2006.01)	A01N 63/40 (2020.01)	A61K 31/403 (2006.01)		
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(21) 2021360251 (22) 15.10.2021	(21) 2021349421 (22) 24.09.2021			
(54) SUPPRESSOR FOR A FIREARM	(54) EVENT REPRESENTATION IN EMBODIED AGENTS			
(51) Int. Cl.	(51) Int. Cl.			
F41A 21/30 (2006.01)	G06F 40/30 (2020.01)			
F41A 13/00 (2006.01)	G06N 3/08 (2023.01)			
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(74) PHILLIPS ORMONDE FITZPATRICK	(43) 31.03.2022			
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(54) SELF SERVICE KIOSK	(54) SYSTEM AND METHOD FOR ADAPTIVE USER EXPERIENCE CYCLE PROFILING UNDER ANOMALOUS ENVIRONMENTAL RESPIRATORY CONDITIONS			
(51) Int. Cl.	(51) Int. Cl.			
G07F 11/54 (2006.01)	A61B 5/00 (2006.01)			
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(54) TOWING ARRANGEMENT FOR A TOWING VEHICLE, SYSTEM, TRAILER, AND METHOD	(54) OPTICAL DEVICE, SYSTEM AND METHOD FOR MONITORING BLOOD-BORNE CHROMOPHORES			
(51) Int. Cl.	(51) Int. Cl.			
B60D 1/46 (2006.01)	A61B 5/00 (2006.01)			
B62D 53/06 (2006.01)	(87) WO2022/082323			
E02F 9/00 (2006.01)	(31) 63/105,223 (32) 24.10.20 (33) US			
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(54) COATED HAIR AND USE THEREOF				
(51) Int. Cl.				
A61F 2/10 (2006.01)				
A61K 8/64 (2006.01)				
A61L 27/22 (2006.01)				
A61L 27/34 (2006.01)				
A61L 27/36 (2006.01)				
A61Q 5/00 (2006.01)				
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A61K 9/127 (2006.01)
C07K 14/71 (2006.01)
C12N 5/078 (2010.01)
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F16L 1/18 (2006.01)
B21C 37/15 (2006.01)
B23K 1/00 (2006.01)
F16L 1/20 (2006.01)
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- (74) Allens Patent & Trade Mark Attorneys
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A23L 33/105 (2016.01)
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A61P 3/02 (2006.01)
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C12G 3/04 (2019.01)
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H04W 12/37 (2021.01)
H04W 8/18 (2009.01)
H04W 12/40 (2021.01)
H04W 88/02 (2009.01)
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B60G 17/016 (2006.01)
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- (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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A61B 5/055 (2006.01)
G16H 30/20 (2018.01)
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E21B 7/24 (2006.01)
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A61B 8/12 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 A61K 39/12 (2006.01)
 A61K 39/245 (2006.01)
 A61P 31/22 (2006.01)
 C07K 14/005 (2006.01)
 C12N 7/00 (2006.01)
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 (11) AU-A-2021368746
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 (54) STAT-ACTIVATED MACROPHAGES, COMPOSITIONS, AND USES THEREOF
 (51) Int. Cl.
 A61P 35/00 (2006.01)
 A61K 31/00 (2006.01)
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 (31) 63/108,027 (32) 30.10.20 (33) US
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 (74) Davies Collison Cave Pty Ltd
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- (71) THE GILLETTE COMPANY LLC
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 (21) 2021373195 (22) 04.11.2021
 (54) HANDLE FOR A PERSONAL CARE IMPLEMENT AND PERSONAL CARE IMPLEMENT
 (51) Int. Cl.
 A46B 5/00 (2006.01)
 A46B 5/02 (2006.01)
 B29C 45/16 (2006.01)
 (87) WO2022/099273
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 (74) AJ PARK
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 (54) HANDLE FOR A PERSONAL CARE IMPLEMENT AND PERSONAL CARE IMPLEMENT
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 A46B 5/02 (2006.01)
 B29C 45/16 (2006.01)
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 (54) HANDLE FOR A PERSONAL CARE IMPLEMENT AND PERSONAL CARE IMPLEMENT
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 A46B 5/00 (2006.01)
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 B29C 45/16 (2006.01)
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 (54) POLYMERIC HANDLE MATERIAL AND USE THEREOF
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 B29C 45/16 (2006.01)
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 A61K 31/132 (2006.01)
 A61K 31/164 (2006.01)
 A61K 31/455 (2006.01)
 A61P 1/16 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/06 (2006.01)
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 C12N 15/50 (2006.01)
 A61K 39/215 (2006.01)
 A61P 31/12 (2006.01)
 A61P 31/14 (2006.01)
 A61P 37/04 (2006.01)
 C07K 14/115 (2006.01)
 C07K 14/165 (2006.01)
 C12N 7/01 (2006.01)

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C12N 9/16 (2006.01)
C12N 15/01 (2006.01)
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C12N 15/55 (2006.01)
C12Q 1/6869 (2018.01)
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A61P 37/04 (2006.01)
C07K 14/115 (2006.01)
C07K 14/165 (2006.01)
C12N 7/01 (2006.01)
C12N 7/04 (2006.01)
C12N 7/08 (2006.01)
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A61K 8/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
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B33Y 70/10 (2020.01)
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A61L 27/24 (2006.01)
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G06F 21/32 (2013.01)
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(31) 17/075,347 (32) 20.10.20 (33) US
(43) 28.04.2022
(72) GINDLER, David; HAIRSTON, Hob; FIEGLEIN, Henry; CISEK, Lukasz
(74) Davies Collison Cave Pty Ltd

(71) WEIR MINERALS AUSTRALIA LTD
(11) AU-A-2021386468
(21) 2021386468 (22) 30.11.2021
(54) COMPLEX MATERIALS
(51) Int. Cl.
C04B 35/56 (2006.01)
C22C 29/02 (2006.01)
G16C 20/30 (2019.01)
G16C 20/70 (2019.01)
G16C 60/00 (2019.01)
(87) WO2022/109685
(31) 2020904431 (32) 30.11.20 (33) AU

(43) 02.06.2022
(72) LI, Dongyang; TANG, Yunqing; LIU, Ruiliang; ZHANG, Dong; TANG, Xinhui
(74) WEIR MINERALS AUSTRALIA LTD

(71) WELLTEC A/S
(11) AU-A-2021354892
(21) 2021354892 (22) 28.09.2021
(54) DOWNHOLE POSITIVE DISPLACEMENT PUMP
(51) Int. Cl.
E21B 33/127 (2006.01)
(87) WO2022/069480
(31) 20199041.3 (32) 29.09.20 (33) EP
(43) 07.04.2022
(72) HALLUNDBÆK, Jørgen
(74) GLMR

(71) WELLTEC OILFIELD SOLUTIONS AG
(11) AU-A-2021353037
(21) 2021353037 (22) 29.09.2021
(54) ANNULAR BARRIER WITH PRESSURE-INTENSIFYING UNIT
(51) Int. Cl.
E21B 33/12 (2006.01)
E21B 33/127 (2006.01)
E21B 34/10 (2006.01)
E21B 34/12 (2006.01)
(87) WO2022/069547
(31) 20199212.0 (32) 30.09.20 (33) EP
20200097.2 05.10.20 EP
(43) 07.04.2022
(72) HALLUNDBÆK, Jørgen; KUMAR, Satish
(74) GLMR

(71) WHOOP, INC.
(11) AU-A-2021361171
(21) 2021361171 (22) 16.10.2021
(54) PHYSIOLOGICAL MONITORING SYSTEMS
(51) Int. Cl.
A61B 5/00 (2006.01)
(87) WO2022/082077
(31) 63/210,836 (32) 15.06.21 (33) US
63/093,020 16.10.20 US
63/137,993 15.01.21 US
(43) 21.04.2022
(72) WIESE, Daniel Philip; CAPODILUPO, John Vincenzo; GENNACO, Jillian; KEETELL, Stacey K.; GAMBIE, Stephen Ronald; NICOLAE, Aurelian; PETERSON, Benjamin August Rothenberg; TONDERYS, Daniel; KECHEJIAN, Anahis
(74) AJ PARK

(71) WIDMO SPECTRAL TECHNOLOGIES SP. Z O.O.
(11) AU-A-2020474919
(21) 2020474919 (22) 02.11.2020
(54) DEVICE FOR RADIOLOCATION OF OBJECTS IN SPACE AND A GPR SYSTEM
(51) Int. Cl.
G01S 13/88 (2006.01)
G01S 13/32 (2006.01)

G01V 3/12 (2006.01)
(87) WO2022/090786
(43) 05.05.2022
(72) KUŁAK, Andrzej
(74) Acacia Law

(71) WINBO-Dongjian Automotive Technology Co., Ltd.
(11) AU-A-2021449517
(21) 2021449517 (22) 29.11.2021
(54) Rocker footboard device and vehicle
(51) Int. Cl.
B60R 3/00 (2006.01)
(31) 202111351509.7 (32) 15.11.21 (33) CN
(43) 01.06.2023
(72) CHEN, Yongbo; LAI, Peiquan; LIANG, Yongxin; YANG, Jie
(74) Madderns Pty Ltd

(71) WM & DG, INC.
(11) AU-A-2021360643
(21) 2021360643 (22) 12.10.2021
(54) LARYNGOSCOPE AND INTUBATION METHODS
(51) Int. Cl.
A61B 1/267 (2006.01)
(87) WO2022/081509
(31) 63/090,560 (32) 12.10.20 (33) US
17/215,521 29.03.21 US
(43) 21.04.2022
(72) MOLNAR, Robert W.
(74) FPA Patent Attorneys Pty Ltd

(71) WS SLOT SA
(11) AU-A-2021381703
(21) 2021381703 (22) 15.11.2021
(54) APPARATUS FOR THE ELECTROLYTIC PRODUCTION OF HYDROGEN
(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
C25B 9/23 (2021.01)
C25B 9/65 (2021.01)
(87) WO2022/106975
(31) 20208730.0 (32) 19.11.20 (33) EP
(43) 27.05.2022
(72) CUARTERO GARCIA-MORATO, Ricardo
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
(11) AU-A-2021349653
(21) 2021349653 (22) 24.06.2021
(54) FREQUENCY MODULATION CONTROL METHOD AND DEVICE FOR WIND FARM
(51) Int. Cl.
H02J 3/24 (2006.01)
(87) WO2022/062509
(31) 202011002768.4 (32) 22.09.20 (33) CN
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(72) ZUO, Meiling
(74) Madderns Pty Ltd

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- (71) YOKOGAWA ELECTRIC CORPORATION
 (11) AU-A-2021365682
 (21) 2021365682 (22) 15.09.2021
 (54) WATER TREATMENT METHOD AND WATER TREATMENT APPARATUS
 (51) Int. Cl.
C02F 1/44 (2023.01)
B01D 61/58 (2006.01)
C02F 1/58 (2023.01)
C02F 1/68 (2023.01)
 (87) WO2022/085343
 (31) 2020-175783 (32) 20.10.20 (33) JP
 (43) 28.04.2022
 (72) MATSUI Yasuhiro
 (74) FB Rice Pty Ltd
- A61K 31/4523* (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/497 (2006.01)
A61K 31/551 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 401/14 (2006.01)
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C07D 417/04 (2006.01)
 (87) WO2022/089225
 (31) 202011199799.3 (32) 30.10.20 (33) CN
 (43) 05.05.2022
 (72) LIN, Xingyu; LU, Tingting
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

- (71) ZAZZLE INC.
 (11) AU-A-2021360962
 (21) 2021360962 (22) 14.10.2021
 (54) SYSTEM AND METHOD FOR AUTOMATICALLY CONFIGURING CUSTOM PRODUCT OPTIONS BASED ON USER ACTIONS
 (51) Int. Cl.
G06Q 30/06 (2023.01)
G06F 16/904 (2019.01)
G06F 16/9535 (2019.01)
G06F 16/9538 (2019.01)
 (87) WO2022/081916
 (31) 63/092,382 (32) 15.10.20 (33) US
 (43) 21.04.2022
 (72) PAPAIE III, Antonio; NAKANO, Lisa; LI, Jason; PASHCHENKO, Irena; DIFONZO, Matt; BURGESS, Brent; COLLETTE, Christopher
 (74) Ellis Terry
- (71) ZIMMER, INC.
 (11) AU-A-2021378282
 (21) 2021378282 (22) 10.11.2021
 (54) BI-SPRING SURGICAL IMPACT TOOL
 (51) Int. Cl.
A61B 17/92 (2006.01)
A61B 17/00 (2006.01)
 (87) WO2022/103835
 (31) 63/111,789 (32) 10.11.20 (33) US
 (43) 19.05.2022
 (72) SLOCUM, Alexander; OBLAS, Nicholas; O'DONNELL, Tom
 (74) PHILLIPS ORMONDE FITZPATRICK

- (71) ZHUHAI UNITED LABORATORIES CO., LTD.
 (11) AU-A-2021348707
 (21) 2021348707 (22) 28.09.2021
 (54) CRYSTAL FORM OF PYRIDINYLPHENYL COMPOUND AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
C07D 213/00 (2006.01)
A61K 31/136 (2006.01)
A61P 27/00 (2006.01)
 (87) WO2022/063325
 (31) 202011044638.7 (32) 28.09.20 (33) CN
 (43) 31.03.2022
 (72) LI, Peng; LI, Xiaolin; LUO, Zhi; HE, Haiying; HU, Guoping; LI, Jian; CHEN, Shuhui
 (74) Griffith Hack

- (71) ZHUHAI YUFAN BIOTECHNOLOGIES CO., LTD
 (11) AU-A-2021367554
 (21) 2021367554 (22) 15.10.2021
 (54) DEUTERATED HPK1 KINASE INHIBITOR, AND PREPARATION METHOD THEREFOR AND USE THEREOF
 (51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/4427 (2006.01)
A61K 31/4433 (2006.01)
A61K 31/444 (2006.01)

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2021340725	EDWARDS LIFESCIENCES CORPORATION	2021350085	AUBURN UNIVERSITY
2021340791	ARRAY TECHNOLOGIES, INC.	2021350142	ABUNDIA BIOMASS-TO-LIQUIDS LIMITED
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2021343008	CHUGAI SEIYAKU KABUSHIKI KAISHA	2021350485	INTEGRA METERING AG
2021343234	TAN, S.; YU, H.	2021350494	RENTOKIL INITIAL 1927 PLC
2021343270	KONINKLIJKE PHILIPS N.V.	2021350637	METAGENOMI, INC.
2021343287	CATALENT U.K. SWINDON ZYDIS LIMITED	2021350736	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
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2021344762	BIO N IP PTY LTD	2021352146	BETAGENON BIO AB
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2021344858	RENTOKIL INITIAL 1927 PLC	2021352334	CODA INTELLECTUAL PROPERTY B.V.
2021344872	BIOLYTICAL LABORATORIES INC.	2021352409	S&C ELECTRIC COMPANY
2021345273	BETTER VET LLC	2021352446	MCARTHUR, J.W.
2021345339	INSTITUTE FOR BASIC SCIENCE	2021352535	BEIGENE, LTD.
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2021346852	ABUNDIA BIOMASS-TO-LIQUIDS LIMITED	2021354418	SUNTORY HOLDINGS LIMITED
2021346871	LESAFFRE ET COMPAGNIE	2021354827	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
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2021346908	IP2IPO INNOVATIONS LIMITED	2021354936	TRANSPORT ANALYSIS LTD
2021346966	AG PLENUS LTD	2021355470	ENCLEAR THERAPIES, INC.
2021347140	MICRONIZATION TECHNOLOGIES AND THERAPEUTICS GROUP LLC	2021355474	VEEDER-ROOT COMPANY
2021347238	ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC.	2021355476	BESSOR PHARMA, LLC
2021347246	NFLECTION THERAPEUTICS, INC.	2021355516	JOY GLOBAL UNDERGROUND MINING LLC
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2021355576	CCTEG XI'AN RESEARCH INSTITUTE (GROUP) CO., LTD	2021361624	SUNTORY HOLDINGS LIMITED
2021355767	INSTITUTO FINLAY DE VACUNAS; CENTRO DE INMUNOLOGÍA MOLECULAR; UNIVERSIDAD DE LA HABANA	2021361821	ROHM AND HAAS COMPANY; DOW GLOBAL TECHNOLOGIES LLC
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2021356478	THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH	2021362248	R.P. SCHERER TECHNOLOGIES, LLC
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2021357699	IN2BONES USA, LLC	2021362991	ADAMA AGAN LTD.
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2021358524	SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE)	2021363887	LG ELECTRONICS INC.
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2021367714	LG CHEM, LTD.	2021373358	PFIZER INC.
2021367835	AUMA RIESTER GMBH & CO. KG	2021373366	NOVARTIS AG
2021367887	CYTUNE PHARMA	2021373475	KOBAYASHI PHARMACEUTICAL CO., LTD.
2021367950	ELC MANAGEMENT LLC	2021373621	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA
2021368009	SANDVIK MINING AND CONSTRUCTION OY	2021373785	GRAPHIC PACKAGING INTERNATIONAL, LLC
2021368016	KEMIRA OYJ	2021373908	THE GILLETTE COMPANY LLC
2021368128	APPLIED MEDICAL RESOURCES CORPORATION	2021373954	BRUCKBAUER, W.
2021368136	PERIMETER SOLUTIONS LP	2021374046	ETH ZÜRICH
2021368151	PFIZER INC.	2021374083	NOVARTIS AG
2021368261	NAVIN SAXENA RESEARCH & TECHNOLOGY PVT. LTD.	2021374084	AQUARIUS SPECTRUM LTD.
2021368435	NIPPON STEEL CORPORATION	2021374260	LG CHEM, LTD.
2021368439	NIPPON STEEL CORPORATION	2021374590	GENENTECH, INC.
2021368658	APPLIED MEDICAL RESOURCES CORPORATION	2021374592	GENENTECH, INC.
2021368704	KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION	2021374594	GENENTECH, INC.
2021368740	ARBOR BIOTECHNOLOGIES, INC.	2021374676	TEREX SOUTH DAKOTA, INC.
2021368746	THE GEORGE WASHINGTON UNIVERSITY, A CONGRESSIONALLY CHARTERED NOT-FOR-PROFIT CORPORATION	2021374824	HARBOUR ANTIBODIES BV; ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM; LEIDEN UNIVERSITY MEDICAL CENTER
2021368750	ARBOR BIOTECHNOLOGIES, INC.	2021374841	OCADO INNOVATION LIMITED
2021369193	PURDUE RESEARCH FOUNDATION	2021375064	THE GILLETTE COMPANY LLC
2021369233	NIPPON STEEL CORPORATION	2021375268	RENESENCIENCE A/S
2021369310	INGREDIA	2021375281	ETHRIS GMBH
2021369507	KITE PHARMA, INC.	2021375405	SEETREAT PTY LTD
2021369556	REGENERON PHARMACEUTICALS, INC.	2021375768	THE GILLETTE COMPANY LLC
2021369560	PROVENTION BIO, INC.; MACROGENICS, INC.	2021376050	MONSANTO TECHNOLOGY LLC
2021369563	PRECISION VALVE CORPORATION	2021376377	THE GILLETTE COMPANY LLC
2021369761	SUBSEA 7 LIMITED	2021376378	THE GILLETTE COMPANY LLC
2021369823	BRISTOL-MYERS SQUIBB COMPANY	2021376499	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
2021369828	APPLIED MEDICAL RESOURCES CORPORATION	2021376527	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021369835	JANUX THERAPEUTICS, INC.	2021376534	GREENWOOD-POWER GMBH
2021369840	ARBOR BIOTECHNOLOGIES, INC.	2021377024	mitsubishi shipbuilding co., ltd.
2021369864	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.	2021377130	PRESBY, D.W.
2021370071	LG CHEM, LTD.	2021377338	TERRAN BIOSCIENCES, INC.; UNIVERSITY OF OTTAWA INSTITUTE OF MENTAL HEALTH RESEARCH; THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY; TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; THE RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC.
2021370072	LG CHEM, LTD.	2021377712	HANMI PHARM. CO., LTD.
2021370162	DUTCH WAVE POWER B.V.	2021378088	HEMOTEQ AG
2021370173	AZELIO AB	2021378282	ZIMMER, INC.
2021370178	NATIONAL UNIVERSITY OF SINGAPORE	2021378316	NOVARTIS AG
2021370213	RWE GENERATION NL B.V.	2021378707	HANMI PHARM. CO., LTD.
2021370358	N.V. NUTRICIA	2021378963	PRECISION VALVE CORPORATION
2021370481	ALIBABA GROUP HOLDING LIMITED	2021379265	UNIVERSIDADE DO MINHO
2021370625	NEPTUNE BIOSCIENCES LLC; KILLEEN, N.; BESKE, O.; VOLLRATH, B.K.; GOVINDARAJAN, S.	2021379607	CHEVRON U.S.A. INC.
2021370820	DSM IP ASSETS B.V.	2021380005	BIONTECH SE
2021370867	JOY GLOBAL UNDERGROUND MINING LLC		
2021371022	THOMSON REUTERS ENTERPRISE CENTRE GMBH		
2021371307	REGENXBIO, INC.		
2021371313	RITE-HITE HOLDING CORPORATION		
2021371450	ELYSIS LIMITED PARTNERSHIP		
2021371520	NIPPON STEEL CORPORATION		

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2021380154	NEWTRAX TECHNOLOGIES INC.	2022210575	NITROCAPT AB
2021380655	PAYPAL, INC.	2022215193	Pangang Group Panzhihua Iron & Steel Research Institute Co., Ltd.
2021380659	KENJOCKETY BIOTECHNOLOGY, INC.	2022219920	ATTACHE HOLDINGS LLC
2021380731	CHEVRON U.S.A. INC.	2022224306	F. HOFFMANN-LA ROCHE AG
2021381325	NIMMUNE BIOPHARMA, INC.	2022227684	HALLIBURTON ENERGY SERVICES, INC.
2021381703	WS SLOT SA	2022244795	NANTONG JIANGSHAN AGROCHEMICAL & CHEMICALS CO., LTD.
2021381729	KAO CORPORATION	2022253636	VERSALIS S.P.A.
2021382100	TotalEnergies OneTech	2022328071	LG ENERGY SOLUTION, LTD.
2021382101	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2021382107	MAREL RED MEAT B.V.		
2021382397	UNIVERSITÉ GRENOBLE ALPES; INSERM - INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE		
2021382793	CISCO TECHNOLOGY, INC.		
2021383282	NITROCAPT AB		
2021383518	ANDREASSON, J.		
2021384001	DEB IP LIMITED		
2021384021	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2021384022	NOVARTIS AG		
2021385052	PFIZER IRELAND PHARMACEUTICALS		
2021385841	SHENZHEN PROFOUND VIEW PHARMACEUTICAL TECHNOLOGY CO., LTD.		
2021385933	ELECTRICAL SUBSEA & DRILLING AS		
2021386293	DUPONT NUTRITION BIOSCIENCES APS		
2021386415	FERROSAN MEDICAL DEVICES A/S		
2021386468	WEIR MINERALS AUSTRALIA LTD		
2021386547	ELECTROLUX APPLIANCES AKTIEBOLAG		
2021386665	FABER S.P.A.		
2021387072	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.		
2021387526	INSTANTPADEL IN SWEDEN AB		
2021387795	INNATE PHARMA		
2021388787	BOREALIS AG		
2021388803	CAPSUGEL BELGIUM NV		
2021390018	CASALE SA		
2021390614	SUZHOU VINCENTAGE PHARMA CO., LTD		
2021390781	SANDVIK MINING AND CONSTRUCTION OY		
2021391415	BRIGGS AND RILEY TRAVELWARE, LLC		
2021398436	CJ CHEILJEDANG CORPORATION		
2021398474	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2021398814	SICHUAN UNIVERSITY		
2021399002	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2021401959	MONOSOL, LLC		
2021402831	HUYCK LICENSCO INC.		
2021402996	MONOSOL, LLC		
2021405491	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2021406651	CHONGQING HAIFU MEDICAL TECHNOLOGY CO., LTD.		
2021407690	SHENZHEN SUNGENING BIO-MEDICAL CO., LTD.; CHENGDU HYPERWAY PHARMACEUTICALS CO., LTD.; SHENZHEN HYPERWAY PHARMACEUTICALS CO., LTD.		
2021409569	AMGEN INC.; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		
2021410045	STRANDS HAIR CARE		
2021410048	QUALCOMM INCORPORATED		
2021412144	CDGM GLASS CO., LTD		
2021426714	HALLIBURTON ENERGY SERVICES, INC.		
2021432509	LANG FANG JING LONG GRAND INDUSTRIAL MACHINERY CO., LTD.		
2021432775	HALLIBURTON ENERGY SERVICES, INC.		
2021438106	HALLIBURTON ENERGY SERVICES, INC.		
2021439602	TOTAL BIOTECNOLOGIA INDÚSTRIA E COMÉRCIO S/A		
2021444096	DATE, D.		
2021449517	WINBO-Dongjian Automotive Technology Co., Ltd.		
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2021377712	<u>A61K 51 /-</u>	<u>A61M 11 /-</u>	2021371829	2021359129	2021357695
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2021387795	2021359638	2021347955	<u>A61P 17 /-</u>	2021365128	2021361384
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	2021345867	2021357734	2021350271	2021349884	<u>A61Q 19 /-</u>
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<u>B01D 46 /-</u>	<u>B05B 1 /-</u>	<u>B33Y 70 /-</u>	2021355525	<u>C01B 3 /-</u>	<u>C07C 255 /-</u>
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<u>B01D 47 /-</u>	2021378963	2021363120	2021361597	2021370213	<u>C07C 29 /-</u>
2021372817	<u>B05B 11 /-</u>	2021365763	<u>B63B 25 /-</u>	<u>C01B 32 /-</u>	2021364337
<u>B01D 50 /-</u>	2021369563	<u>B33Y 80 /-</u>	2021371586	2021350268	2021382100
2021372817	<u>B05B 7 /-</u>	<u>B60B 21 /-</u>	2021377024	<u>C01G 15 /-</u>	<u>C07C 35 /-</u>
<u>B01D 53 /-</u>	2021369563	<u>B60B 7 /-</u>	<u>B63B 27 /-</u>	2021350268	2021364337
2021372817	<u>B09B 3 /-</u>	2021364482	2021371586	<u>C01G 3 /-</u>	<u>C07C 5 /-</u>
<u>B01D 61 /-</u>	2021375268	<u>B60C 15 /-</u>	2021377024	2021350268	2021364547
2021356774	<u>B09B 5 /-</u>	2021364482	<u>B64C 39 /-</u>	<u>C01G 33 /-</u>	<u>C07C 7 /-</u>
<u>B01D 61 /-</u>	2021375268	<u>B60D 1 /-</u>	2021349780	2021350268	2021364547
2021365682	<u>B21C 37 /-</u>	<u>B60D 7 /-</u>	<u>B65D 5 /-</u>	<u>C01G 45 /-</u>	<u>C07D 207 /-</u>
<u>B01F 23 /-</u>	2021369761	2021364482	2021371586	2021350268	2021350389
2022210042	<u>B21D 15 /-</u>	<u>B60C 15 /-</u>	2021373785	2021350268	2021357081
<u>B01J 12 /-</u>	2021369761	<u>B60D 1 /-</u>	<u>B65D 65 /-</u>	<u>C01G 49 /-</u>	<u>C07D 209 /-</u>
2021383282	<u>B21D 17 /-</u>	<u>B60G 17 /-</u>	2020474491	2021350268	2021439602
<u>B01J 19 /-</u>	2021349862	<u>B60G 5 /-</u>	2021401959	<u>C01G 51 /-</u>	<u>C07D 213 /-</u>
2021347676	<u>B21H 8 /-</u>	2021374676	2021402996	2021350268	2021348707
2021383282	2022215193	<u>B60H 1 /-</u>	<u>B65D 77 /-</u>	<u>C01G 53 /-</u>	2021359129
2022224306	<u>B23K 1 /-</u>	2021345869	2021373785	2021350268	<u>C07D 215 /-</u>
	2021369761		<u>B65D 83 /-</u>	2021350268	2021349884
			2021369563		
			2021378963		

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<u>C07D 217 /-</u>	2021359129 2021362803 2021365128	2021367306 2021368151 2021369823 2021370625 2021372533 2021373188 2021374083 2021375281 2021386293 2021398436	<u>C08G 77 /-</u>	<u>C10B 57 /-</u>	2021350637 2021351255 2021352147 2021354152 2021354827 2021355476 2021355838 2021360919 2021361384 2021362215 2021362585 2021362834 2021364781 2021368740 2021368750 2021369556 2021369840 2021372262 2021372533 2021373262 2021374046 2021374824 2021398436
2021349884	<u>C07D 487 /-</u>		2021368136	2021346852 2021350142 2021350144	
<u>C07D 221 /-</u>	2021342792 2021345564 2021351093 2021357081 2021358007 2021362803 2021407690		<u>C08J 11 /-</u>	<u>C10G 1 /-</u>	
2021398814			2021388787	2021367711	
<u>C07D 231 /-</u>	<u>C07D 489 /-</u>	<u>C07K 16 /-</u>	<u>C08J 3 /-</u>	<u>C10G 3 /-</u>	
2021352535 2021372796	2021398814	2020475443 2021343008 2021346129 2021346908 2021347967 2021349415 2021350424 2021354827 2021357695 2021359092 2021360585 2021360625 2021361082 2021363436 2021369507 2021369560 2021369835 2021371307 2021373366 2021374083 2021374590 2021374592 2021374594 2021374824 2021380005 2021380659 2021384022	2020470072	2021346852 2021350142 2021350144	
<u>C07D 235 /-</u>	<u>C07D 495 /-</u>		<u>C08J 5 /-</u>	<u>C10G 31 /-</u>	
2021358056 2021383518	2021345564		2021401959 2021402996	2021346852 2021350142 2021350144	
<u>C07D 241 /-</u>	<u>C07D 498 /-</u>		<u>C08K 3 /-</u>	<u>C10G 45 /-</u>	
2021352535 2021358007	2021342792 2021407690		2021363120	2021346852 2021350142 2021350144	
<u>C07D 277 /-</u>	<u>C07D 513 /-</u>		<u>C08K 5 /-</u>	<u>C10G 49 /-</u>	
2021349884 2021359129	2021349344 2021359129		2021352334 2021353697	2021346852 2021350142 2021350144	<u>C12N 5 /-</u>
<u>C07D 285 /-</u>	<u>C07D 515 /-</u>		<u>C08K 7 /-</u>		2020372988 2021344801 2021351255 2021355552 2021355838 2021358524 2021364930 2021365476
2021352146	<u>C07D 519 /-</u>		2020481681	2021346852 2021350142 2021350144	
<u>C07D 401 /-</u>	<u>C07F 5 /-</u>		<u>C08L 5 /-</u>	<u>C10K 3 /-</u>	
2021345564 2021347238 2021349884 2021359129 2021365128 2021367554	2021349344 2021342792		2021363120	2021370213	<u>C12N 7 /-</u>
<u>C07D 403 /-</u>	<u>C07F 9 /-</u>	<u>C07K 19 /-</u>	<u>C08L 65 /-</u>	<u>C10L 1 /-</u>	2021348243 2021356478 2021361384 2021362585 2021362834 2021364404 2021372262
2021352535 2021359129 2021367713 2021367714 2021370071 2021370072 2021371829	2021368704	2021358524 2021363921 2021365129	2020481681	2021346852 2021350142	
<u>C07D 405 /-</u>	<u>C07H 1 /-</u>		<u>C08L 67 /-</u>	<u>C10L 5 /-</u>	<u>C12N 9 /-</u>
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<u>C07D 413 /-</u>	<u>C07H 21 /-</u>	<u>C07K 7 /-</u>	<u>C08L 99 /-</u>	<u>C10L 9 /-</u>	
2021351093	2022224306	2021351255	2021352334 2021353697	2021346852 2021350142	
<u>C07D 417 /-</u>	<u>C07K 1 /-</u>	<u>C08F 20 /-</u>	<u>C09K 11 /-</u>	<u>C11D 17 /-</u>	
2021344607 2021349261 2021356478 2021358524 2021361007 2021361384 2021362585 2021362764 2021363436 2021363921 2021364930 2021365129	2021352147 2021361007	2020470072	2021383518	2021401959 2021402996	
<u>C07D 471 /-</u>	<u>C07K 14 /-</u>	<u>C08F 22 /-</u>	<u>C09K 17 /-</u>	<u>C12G 3 /-</u>	
2021342792 2021345564 2021347246 2021351093	2020470072	2020470072	2021355519	2021357896 2021361624	
		<u>C08F 28 /-</u>	<u>C09K 5 /-</u>	<u>C12N 1 /-</u>	
		2020470072	2021363630	2021346871 2021355838 2022202054	
		<u>C08F 30 /-</u>	<u>C09K 8 /-</u>	<u>C12N 15 /-</u>	
		2020470072	2020481687	2021343008 2021345339 2021347431 2021349261	
		<u>C08F 8 /-</u>	<u>C10B 47 /-</u>	<u>C12P 13 /-</u>	
		2020470072	2021367711	2021398436	
		<u>C08F 8 /-</u>	<u>C10B 53 /-</u>	<u>C12P 19 /-</u>	
		2020470072	2021346852 2021350142 2021350144 2021367711	2022253636	
		<u>C08G 18 /-</u>			
		2021361821			

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2021346871	2021350085	<u>E21B 34 /-</u>	2021359513	2021369761	2021364547
<u>C12P 7 /-</u>	<u>E01C 5 /-</u>	2020481681	<u>F03B 13 /-</u>	<u>F16L 19 /-</u>	<u>F28C 3 /-</u>
2022253636	2021350085	2021353037	2021370162	2021363392	2021390018
<u>C12Q 1 /-</u>	<u>E02F 1 /-</u>	2021365654	<u>F04B 53 /-</u>	<u>F16L 39 /-</u>	<u>F28D 1 /-</u>
2021361384	2021390781	2021432775	2021366725	2021369761	2021390018
2021362585	<u>E02F 3 /-</u>	2021438106	<u>F04C 18 /-</u>	<u>F16L 9 /-</u>	<u>F28D 20 /-</u>
2021365429	2021365599	<u>E21B 4 /-</u>	2021364867	2021369761	2021367272
2021365488	<u>E02F 9 /-</u>	2021355550	<u>F04C 2 /-</u>	<u>F16N 19 /-</u>	<u>F28D 21 /-</u>
<u>C12R 1 /-</u>	2021346886	<u>E21B 41 /-</u>	2021364867	2021366725	2021390018
2021346871	2021390781	2022227684	<u>F04D 15 /-</u>	<u>F16N 29 /-</u>	<u>F28D 7 /-</u>
2022202054	<u>E03B 3 /-</u>	<u>E21B 43 /-</u>	2021366725	2021366725	2021390018
<u>C21D 6 /-</u>	2021356774	2020481681	<u>F04D 29 /-</u>	<u>F16N 7 /-</u>	<u>F41A 13 /-</u>
2022215193	<u>E04B 1 /-</u>	2021365654	2021366725	2021366725	2021360251
<u>C21D 8 /-</u>	2021350494	2022227684	<u>F16B 12 /-</u>	<u>F17C 13 /-</u>	<u>F41A 21 /-</u>
2021368439	<u>E04F 10 /-</u>	<u>E21B 49 /-</u>	2021346192	2021371586	2021360251
<u>C22B 3 /-</u>	2021367200	2021379607	<u>F16B 43 /-</u>	2021377024	<u>G01F 1 /-</u>
2021368016	<u>E04F 21 /-</u>	2021380731	2021346192	<u>F17D 5 /-</u>	2021347745
<u>C22C 29 /-</u>	2021352446	<u>E21C 25 /-</u>	<u>F16C 11 /-</u>	2021374084	2021350485
2021386468	<u>E04G 21 /-</u>	2021390781	2021357853	<u>F24C 15 /-</u>	2021374084
<u>C22C 38 /-</u>	2021352446	2021432509	<u>F16D 3 /-</u>	2021386547	<u>G01M 17 /-</u>
2021368439	<u>E04H 3 /-</u>	<u>E21D 20 /-</u>	2021357853	2021386665	2021380154
<u>C25B 1 /-</u>	2021387526	2021355516	<u>F16H 25 /-</u>	<u>F24F 1 /-</u>	<u>G01M 3 /-</u>
2021381703	<u>E06B 1 /-</u>	2021368009	2021385933	2020476620	2021374084
<u>C25B 9 /-</u>	2021352446	2021370867	<u>F16J 15 /-</u>	<u>F24F 11 /-</u>	<u>G01N 1 /-</u>
2021381703	<u>E21B 17 /-</u>	<u>E21F 11 /-</u>	2021366725	2021365042	2021364382
<u>C25C 3 /-</u>	2021355516	2021380154	<u>F16K 1 /-</u>	<u>F24S 25 /-</u>	<u>G01N 15 /-</u>
2021371450	2021355576	<u>E21F 17 /-</u>	2021357964	2021340791	2021355552
<u>D03D 13 /-</u>	2022227684	<u>F01C 1 /-</u>	<u>F16K 25 /-</u>	<u>F25B 41 /-</u>	2021356770
2021402831	<u>E21B 19 /-</u>	2021364867	2021357964	2021363392	2021364543
<u>D06N 3 /-</u>	2021355516	<u>F01C 21 /-</u>	<u>F16K 3 /-</u>	<u>F25B 49 /-</u>	<u>G01N 21 /-</u>
2021362764	2021364564	2021364867	2021357964	2021365042	2021344872
<u>D21F 1 /-</u>	<u>E21B 21 /-</u>	<u>F02B 53 /-</u>	<u>F16K 31 /-</u>	<u>F25C 1 /-</u>	2021355476
2021402831	2021355550	2021364867	2021357964	2021363887	2021356770
<u>D21H 11 /-</u>	<u>E21B 23 /-</u>	<u>F02B 75 /-</u>	<u>F16K 37 /-</u>	<u>F25C 5 /-</u>	2021360122
2020468924	2021365654	2021370173	2021385933	2021363887	2021383518
<u>D21H 27 /-</u>	2021438106	<u>F02G 1 /-</u>	<u>F16K 47 /-</u>	<u>F25D 23 /-</u>	<u>G01N 27 /-</u>
2020468924	<u>E21B 33 /-</u>	2021370173	2021357964	2021363887	2021371450
<u>E01C 21 /-</u>	2021353037	2021372323			<u>G01N 29 /-</u>
2021350085	2021354892				2021374084
	2021365654				<u>G01N 33 /-</u>
	2021426714				2021344872
					2021356478

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2021360122		<u>G07C 9 /-</u>			
2021364100	2021379607	2021372307	2021358444	2021347340	2021366253
2021364543	2021380731	2022219920	<u>H01F 1 /-</u>	<u>H01Q 3 /-</u>	<u>H04B 7 /-</u>
2021365488					
2021369507	<u>G06K 19 /-</u>	<u>G07F 11 /-</u>	2021368439	2021347340	2021359855
2021382397	2021353084		2021358560	2021358560	2021362005
<u>G01P 5 /-</u>	<u>G06K 7 /-</u>	2021366974	<u>H01F 27 /-</u>	<u>H01Q 9 /-</u>	2021366720
2021347745	2021372307	<u>G07F 9 /-</u>	2021368435	2021358560	<u>H04L 12 /-</u>
2021350485		2021366974	2021368439		2021382793
<u>G01R 15 /-</u>	<u>G06N 10 /-</u>		2021369233	<u>H01R 12 /-</u>	
		<u>G08B 1 /-</u>	2021371520		<u>H04L 25 /-</u>
2021376534	2020477683	2021353084	<u>H01F 41 /-</u>	2021364381	
	2021366253				2021362005
<u>G01S 11 /-</u>	2021382101	<u>G08B 13 /-</u>	2021368435	<u>H01R 13 /-</u>	<u>H04L 67 /-</u>
	2021398474		2021369233		
2021380154	2021399002	2021359513	2021371520	2021376534	2021351519
	2021405491				
<u>G01S 13 /-</u>	<u>G06N 20 /-</u>	<u>G08B 21 /-</u>	<u>H01G 7 /-</u>	<u>H01R 25 /-</u>	<u>H04L 69 /-</u>
2020474919	2020474630	2022219920	2021349780	2021364381	2021351519
2021380154	2021362005	<u>G08B 5 /-</u>	<u>H01H 33 /-</u>	<u>H02G 1 /-</u>	<u>H04L 9 /-</u>
<u>G01V 1 /-</u>	2021364386	2021371313	2021352409	2021349780	2021359309
	2021371022				
2021379607	<u>G06N 3 /-</u>	<u>G08G 1 /-</u>	<u>H01H 75 /-</u>	<u>H02H 7 /-</u>	<u>H04N 19 /-</u>
2021380731		2021371313	2021352409	2021358444	2021410048
<u>G01V 3 /-</u>	2020474630				
	2021349421	<u>G08G 9 /-</u>	<u>H01H 9 /-</u>	<u>H02H 9 /-</u>	<u>H04W 12 /-</u>
2020474919	2021384021	2021380154	2021352409	2021358444	2021349420
<u>G01V 99 /-</u>	<u>G06N 5 /-</u>				
		<u>G16B 20 /-</u>	<u>H01J 61 /-</u>	<u>H02J 3 /-</u>	<u>H04W 4 /-</u>
2021379607	2021349421	2021365488	2021363601	2021349653	2020470244
2021380731				2021372798	
<u>G02B 6 /-</u>	<u>G06Q 10 /-</u>	<u>G16B 5 /-</u>	<u>H01J 65 /-</u>	<u>H02J 7 /-</u>	<u>H04W 48 /-</u>
		2021374046	2021363601		
2021358865	2021342832			2021348220	2021376499
	2021345273	<u>G16B 20 /-</u>	<u>H01L 21 /-</u>	2021358444	<u>H04W 52 /-</u>
<u>G05B 19 /-</u>	2021364386	2021374046		2021359513	
			<u>H01L 21 /-</u>	2022328071	2021373171
2021367835	<u>G06Q 30 /-</u>	<u>G16C 20 /-</u>	2021376527	<u>H02J 9 /-</u>	<u>H04W 72 /-</u>
			2021399002		
<u>G06F 16 /-</u>	2021353084	<u>G16C 60 /-</u>	2021405491	2021348220	2021369864
	2021360962	2021386468			
2021360962	<u>G06Q 50 /-</u>		<u>H01L 23 /-</u>	<u>H02M 7 /-</u>	<u>H04W 74 /-</u>
2021380655		2021386468			
2021384021	2021342832	<u>G16H 20 /-</u>	2021398474	2021352737	2021373171
		2021363138	2021399002	2021362646	
<u>G06F 17 /-</u>	<u>G06T 1 /-</u>	2021409569	2021405491		
			<u>H01L 25 /-</u>	<u>H02P 27 /-</u>	<u>H04W 8 /-</u>
2021353084	2020474614	<u>G16H 30 /-</u>			
2021374084		2021375405	2021398474	2021352737	2020470244
<u>G06F 21 /-</u>	<u>G06T 11 /-</u>	2021377338	2021399002		2021349420
			2021405491	<u>H02S 20 /-</u>	
2021351519	2021384021	<u>G16H 40 /-</u>	<u>H01M 8 /-</u>	2021340791	<u>H04W 88 /-</u>
2021359309		2021343234			2021349420
2021364593	<u>G06T 17 /-</u>		2021363582	<u>H02S 30 /-</u>	
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<u>G06F 3 /-</u>	2020474614				
		<u>G16H 50 /-</u>	<u>H01Q 1 /-</u>	<u>H03H 7 /-</u>	<u>H05B 47 /-</u>
2021350764	<u>G06T 7 /-</u>	2021344872		2021398474	
2021367835		2021363138	2021398474		2021373954
<u>G06F 40 /-</u>	2021344515	2021366259		<u>H03H 7 /-</u>	
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2021359793
2021387072

H10N 60 /-

2021370481
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Applications Accepted

Name Index

-
- (71) 8 Rivers Capital, LLC
 (11) AU-B-2017329061
 (21) 2017329061 (22) 13.09.2017
 (54) System and method for power production using partial oxidation
 (51) Int. Cl.
C10J 3/46 (2006.01)
C10K 1/00 (2006.01)
C10K 1/04 (2006.01)
C10K 1/10 (2006.01)
C10K 1/32 (2006.01)
C10K 3/02 (2006.01)
 (87) WO2018/051251
 (31) 62/393,752 (32) 13.09.16 (33) US
 (43) 22.03.2018
 (44) 01.06.2023
 (72) Forrest, Brock Alan; Lu, Xijia; Allam, Rodney John; Fetvedt, Jeremy Eron; Palmer, Miles R.
 (74) Spruson & Ferguson
-
- (71) A.C.N. 630 589 507 PTY LTD
 (11) AU-B-2019400942
 (21) 2019400942 (22) 03.12.2019
 (54) Battery recycling process
 (51) Int. Cl.
C22B 3/08 (2006.01)
C22B 1/00 (2006.01)
C22B 3/26 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
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 (87) WO2020/124130
 (31) 2018904918 (32) 21.12.18 (33) AU
 19161012.0 06.03.19 EP
 (43) 25.06.2020
 (44) 01.06.2023
 (72) BEER, Gavin; URBANI, Mark Daniel
 (74) WRAYS PTY LTD
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A23L 29/212 (2016.01)
B01J 49/50 (2017.01)
C02F 1/66 (2006.01)
C02F 5/00 (2006.01)
C04B 41/53 (2006.01)
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F21K 9/00 (2016.01)
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A01C 15/00 (2006.01)

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G01G 19/08 (2006.01)

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A61P 35/00 (2006.01)

C07D 215/38 (2006.01)

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A61K 38/48 (2006.01)
A61L 15/44 (2006.01)
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A61P 31/04 (2006.01)
C07K 7/00 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
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G06T 7/80 (2017.01)
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F16G 11/14 (2006.01)
A43C 7/08 (2006.01)
B65B 13/02 (2006.01)
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H01R 13/71 (2006.01)
H01R 24/00 (2011.01)
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G11B 27/02 (2006.01)
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A61K 31/485 (2006.01)
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C07D 207/06 (2006.01)
A61K 31/402 (2006.01)
A61P 17/10 (2006.01)
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G16B 25/10 (2019.01)
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A47L 11/20 (2006.01)
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A61K 31/55 (2006.01)
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C10G 3/00 (2006.01)
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B32B 37/06 (2006.01)
B32B 37/12 (2006.01)
H04W 4/02 (2018.01)
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G06K 19/08 (2006.01)
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G10L 25/51 (2013.01)
G06N 20/00 (2019.01)
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A61K 38/16 (2006.01)
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C12Q 1/68 (2006.01)
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A61K 48/00 (2006.01)
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H01M 10/02 (2006.01)
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2016273838	Commonwealth Scientific and Industrial Research Organisation	2017443712	Halliburton Energy Services, Inc.
2016311441	Quidel Corporation	2017443974	Halliburton Energy Services, Inc.
2016340764	Merus N.V.; Fundació Institut de Recerca Biomèdica (IRB Barcelona); Institució Catalana de Recerca i Estudis Avançats	2018200045	Noritz Corporation
2016353339	Baylor College of Medicine	2018200432	General Kinematics Corporation
2016366226	Memorial Sloan Kettering Cancer Center	2018200690	Fujitsu General Limited
2016369612	ModernaTX, Inc.	2018202033	The Raymond Corporation
2016411102	FMC Technologies	2018202306	The Raymond Corporation
2016421657	Hardcore Automotive Locking Technologies (Pty) Ltd	2018206876	Alcon Inc.
2017202233	Savannah Global Solutions, LLC	2018207266	Cryoshelter GmbH
2017216846	Medimmune Limited	2018208874	Alcon Inc.
2017222653	Research Institute at Nationwide Children's Hospital	2018210414	CoolSystems, Inc.
2017227608	Iridia, Inc.	2018213897	M.E.P. Macchine Elettroniche Piegatrici S.p.A.
2017232122	Britax Romer Kindersicherheit GmbH	2018214839	Boston Scientific Scimed, Inc.
2017246480	Wayne State University	2018217011	Oregon State University
2017250358	Alpine Immune Sciences, Inc.	2018218545	Soremartec S.A.
2017254772	Memphasys Limited	2018220193	ConocoPhillips Company
2017262377	Koninklijke Douwe Egberts B.V.	2018220953	Sointek S.R.L.
2017262817	Koninklijke Douwe Egberts B.V.	2018222998	Veritas Substrates, LLC
2017275650	Array BioPharma Inc.	2018223169	Berk, B.
2017276369	Activate Artificial Lift Inc.	2018224752	Sonoda Co., Ltd.
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2017296127	Haygain Ltd	2018235246	Alcon Inc.
2017302615	Biofire Diagnostics, LLC.; Biofire Defense, LLC.	2018235277	Caffitaly System S.p.A.
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2017310513	The United States of America, as represented by the Secretary, Department of Health and Human Services	2018240521	Stamford Devices Ltd
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2017328274	Koninklijke Bam Groep N.V.	2018248902	ECP Entwicklungsgesellschaft mbH
2017329061	8 Rivers Capital, LLC	2018255337	Edwards Lifesciences Corporation
2017337080	Gietl, J.; Putze, A.	2018256383	Baxter International Inc.; Baxter Healthcare SA
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2017341825	Travere Therapeutics, Inc.	2018259017	Discovery Purchase Corporation
2017350844	Trendsetter Engineering, Inc.; ADD Energy Group AS	2018263600	Crown Packaging Technology, Inc.
2017351204	Sleep Number Corporation	2018268096	Capartis AG
2017351750	Probalco BVBA	2018268928	Huntleigh Technology Limited
2017351917	LG Energy Solution, LTD.	2018272814	BASF Corporation
2017355486	Lippert Components Inc.	2018273513	Biomedical Analysis Center, Academy of Military Medical Sciences
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2017360396	LG Energy Solution, LTD	2018276417	Sandvik Intellectual Property AB
2017364344	M.E.P. Macchine Elettroniche Piegatrici S.p.A.	2018277255	Johnson & Johnson GmbH
2017366779	IDEXX Laboratories, Inc.	2018278122	ExxonMobil Research and Engineering Company
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2017369971	Oculus SA	2018280143	Notocard LLC C/o Neiman & Mairanz P.C.
2017371467	Topical Innovations B.V.; Keppel Hesselink, J.	2018281959	Hexis SA
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2017375565	Depuy Ireland Unlimited Company	2018290774	Corning Research & Development Corporation
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2017388222	Baxter International Inc.; Baxter Healthcare SA	2018313692	DePuy Synthes Products, Inc
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2017439376	Halliburton Energy Services, Inc.	2018326667	Sentec Ltd
		2018328056	RUAG Ammotec AG
		2018337086	VoiceAge Corporation

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2018351527	University of Maryland, College Park; IONQ Inc.	2020209692	Bunka Shutter Co., Ltd.
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2018365860	Amazon Technologies, Inc.	2020214083	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.
2018366371	Halliburton Energy Services, Inc.	2020220142	Trustees of Tufts College
2018367896	Crispr Therapeutics AG	2020220191	Indiana University Research and Technology Corporation
2018369784	The Schepens Eye Research Institute, Inc.; Massachusetts Eye and Ear Infirmary	2020223761	Salk Institute for Biological Studies
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2018384620	GOJO Industries, Inc.	2020230272	Texas Heart Institute; Baylor College of Medicine
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2018387581	Kverneland Group Mechatronics B.V.	2020235190	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.
2018388549	Yale University	2020238572	Baker Hughes Oilfield Operations LLC
2018389234	Magic Leap, Inc.	2020240496	NEC Corporation
2018425665	Motion Metrics International Corp.	2020241242	Case Western Reserve University
2018435341	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020242010	Canon Kabushiki Kaisha
2019200430	Endomagnetics Ltd	2020243911	Huawei Technologies Co., Ltd.
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2019205921	Nature's Wing Fin Design, LLC	2020244614	Novartis AG
2019209351	Lone Gull Holdings, Ltd.	2020245387	Techtronic Cordless GP
2019210208	Qualcomm Incorporated	2020245498	PPG Industries Ohio, Inc.
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2019229697	Legrand France; Legrand SNC	2020257169	Pitco Frialator, Inc.
2019236017	Top Twence B.V.	2020260285	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.
2019243665	Merus N.V.	2020260673	Medela Holding AG
2019247230	Gojo Industries, Inc.	2020265592	Honeywell International Inc.
2019249947	Modu ApS	2020265711	International Business Machines Corporation
2019256771	Simon Berry Optometrist Ltd	2020268909	Nextracker Inc.
2019259818	Sumitomo Pharma Co., Ltd.; The Kitasato Institute	2020271278	Advosense GmbH
2019263513	Stanfeld ApS	2020271663	Tata Consultancy Services Limited
2019270181	CZ Biohub SF, LLC; The Board of Trustees of The Leland Stanford Junior University	2020272747	Ball Corporation
2019282542	Ab Initio Technology LLC	2020281137	LEMMEN, J.A.J.; VAN DOREMAELE, M.G.M.
2019296512	Monash University	2020282212	Coöperatie Koninklijke Avebe U.A.
2019300911	GeneMedicine Co., Ltd.	2020286015	Unilever Global IP Limited
2019302556	Raytheon Company	2020286276	FRESENIUS KABI DEUTSCHLAND GMBH
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2019323401	Huawei Technologies Co., Ltd.	2020297440	Nextracker LLC
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2019365214	Climate LLC	2020300245	Kobelco Construction Machinery Co., Ltd.
2019376896	Enel Green Power S.p.A.	2020300605	Conmed Corporation
2019382644	SHINING3D Tech. Co., Ltd.	2020314490	Huawei Technologies Co., Ltd.
2019396415	Chromadex Inc.	2020321002	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.
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2019400942	A.C.N. 630 589 507 PTY LTD	2020328458	Chevron U.S.A. Inc.
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2019416610	CJ CheilJedang Corporation	2020339538	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.
2019422343	FJ Dynamics Technology Academy (Chang Zhou) Co., Ltd	2020345889	Teleflex Medical Incorporated
2019426286	NEC Corporation	2020347357	Liu, S.
2019427806	Abbott Diabetes Care Inc.	2020352532	Shift5, Inc.
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2019434963	Hitachi Energy Switzerland AG	2020384849	Kaefer Blu AS
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2021204012	Société des Produits Nestlé S.A.	2022200716	Google LLC
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2021204395	The Broad Institute, Inc.; Massachusetts Institute of Technology	2022201631	Rheinmetall Landsysteme GmbH
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2021206814	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2022204065	The NOCO Company
2021206849	Axiflux Holdings Pty Ltd	2022204692	Intuit Inc.
2021209185	Janssen Vaccines & Prevention B.V.	2022211802	Anduril Industries, Inc.
2021209334	Bristol-Myers Squibb Company	2022224773	Apple Inc.
2021211973	Dexcom, Inc.	2022259780	Enphase Energy, Inc.
2021211985	MiMedx Group, Inc.	2022263476	Graham, D.
2021212091	Becton, Dickinson and Company	2022331910	Hanton, R.
2021212092	Becton, Dickinson and Company	2023201133	Allegion (New Zealand) Limited
2021212136	Fisher & Paykel Healthcare Limited	2023201145	Francis, W.
2021215163	NAUTILUS, INC.	2023202160	STATE GRID HENAN ELECTRIC POWER RESEARCH INSTITUTE; SHANDONG UNIVERSITY
2021215227	Treace Medical Concepts, Inc.		
2021218138	Redei Innovations Pty Ltd		
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2021221493	ARIAD Pharmaceuticals, Inc.		
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2021229136	The ProlImmune Company, LLC		
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<u>A01C 15 /-</u>	<u>A01N 43 /-</u>	<u>A46B 9 /-</u>		<u>A61J 3 /-</u>	2017216846 2017314153 2017369971 2017371467 2022200172 2022201416
2018387581	2018373514 2021203002	2019400523		2021203778	
<u>A01C 17 /-</u>	<u>A01N 47 /-</u>	<u>A47J 36 /-</u>	<u>A61B 8 /-</u>	<u>A61K 31 /-</u>	
2018387581	2021203002	2017351750	2018326667	2016369612 2017275650 2017308864 2017314153 2017341825 2017371467 2017376391 2018229814 2018273513 2018302253 2018359248 2018369784 2018388549 2019259818 2019396415 2020220191 2020402049 2021200721 2021203761 2021204012 2021204014 2021204026 2021204307 2021209334 2021250904 2021253796	<u>A61K 48 /-</u>
<u>A01G 17 /-</u>	<u>A01N 55 /-</u>	<u>A47J 37 /-</u>	<u>A61B 90 /-</u>		2019300911 2020385619 2021204395 2021204416
2018217011	2021203002	2020257169	2017375565 2019200430		
<u>A01G 18 /-</u>	<u>A01N 57 /-</u>	<u>A47J 41 /-</u>	<u>A61C 7 /-</u>		
2020281137	2021327950	2017351750	2017338625		<u>A61K 8 /-</u>
<u>A01G 23 /-</u>	<u>A01N 65 /-</u>	<u>A47K 10 /-</u>	<u>A61F 13 /-</u>		2018315055 2021229136
2017202233	2020220191	2018384620	2018277255 2020271278 2021282524		
<u>A01G 24 /-</u>	<u>A23B 7 /-</u>	<u>A47K 5 /-</u>	<u>A61F 2 /-</u>		<u>A61K 9 /-</u>
2018222998	2018217011	2019247230	2018206876 2018255337 2020466989 2021272674 2021282524 2021310476		2016369612 2017314153 2017369971 2017371467 2020244614 2020286276 2021203778 2022200172
<u>A01G 25 /-</u>	<u>A23C 13 /-</u>	<u>A47L 11 /-</u>	<u>A61F 5 /-</u>		
2017337080	2021273561	2020245387	2018223169		<u>A61L 12 /-</u>
<u>A01G 29 /-</u>	<u>A23C 21 /-</u>	<u>A47L 13 /-</u>	<u>A61F 7 /-</u>		2022200172
2017337080	2018276317	2019400523	2016366226 2018227583 2018367896 2019459423 2020203129 2021209185		<u>A61L 15 /-</u>
<u>A01G 3 /-</u>	<u>A23C 23 /-</u>	<u>A47L 5 /-</u>	<u>A61F 9 /-</u>		2021282524
2021201812	2021273561	2020245387	2018210414 2018305648		<u>A61L 2 /-</u>
<u>A01H 5 /-</u>	<u>A23J 1 /-</u>	<u>A47L 9 /-</u>	<u>A61G 1 /-</u>		2021202248
2017321184	2020282212 2021273561	2020245387	2018235246		<u>A61L 27 /-</u>
<u>A01K 5 /-</u>	<u>A23J 3 /-</u>	<u>A61B 1 /-</u>	<u>A61G 10 /-</u>		2021282524
2017296127	2018276317 2020282212 2021273561	2018214839 2018227532	2018268928		<u>A61L 9 /-</u>
<u>A01K 61 /-</u>	<u>A23L 2 /-</u>	<u>A61B 10 /-</u>	<u>A61G 10 /-</u>		2020352901
2021273553	2021203844	2021331464	2021288223		<u>A61M 1 /-</u>
<u>A01K 75 /-</u>	<u>A23L 27 /-</u>	<u>A61B 17 /-</u>	<u>A61G 7 /-</u>		2017371552 2020260673 2021290244
2021273553	2021203844	2017338625 2017357804 2017372597 2017382873 2018256383 2019413141 2020300605 2021215227 2021272674	2017351204 2018268928		
<u>A01K 77 /-</u>	<u>A23L 29 /-</u>	<u>A61B 18 /-</u>	<u>A61H 33 /-</u>		<u>A61M 15 /-</u>
2022331910	2021203844	2017382873	2021288223		2018240521 2020335396 2021212136
<u>A01K 91 /-</u>	2018229814 2018276317 2021273561				
2021273553					
<u>A01M 1 /-</u>	<u>A23L 33 /-</u>				
2020352901	2018229814				

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<u>A61M 16 /-</u>	2017308864 2018302253	<u>A63B 71 /-</u>	<u>B01J 7 /-</u>	2020384849	<u>B60C 11 /-</u>
2018240521	2021200721	2021215163	2020265592	<u>B25J 9 /-</u>	2017398645
2020335396	2021204014	<u>A63G 13 /-</u>	<u>B01J 8 /-</u>	2020384849	<u>B60G 7 /-</u>
2020345889	2021204026	2019249947	2020412238	<u>B29C 45 /-</u>	2017294152
2021212136	<u>A61P 27 /-</u>	<u>A63H 17 /-</u>	<u>B02C 1 /-</u>	2019400523	<u>B60G 9 /-</u>
<u>A61M 25 /-</u>	2019259818	2019249947	2021221726	<u>B29C 51 /-</u>	2017326752
2020291520	2020244614	<u>A63H 33 /-</u>	<u>B02C 2 /-</u>	2018218545	<u>B60K 28 /-</u>
2021282524	2020385619	2019249947	2021221726	<u>B29C 65 /-</u>	2016421657
<u>A61M 39 /-</u>	2022200172	<u>A63H 33 /-</u>	<u>B03D 1 /-</u>	2018240513	<u>B60N 2 /-</u>
2022203299	<u>A61P 29 /-</u>	2019249947	2017383081	<u>B31D 1 /-</u>	2017232122
<u>A61M 5 /-</u>	2019259818	<u>B01D 24 /-</u>	<u>B05B 11 /-</u>	2018218545	<u>B60P 1 /-</u>
2017388222	2020220191	2017383081	2020286015	<u>B31D 5 /-</u>	2017326752
2018256383	<u>A61P 3 /-</u>	<u>B01D 53 /-</u>	<u>B05B 7 /-</u>	2018218545	<u>B60R 25 /-</u>
2021202004	2016369612	2018272814	2019247230	<u>B31F 1 /-</u>	2016421657
2021202767	<u>A61P 31 /-</u>	2020265592	<u>B06B 1 /-</u>	2017386370	<u>B60S 9 /-</u>
2021212091	2017376391	<u>B01D 57 /-</u>	2018200432	<u>B32B 27 /-</u>	2017355486
2021212092	2019259818	2017254772	2018326667	2017337080	<u>B61B 3 /-</u>
2021290244	2021253796	<u>B01D 61 /-</u>	<u>B07B 13 /-</u>	2022201631	2020415875
<u>A61M 60 /-</u>	2021282524	2021233529	2018200432	<u>B32B 3 /-</u>	<u>B61D 3 /-</u>
2018248902	<u>A61P 35 /-</u>	<u>B01D 63 /-</u>	<u>B21D 3 /-</u>	2022201631	2020415875
<u>A61N 1 /-</u>	2018359248	<u>B01D 67 /-</u>	2017364344	<u>B32B 37 /-</u>	<u>B61D 47 /-</u>
2020241242	2019243665	2017254772	<u>B21D 43 /-</u>	2018281959	2020415875
2020323899	2019300911	<u>B01D 69 /-</u>	2017364344	2018385595	<u>B61L 15 /-</u>
<u>A61N 5 /-</u>	2019459423	2017254772	<u>B21F 1 /-</u>	<u>B32B 38 /-</u>	2018374588
2019449147	2021204307	<u>B01D 71 /-</u>	2017364344	2018281959	<u>B61L 23 /-</u>
2021202248	2021209334	2017254772	<u>B21F 23 /-</u>	2017294152	2018374588
2021288223	2021230801	<u>B01D 77 /-</u>	2017364344	20173337080	<u>B61L 25 /-</u>
<u>A61P 1 /-</u>	<u>A61P 37 /-</u>	<u>B01J 15 /-</u>	<u>B21F 27 /-</u>	2022201631	2018311366
2019259818	2019259818	2021203736	2018213897	<u>B32B 7 /-</u>	<u>B63B 27 /-</u>
<u>A61P 11 /-</u>	2021250904	<u>B01J 20 /-</u>	<u>B22F 3 /-</u>	2018281959	2016411102
2017314153	<u>A61P 43 /-</u>	2017371552	2017294307	<u>B41J 2 /-</u>	2021281375
2017376391	2019259818	2018272814	2018286648	2019428237	<u>B63B 3 /-</u>
2018229814	<u>A61Q 19 /-</u>	<u>B01J 39 /-</u>	<u>B23K 103 /-</u>	2020272747	2019209351
2019259818	2018315055	2017371552	2018235246	<u>B41J 3 /-</u>	<u>B63B 35 /-</u>
2021209334	<u>A62C 31 /-</u>	<u>B01J 41 /-</u>	<u>B23K 26 /-</u>	2020272747	2019209351
<u>A61P 13 /-</u>	2018278830	2021203736	2018235246	<u>B41M 5 /-</u>	<u>B63B 39 /-</u>
2017341825	<u>A62D 1 /-</u>	<u>B01J 47 /-</u>	<u>B25B 23 /-</u>	2020272747	2021281375
2019259818	2018278830	2017371552	2021203573	2018280143	<u>B64B 1 /-</u>
<u>A61P 15 /-</u>	<u>A63B 21 /-</u>	<u>B01J 49 /-</u>	<u>B25J 13 /-</u>		2019416157
2019259818	2021215163	2018276317			
<u>A61P 17 /-</u>	<u>A63B 23 /-</u>				
2018315055	2021215163				
2019259818	<u>A63B 31 /-</u>				
2020402049	2019205921				
<u>A61P 19 /-</u>	<u>A63B 5 /-</u>				
2019259818	2019236017				
2022201416					
<u>A61P 25 /-</u>					

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<u>B64C 3 /-</u>	<u>B66F 3 /-</u>	<u>C07D 243 /-</u>	<u>C07H 19 /-</u>	<u>C09D 163 /-</u>	<u>C10M 143 /-</u>
2022211802	2017355486	2018369784	2019396415	2020245498	2018224752
<u>B64C 39 /-</u>	<u>B66F 9 /-</u>	<u>C07D 249 /-</u>	<u>C07H 21 /-</u>	2020337801	<u>C10M 169 /-</u>
2017367044	2018202033	2021209334	2017227608	<u>C09D 5 /-</u>	2018224752
<u>B64D 43 /-</u>	2018202306	<u>C07D 305 /-</u>	2021205135	2020245498	<u>C10M 177 /-</u>
2017367044	<u>B67D 1 /-</u>	2020401539	<u>C07K 1 /-</u>	2021229263	2018224752
<u>B64D 45 /-</u>	2017291630	<u>C07D 307 /-</u>	2017254772	<u>C09J 163 /-</u>	2018224752
2019416157	<u>B67D 9 /-</u>	2019396415	<u>C07K 14 /-</u>	2020337801	<u>C10N 10 /-</u>
<u>B64D 47 /-</u>	2016411102	<u>C07D 311 /-</u>	2016366226	<u>C09J 181 /-</u>	2018224752
2019416157	<u>C01B 17 /-</u>	2021204307	2017250358	2020254817	<u>C10N 30 /-</u>
<u>B65B 13 /-</u>	2021327950	<u>C07D 401 /-</u>	2018225083	<u>C09J 7 /-</u>	2018224752
2021232747	<u>C02F 1 /-</u>	2018359248	2018227583	2018281959	<u>C10N 40 /-</u>
<u>B65C 3 /-</u>	2017383081	2018388549	2018367896	2018385595	2018224752
2020272747	2018228293	2021204307	2019270181	<u>C09K 21 /-</u>	<u>C10N 70 /-</u>
<u>B65D 17 /-</u>	2018276317	2021209334	2020203129	2020245498	2018224752
2018263600	2021203924	<u>C07D 403 /-</u>	2020220142	<u>C09K 3 /-</u>	<u>C11D 3 /-</u>
<u>B65D 65 /-</u>	<u>C02F 103 /-</u>	2018373514	2020244532	2018276317	2022200172
2017380834	2021203924	<u>C07D 405 /-</u>	2020385619	<u>C09K 8 /-</u>	<u>C12M 1 /-</u>
<u>B65D 77 /-</u>	<u>C02F 5 /-</u>	2018359248	2021209185	2017443974	2017366779
2017380834	2018276317	2021204307	2021282524	2018276317	<u>C12N 15 /-</u>
<u>B65D 81 /-</u>	<u>C04B 41 /-</u>	<u>C07D 413 /-</u>	<u>C07K 16 /-</u>	<u>C10G 3 /-</u>	2016353339
2018256383	2018276317	2018359248	2016340764	2021261940	2016369612
2020286015	<u>C05G 3 /-</u>	2021203761	2018227583	<u>C10G 33 /-</u>	2017222653
<u>B65D 85 /-</u>	2018222998	<u>C07D 417 /-</u>	2019243665	2018272814	2017227608
2017262377	2021232664	2020414895	2019270181	<u>C10J 3 /-</u>	2017321184
2017262817	<u>C05G 5 /-</u>	<u>C07D 471 /-</u>	2019459423	2017329061	2017378120
2018235277	2018222998	2018359248	2020407089	<u>C10K 1 /-</u>	2018367896
<u>B65D 88 /-</u>	<u>C07C 41 /-</u>	<u>C07D 487 /-</u>	2021202453	2021202453	2019300911
2020339175	2018273513	2018359248	<u>C08B 15 /-</u>	<u>C10K 3 /-</u>	2020230272
<u>B65H 35 /-</u>	<u>C07C 43 /-</u>	<u>C07D 489 /-</u>	2021231326	2021204395	2021202453
2021202889	2018273513	2018302253	<u>C08G 59 /-</u>	2021204416	2021282524
<u>B66C 13 /-</u>	<u>C07C 61 /-</u>	<u>C07D 498 /-</u>	2020337801	2021282524	<u>C12N 5 /-</u>
2021281375	2020220191	2018359248	<u>C08J 11 /-</u>	<u>C10M 105 /-</u>	2016366226
<u>B66C 23 /-</u>	<u>C07D 207 /-</u>	<u>C07D 513 /-</u>	2017378120	2018224752	2017222653
2017326752	2020402049	2018359248	<u>C08L 63 /-</u>	<u>C10M 129 /-</u>	2019270181
2020300245	<u>C07D 213 /-</u>	2018359248	2020337801	2018224752	2019459423
<u>B66D 1 /-</u>	2021204307	<u>C07F 5 /-</u>	<u>C08L 81 /-</u>	2018224752	2020223761
2020415875	2021250904	2019259818	2020254817	<u>C10M 133 /-</u>	2021211985
<u>B66F 17 /-</u>	<u>C07D 215 /-</u>	2021230801	<u>C08L 95 /-</u>	2018224752	2021282524
2018202033	2021204307	<u>C07F 9 /-</u>	2018278122	<u>C10M 135 /-</u>	<u>C12N 9 /-</u>
		2021253796	<u>C09D 101 /-</u>	2018224752	2016369612
			<u>C09D 133 /-</u>	<u>C10M 137 /-</u>	2017378120
			2021229263	2018224752	2021282524
					<u>C12P 19 /-</u>
					2017302615

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C12Q 1 /-	2017386370	2022200357	F03B 17 /-	F21V 23 /-	F28D 1 /-
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2017227608					
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2017302615	2018248869		2020333165	2021202248	2016273838
2019416610	D21F 7 /-	E21B 33 /-			
2021205135		2017350844	F03D 3 /-	F23D 1 /-	F28D 7 /-
C22B 1 /-	2017386370			2020210392	2020297844
	D21G 1 /-	E21B 34 /-	2017278033		
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C22B 26 /-	2018248869	E21B 4 /-	2021206814	2018200045	2020297844
	D21H 27 /-				
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C22B 3 /-	2018248869	E21B 41 /-	2020333165	2018200045	2020297844
	E01C 13 /-				
2019400942		2017439376	F04C 15 /-	F23J 13 /-	F28F 13 /-
C22B 7 /-	2017337080	2017443712		2018200045	2020297844
	E01H 11 /-	E21B 47 /-	2017276369		
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C22C 18 /-	2018259017	2018220193	F04C 2 /-		2018200690
	E02B 3 /-	2021202822		2021257969	
2018246441			F04D 13 /-	2021269311	
C22C 21 /-	2017328274	E21B 49 /-			F28F 3 /-
	E02B 9 /-		20182228293	2021350787	2020297844
2018246441		2018220193	F04D 15 /-		
C23C 22 /-	2017278033	2020449437		F24F 11 /-	F28F 7 /-
	E02F 9 /-	E21B 7 /-	20182228293		2020297844
2020337801				2020240496	2020297844
C23C 24 /-	2018425665	E21C 25 /-	F16F 1 /-	2020386528	F42B 12 /-
	E04G 11 /-		2018200432	2021350787	2018328056
2018286648		2020347357	F16F 13 /-	F24F 110 /-	G01B 11 /-
C23C 8 /-	2018220953	E21C 31 /-		2020240496	2017398645
	E05B 57 /-		2021430345	F24F 3 /-	2019382644
2018246441		2020347357	F16F 3 /-		
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	E05B 63 /-		2018200432	F24F 5 /-	2018389234
2018276317		2020347357	F16F 7 /-		
2020337801	2022200357	E21D 11 /-		2016273838	G01C 21 /-
C25B 1 /-	2023201133		2021430345	F24F 7 /-	2019296512
	E05B 65 /-	2018220953	F16G 11 /-		
2022201116		F02C 7 /-		2020240496	G01C 25 /-
C25B 15 /-	2022200357		2021232747	2020386528	2018304548
	E05C 9 /-	2020297844	F16H 3 /-	F25B 29 /-	
2022201116		2021257969		2018200690	G01C 5 /-
C25B 9 /-	2023201133	F02C 9 /-	2021334790		2018304548
	E05D 7 /-		F16J 15 /-	F25B 43 /-	
2022201116		2021334790		2020248049	G01C 9 /-
D06F 31 /-	2020339538	F02K 1 /-	2017439376		2017375565
	E05F 15 /-		F17C 13 /-	F25B 47 /-	
2017380401		2021257969		2018200690	G01F 1 /-
D06F 37 /-	2020209692	F03B 13 /-	2018207266		2018326667
	2020233914		F17C 3 /-	F25B 49 /-	2019467754
2017380401	E06B 11 /-	2017278033		2021275207	
D06F 39 /-		2019209351	2018207266		G01F 11 /-
	2022200357	F03B 15 /-	F21K 9 /-	F25D 23 /-	2018268096
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D21F 1 /-		2019209351	2021202248	2021261961	
	2020209692				

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<u>G01F 3 /-</u>	2021229158	2019263513 2019457225	<u>G06N 7 /-</u>	2020271663	<u>H01R 13 /-</u>
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<u>G01G 19 /-</u>	2019296512	<u>G06F 15 /-</u>	<u>G06Q 10 /-</u>	2020271663	
2018387581	<u>G01V 1 /-</u>	2020403002	2018278122 2019365214 2021236470	<u>G16B 40 /-</u>	<u>H01R 24 /-</u>
<u>G01G 23 /-</u>	2020328458 2021202822	<u>G06F 16 /-</u>		2020271663	2018292459
2018387581	<u>G01V 3 /-</u>	2018310111 2020424477	<u>G06Q 20 /-</u>	<u>G16H 30 /-</u>	<u>H02G 15 /-</u>
<u>G01L 1 /-</u>	2019416157	<u>G06F 17 /-</u>	2018322492	2019432052	2018287437
2018366371	<u>G01V 5 /-</u>	2021205057 2021289542	<u>G06Q 30 /-</u>	<u>H01B 7 /-</u>	<u>H02G 5 /-</u>
<u>G01L 11 /-</u>	2018220193	<u>G06F 21 /-</u>	2022202368	2020334655	2021277609
2018366371	<u>G02B 15 /-</u>	2019263513 2020352532 2020419017	<u>G06Q 50 /-</u>	<u>H01B 9 /-</u>	<u>H02H 3 /-</u>
<u>G01L 13 /-</u>	2018258089	<u>G06F 3 /-</u>	2019365214 2020328458 2021236470	2020334655	2018363059
2018337086	<u>G02B 3 /-</u>	2018310111 2018322492 2019263513 2022201532 2022202368 2022224773	<u>G06T 11 /-</u>	<u>H01H 13 /-</u>	<u>H02J 13 /-</u>
<u>G01N 1 /-</u>	2021220750	<u>G06F 30 /-</u>	2023201145	2019229697	2018363059 2019434963
2020244532	<u>G02B 6 /-</u>	2020418421	<u>G06T 13 /-</u>	<u>H01H 3 /-</u>	<u>H02J 15 /-</u>
<u>G01N 15 /-</u>	2018287437 2018290774 2018366371	<u>G06F 40 /-</u>	2023201145	2019229697	2021290414
2017366779	<u>G02C 7 /-</u>	<u>G06F 8 /-</u>	<u>G06T 3 /-</u>	<u>H01H 33 /-</u>	<u>H02J 3 /-</u>
<u>G01N 17 /-</u>	2018293302 2021220750	2018365860 2019282542	2020375559	2021352409	2018363059 2021218138 2022201116
2020384849	<u>G03B 35 /-</u>	<u>G06F 9 /-</u>	<u>G06T 7 /-</u>	<u>H01H 75 /-</u>	<u>H02J 50 /-</u>
<u>G01N 21 /-</u>	2018258089	2020352532 2020403002 2021278382 2022200716 2022202368 2022204692	2018389234 2018425665 2019296512 2019302556 2019323401 2019405497	2021352409	2017443712
2017366779 2020384849	<u>G03B 5 /-</u>	<u>G06F 9 /-</u>	<u>G08C 17 /-</u>	<u>H01H 9 /-</u>	<u>H02J 7 /-</u>
<u>G01N 24 /-</u>	2018258089	2020352532 2020403002 2021278382 2022200716 2022202368 2022204692	2021261979	2021352409	2020395173 2020418382 2021218138 2021290414 2022201116 2022204065
2017310513	<u>G03G 21 /-</u>	<u>G06K 19 /-</u>	<u>G08C 19 /-</u>	<u>H01L 23 /-</u>	<u>H02K 1 /-</u>
<u>G01N 27 /-</u>	2018258089	2019320791 2023201145	2022259780	2020265711	2021206849 2022263476
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<u>G01N 33 /-</u>	2020242010	2018351527 2020265711	2022224773	2017376799 2019400942 2020245498 2020395173 2021286328	2022263476
2016311441 2017246480 2017254772 2017294979 2017366779 2018220193 2019270181 2019416610 2021232662	<u>G05B 19 /-</u>	<u>G06N 20 /-</u>	<u>G10L 19 /-</u>	<u>H01M 16 /-</u>	<u>H02K 19 /-</u>
<u>G01R 19 /-</u>	2019422343	2020418421 2021273601	2018337086 2020352977	2021290414	2022263476
2019434963	<u>G05D 1 /-</u>	<u>G06N 20 /-</u>	<u>G10L 21 /-</u>	<u>H01M 50 /-</u>	<u>H02K 21 /-</u>
<u>G01R 31 /-</u>	2019296512	2020418421 2021273601	2020352977	2017351917 2017360396 2020245498	2022263476
2023202160	<u>G06F 1 /-</u>	<u>G06N 20 /-</u>	<u>G10L 25 /-</u>	<u>H01M 6 /-</u>	<u>H02K 41 /-</u>
<u>G01R 33 /-</u>	2020240496	2018425665 2020418421	2021273601	2021286328	2021206849
2017310513	<u>G06F 11 /-</u>	<u>G06N 3 /-</u>	<u>G11B 27 /-</u>	<u>H01M 8 /-</u>	<u>H02K 5 /-</u>
<u>G01S 15 /-</u>	2018311366	2018425665 2020418421	2020352977	2021290414	2021261979 2022263476
2018326667	<u>G06F 119 /-</u>	<u>G06F 13 /-</u>	<u>G16B 20 /-</u>	2020224880	

Applications Accepted - IPC Index cont'd

H02M 7 /-	2019212026 2019263513 2022204692	H04W 60 /-
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H02P 6 /-	H04L 9 /-	H04W 72 /-
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H02P 9 /-	H04M 1 /-	H04W 76 /-
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H02S 20 /-	H04N 13 /-	H05K 1 /-
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H02S 30 /-	H04N 19 /-	H05K 3 /-
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2017376799 2020268909 2022259780		2022202324
H02S 50 /-		H05K 7 /-
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H03G 3 /-	2020352977 2022202368	H10N 60 /-
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H04B 3 /-	H04N 23 /-	
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H04L 45 /-	H04W 24 /-	
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H04L 47 /-	H04W 28 /-	
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H04L 5 /-	H04W 4 /-	
2019210208 2019426286 2020243911	2018385595 2022202368	
H04L 65 /-	H04W 56 /-	
2019212026	2017435222 2020408618	
H04L 67 /-		

Certified Innovation Patents**Name Index**

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

(71) Breville Pty Limited
(11) AU-B-2021101423
(21) 2021101423 (22) 19.03.2021
(54) A sous vide appliance
(51) Int. Cl.
 A47J 27/10 (2006.01)
 A47J 36/24 (2006.01)
(45) 01.06.2023
(62) 2019240769
(72) Foxlee, Brendan; Upston, Gregory;
 Meng, Linchan; Rosian, Marian Silviu;
 Rose, Vyvyan; Shen, William
(74) GLMR

(71) Moon Dog Brewing Pty Ltd
(11) AU-B-2023100011
(21) 2023100011 (22) 02.02.2023
(54) Beverage production
(51) Int. Cl.
 C12G 3/06 (2006.01)
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 C12C 11/00 (2006.01)
 C12H 1/044 (2006.01)
 C12H 1/07 (2006.01)
 B67D 1/08 (2006.01)
(45) 01.06.2023
(62) 2021218101
(72) te Wierik, Kevin John; Uljans, Joshua
 Peter; Langlands, David
(74) BRM Patent Attorneys Pty Ltd

Numerical Index

2021101423 Breville Pty Limited
2023100011 Moon Dog Brewing Pty Ltd

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2021101423

B67D 1 /-

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2023100011

C12H 1 /-

2023100011

Patents Granted

Standard Patents

2020338903	2020343497	2020352930	2020353718
2020355734	2020356457	2020359294	2020368434
2020376834	2020377394	2020377805	2020378613
2020381439	2020384113	2020385049	2020386382
2020390594	2020391306	2020416395	2020418431
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2021257960	2021258021	2021258079	2021261920
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2021277602	2021281478	2021282421	2021282483
2021286360	2021286432	2021287297	2021289333
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2022201001	2022201138	2022201881	2022201888
2022201889	2022202102	2022203143	2022204367
2022209264	2022215250	2022224818	2022231727
2022256111	2022259762	2022259864	2022263582
2022271394	2022275481	2022275501	2022279452
2022281470	2022283700		

Innovation Patents

2019101844

Revocation

It is hereby notified that the offer by the Patentee **Russell, M.J.** to surrender Patent 2013201792 which was advertised in the Official Journal of 06.04.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2005307863 ImageWare Systems, Inc. The patent has been assigned to **Tech5 USA, Inc.**

2006215586 DiaProst AB The patent has been assigned to **Janssen Biotech, Inc.**

Assignments Registered

2006336252 ImageWare Systems, Inc. The patent has been assigned to **Tech5 USA, Inc.**

2007297814 Invacare Corporation The patent has been assigned to **Ventec Life Systems, Inc.**

2008242596 Invacare Corporation The patent has been assigned to **Ventec Life Systems, Inc.**

2010273172 Touch Networks Pty Ltd The patent has been assigned to **AFTERPAY CORPORATE SERVICES PTY LTD**

2010282250 Phasebio Pharmaceuticals, Inc. The patent has been assigned to **ImmunoForge Co., Ltd.**

2011341213 Newish Technology (Beijing) Co., Ltd. The patent has been assigned to **Cytocraft (Beijing) Bioengineering Co., LTD**

2012203342 Invacare Corporation The patent has been assigned to **Ventec Life Systems, Inc.**

2012328173 FredAx AB The patent has been assigned to **Janssen Biotech, Inc.**

2013256130 Kala Pharmaceuticals, Inc.; Johns Hopkins University, The The patent has been assigned to **Johns Hopkins University, The; Alcon Inc.**

2014203773 Invacare Corporation The patent has been assigned to **Ventec Life Systems, Inc.**

2014351611 Fredax AB The patent has been assigned to **Janssen Biotech, Inc.**

2015101626 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2015101924 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2015259305 Stimwave Technologies Incorporated The patent has been assigned to **SWT SPV LLC**

2015337091 Landos Biopharma, Inc. The patent has been assigned to **NIMMUNE BIOPHARMA, INC.**

2015378512 Imageware Systems, Inc. The patent has been assigned to **Tech5 USA, Inc.**

2016100538 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2016200897 Phasebio Pharmaceuticals, Inc The patent has been assigned to **ImmunoForge Co., Ltd.**

2016239826 EasyI The patent has been assigned to **EASYL ZINC**

2016275562 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2016369458 Oberthur Fiduciaire SAS The patent has been assigned to **Oberthur Fiduciaire SAS**

2017100111 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2017100205 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2017100209 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

Assignments Registered

2017279636 Phasebio Pharmaceuticals, Inc. The patent has been assigned to **ImmunoForge Co., Ltd.**

2018201772 Kala Pharmaceuticals, Inc.; The Johns Hopkins University The patent has been assigned to **The Johns Hopkins University; Alcon Inc.**

2018205073 Sentec Ltd The patent has been assigned to **Secure Meters (UK) Limited**

2018304108 Helix OpCo, LLC The patent has been assigned to **Helix, Inc.**

2018304109 Helix OpCo, LLC The patent has been assigned to **Helix, Inc.**

2018389235 Sharp Life Science (EU) Ltd; Oxford Nanopore Technologies Ltd. The patent has been assigned to **Oxford Nanopore Technologies plc**

2019100985 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2019101465 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2019228266 Siemens Aktiengesellschaft The patent has been assigned to **litricity GmbH**

2019265228 Fluid Energy Group Ltd. The patent has been assigned to **Dorf Ketal Chemicals FZE**

2020100509 Harbin Institute of Technology, Weihai The patent has been assigned to **Dongying Broad New Material co.LTD**

2020101152 Danton Enterprises Australia Pty Ltd The patent has been assigned to **CDB Goldair Australia Pty Limited**

2020102312 ATF Services Pty Ltd The patent has been assigned to **Vision Intelligence Pty Ltd**

2020203213 Kala Pharmaceuticals, Inc; The Johns Hopkins University The patent has been assigned to **The Johns Hopkins University; Alcon Inc.**

2020407645 Landos Biopharma, Inc. The patent has been assigned to **NIMMUNE BIOPHARMA, INC.**

2021107288 VAICO LIMITED The patent has been assigned to **VAICO 2022 LIMITED**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2013303826 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

2013365873 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

2015208820 **Pfizer Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

2015208822 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

2016298425 **BioMarin Pharmaceutical Inc.**

The earliest first regulatory approval date provided by the patentee 06 Jul 2022

For the goods VOXZOGO vosoritide

2017268651 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

2018204421 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

2019204623 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

2020204254 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

Corrigenda

In Vol 57 , No 13 , Page(s) 1905 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Regeneron Pharmaceuticals, Inc.; Bayer Healthcare LLC, Application No. 2022275786, under INID (72) correct the co-inventor to EISSING, Thomas

Specifications Republished

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

2018373436 **BASF SE**
2018383915 **Intervet International B.V.**