



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

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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> |
|--|

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 18 July 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

ResMed Pty Ltd v Fisher & Paykel Healthcare Limited [2024] APO 30

Patent Application: 2020223628, 2021201838, 2021201840, 2021201841, 2021201842 and 2021201843.

Title: Patient Interface and Aspects Thereof

Patent Applicant: Fisher & Paykel Healthcare Limited

Opponent: ResMed Pty Ltd

Delegate: L. F. McCaffery

Decision Date: 5 July 2024

Hearing Date: 27 and 28 March 2024 in Melbourne

Catchwords: **PATENTS** – opposition under section 59 to grant of patents – novelty – priority date of claims – claims entitled to earliest priority claimed – consideration of request that regard be had to information filed pursuant to regulation 5.23 – information would not change the outcome of the opposition in a significant way and not taken into account – inventive step – support – clarity – succinctness – utility – manner of manufacture – opposition unsuccessful on the grounds pressed by the opponent at the hearing – additional consideration of support pursuant to section 60(3) – claims of 2021201841 lack support – applicant given the opportunity to amend – pending an appeal, 2020223628, 2021201838, 2021201840, 2021201842 and 2021201843 directed to proceed to grant – parties given two weeks to make written submissions on costs.

Representation: Counsel for the applicant: Tom Cordiner KC and Megan Evetts
Patent attorney for the applicant: Matthew Swinn, Ann-Kathrin Goller and Vicky Zhang from King & Wood Mallesons
Counsel for the opponent: Craig Smith SC
Patent attorney for the opponent: Robynne Sanders, Ben Mawby and Nicole Harrowfield from DLA Piper

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 2 Jul 2024 .

| | | |
|--|--|--|
| ALEXANDER SAMUEL PRESSMAN see WAIKAITU LIMITED (21) 2024902097 | (71) CADIM Pty Ltd (21) 2024902014 (22) 29.06.2024 (54) Cantilevered Structure | (71) Dayman, O. (21) 2024902086 (22) 05.07.2024 (54) Device for Cleaning Trowel Blades |
| (71) b.box for kids developments Pty Ltd (21) 2024902098 (22) 08.07.2024 (54) A PROTECTIVE COVER FOR BOTTLES AND CONTAINERS | Cal Ying Goh, S. see Hartnell, N. (21) 2024902083 | Delabre, M. see Hartnell, N. (21) 2024902083 |
| BEHZAD KHOSROPANAH see WAIKAITU LIMITED (21) 2024902097 | (71) CAMPBELL, T. (21) 2024902095 (22) 08.07.2024 (54) SELF LEVELLING PLASTER COMPOUND APPLICATOR | (71) Dunbar, K. (21) 2024902106 (22) 08.07.2024 (54) Treatment of lignocellulose materials with penetrating combinations of dissolved anions and surfactants |
| (71) Bourne, T. (21) 2024902070 (22) 04.07.2024 (54) A One Piece Acrylic Thermoplastic Skateboard Graphics and Slide Guard | (71) CHDH Group Pty Ltd (ACN 672 782 615) (21) 2024901990 (22) 28.06.2024 (54) A breastfeeding support | (71) Evans, B. (21) 2024902104 (22) 08.07.2024 (54) Edge Beam Insulation System for Enhanced Thermal Efficiency in Concrete Slab Foundations |
| (71) Bowman, T. (21) 2024902062 (22) 04.07.2024 (54) An Athletics Hurdle | (71) Clover Corporation Limited (21) 2024902055 (22) 03.07.2024 (54) FORMULATIONS OF HYGROSCOPIC MATERIALS | (71) Evimien Energy Pty. Ltd (21) 2024902056 (22) 03.07.2024 (54) Turbo-Mechanical Electrode |
| (71) Bucceri, A. (21) 2024902108 (22) 08.07.2024 (54) Containerised snow making machine | (71) Coglitore, C. (21) 2024902064 (22) 04.07.2024 (54) aibiz blockcain web3 tech apps iot quantum rpa | (71) Evimien Energy Pty. Ltd (21) 2024902057 (22) 03.07.2024 (54) CHEMICAL-FREE MEMBRANE-LESS HYDROGEN PEROXIDE ELECTROLYZER |
| (71) BUK (AUST) Pty Ltd (21) 2024902080 (22) 05.07.2024 (54) Care Grab Rail | (71) Corado Hardware Limited (21) 2024902073 (22) 04.07.2024 (54) A hinge | (71) FISHER & PAYKEL APPLIANCES LIMITED (21) 2024902078 (22) 05.07.2024 (54) EXTRACTOR UNIT |
| (71) BUK (AUST) Pty Ltd (21) 2024902081 (22) 05.07.2024 (54) Care Shower Assembly | (71) Corbett, D. (21) 2024902061 (22) 04.07.2024 (54) Storage Rack | (71) Gordon, D. (21) 2024902105 (22) 08.07.2024 (54) Mechanism for Mitigating Fencing Wire Entanglement |
| (71) Caddy, V. (21) 2024902092 (22) 07.07.2024 (54) Process for use of crumbed Tyre Material for Use as a Durable Surface Finish | (71) Coutsioucos, Z. (21) 2024902058 (22) 03.07.2024 (54) Dual ended lighter | |

Provisional Applications Filed - Name Index cont'd

(71) GREGORY JOHN NEIGHBOURS
(21) 2024902069 (22) 04.07.2024
(54) SELF CLIMBING JUMP FORM FOR HIGH RISE STRUCTURES

(71) Hall Engineering Pty Ltd
(21) 2024902074 (22) 04.07.2024
(54) Dust Suppression System

(71) Hartnell, N.; Ruiz, L.; Kirk, S.; Higgins, J.; Panidepu, H.; Delabre, M.; Cal Ying Goh, S.; Sali, S.
(21) 2024902083 (22) 05.07.2024
(54) IMPLANTABLE GRAFTS AND METHODS FOR PRODUCING COLLAGENOUS SCAFFOLDS

(71) Heath, R.
(21) 2024902050 (22) 03.07.2024
(54) A WEARABLE SAFETY BEACON WATCH AND METHOD OF USE

(71) Hemideina Pty Ltd
(21) 2024902043 (22) 02.07.2024
(54) Intraoperative device

Higgins, J. see Hartnell, N.
(21) 2024902083

(71) Imaginot Pty Ltd
(21) 2024902084 (22) 05.07.2024
(54) Method for improving oral drug absorption

(71) Jetpack Artist Ventures LLC
(21) 2024902052 (22) 03.07.2024
(54) AI-DRIVEN SYSTEM AND METHOD FOR GENERATING STYLE FINGERPRINTS AND COMPOSITIONS

(71) Karan, M.
(21) 2024902114 (22) 09.07.2024
(54) Multifunctional Headset with Integrated Lighting and Recording Capabilities

(71) KDB INTELLECTUAL PTY LTD
(21) 2024902044 (22) 02.07.2024
(54) CABINET

(71) K F GROUP PTY LTD
(21) 2024902053 (22) 03.07.2024
(54) Monitoring System

(71) KINALTEK PTY. LTD.
(21) 2024902082 (22) 05.07.2024
(54) A novel method for processing ores

Kirk, S. see Hartnell, N.
(21) 2024902083

(71) Kirstin Bradford trading as Mossvale Equine
(21) 2024902065 (22) 04.07.2024
(54) COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING EQUINE HOOF INFECTIONS

(71) Latin, F.
(21) 2024902076 (22) 04.07.2024
(54) Traffic Controller Universal Clip (TCUC)

(71) Lerma, D.
(21) 2024902110 (22) 08.07.2024
(54) The 'Court Comfort' Cushion: A cushion using tennis balls as core material

(71) Liquim Limited
(21) 2024902100 (22) 08.07.2024
(54) NATURAL-ORIGIN BIOADHESIVE, BIODEGRADABLE, PROTECTIVE MICROFILM BARRIER COMPOSITION AND METHOD OF USE

(71) Liquim Limited
(21) 2024902102 (22) 08.07.2024
(54) NATURAL-ORIGIN BIOADHESIVE, BIODEGRADABLE FACE SKIN MICROFILM PRIMER COMPOSITION AND METHOD OF USE

(71) LJF Consultants Pty Ltd
(21) 2024902113 (22) 09.07.2024
(54) A METHOD AND SYSTEM FOR IN-SITU RECOVERY OF METALS

(71) Mahoney, M.
(21) 2024902072 (22) 04.07.2024
(54) ppe

(71) Mai, D.
(21) 2024902117 (22) 09.07.2024
(54) Geothermal ground loop installation apparatus

(71) Mills, A.
(21) 2024902103 (22) 08.07.2024
(54) SYSTEM AND METHOD FOR FACILITATING USERS TO CREATE AND VIEW ONLINE CONTENT

(71) Minelab Electronics Pty. Limited
(21) 2024902046 (22) 02.07.2024
(54) AN IMPROVED METAL DETECTOR

(71) moore, i.
(21) 2024902045 (22) 02.07.2024
(54) Physics Engineering Process to observe and apply associated constants and functions

(71) NEOSENS AUSTRALIA PTY LTD
(21) 2024902077 (22) 05.07.2024
(54) IMPROVED TYRE PRESSURE SENSOR

(71) New Medtek Devices Pty Ltd
(21) 2024902071 (22) 04.07.2024
(54) Fluid delivery device

Panidepu, H. see Hartnell, N.
(21) 2024902083

(71) Peatman, C.
(21) 2024902051 (22) 03.07.2024
(54) METHOD FOR ASSESSING AND ENCODING THE LEVEL OF POTENTIAL HARM OF AN ITEM AND FOR DECLARING THE HARM TOLERANCE LEVELS OF A CONSUMER AND SYSTEM FOR REGISTRATION OF THE HARM TOLERANCE LEVELS DECLARED BY A CONSUMER IN A REFERENCE DATABASE

(71) PharmAust Limited
(21) 2024902063 (22) 04.07.2024
(54) Methods of producing (S)-monepantel and intermediates thereof

(71) Posture Pty Ltd
(21) 2024902096 (22) 08.07.2024
(54) IMPROVED ERGONOMIC HOLDER FOR A HANDHELD DEVICE

(71) Process Development Centre Pty Ltd
(21) 2024902124 (22) 09.07.2024
(54) SLURRY DISPERSAL SYSTEM FOR A THICKENER OR LIKE APPARATUS

(71) RAJAJI, H.; TOWNSEND, P.
(21) 2024902066 (22) 04.07.2024
(54) Tie Up Ear Guard

(71) ResMed Pty Ltd
(21) 2024902060 (22) 04.07.2024
(54) FLOW ELEMENT AND METHOD OF MANUFACTURE

Ruiz, L. see Hartnell, N.
(21) 2024902083

Rule, M. see Rule, M.
(21) 2024902075

(71) Rule, M.; Rule, M.
(21) 2024902075 (22) 04.07.2024
(54) Coralline Macroalgae and Materials Therefrom

Provisional Applications Filed - Name Index cont'd

Sali, S. see Hartnell, N.

(21) 2024902083

(71) Scolaro, A.

(21) 2024902059 (22) 04.07.2024

(54) A Power Drive

(71) Scolaro, A.

(21) 2024902109 (22) 08.07.2024

(54) A Power Drive

(71) SENSE2 PTY LTD

(21) 2024902090 (22) 07.07.2024

(54) Advanced Three-Dimensional Nanocrystalline Boron-Doped Diamond Interconnect Structures for High-Performance Semiconductor Applications

(71) SENSE2 PTY LTD

(21) 2024902091 (22) 07.07.2024

(54) Advanced Three-Dimensional Nanocrystalline Boron-Doped Diamond Interconnect Structures for High-Performance Semiconductor Applications

(71) SENSE2 PTY LTD

(21) 2024902093 (22) 07.07.2024

(54) Advanced Boron-Doped Diamond Structures for High-Performance Semiconductor, Electronic, Robotic, Automotive, and Quantum Applications

(71) SHUKLA, A.

(21) 2024902039 (22) 02.07.2024

(54) encryption of money transfer technology by desktop pc--laptop--tablets mobiles or any other electronic device such as merchant device....eftpos machines.....and returning the money back to the customer back via online internet is the technology/---technology name --"TAPEPAYGO"

(71) Span Engineering Pty Ltd

(21) 2024902112 (22) 09.07.2024

(54) CONFIGURABLE REMOTE DEVICE AND SYSTEM

(71) Stevens Products Limited

(21) 2024902099 (22) 08.07.2024

(54) Zero turn radius machine

(71) Stoney Pinch Sands Pty Ltd

(21) 2024902089 (22) 05.07.2024

(54) Method of Production of Plant Available Silica

The Flinders University of South Australia
see The University of Queensland

(21) 2024902111

(71) The University of Adelaide

(21) 2024902054 (22) 03.07.2024

(54) AGENT FOR TREATING OR PREVENTING A GENETIC DISEASE

(71) The University of Queensland; The Flinders University of South Australia

(21) 2024902111 (22) 09.07.2024

(54) Molecules and uses therefor

(71) The University of Sydney

(21) 2024902087 (22) 05.07.2024

(54) FXI inhibitors

(71) The University of Sydney

(21) 2024902088 (22) 05.07.2024

(54) Inhibitors of FXIa

TOWNSEND, P. see RAJAJI, H.

(21) 2024902066

(71) Tractive Motion Technologies Pty Ltd

(21) 2024902049 (22) 03.07.2024

(54) Seaming apparatus

(71) Vacrest Pty Ltd

(21) 2024902107 (22) 08.07.2024

(54) Composition and Method of Forming a Composition.

(71) WAIKAITU LIMITED; ALEXANDER SAMUEL PRESSMAN; BEHZAD KHOSROPANAH

(21) 2024902097 (22) 08.07.2024

(54) Herbicidal formulations and use thereof

(71) Webb, D.

(21) 2024902101 (22) 08.07.2024

(54) Hive and Method for Varroa Mite Control

(71) Wood, K.

(21) 2024902067 (22) 04.07.2024

(54) A multi part boat with parts that stack inside of each other that can be assembled into one rigid boat. Each part of the hull is made form a single metal sheet each being leak proof due to being continuous patent metal without joints or significant welded seams below the waterline.

(71) Zahley Pty Ltd

(21) 2024902079 (22) 05.07.2024

(54) ALL IN ONE INSULATED BABY BOTTLE

(71) Zapt Industries Pty Ltd

(21) 2024902048 (22) 03.07.2024

(54) LIGHT ASSEMBLY AND LIGHTING SYSTEM

(71) ZEROJET LIMITED

(21) 2024902068 (22) 04.07.2024

(54) A ROTARY ELECTROMECHANICAL DEVICE

(71) ZEROJET LIMITED

(21) 2024902085 (22) 05.07.2024

(54) A ROTOR CORE OF OR FOR AN INTERIOR PERMANENT MAGNET ELECTRIC MOTOR

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| 2024902043 | Hemideina Pty Ltd | 2024902111 | The University of Queensland; The Flinders University of South Australia |
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| 2024902062 | Bowman, T. | | |
| 2024902063 | PharmAust Limited | | |
| 2024902064 | Coglitore, C. | | |
| 2024902065 | Kirstin Bradford trading as Mossvale Equine | | |
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| 2024902074 | Hall Engineering Pty Ltd | | |
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| 2024902077 | NEOSENS AUSTRALIA PTY LTD | | |
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| 2024902079 | Zahley Pty Ltd | | |
| 2024902080 | BUK (AUST) Pty Ltd | | |
| 2024902081 | BUK (AUST) Pty Ltd | | |
| 2024902082 | KINALTEK PTY. LTD. | | |
| 2024902083 | Hartnell, N.; Ruiz, L.; Kirk, S.; Higgins, J.; Panidepu, H.; Delabre, M.; Cal Ying Goh, S.; Sali, S. | | |
| 2024902084 | Imaginot Pty Ltd | | |
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| 2024902086 | Dayman, O. | | |
| 2024902087 | The University of Sydney | | |
| 2024902088 | The University of Sydney | | |
| 2024902089 | Stoney Pinch Sands Pty Ltd | | |
| 2024902090 | SENSE2 PTY LTD | | |
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Complete Applications Filed

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. (*) Title not in Roman characters

. (**) Title not given

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| <p>(71) Abbott Diabetes Care Inc. (21) 2024204622 (22) 03.07.2024 (54) Stabilized lactate responsive enzymes, electrodes and sensors, and methods for making and using the same</p> | <p>ging of tissues using biomolecular probes</p> <p>(71) Amgen Inc. (21) 2024204611 (22) 03.07.2024 (54) Graphical user interface for personalized prediction modeling</p> | <p>(71) Aristocrat Technologies, Inc. (21) 2024204604 (22) 03.07.2024 (54) DIGIT-BASED ELECTRONIC GAMING SYSTEMS AND METHODS WITH EXPANDING SYMBOL POSITIONS</p> |
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(21) 2024204676 (22) 05.07.2024
(54) Image data encoding/decoding method and apparatus

(71) BEIJING DAJIA INTERNET INFORMATION TECHNOLOGY CO., LTD.
(21) 2024204610 (22) 03.07.2024
(54) A METHOD FOR VIDEO CODING

(71) BlueScope Steel Limited
(21) 2024204644 (22) 04.07.2024
(54) Coating process

(71) Board of Trustees of Michigan State University
(21) 2024204585 (22) 02.07.2024
(54) Nano-reactor system for decomposition of per- and polyfluoroalkyl substances

(71) Bolton, L.
(21) 2024204657 (22) 04.07.2024
(54) A COVER FOR A CAVITY

(71) BOSS EMBOSSEERS PTY LTD
(21) 2024204707 (22) 08.07.2024
(54) FOOD EMULSION MATERIAL AND METHODS

(71) Canon Kabushiki Kaisha
(21) 2024204679 (22) 05.07.2024
(54) Drum unit, cartridge, electrophotographic image forming apparatus and coupling member

(71) Cao, L.
(21) 2024204702 (22) 08.07.2024
(54) A Hat for keeps hair puffy

(71) CATERPILLAR INC.
(21) 2024204642 (22) 04.07.2024
(54) MOLDBOARD MODULAR RAIL DESIGN

(71) Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Consorcio Centro de Investigacion Biomedica en Red, M.P.
(21) 2024204597 (22) 03.07.2024
(54) Compositions and methods for enhanced gene expression of PKLR

(71) CFPH, LLC
(21) 2024204573 (22) 02.07.2024
(54) CARD GAME WITH RAKE

(71) CHEP Technology Pty Ltd
(21) 2024204708 (22) 08.07.2024
(54) Pallet system as well as measuring component

(71) China Medical University
(21) 2024204626 (22) 03.07.2024
(54) Cell Repair-Promoting Extracellular Vesicle, Production Method, Preparation, and Use Thereof

(71) COHEN, M.
(21) 2024204628 (22) 03.07.2024
(54) System And Method For Leveraging Force

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024204695 (22) 08.07.2024
(54) An automatic encoder of legislation to logic

(71) ConocoPhillips Company
(21) 2024204594 (22) 03.07.2024
(54) LIGHT OIL REFLUX HEAVIES REMOVAL PROCESS

Consorcio Centro de Investigacion Biomedica en Red, M.P. see Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.
(21) 2024204597

(71) Conventus Orthopaedics, Inc.
(21) 2024204656 (22) 04.07.2024
(54) ACTIVE COMPRESSION APPARATUS, METHODS OF ASSEMBLY, AND METHODS OF USE

(71) Convey AI
(21) 2024204632 (22) 04.07.2024
(54) Convey AI Real Time Conveyancing

(71) Cooke, K.
(21) 2024204693 (22) 08.07.2024
(54) Compostable Facemask

(71) Corcept Therapeutics Incorporated
(21) 2024204623 (22) 03.07.2024
(54) POLYMORPHS OF PYRIMIDINE CYCLOHEXYL GLUCOCORTICOID RECEPTOR MODULATORS

(71) Core Group International
(21) 2024204685 (22) 05.07.2024
(54) Core Future Homes - Market Futuristic Homes with Smart Tech Products and Energy Efficient Technologies

(71) Coulter Ventures, LLC
(21) 2024204612 (22) 03.07.2024
(54) Weight plate carrier vest

(71) DAIKIN INDUSTRIES, LTD.
(21) 2024204735 (22) 09.07.2024
(54) Indoor unit of air conditioning device

(71) Denali Therapeutics Inc.
(21) 2024204621 (22) 03.07.2024
(54) Pyrimidin-2-ylamino-1H-pyrazols as LRRK2 inhibitors for use in the treatment of neurodegenerative disorders

(71) Dolby Laboratories Licensing Corporation
(21) 2024204654 (22) 04.07.2024
(54) Adaptive Processing with Multiple Media Processing Nodes

(71) Dreame Innovation Technology (Suzhou) Co., Ltd.
(21) 2024204709 (22) 08.07.2024
(54) CLEANING ROBOT AND MOVEMENT CONTROL METHOD THEREOF

(71) Dynex Extrusions Limited
(21) 2024204596 (22) 03.07.2024
(54) A BUILDING FLASHING

(71) EMP Biotech GmbH
(21) 2024204668 (22) 05.07.2024
(54) SYSTEM AND METHOD OF APPLIED RADIAL TECHNOLOGY CHROMATOGRAPHY

(71) EXEL Industries
(21) 2024204579 (22) 02.07.2024
(54) Garden hose connectors

(71) Fa-Tech Diagnostics Italia s.r.l.
(21) 2024204733 (22) 09.07.2024
(54) Apparatus and method for printing and controlling embedding cassettes

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024204701 (22) 08.07.2024
(54) CONDUIT CONNECTOR FOR A PATIENT BREATHING DEVICE

(71) French, A.
(21) 2024204617 (22) 03.07.2024
(54) A Wall Repair Device

(71) Fulcrum Bioenergy, Inc.
(21) 2024204662 (22) 05.07.2024

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(54) PROCESSES FOR PRODUCING HIGH BIOGENIC CONCENTRATION FISCHER-TROPSCH LIQUIDS DERIVED FROM MUNICIPAL SOLID WASTES (MSW) FEEDSTOCKS

Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz see Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.
(21) 2024204597

(71) Godfrey Hirst Australia Pty Ltd
(21) 2024204582 (22) 02.07.2024
(54) Method for producing a fibrous composition and fibrous composition

(71) Google LLC
(21) 2024204635 (22) 04.07.2024
(54) PLANE WAVE DUAL BASIS FOR QUANTUM SIMULATION

(71) Google LLC
(21) 2024204639 (22) 04.07.2024
(54) FREQUENCY PATTERN FOR REDUCING PARASITIC INTERACTIONS IN A QUBIT GRID

(71) Howmedica Osteonics Corp.
(21) 2024204577 (22) 02.07.2024
(54) Shoulder prosthesis components and assemblies

(71) Illinois Tool Works Inc.
(21) 2024204655 (22) 04.07.2024
(54) Threaded fasteners

(71) Imagine Pharma, LLC
(21) 2024204658 (22) 04.07.2024
(54) Compositions and methods for propagating insulin-producing islet cells and therapeutic uses thereof

(71) Implantica Patent Ltd
(21) 2024204659 (22) 04.07.2024
(54) System For Treating A Patient Having An Intestinal Disorder

(71) INDUSTRO INTERNATIONAL CO., LTD
(21) 2024204704 (22) 08.07.2024
(54) CUTTER WITH A GUIDING PORTION

(71) INDUSTRO INTERNATIONAL CO., LTD.
(21) 2024204703 (22) 08.07.2024
(54) BLADE-REPLACEMENT APPARATUS OF A CUTTER

(71) Ingram Micro Inc.
(21) 2024204660 (22) 04.07.2024
(54) SYSTEMS AND METHODS FOR SUPPLY CHAIN MANAGEMENT INCLUDING ERP AGNOSTIC REALTIME DATA MESH WITH CHANGE DATA CAPTURE

(71) Innovative Constructions Australia Pty Ltd
(21) 2024204630 (22) 03.07.2024
(54) Construction system, components for a construction system and method of construction using components of a construction system

(71) Inovio Pharmaceuticals, Inc.; The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology
(21) 2024204649 (22) 04.07.2024
(54) DNA monoclonal antibodies targeting checkpoint molecules

(71) Institute for Musculoskeletal Science and Education, LTD.
(21) 2024204615 (22) 03.07.2024
(54) Implant with a diagonal insertion axis

(71) International Business Machines Corporation
(21) 2024204706 (22) 08.07.2024
(54) Autonomous driving evaluation using data analysis

(71) Intervet International B.V.
(21) 2024204698 (22) 08.07.2024
(54) Canine antibodies with modified CH2-CH3 sequences

Japan Tobacco Inc. see LEO Pharma A/S
(21) 2024204716

(71) Jhunjhunwala, S.
(21) 2024204640 (22) 04.07.2024
(54) A method for producing elastic bands with recycled materials

(71) Kraft Foods Schweiz Holding GmbH
(21) 2024204687 (22) 05.07.2024
(54) Equipment for forming paper packages and methods of use

(71) Kratos Integral Holdings, LLC
(21) 2024204723 (22) 09.07.2024
(54) System And Method For Processing Signals Using Feed Forward Carrier And Timing Recovery

(71) Kyocera Corporation
(21) 2024204730 (22) 09.07.2024

(54) Artificial joint shell and artificial hip joint

(71) Lam, T.T.
(21) 2024204713 (22) 08.07.2024
(54) POWER CONVERSION SYSTEM FOR LOW FREQUENCY MECHANICAL POWER

(71) Lam, T.T.
(21) 2024204714 (22) 08.07.2024
(54) PONTOON-DOCK BASED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2024204715 (22) 08.07.2024
(54) WAVE ENERGY SYSTEMS

(71) LEO Pharma A/S; Japan Tobacco Inc.
(21) 2024204716 (22) 09.07.2024
(54) Treatment of alopecia areata

(71) LG Electronics Inc.
(21) 2024204574 (22) 02.07.2024
(54) METHOD AND DEVICE FOR SIGNALING VIDEO INFORMATION APPLICABLE AT PICTURE LEVEL OR SLICE LEVEL

(71) LG Electronics Inc.
(21) 2024204575 (22) 02.07.2024
(54) IMAGE DECODING METHOD AND APPARATUS FOR CODING IMAGE INFORMATION INCLUDING PICTURE HEADER

(71) LG ELECTRONICS INC.
(21) 2024204607 (22) 03.07.2024
(54) Home appliance door and home appliance

(71) LG ELECTRONICS INC.
(21) 2024204638 (22) 04.07.2024
(54) REFRIGERATOR AND HOME APPLIANCE

(71) Lippert Components Inc.
(21) 2024204627 (22) 03.07.2024
(54) Trailer Panic Braking Assist

(71) Longeveron Inc.
(21) 2024204598 (22) 03.07.2024
(54) Mesenchymal stem cells as vaccine adjuvants and methods for using the same

(71) LTA RESEARCH AND EXPLORATION, LLC
(21) 2024204605 (22) 03.07.2024

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(54) SYSTEMS AND METHODS FOR MEASURING LIFT OF A GAS CELL

(71) Lu, G.
(21) 2024204625 (22) 03.07.2024
(54) Diverting belt

(71) Magneteco Holdings Pty Ltd
(21) 2024204719 (22) 09.07.2024
(54) A MOTOR

(71) Manitou Italia S.r.l.
(21) 2024204699 (22) 08.07.2024
(54) Safety system for working machine

(71) MarkSmart Pty Ltd
(21) 2024204732 (22) 09.07.2024
(54) SYSTEMISED MARKING APPARATUS AND METHOD

(71) MECCANICA BREGANZESE S.p.A. in breve MB S.p.A.
(21) 2024204637 (22) 04.07.2024
(54) SCREENING BUCKET

(71) MKV GmbH
(21) 2024204608 (22) 03.07.2024
(54) Preparation Station For A Fast Food Restaurant

(71) Modular Innovations Pty Ltd
(21) 2024204614 (22) 03.07.2024
(54) IMPROVED PANEL AND POST SYSTEMS

(71) NanoThings, Inc.
(21) 2024204705 (22) 08.07.2024
(54) ITEM STATUS TRACKING SYSTEM AND METHOD

(71) NantKwest, Inc.
(21) 2024204692 (22) 08.07.2024
(54) Antibody pre-loaded CD16+NK-92 cells as an effective therapeutic product for tumor lysis

(71) NEOSENS AUSTRALIA PTY LTD
(21) 2024204667 (22) 05.07.2024
(54) IMPROVED TYRE PRESSURE SENSOR

(71) Nicoventures Trading Limited
(21) 2024204588 (22) 02.07.2024
(54) An article for use in a non-combustible aerosol provision system

(71) Northrop Grumman Systems Corporation
(21) 2024204697 (22) 08.07.2024

(54) Electrostatic discharge mitigation for a first spacecraft operating in proximity to a second spacecraft and related methods

(71) Norwood Industries Inc.
(21) 2024204646 (22) 04.07.2024
(54) TACKING LAMINATED RAIL WITH IN-SET TRACK GUIDE

(71) Ocado Innovation Limited
(21) 2024204590 (22) 02.07.2024
(54) Multi-Function Inventory Handling Station Assembly

(71) OM Engineering Pty Ltd
(21) 2024204671 (22) 05.07.2024
(54) Independent self-climbing form system for building vertical structures

(71) Owens-Brockway Glass Container Inc.
(21) 2024204673 (22) 05.07.2024
(54) Three-dimensional printing of a porous matrix on a container

(71) Paradigm BioPharmaceuticals Ltd
(21) 2024204710 (22) 08.07.2024
(54) Treatment of bone marrow pathologies with polysulfated polysaccharides

(71) Plumbata Intelligent Business Solutions Inc.
(21) 2024204636 (22) 04.07.2024
(54) Computer System and Computer-Readable Medium for Project Management

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(21) 2024204643

Qingdao Hyunion Holding Auto Parts Co.,Ltd see Qingdao University of Technology
(21) 2024204643

Qingdao Jimo Qingli intelligent manufacturing industry Research Institute see Qingdao University of Technology
(21) 2024204643

(71) Qingdao University of Technology; Qingdao Huanghai University; Qingdao Hyunion Holding Auto Parts Co.,Ltd; Qingdao Jimo Qingli intelligent manufacturing industry Research Institute
(21) 2024204643 (22) 04.07.2024
(54) PRODUCTION LINE FOR WELDING AUTOMOTIVE REAR FLOOR PANEL AND METHOD THEREOF

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024204606 (22) 03.07.2024
(54) DEVICES AND METHODS FOR PRECISION DOSE DELIVERY

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024204645 (22) 04.07.2024
(54) GENETICALLY MODIFIED T CELL RECEPTOR MICE

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024204677 (22) 05.07.2024
(54) Use of a VEGF antagonist to treat angiogenic eye disorders

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024204694 (22) 08.07.2024
(54) HUMANIZED IL-4 AND IL-4R ALPHA ANIMALS

(71) REG Synthetic Fuels, LLC
(21) 2024204633 (22) 04.07.2024
(54) Blended fuel compositions with improved emissions profiles

(71) REV BIO, INC.
(21) 2024204602 (22) 03.07.2024
(54) COMPOSITIONS AND METHODS FOR ADHESION TO SURFACES

(71) Riken
(21) 2024204680 (22) 05.07.2024
(54) Class A GPCR-binding compound modifier

(71) Roar Equipment Pty Ltd
(21) 2024204647 (22) 04.07.2024
(54) IMPROVED DISPLAY CABINET APPARATUS AND METHOD

(71) Schlumberger Technology B.V.
(21) 2024204664 (22) 05.07.2024
(54) Pressure release system for well intervention

(71) Seres Therapeutics, Inc.
(21) 2024204663 (22) 05.07.2024
(54) SYNERGISTIC BACTERIAL COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF

(71) Shenzhen Turier Biotech Co., Ltd.
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(54) PEPTIDE COMPOUND TARGETING ELASTIN-DERIVED PEPTIDES AND USE THEREOF

(71) Smart Utility Networks Pty Ltd
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(54) Underground utilities enclosures

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 (21) 2024204688 (22) 06.07.2024
 (54) A hard protective cover for paperback books

(71) Sundance Spas, Inc.
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 (54) REMOTE SPA CONTROL SYSTEM

(71) SUNGROW POWER SUPPLY CO., LTD.
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 (54) POWER SUPPLY CIRCUIT, BATTERY MONITORING CIRCUIT, AND ENERGY STORAGE DEVICE

(71) Sustainable Marine Energy Limited
 (21) 2024204578 (22) 02.07.2024
 (54) Marine power generation system

(71) Swiss VX Venentherapie und Forschung GmbH
 (21) 2024204712 (22) 08.07.2024
 (54) Non-implant device for temporary occlusion of blood vessels and use thereof

(71) Team Work Fencing Contractors
 (21) 2024204616 (22) 03.07.2024
 (54) Retaining wall system

(71) Tencent America LLC
 (21) 2024204672 (22) 05.07.2024
 (54) SIGNALING OF REFERENCE PICTURE RESAMPLING WITH RESAMPLING PICTURE SIZE INDICATION IN VIDEO BITSTREAM

(71) The Board of Regents of The University of Texas System
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 (54) 3-DIMENSIONAL REPRESENTATIONS OF POST-CONTRAST ENHANCED BRAIN LESIONS

(71) The Boeing Company
 (21) 2024204734 (22) 09.07.2024
 (54) Surface preparation for electrolytic inorganic finishes

(71) The Trustees of Columbia University in the City of New York
 (21) 2024204586 (22) 02.07.2024
 (54) Compounds, compositions, and methods for suppressing toxic endoplasmic reticulum stress

(71) The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology
 (21) 2024204641 (22) 04.07.2024
 (54) Novel vaccines against Zika virus

The Trustees of the University of Pennsylvania see Inovio Pharmaceuticals, Inc.
 (21) 2024204649

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 (21) 2024204641

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 (21) 2024204649

(71) Thomson Reuters Enterprise Centre GmbH
 (21) 2024204609 (22) 03.07.2024
 (54) SYSTEM AND ENGINE FOR SEEDED CLUSTERING OF NEWS EVENTS

(71) TRANSNET NZ LIMITED
 (21) 2024204593 (22) 03.07.2024
 (54) Modular Foundation System

(71) Trina Solar Co., Ltd.
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 (54) Solar cell and preparation method thereof

(71) Trina Solar Co., Ltd.
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 (54) Solar cell structure, method for preparing solar cell, and mask plate

(71) Unison Industries, LLC
 (21) 2024204631 (22) 04.07.2024
 (54) AIR TURBINE STARTER WITH FLUID DAMPING ASSEMBLY

(71) UPSIDE FOODS, INC.
 (21) 2024204683 (22) 05.07.2024
 (54) COMESTIBLE CELL-BASED MEAT PRODUCTS COMPRISING DRY CELL POWDER AND METHODS OF MAKING SUCH PRODUCTS

(71) Urovant Sciences GmbH
 (21) 2024204591 (22) 03.07.2024
 (54) Use of vibegron to treat overactive bladder

(71) Verrica Pharmaceuticals Inc.
 (21) 2024204696 (22) 08.07.2024
 (54) Treatment of cutaneous disorders

(71) Visa International Service Association
 (21) 2024204620 (22) 03.07.2024
 (54) System and method employing reduced time device processing

(71) VISUAL DEFENCE INC.
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 (54) A carrier for a drone

(71) Wing Aviation LLC
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 (54) Contingency response operations for flight paths

(71) Wood, M.
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 (54) Energy Chewing Gum

(71) YIYANIQ INC.
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 (54) SYSTEM AND METHOD FOR VARIATIONAL ANNEALING TO SOLVE FINANCIAL OPTIMIZATION PROBLEMS

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 (54) PRODUCT AS A KEY FOR CONTEXT-BASED IMAGE GENERATION

(71) Zhejiang Orient Gene Biotech Co., Ltd
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2024204711 Zhejiang Orient Gene Biotech Co., Ltd
2024204712 Swiss VX Venentherapie und Forschung GmbH
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2024204714 Lam, T.T.
2024204715 Lam, T.T.
2024204716 LEO Pharma A/S; Japan Tobacco Inc.
2024204718 Smart Utility Networks Pty Ltd
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2024204733 Fa-Tech Diagnostics Italia s.r.l.
2024204734 The Boeing Company
2024204735 DAIKIN INDUSTRIES, LTD.

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
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- 12 Application Withdrawn Section 141(1)
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- 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
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 2016393382 (14) 2016401691 (14)

2017

2017100435 (22) 2017101661 (22) 2017101755 (22)
 2017101776 (22E) 2017101793 (22E) 2017101798 (22E)
 2017200495 (14) 2017201419 (14) 2017206069 (5C)

2017208220 (14) 2017213446 (5C) 2017228561 (14)
 2017235941 (14) 2017245301 (14) 2017258916 (14)
 2017261590 (14) 2017265115 (14) 2017279714 (4C)
 2017279798 (14) 2017279816 (4C) 2017378985 (4C)
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 2017381803 (4C) 2017382039 (14) 2017382040 (14)
 2017382161 (14) 2017382277 (4C) 2017382293 (4C)
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 2017387549 (14) 2017389794 (14) 2017395092 (14)
 2017402634 (14) 2017441153 (14) 2017443538 (14)
 2017443546 (14) 2017443912 (4C)

2018

2018100348 (22) 2018102103 (22E) 2018102109 (22E)
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 2018247579 (5C) 2018254734 (25D) 2018258117 (5C)
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 2018273456 (5C) 2018282307 (14) 2018282367 (14)
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2019

2019100290 (22) 2019100291 (22) 2019100292 (22)
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 2019101705 (22E) 2019101845 (22E) 2019202738 (14)
 2019204944 (14) 2019206023 (1B) 2019209546 (25D)
 2019213286 (5C) 2019213423 (1B) 2019261757 (14)
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 2019418426 (4B) 2019418500 (4B) 2019418506 (4B)
 2019427298 (4B) 2019430528 (4B) 2019457026 (1B)
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 2019478487 (4C)

2020

2020100769 (22E) 2020104208 (22E) 2020104225 (22E)
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 2020104244 (22E) 2020104254 (22E) 2020104275 (22E)
 2020104294 (22E) 2020104321 (22E) 2020203614 (14)
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| 2020273356 (5C) | 2020280987 (5C) | 2020294326 (5C) |
| 2020312596 (1B) | 2020312779 (1B) | 2020312845 (1B) |
| 2020312861 (1B) | 2020312862 (1B) | 2020313090 (1B) |
| 2020313312 (1B) | 2020313431 (1B) | 2020313436 (1B) |
| 2020313995 (1B) | 2020314086 (1B) | 2020314454 (1B) |
| 2020314722 (1B) | 2020314851 (1B) | 2020314866 (1B) |
| 2020314966 (1B) | 2020314971 (1B) | 2020314975 (1B) |
| 2020315180 (1B) | 2020315187 (1B) | 2020315209 (1B) |
| 2020315331 (1B) | 2020315353 (1B) | 2020315407 (1B) |
| 2020315420 (1B) | 2020315432 (1B) | 2020315606 (1B) |
| 2020315640 (1B) | 2020315664 (1B) | 2020315775 (1B) |
| 2020315869 (1B) | 2020315874 (1B) | 2020315878 (1B) |
| 2020315881 (1B) | 2020316017 (1B) | 2020316330 (1B) |
| 2020316860 (1B) | 2020317048 (1B) | 2020318498 (1B) |
| 2020318574 (1B) | 2020318916 (1B) | 2020319022 (1B) |
| 2020340203 (1B) | 2020355549 (5C) | 2020359946 (25D) |
| 2020364256 (5C) | 2020370210 (5C) | 2020387745 (5C) |
| 2020388042 (5C) | 2020394362 (5C) | 2020401028 (5C) |
| 2020402278 (5C) | 2020404923 (5C) | 2020407082 (5C) |
| 2020414903 (5C) | 2020424401 (5C) | 2020457263 (5C) |

2021

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| 2021100652 (22) | 2021200452 (14) | 2021200611 (5C) |
| 2021200924 (14) | 2021201680 (14) | 2021201873 (14) |
| 2021201875 (14) | 2021202042 (4C) | 2021202190 (25D) |
| 2021202684 (4C) | 2021203579 (4C) | 2021217210 (5C) |
| 2021218083 (5C) | 2021220305 (5C) | 2021257998 (14) |
| 2021265948 (5C) | 2021282405 (5C) | 2021292881 (5C) |
| 2021296681 (5C) | 2021398579 (5C) | |

2022

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| 2022200361 (4C) | 2022200561 (4C) | 2022201072 (4C) |
| 2022201075 (5C) | 2022201363 (4C) | 2022201581 (5C) |
| 2022201836 (5C) | 2022201962 (5C) | 2022201967 (4C) |
| 2022202835 (5C) | 2022202891 (5C) | 2022202903 (5C) |
| 2022203059 (5C) | 2022203158 (5C) | 2022203160 (5C) |
| 2022203210 (5C) | 2022203276 (5C) | 2022203277 (5C) |
| 2022203304 (5C) | 2022203307 (5C) | 2022203518 (5C) |
| 2022203597 (5C) | 2022204318 (5C) | 2022204484 (4C) |
| 2022204489 (5C) | 2022204599 (5C) | 2022205210 (5C) |
| 2022205213 (5C) | 2022211879 (5C) | 2022215186 (25D) |
| 2022221439 (5C) | 2022235509 (4C) | 2022259837 (14) |
| 2022268351 (5C) | 2022271458 (5C) | 2022279507 (4C) |
| 2022388902 (5C) | | |

2023

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| 2023200009 (5C) | 2023201275 (4C) | 2023202762 (5C) |
| 2023204373 (4C) | 2023219812 (4C) | 2023361986 (8AN) |
| 2023902246 (12AN) | | |

2024

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|-------------------|--------------------|--------------------|
| 2024201285 (1B) | 2024202436 (1B) | 2024202449 (1B) |
| 2024202535 (1B) | 2024202708 (7AN) | 2024202709 (7AN) |

Assignments before Grant, Section 113

2018

2018271121 Evogen, Inc. The application has been assigned to **Cognizance Biomarkers, Inc.**

2018316511 Murphy, James The application has been assigned to **GABAJA Limited**

2018368801 CommScope Technologies LLC The application has been assigned to **Outdoor Wireless Networks LLC**

2018371655 National University Hospital (Singapore) Pte Ltd; National University of Singapore; The Biofactory Pte Ltd The application has

Assignments before Grant, Section 113

been assigned to **National University Hospital (Singapore) Pte Ltd; National University of Singapore**

2018375695 Medicago Inc. The application has been assigned to **Aramis Biotechnologies Inc.**

2019

2019233860 Medicago Inc. The application has been assigned to **Aramis Biotechnologies Inc.**

2019263471 Laibson, Benjamin The application has been assigned to **Digital Age Experts LLC**

2019295495 Medicago Inc. The application has been assigned to **Aramis Biotechnologies Inc.**

2019295496 Medicago Inc. The application has been assigned to **Aramis Biotechnologies Inc.**

2019295497 Medicago Inc. The application has been assigned to **Aramis Biotechnologies Inc.**

2019434270 Medicago Inc. The application has been assigned to **Aramis Biotechnologies Inc.**

2019470001 Vector Vitale IP LLC The application has been assigned to **Nomax Therapeutics Inc.**

2020

2020304684 Battelle Memorial Institute The application has been assigned to **Revive Environmental Technology, LLC**

2021

2021242222 CommScope Technologies LLC The application has been assigned to **Outdoor Wireless Networks LLC**

2021244357 CommScope Technologies LLC The application has been assigned to **Outdoor Wireless Networks LLC**

2021249344 Mitsui Chemicals, Inc. The application has been assigned to **Mitsui Chemicals Asahi Life Materials Co. Ltd.**

2021258916 Medicago Inc.; Hendin, Hilary; Ward, Brian The application has been assigned to **Aramis Biotechnologies Inc.; Hendin, Hilary; Ward, Brian**

2021270978 Hope Tree Holding GmbH; Hope Tree International GmbH The application has been assigned to **Hope Tree International GmbH**

2021286241 Cancer Research Technology Limited The application has been assigned to **Achilles Therapeutics UK Limited**

2021300616 Syncona Investment Management Limited; The University of Bristol; Purespring Therapeutics Limited The application has been assigned to **SYNCONA IP HOLDCO (3) LIMITED; The University of Bristol**

Assignments before Grant, Section 113

2021335378 MEDICAGO INC. The application has been assigned to **Aramis Biotechnologies Inc.**

2021376085 INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY The application has been assigned to **CNCure Biotech Inc.**

2021405127 FUJIFILM Corporation; PDRadiopharma Inc. The application has been assigned to **FUJIFILM Corporation; PDRadio-pharma Inc.; Advanced Accelerator Applications International SA; Novartis AG; Advanced Accelerator Applications (Italy) Srl**

2022

2022205449 COMMSCOPE TECHNOLOGIES LLC The application has been assigned to **Outdoor Wireless Networks LLC**

2022214075 INFINITY PHYSICS, LLC The application has been assigned to **Electric Mayhem, LLC**

2022215272 Romteck Australia Pty Ltd The application has been assigned to **Romteck Grid Pty Ltd**

2022268377 CommScope Technologies LLC The application has been assigned to **Outdoor Wireless Networks LLC**

2022349697 INTERGALACTIC THERAPEUTICS, INC. The application has been assigned to **Aldevron, LLC**

2022359191 KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY The application has been assigned to **Ingenium Therapeutics**

2023

2023222860 HITCH & GO PTY LTD The application has been assigned to **Austworld Commodities Pty Ltd**

2023251421 CommScope Technologies LLC The application has been assigned to **Outdoor Wireless Networks LLC**

2023282288 GABRIEL, KAY The application has been assigned to **CERAFILTEC Germany GmbH**

2023285883 Sharp, David Allen The application has been assigned to **Kadant Canada Corp**

2024

2024203016 Phaslo Global Pty Ltd The application has been assigned to **Phaslo Global Innovation Pty Ltd**

2024901448 University of Canterbury; Fee, Conan; Feast, Sean; Nazmi, Ali Reza The application has been assigned to **University of Canterbury**

2024901694 Phaslo Global Pty Ltd The application has been assigned to **Phaslo Global Innovation Pty Ltd**

2024901720 Surman, Peter; Shi, Zhen; Binnie, Fergus; Ritchie, Christopher; Long, Yuefeng; Douglas Pharmaceuticals Limited The application has been assigned to **Douglas Pharmaceuticals Limited**

Assignments before Grant, Section 113

2024901793 Phaslo Global Pty Ltd The application has been assigned to **Phaslo Global Innovation Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2011

2011352257 **Ross, O.** An application to extend the time from 27 Dec 2023 to 27 Jul 2024 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2018

2018371301 **Gray, I.** An application to extend the time from 23 Nov 2023 to 23 Jun 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018393020 **PEHRSSON, C.; Dynaflex Products** An application to extend the time from 19 Dec 2022 to 19 Mar 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019

2019341747 **Phaanix Pty Ltd** An application to extend the time from 20 Sep 2023 to 20 May 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021221455 **Vita Inclinata IP Holdings LLC** An application to extend the time from 23 Feb 2024 to 23 Jul 2024 in which to pay the acceptance fee has been filed . Address for service - GIRL FRIDAY IP PTY LTD PO Box 208 Northbridge WA 6865 AU

Applications Allowed - Section 223(2)

2014

2014390004 **NohBell Corporation** The time in which to pay a renewal fee has been extended to 09 Mar 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2018

2018101230 **Cirus, R.; Nyíri, A.; Cirus, N.** The time in which to pay a renewal fee has been extended to 24 Mar 2024 . Address for service - BRM Patent Attorneys Pty Ltd Clarence Chambers Level 11, 456 Lonsdale Street Melbourne VIC 3000 AU

2019

2019100546 **Titan Ag Pty Ltd** The time in which to pay a renewal fee has been extended to 22 Dec 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions of Time, Section 223

2020

2020202750 **Morris Industries Ltd.** The time in which to request examination has been extended to 30 May 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020271957 **Universitat Autònoma de Barcelona; Institut Recerca Hospital de La Santa Creu i Sant Pau; Consorci Centro de Investigación Biomédica en Red, M.P. (CIBER)** The time in which to request examination has been extended to 26 Jun 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021202327 **Gilead Pharmasset LLC** The time in which to request an Extension of Term - Pharmaceutical has been extended to 30 Jun 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022

2022298843 **ZHEJIANG NANOMAB TECHNOLOGY CENTER CO. LTD.** The time in which to enter the National Phase has been extended to 24 Apr 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Amendments

Applications for Amendment

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

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

2014

2014200312 Fastener Driver **Wamlez Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 May 2024 . Address for service - Raven IP PO Box 391 VARSITY LAKES QLD 4227 AU

2016

2016424981 Beta-caseins and gut microbiota **The a2 Milk Company Limited** The nature of the amendment is as shown in the statement(s) filed 07 May 2024 . Address for service - Catalyst Intellectual Property PO BOX Q1466 QUEEN VICTORIA BUILDING Sydney NSW 1230 AU

2018

2018235441 Large scale preparation of pseudo-trisaccharide aminoglycosides and of intermediates thereof **Eloxx Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement(s) filed 26 Jun 2024 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018275937 Composition for fatigue recovery and/or prevention of fatigue accumulation **Kirin Holdings Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 17 Jun 2024 .

Amendments

Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018368356 Device and liquid compositions for securing catheters having a rigid tapered tip **H.B. Fuller Medical Adhesives Technologies, LLC** The nature of the amendment is as shown in the statement(s) filed 21 Jun 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018396964 Antibodies and variants thereof against PD-L1 **Nanjing Legend Biotech Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2019

2019454310 Downhole network interface unit for monitoring and control **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jun 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019479051 Composition and method for the treatment of type I diabetes **Vector Vitale IP LLC** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020234299 Compositions and methods for promoting mineralization **The University of Melbourne** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021

2021262176 Clearance monitoring system of wind turbine set, and monitoring method and device **Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2024 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2022

2022263462 Heteroaryl-triazole and heteroaryl-tetrazole compounds as pesticides **Bayer Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2023

2023201607 Apparatuses, systems and methods for imaging micro-objects **Berkeley Lights, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023203519 Compositions and methods for detecting group B Streptococcus nucleic acid **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Amendments Made

Amendments

2018

2018333279 **Pilot Pastoral Co. Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 03 Feb 2024

2018366020 **Locus Robotics Corp.** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2024

2018369699 **Xtract360 Ltd** The nature of the amendment is: Application is to proceed under the number 2018102258

2019

2019298824 **Trojan Technologies Group ULC** The nature of the amendment is: Amend the name of the inventor to read SAFARZADEH-AMIRI, Ali; SCOTT, Zachary Bryan; WALTON, John Ray and Djukanovic, Vladimir

2020

2020264410 **LG ELECTRONICS INC.** The nature of the amendment is: Amend the priority details to read 10-2019-0175128 26 Dec 2019 KR and 10-2019-0175129 26 Dec 2019 KR

2021

2021269378 **Snap-on Incorporated** The nature of the amendment is: Application is to proceed under the number 2021107697

2021276736 **S3 Group Ltd.** The nature of the amendment is: Amend the name of the inventor to read SONNTAG, Bob; WOODS, Kent; BRAUN, James; MARQUES, Al and MARQUES, Adam

2021335596 **Curium US LLC** The nature of the amendment is: Amend the name of the inventor to read PIPES, David; RADFORD, Lauren; UHLAND, William; REGNA, Brian; BRUNKHORST, Craig and LOVELESS, Shaun

2021463728 **JUSTUS-LIEBIG-UNIVERSITÄT GIEBEN** The nature of the amendment is: Amend the invention title to read Inhaled Iloprost for rescue treatment and treatment as needed in pulmonary hypertension

2022

2022203726 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 03 Jul 2024

2022235614 **Apple Inc.** The nature of the amendment is as shown in the statement filed 12 Mar 2024

2022261862 **TISENTO THERAPEUTICS INC.** The nature of the amendment is as shown in the statement(s) filed 28 Jun 2024

2022275526 **Adobe Inc.** The nature of the amendment is: Amend the priority details to read 17/586,613 27 Jan 2022 US

2022283199 **ILLINOIS TOOL WORKS INC.** The nature of the amendment is: Amend the name of the inventor to read PONTINI, Matia; ALTARINO, Lorenzo and LUCON, Michele

2022305650 **COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH** The nature of the amendment is: Amend the name of

Amendments

the inventor to read CHAKRABORTY, Debojyoti; MAITI, Souvik and ACHARYA, Sundaram

2022383751 **FROSTPHARMA AB** The nature of the amendment is: Amend the invention title to read METHOD FOR PRODUCING A CLINICAL WASTE CONTAINER BY INJECTION MOULDING WITH A HEATED NOZZLE

2022387325 **POWERHOUSE WIND LIMITED** The nature of the amendment is: Amend the name of the inventor to read SHAW, Peter Forster; BUTLER, Richard George Arthur; MEPHAM, Timothy James and CURRIE, William Hugh

2022405474 **GLUETACS THERAPEUTICS (SHANGHAI) CO., LTD.** The nature of the amendment is: Amend the invention title to read E3 UBIQUITIN LIGASE LIGAND COMPOUND, PROTEIN DEGRADER DEVELOPED BASED THEREON AND THEIR APPLICATIONS

2022408170 **INTRAMOTEV INC.** The nature of the amendment is: Amend the name of the inventor to read LUCHINI, Timothy John Franklin; VASEL, Corey; PEIFFER, Alex and SOMMERLOT, Stephen

2022418199 **INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); UNIVERSITE COTE D'AZUR; BIPER THERAPEUTICS; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2024

2022420983 **ANAXIS PHARMA PTY LTD** The nature of the amendment is: Amend the name of the inventor to read BRZOZOWSKI, Martin; GARNIER, Jean-Marc Daniel; GARDNER, Christopher; LESSENE, Guillaume Laurent and KERSTEN, Wilhelmus Johannes Antonius

2022425221 **RUIJIE NETWORKS CO., LTD.** The nature of the amendment is: Amend the invention title to read WIRELESS RESOURCE SCHEDULING METHOD, APPARATUS, AND STORAGE MEDIUM

2022428543 **A. RAYMOND ET CIE** The nature of the amendment is: Amend the invention title to read Installation member

2022439111 **SERVICENOW, INC.** The nature of the amendment is: Amend the name of the inventor to read MODY, Yamit; NG, Hon-Sum Matthew; BIOSCA, Damia, Ferrer and GOLAB, Adam

2022466437 **SHENZHEN SINOHF TECHNOLOGY GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR RECOVERING HAFNIUM AND IMPURITY METALS FROM HAFNIUM-CONTAINING WASTE RESIDUE

2023

2023204208 **Canva Pty Ltd** The nature of the amendment is: Remove priority 2023900703

2023229665 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack and energy storage system including the same

Amendments

2023257277 **STRYKER CORPORATION** The nature of the amendment is: Amend the name of the inventor to read THOTA, Madhu Sandeep; PAUL, Anish and BHIMAVARAPU, Krishna, Sandeep

2023902140 **Walsh, A.** The nature of the amendment is: Application is to proceed under the number 2023387769

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

2008

2008341678 Palau Pharma, S. A. The name of the patentee has been altered to **Palau Pharma, S.L.U**

2009

2009204944 Horphag Research IP(MIR) Ltd; INDENA S.P.A. The name of the patentee has been altered to **INDENA S.P.A.; HORPHAG RESEARCH IP LTD**

2010

2010224340 Conair Corporation The name of the patentee has been altered to **Continental Family Holdings Corporation**

2010254064 Palau Pharma, S. A. The name of the patentee has been altered to **Palau Pharma, S.L.U**

2012

2012283745 XTEK LIMITED The name of the patentee has been altered to **HIGHCOM LIMITED**

2014

2014345593 Bayer CropScience Aktiengesellschaft The name of the patentee has been altered to **Elanco Animal Health GmbH**

2014345594 Bayer CropScience Aktiengesellschaft The name of the patentee has been altered to **Elanco Animal Health GmbH**

2016

2016256699 Conair Corporation The name of the patentee has been altered to **Continental Family Holdings Corporation**

2016357303 University of Georgia Research Foundation, Inc.; ArunA Bio, Inc. The name of the patentee has been altered to **University of Georgia Research Foundation, Inc.; Aruna Bio, Inc.**

2017

2017260232 TetraGenetics Inc. The name of the applicant has been altered to **AbCellera Boston, Inc.**

2018

2018219066 Adhezion Biomedical, LLC The name of the patentee has been altered to **H.B. Fuller Medical Adhesives Technologies, LLC**

2018219980 Conair Corporation The name of the patentee has been altered to **Continental Family Holdings Corporation**

Amendments

2018288455 Della Toffola S.p.A. The name of the applicant has been altered to **OMNIA DELLA TOFFOLA S.P.A.**

2018319504 Della Toffola S.p.A. The name of the patentee has been altered to **OMNIA DELLA TOFFOLA S.P.A.**

2018335555 CMed Aesthetics S.r.l. The name of the applicant has been altered to **CMED AESTHETICS S.p.A.**

2018368356 Adhezion Biomedical, LLC The name of the applicant has been altered to **H.B. Fuller Medical Adhesives Technologies, LLC**

2018387477 Xtek Ltd The name of the applicant has been altered to **HIGHCOM LIMITED**

2019

2019324739 Moharram Venturas Inc. The name of the applicant has been altered to **Moharram Ventures Inc.**

2020

2020207832 Conair Corporation The name of the patentee has been altered to **Continental Family Holdings Corporation**

2020251067 Picomole Inc. The name of the applicant has been altered to **BREATHE BIOMEDICAL INC.**

2020251718 Picomole Inc. The name of the applicant has been altered to **BREATHE BIOMEDICAL INC.**

2020252975 Picomole Inc. The name of the applicant has been altered to **BREATHE BIOMEDICAL INC.**

2020254714 Picomole Inc. The name of the applicant has been altered to **BREATHE BIOMEDICAL INC.**

2020307978 De Nora Water Technologies, LLC The name of the applicant has been altered to **De Nora Marine Technologies, LLC**

2021

2021319376 Picomole Inc. The name of the applicant has been altered to **Breathe BioMedical Inc.**

2022

2022354260 IONIS PHARMACEUTICALS, INC.; BICYCLE TX LIMITED The name of the applicant has been altered to **IONIS PHARMACEUTICALS, INC.; BicycleTx Limited**

2022413942 WILLIAM ROBERT ARATHOON LIVING TRUST The name of the applicant has been altered to **WILLIAM ROBERT ARATHOON LIVING TRUST DATED AUGUST 29, 2016**

2022416870 SOSEI GROUP CORPORATION The name of the applicant has been altered to **Nxera Pharma Co., Ltd.**

2023

2023206086 React4life Sr The name of the applicant has been altered to **REACT4LIFE Società per Azioni**

Amendments

2023212924 NATURAL TRACE PTE. LTD.; Lukas A. MUELLER;
Chantal ROTH The name of the applicant has been altered to **NAT-
URAL TRACE PTE. LTD.**

2023902369 Living Cell Technologies Limited The name of the ap-
plicant has been altered to **Algorae Pharmaceuticals Ltd**

2024

2024201872 Recipharm Laboratories, Inc. The name of the applic-
ant has been altered to **Bespak Laboratories Inc.**

2024203926 Beams Enterprise The name of the applicant has been
altered to **Beams**

2024902024 Rambhatla Enterprises Pty Ltd; Integrated IP The
name of the applicant has been altered to **Rambhatla Enterprises Pty
Ltd**

2024902027 Parklink Limited; Senior, Regan; Senior, Nathan The
name of the applicant has been altered to **Parklink Limited; Senior,
R.; Robertson, N.**

Applications Open to Public Inspection

Name Index

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

| | | |
|---|--|--|
| <p>(71) 4WEB, INC. (11) AU-A-2024204010 (21) 2024204010 (22) 13.06.2024 (54) Implants having bone growth promoting agents contained within biodegradable materials (51) Int. Cl. A61F 2/44 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61L 27/18 (2006.01) A61L 27/46 (2006.01) A61L 27/48 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01) B22F 3/11 (2006.01) B22F 10/28 (2021.01) B29C 70/02 (2006.01) B33Y 80/00 (2015.01) C22C 1/08 (2006.01) B29L 31/00 (2006.01) (43) 18.07.2024 (62) 2023200653 (72) HUNT, Jesse (74) Griffith Hack</p> | <p>(71) Ad Fontes Media, Inc. (11) AU-A-2024204567 (21) 2024204567 (22) 01.07.2024 (54) DISPLAY AND ANALYSIS SYSTEM FOR MEDIA CONTENT (51) Int. Cl. G06F 16/26 (2019.01) G06F 16/904 (2019.01) G06F 16/908 (2019.01) (43) 18.07.2024 (62) 2018375421 (72) OTERO, Vanessa L. (74) Halfords IP</p> | <p>(43) 18.07.2024 (62) 2018360480 (72) Green, George (74) PHILLIPS ORMONDE FITZPATRICK</p> |
| <p>(71) Abbott Diabetes Care Inc. (11) AU-A-2024204622 (21) 2024204622 (22) 03.07.2024 (54) Stabilized lactate responsive enzymes, electrodes and sensors, and methods for making and using the same (51) Int. Cl. C12Q 1/30 (2006.01) A61B 5/1486 (2006.01) C12N 9/02 (2006.01) C12Q 1/25 (2006.01) (43) 18.07.2024 (62) 2022201057 (72) OUYANG, Tianmei; FELDMAN, Benjamin J.; CHEN, Kuan-Chou (74) FPA Patent Attorneys Pty Ltd</p> | <p>(71) ADVANCED LITHIUM ELECTRO-CHEMISTRY CO., LTD. (11) AU-A-2023219817 (21) 2023219817 (22) 21.08.2023 (54) METHOD FOR QUALITY EXAMINATION OF CATHODE MATERIALS FOR LITHIUM-ION BATTERIES (51) Int. Cl. H01M 10/052 (2010.01) H01M 4/134 (2010.01) (31) 111150608 (32) 29.12.22 (33) TW (43) 18.07.2024 (72) Liao, Yung-Tsung; Cheng, Yu-Chun; Kuo, Chi-Huang (74) ALDRICH PROJECTS PTY LTD</p> | <p>(71) Alcon Inc. (11) AU-A-2024204618 (21) 2024204618 (22) 03.07.2024 (54) OPHTHALMIC LENS HAVING MORPHED SINUSOIDAL PHASE SHIFT STRUCTURES (51) Int. Cl. G02C 7/04 (2006.01) A61F 2/16 (2006.01) (43) 18.07.2024 (62) 2018306502 (72) Maxwell, William Andrew; Hong, Xin; Wei, Xin (74) PHILLIPS ORMONDE FITZPATRICK</p> |
| <p>(71) Aché Laboratórios Farmacêuticos S.A (11) AU-A-2024204318 (21) 2024204318 (22) 24.06.2024 (54) Treatment of Post-Traumatic Syndrome Disorder (51) Int. Cl. A61K 31/517 (2006.01) A61P 25/00 (2006.01) C07D 403/04 (2006.01) (43) 18.07.2024 (62) 2018384087 (72) MASCARELLO, Alessandra; GUIMARÃES, Cristiano Ruch Werneck; AZEVEDO, Hatylas Felype Zaneti de; JUNIOR, Marcos Antonio Ferreira (74) PIPERS</p> | <p>(71) Air Products and Chemicals, Inc. (11) AU-A-2024204422 (21) 2024204422 (22) 27.06.2024 (54) INTEGRATED NITROGEN REJECTION FOR LIQUEFACTION OF NATURAL GAS (51) Int. Cl. F25J 3/02 (2006.01) (43) 18.07.2024 (62) 2022221579 (72) Ott, Christopher Michael; Roberts, Mark Julian; Ott Weist, Annemarie (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd</p> | <p>(71) Alpine Immune Sciences, Inc. (11) AU-A-2024204559 (21) 2024204559 (22) 01.07.2024 (54) Multi-domain immunomodulatory proteins and methods of use thereof (51) Int. Cl. C07K 14/705 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) (43) 18.07.2024 (62) 2019205273 (72) SWANSON, Ryan (74) Spruson & Ferguson</p> |
| <p>(71) Alcon Inc. (11) AU-A-2024204480 (21) 2024204480 (22) 28.06.2024 (54) INTRAOCULAR LENSES AND PERIPHERAL PORTION STABILIZATION (51) Int. Cl. A61F 2/14 (2006.01) A61F 2/16 (2006.01) G02B 1/06 (2006.01) G02B 3/04 (2006.01) G02B 3/06 (2006.01) G02B 3/12 (2006.01) G02C 7/04 (2006.01)</p> | <p>(71) Amgen Inc. (11) AU-A-2024204411 (21) 2024204411 (22) 27.06.2024 (54) Systems and methods for remotely processing data collected by a drug delivery device (51) Int. Cl. G16C 20/90 (2019.01)</p> | <p>(71) Amarin Pharmaceuticals Ireland Limited (11) AU-A-2024204576 (21) 2024204576 (22) 02.07.2024 (54) STABLE PHARMACEUTICAL COMPOSITION AND METHODS OF USING SAME (51) Int. Cl. A01N 37/00 (2006.01) A61K 31/20 (2006.01) (43) 18.07.2024 (62) 2022200321 (72) Mehar, Manku (74) AJ PARK</p> |

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(43) 18.07.2024
 (62) 2022256116
 (72) TAMTORO, Ferry; YANG, Huaying; LEE, Mark Ka Lai; YIN, Desheng; GIBSON, Scott R.; BUSBY, Donald; SHULTZ, Peter V.; KOGLER, Keith P.; TAHA, Basel Hasan; WARD, Jimmie L.; FOLK, Christopher R.; MCCULLOUGH, Adam B.; BADEL, Steven William
 (74) Spruson & Ferguson

(71) Amgen Inc.
 (11) AU-A-2024204611
 (21) 2024204611 (22) 03.07.2024
 (54) Graphical user interface for personalized prediction modeling
 (51) Int. Cl.
 G16H 50/50 (2018.01)
 G16H 20/10 (2018.01)
 (43) 18.07.2024
 (62) 2018313712
 (72) BALABAN, David J.; BROWN Jr., Allen L.; GNACADJA, Gilles; TOUPIKOV, Mikhail; DURST, Mark J.; LEWIS-SANDY, Darrell L.
 (74) Spruson & Ferguson

(71) ANDREEV, P.
 (11) AU-A-2023210609
 (21) 2023210609 (22) 03.08.2023
 (54) AIRCRAFT APPARATUS (VARIANTS), SELF-PROPELLED MODULE, PAYLOAD, SYSTEM AND METHOD FOR MOVING PAYLOAD (VARIANTS)
 (51) Int. Cl.
 B64C 39/02 (2023.01)
 B64C 27/20 (2023.01)
 B64C 37/02 (2006.01)
 B64U 10/13 (2023.01)
 B64U 30/20 (2023.01)
 B64U 50/19 (2023.01)
 G05D 1/46 (2024.01)
 (31) RU2022135036 (32) 28.12.22 (33) RU
 (43) 18.07.2024
 (72) ANDREEV, Pavel
 (74) James & Wells Intellectual Property

(71) Angel Group Co., Ltd.
 (11) AU-A-2024204552
 (21) 2024204552 (22) 01.07.2024
 (54) FRAUD DETECTION SYSTEM IN CASINO
 (51) Int. Cl.
 G07C 11/00 (2006.01)
 A47B 25/00 (2006.01)
 G06T 7/00 (2017.01)
 (43) 18.07.2024
 (62) 2022204754
 (72) Shigeta, Yasushi
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2024204583
 (21) 2024204583 (22) 02.07.2024
 (54) CARD GAME MATCHUP SYSTEM
 (51) Int. Cl.

A63F 13/843 (2014.01)
G07F 17/32 (2006.01)
 (43) 18.07.2024
 (62) 2022204894
 (72) Shigeta, Yasushi
 (74) RnB IP Pty Ltd

(71) Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd
 (11) AU-A-2023286025
 (21) 2023286025 (22) 28.12.2023
 (54) Bioheap leach
 (51) Int. Cl.
 C22B 3/18 (2006.01)
 C22B 1/00 (2006.01)
 C22B 3/04 (2006.01)
 C22B 11/00 (2006.01)
 C22B 15/00 (2006.01)
 C22B 23/00 (2006.01)
 (31) 63/436,161 (32) 30.12.22 (33) US
 (43) 18.07.2024
 (72) FILMER, Anthony Owen; BILEY, Christopher Alan; VARTY, Ryan Neil
 (74) FB Rice Pty Ltd

Anglo Corporate Services South Africa (Pty) Ltd see Anglo American Technical & Sustainability Services Ltd
 (21) 2023286025

(71) Apnea Sciences Corporation
 (11) AU-A-2023278081
 (21) 2023278081 (22) 07.12.2023
 (54) Multi-directional jaw displacement oral appliance
 (51) Int. Cl.
 A61F 5/56 (2006.01)
 (31) 18/091,980 (32) 30.12.22 (33) US
 (43) 18.07.2024
 (72) Fallon, John M.
 (74) Griffith Hack

(71) Apple Inc.
 (11) AU-A-2024204396
 (21) 2024204396 (22) 26.06.2024
 (54) Handwriting entry on an electronic device
 (51) Int. Cl.
 G06F 3/0488 (2022.01)
 (43) 18.07.2024
 (62) 2023204314
 (72) MISSIG, Julian; STAUBER, Matan; ARDAUD, Guillaume; BERNSTEIN, Jeffrey Traer; LU, Marisa Rei; LI, Jiabao; SHARMA, Praveen; SOLI, Christopher D.; LEMAY, Stephen O.; PRESTON, Daniel Trent; BLEKKEN, Peder
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024204397
 (21) 2024204397 (22) 26.06.2024
 (54) Handwriting entry on an electronic device
 (51) Int. Cl.

G06F 3/0488 (2022.01)
 (43) 18.07.2024
 (62) 2023204314
 (72) MISSIG, Julian; STAUBER, Matan; ARDAUD, Guillaume; BERNSTEIN, Jeffrey Traer; LU, Marisa Rei; LI, Jiabao; SHARMA, Praveen; SOLI, Christopher D.; LEMAY, Stephen O.; PRESTON, Daniel Trent; BLEKKEN, Peder
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024204400
 (21) 2024204400 (22) 26.06.2024
 (54) Handwriting entry on an electronic device
 (51) Int. Cl.
 G06F 3/0488 (2022.01)
 (43) 18.07.2024
 (62) 2023204314
 (72) MISSIG, Julian; STAUBER, Matan; ARDAUD, Guillaume; BERNSTEIN, Jeffrey Traer; LU, Marisa Rei; LI, Jiabao; SHARMA, Praveen; SOLI, Christopher D.; LEMAY, Stephen O.; PRESTON, Daniel Trent; BLEKKEN, Peder
 (74) FPA Patent Attorneys Pty Ltd

(71) AqueSys, Inc.
 (11) AU-A-2024204446
 (21) 2024204446 (22) 27.06.2024
 (54) Intraocular shunt inserter
 (51) Int. Cl.
 A61F 9/00 (2006.01)
 A61F 9/007 (2006.01)
 A61M 5/158 (2006.01)
 A61M 5/315 (2006.01)
 A61M 5/32 (2006.01)
 (43) 18.07.2024
 (62) 2022202940
 (72) ROMODA, Laszlo O.; HORVATH, Christopher
 (74) Davies Collison Cave Pty Ltd

(71) Aragon Pharmaceuticals, Inc.
 (11) AU-A-2024204555
 (21) 2024204555 (22) 01.07.2024
 (54) Anti-androgens for the treatment of non-metastatic castrate-resistant prostate cancer
 (51) Int. Cl.
 A61K 31/00 (2006.01)
 A61K 31/4166 (2006.01)
 A61K 31/4439 (2006.01)
 A61P 35/00 (2006.01)
 (43) 18.07.2024
 (62) 2020244431
 (72) CHEN, Isan
 (74) Spruson & Ferguson

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2023266331
 (21) 2023266331 (22) 16.11.2023
 (54) SYSTEMS AND METHODS FOR OVERLAYING GAME INFORMATION
 (51) Int. Cl.
 A63F 13/77 (2014.01)

Applications Open to Public Inspection - Name Index cont'd

A63F 9/24 (2006.01)
A63F 13/35 (2014.01)
G07F 17/32 (2006.01)
(31) 18/316,822 **(32)** 12.05.23 **(33)** US
 63/436,336 30.12.22 US
(43) 18.07.2024
(72) Stephen MEYER; Christopher TIS-
 DALE; Cheston WILLIAMS
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204383
(21) 2024204383 **(22)** 26.06.2024
(54) KENO GAME WITH BONUS BALL
 DRAW AND BONUS MULTIPLIER
(51) Int. Cl.
A63F 3/06 (2006.01)
(43) 18.07.2024
(62) 2019272049
(72) LUDWICK, John Victor
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204384
(21) 2024204384 **(22)** 26.06.2024
(54) A GAMING DEVICE WITH PRIZE
 CHANCE CONFIGURABLE SYMBOL
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 18.07.2024
(62) 2022235570
(72) Olive, Scott; Deitz, Matthew
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204492
(21) 2024204492 **(22)** 28.06.2024
(54) A GAMING MACHINE AND A METH-
 OD OF OPERATING A GAMING MA-
 CHINE
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
A63F 13/00 (2014.01)
(43) 18.07.2024
(62) 2018222966
(72) BRYANT, Natalie; CRISPINO, Oliver
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204539
(21) 2024204539 **(22)** 30.06.2024
(54) A SYSTEM AND METHOD FOR
 PROVIDING A FEATURE GAME
(51) Int. Cl.
A63F 13/55 (2014.01)
A63F 13/45 (2014.01)
(43) 18.07.2024
(62) 2022204927
(72) OLIVE, SCOTT CHRISTOPHER
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204540
(21) 2024204540 **(22)** 30.06.2024
(54) A METHOD OF ENABLING RESTORA-
 TION OF GAMES AND A METHOD OF
 RESTORING GAMES
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 18.07.2024
(62) 2022203282
(72) BOESEN, John Leslie; CHIM, Chi We
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204541
(21) 2024204541 **(22)** 30.06.2024
(54) A METHOD OF GAMING, A GAMING
 SYSTEM AND A GAME CONTROL-
 LER
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 18.07.2024
(62) 2022204684
(72) FONG, Colin; CHAN, Matthew
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204542
(21) 2024204542 **(22)** 30.06.2024
(54) A METHOD OF OPERATING A GAM-
 ING SYSTEM, AN ELECTRONIC GAM-
 ING SYSTEM AND AN ELECTRONIC
 GAME CONTROLLER
(51) Int. Cl.
A63F 13/00 (2014.01)
A63F 9/24 (2006.01)
G07F 17/32 (2006.01)
(43) 18.07.2024
(62) 2022203442
(72) SANDERS, Liam; CHAN, Matthew
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204543
(21) 2024204543 **(22)** 30.06.2024
(54) METHOD AND SYSTEM OF DISTRIB-
 UTING PROGRESSIVE GAMING RE-
 LATED INFORMATION
(51) Int. Cl.
G06F 19/00 (2018.01)
(43) 18.07.2024
(62) 2022203411
(72) KAMMLER, Keith
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204619
(21) 2024204619 **(22)** 03.07.2024
(54) A GAMING SYSTEM AND METHOD
 OF GAMING
(51) Int. Cl.
A63F 13/10 (2006.01)

(43) 18.07.2024
(62) 2022202910
(72) VISSER, ANTOON
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2024204624
(21) 2024204624 **(22)** 03.07.2024
(54) A METHOD OF GAMING, A GAMING
 SYSTEM AND A GAME CONTROL-
 LER
(51) Int. Cl.
A63F 13/45 (2014.01)
(43) 18.07.2024
(62) 2022203052
(72) PLOWMAN, GREGORY LEIGH
(74) Griffith Hack

(71) Astraea Therapeutics, LLC
(11) AU-A-2024204437
(21) 2024204437 **(22)** 27.06.2024
(54) PIPERIDINYL NOCICEPTIN RECEPT-
 OR COMPOUNDS
(51) Int. Cl.
C07D 401/04 (2006.01)
A01N 43/42 (2006.01)
A61K 31/44 (2006.01)
(43) 18.07.2024
(62) 2022202862
(72) Zaveri, Nurulain T.; Meyer, Michael;
 Journigan, V. Blair; Yasuda, Dennis
(74) Davies Collison Cave Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNO-
 LOGY, INC.
(11) AU-A-2024204592
(21) 2024204592 **(22)** 03.07.2024
(54) Image encoding/decoding method and
 device
(51) Int. Cl.
H04N 19/105 (2014.01)
H04N 19/117 (2014.01)
H04N 19/124 (2014.01)
H04N 19/172 (2014.01)
H04N 19/176 (2014.01)
H04N 19/186 (2014.01)
H04N 19/51 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
(43) 18.07.2024
(62) 2022228201
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) Baxter Healthcare SA; Baxter Interna-
 tional Inc.
(11) AU-A-2024204512
(21) 2024204512 **(22)** 28.06.2024
(54) PARENTERAL NUTRITION DIA-
 GNOSTIC SYSTEM, APPARATUS,
 AND METHOD
(51) Int. Cl.
G16H 30/40 (2018.01)
G16H 20/60 (2018.01)

Applications Open to Public Inspection - Name Index cont'd

- (43) 18.07.2024
(62) 2018264882
(72) Lipschultz, Stephen A.; Parsad, Nigel M.; Silverstein, Jonathan
(74) K&L Gates
-
- Baxter International Inc. see Baxter Health-care SA**
(21) 2024204512
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- (71) Bayer HealthCare LLC
(11) AU-A-2024204490
(21) 2024204490 (22) 28.06.2024
(54) Fluid path impedance assessment for improving fluid delivery performance
(51) Int. Cl.
G16H 40/63 (2018.01)
A61M 5/168 (2006.01)
G16H 20/17 (2018.01)
A61B 6/00 (2006.01)
A61M 5/20 (2006.01)
(43) 18.07.2024
(62) 2018323442
(72) UBER III, Arthur; MARSH, Chelsea; BARONE, William; MCDERMOTT, Michael; NEWING, Timothy; SPOHN, Michael; DELBRUGGE, Vince; SCHRIVER, Ralph; COWAN, Kevin; TUCKER, Barry; HELLER, Ronald; GRIFFITHS, David; SCHRAUDER, Matthew
(74) Davies Collison Cave Pty Ltd
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- (71) BEIJING DAJIA INTERNET INFORMATION TECHNOLOGY CO., LTD.
(11) AU-A-2024204610
(21) 2024204610 (22) 03.07.2024
(54) A METHOD FOR VIDEO CODING
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/117 (2014.01)
H04N 19/119 (2014.01)
H04N 19/176 (2014.01)
(43) 18.07.2024
(62) 2022204998
(72) JHU, Hong-Jheng; XIU, Xiaoyu; CHEN, Yi-Wen; CHEN, Wei; KUO, Che-Wei; WANG, Xianglin; YU, Bing
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71) Beijing Roborock Technology Co., Ltd.
(11) AU-A-2024204451
(21) 2024204451 (22) 27.06.2024
(54) Cleaning assembly and smart cleaning device
(51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/40 (2006.01)
(43) 18.07.2024
(62) 2020341965
(72) LIU, Xiaoming; GU, Erdong
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2023285822
(21) 2023285822 (22) 20.12.2023
(54) Method, electronic device, and storage media for task scheduling
(51) Int. Cl.
G06F 9/48 (2006.01)
(31) 202211710904.4 (32) 29.12.22 (33) CN
(43) 18.07.2024
(72) YUN, Xuan; TANG, Mingxu; BAI, Jiwen; LI, Yunshan
(74) FB Rice Pty Ltd
-
- Berend, K.R. see Midwest Training and Development Services, LLC**
(21) 2024204481
-
- (71) Berlin-Chemie AG
(11) AU-A-2024204404
(21) 2024204404 (22) 26.06.2024
(54) Pharmaceutical combinations comprising an anti-LY75 antibody
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/505 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/46 (2006.01)
(43) 18.07.2024
(62) 2018232886
(72) Binaschi, Monica; Bigioni, Mario; Merlino, Giuseppe; Simonelli, Cecilia; Bertoni, Francesco; Pellacani, Andrea
(74) Griffith Hack
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- (71) Berlin Cures GmbH
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C12N 15/115 (2010.01)
A61K 31/713 (2006.01)
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(11) AU-A-2024204438
(21) 2024204438 (22) 27.06.2024
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(51) Int. Cl.
G06Q 40/00 (2023.01)
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(72) Harper, Kellie D.
(74) Davies Collison Cave Pty Ltd
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- (71) Blackhawk Network, Inc.
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(21) 2024204497 (22) 28.06.2024
(54) Open payment network
(51) Int. Cl.
G06Q 20/36 (2012.01)
G06Q 20/12 (2012.01)
(43) 18.07.2024
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(21) 2024204500 (22) 28.06.2024
(54) Open payment network
(51) Int. Cl.
G06Q 20/36 (2012.01)
G06Q 20/12 (2012.01)
(43) 18.07.2024
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(74) Davies Collison Cave Pty Ltd
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(21) 2024204585 (22) 02.07.2024
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(51) Int. Cl.
C08G 65/336 (2006.01)
C09K 3/00 (2006.01)
C09K 3/18 (2006.01)
(43) 18.07.2024
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(51) Int. Cl.
E04B 1/61 (2006.01)
E04B 1/48 (2006.01)
E04B 2/08 (2006.01)
E04F 13/076 (2006.01)
E04F 19/06 (2006.01)
(43) 18.07.2024
(62) 2023201462
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(74) IP SOLVED (ANZ) PTY. LTD.
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B60N 2/26 (2006.01)
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 (21) 2023285903 (22) 21.12.2023
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 G06Q 10/0631 (2023.01)
 G06Q 10/04 (2023.01)
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 (54) Agent engagement analyzer
 (51) Int. Cl.
 G06Q 10/0633 (2023.01)
 G06F 16/20 (2019.01)
 G06N 3/02 (2006.01)
 G06N 5/02 (2023.01)
 G06N 20/00 (2019.01)
 G06Q 10/1093 (2023.01)
 G06Q 30/01 (2023.01)
 G06Q 50/10 (2012.01)
 (31) 18/147,754 (32) 29.12.22 (33) US
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 C04B 22/06 (2006.01)
 B01F 3/12 (2006.01)
 C02F 1/66 (2023.01)
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 C12N 15/54 (2006.01)
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 G07C 13/00 (2006.01)
 G06Q 50/26 (2012.01)
 H04L 9/08 (2006.01)
 (43) 18.07.2024
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 A63F 9/00 (2006.01)
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 (72) Miller, Kenneth L.; Lipka, Craig
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2024204435 (22) 27.06.2024
 (54) COLLUSION DETECTION
 (51) Int. Cl.
 A63F 1/00 (2006.01)
 (43) 18.07.2024
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 B60W 60/00 (2020.01)
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 H01Q 3/06 (2006.01)
 H04B 17/12 (2015.01)
 H04W 16/00 (2009.01)
 H04W 16/24 (2009.01)
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 (74) RnB IP Pty Ltd
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 G06F 16/29 (2019.01)
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 G06F 40/30 (2020.01)
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 (51) Int. Cl.
B01D 53/14 (2006.01)
C07C 7/11 (2006.01)
C10L 3/10 (2006.01)
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 (11) AU-A-2024204623
 (21) 2024204623 (22) 03.07.2024
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 LOHEXYL GLUCOCORTICOID RE-
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 (51) Int. Cl.
C07D 239/54 (2006.01)
A61K 31/513 (2006.01)
A61P 1/16 (2006.01)
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 (54) APPARATUS FOR STORING ORGAN-
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 (51) Int. Cl.
A22B 5/00 (2006.01)
A22B 7/00 (2006.01)
 (43) 18.07.2024
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 (72) Staughton, Simon
 (74) mdp Patent and Trade Mark Attorneys

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 (54) APPARATUS FOR STORING ORGAN-
 IC MATERIAL
 (51) Int. Cl.
A22B 5/00 (2006.01)
A22B 7/00 (2006.01)
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 (74) mdp Patent and Trade Mark Attorneys

(71) Coulter Ventures, LLC
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 (21) 2024204612 (22) 03.07.2024
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A63B 21/065 (2006.01)
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 (74) Griffith Hack

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G01P 3/487 (2006.01)
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 HINDERS, John H.
 (74) BOSH IP Pty Ltd

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 (54) Systems and methods for vehicle posi-
 tion calibration using rack leg identifica-
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G05D 1/02 (2020.01)
B65G 1/00 (2006.01)
 (43) 18.07.2024
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 In
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 ichi Sankyo Europe GmbH
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 (21) 2024204502 (22) 28.06.2024
 (54) ANTI-HER3 ANTIBODY-DRUG CON-
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A61K 47/64 (2017.01)
A61K 47/68 (2017.01)
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 (21) 2024204502

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 (54) LINE FOR PRODUCING METAL PRO-
 FILES FOR PLASTERBOARD FALSE
 CEILINGS
 (51) Int. Cl.
B21D 5/14 (2006.01)
B21D 43/09 (2006.01)
B21D 43/28 (2006.01)
B21D 47/00 (2006.01)
 (31) 102022000027027 (32) 28.12.22 (33) IT
 (43) 18.07.2024
 (72) Dallan, Andrea
 (74) Murray Trento & Associates Pty Ltd

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 FILES FOR PLASTERBOARD FALSE
 CEILINGS
 (51) Int. Cl.
B21D 5/14 (2006.01)
B21D 28/24 (2006.01)
B21D 35/00 (2006.01)
B21D 43/09 (2006.01)
B21D 43/28 (2006.01)
B21D 47/00 (2006.01)
 (31) 102022000027015 (32) 28.12.22 (33) IT
 (43) 18.07.2024
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 (74) Murray Trento & Associates Pty Ltd

(71) DALLAN S.P.A
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 (21) 2023285994 (22) 22.12.2023
 (54) LINE FOR PRODUCING METAL PRO-
 FILES FOR PLASTERBOARD FALSE
 CEILINGS
 (51) Int. Cl.
B21D 5/14 (2006.01)
B21D 28/24 (2006.01)
B21D 35/00 (2006.01)
B21D 43/12 (2006.01)
B21D 43/28 (2006.01)
 (31) 102022000027021 (32) 28.12.22 (33) IT
 (43) 18.07.2024
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(71) DEB IP LIMITED
 (11) AU-A-2024204442
 (21) 2024204442 (22) 27.06.2024
 (54) Dispenser assembly
 (51) Int. Cl.
A47K 5/12 (2006.01)
E05B 1/00 (2006.01)
E05B 63/00 (2006.01)
A47K 10/32 (2006.01)
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 (72) LANG, Christopher James
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 (54) Dispenser assembly

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A47K 5/12 (2006.01)
E05B 1/00 (2006.01)
E05B 63/00 (2006.01)
A47K 10/32 (2006.01)
(43) 18.07.2024
(62) 2022360148
(72) LANG, Christopher James
(74) GLMR
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- (71) Deere & Company
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(21) 2023241357 **(22)** 06.10.2023
(54) Seeding row unit pairs for improved ground following and narrower row spacing
(51) Int. Cl.
A01C 7/20 (2006.01)
(31) 18/150009 **(32)** 04.01.23 **(33)** US
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(74) Davies Collison Cave Pty Ltd
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(21) 2023274163 **(22)** 30.11.2023
(54) Air conveyance quick connect fitting
(51) Int. Cl.
A01C 7/20 (2006.01)
(31) 18/093117 **(32)** 04.01.23 **(33)** US
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(11) AU-A-2024204621
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(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5365 (2006.01)
A61K 31/5377 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 487/04 (2006.01)
C07D 491/20 (2006.01)
C07D 498/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2024204476
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(54) Systems and methods for inter-app communications
(51) Int. Cl.
G06F 9/54 (2006.01)
A61B 5/145 (2006.01)
A61B 5/15 (2006.01)
A61B 5/157 (2006.01)
G06F 21/00 (2013.01)
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(74) FB Rice Pty Ltd
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(54) Locking system for a wheel hub
(51) Int. Cl.
F16B 43/00 (2006.01)
B60B 27/02 (2006.01)
F16B 39/00 (2006.01)
(31) 18/147,431 **(32)** 28.12.22 **(33)** US
(43) 18.07.2024
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(11) AU-A-2024204426
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(54) Audio Upmixer Operable in Prediction or Non-Prediction Mode
(51) Int. Cl.
G10L 19/00 (2013.01)
G10L 19/008 (2013.01)
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(72) Carlsson, Pontus; Purnhagen, Heiko; Villemoes, Lars
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(54) Cross Product Enhanced Subband Block Based Harmonic Transposition
(51) Int. Cl.
G10L 21/02 (2013.01)
G10L 21/038 (2013.01)
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(43) 18.07.2024
(62) 2023201183
(72) Villemoes, Lars
(74) Chrysiliou IP
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- (71) Dolby International AB
(11) AU-A-2024204440
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(54) Pitch Filter for Audio Signals and Method for Filtering an Audio Signal with a Pitch Filter
(51) Int. Cl.
G10L 19/02 (2013.01)
G10L 19/26 (2013.01)
G10L 19/107 (2013.01)
G10L 19/20 (2013.01)
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(62) 2024200330
(72) RESCH, Barbara; KJORLING, Kristofer; VILLEMOTES, Lars
(74) Chrysiliou IP
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(21) 2024204455 **(22)** 27.06.2024
(54) Improved Harmonic Transposition
(51) Int. Cl.
G10L 19/02 (2013.01)
G10L 19/022 (2013.01)
G10L 21/02 (2013.01)
G10L 21/038 (2013.01)
G10L 21/04 (2013.01)
(43) 18.07.2024
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(72) Ekstrand, Per; Villemoes, Lars Falck
(74) Chrysiliou IP
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(11) AU-A-2024204596
(21) 2024204596 **(22)** 03.07.2024
(54) A BUILDING FLASHING
(51) Int. Cl.
E04B 1/66 (2006.01)
E02D 19/00 (2006.01)
E02D 31/02 (2006.01)
E04C 2/20 (2006.01)
E04C 2/32 (2006.01)
E04D 13/04 (2006.01)
E04F 19/00 (2006.01)
(43) 18.07.2024
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(72) Hopley, Simon Paul Jeremy; Tozer, Chad Joel
(74) ET Intellectual Property
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(11) AU-A-2023282239
(21) 2023282239 **(22)** 13.12.2023
(54) Authenticating blockchain addresses
(51) Int. Cl.
H04L 9/32 (2006.01)
H04L 9/08 (2006.01)
H04L 9/30 (2006.01)
(31) 18/148771 **(32)** 30.12.22 **(33)** US

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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2023282241 (22) 13.12.2023
 (54) Artificial intelligence content generation control using non-fungible tokens
 (51) Int. Cl.
G06Q 20/40 (2012.01)
G06N 3/0475 (2023.01)
H04L 9/32 (2006.01)
 (31) 18/091733 (32) 30.12.22 (33) US
 (43) 18.07.2024
 (72) Alva, Shobith Srinivas; Chalkley, Andrew; Rubinson, Ethan Benjamin
 (74) FPA Patent Attorneys Pty Ltd

(71) Ecolab USA Inc.
 (11) AU-A-2024204398
 (21) 2024204398 (22) 26.06.2024
 (54) Selective detection of bed bugs
 (51) Int. Cl.
A01M 1/02 (2006.01)
A01M 1/00 (2006.01)
A01M 1/10 (2006.01)
A01M 1/20 (2006.01)
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 (51) Int. Cl.
A61M 5/31 (2006.01)
A61F 2/24 (2006.01)
A61M 5/315 (2006.01)
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B60L 15/42 (2006.01)
B60D 1/62 (2006.01)
B60K 1/00 (2006.01)
B60K 7/00 (2006.01)
B60L 7/10 (2006.01)

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 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
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A61J 1/20 (2006.01)
A61M 5/178 (2006.01)
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 (54) DEVICE AND METHOD FOR HANDLING CROSS ARMS
 (51) Int. Cl.
E04H 12/24 (2006.01)
B25B 5/00 (2006.01)
B66F 11/04 (2006.01)
B66F 17/00 (2006.01)
E04H 12/34 (2006.01)
H02G 1/00 (2006.01)
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E21B 33/047 (2006.01)
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G01S 17/89 (2020.01)
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B02C 17/22 (2006.01)
B02C 17/18 (2006.01)
B02C 17/24 (2006.01)
B65G 53/40 (2006.01)
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 (51) Int. Cl.
F03D 13/25 (2016.01)
B63B 1/10 (2006.01)
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 (51) Int. Cl.
E04G 23/02 (2006.01)
F16B 13/04 (2006.01)
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G06V 10/40 (2022.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 8/65 (2006.01)
A61K 38/39 (2006.01)
A61K 47/34 (2017.01)
A61P 17/00 (2006.01)
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C01B 3/04 (2006.01)
C01B 21/26 (2006.01)
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(54) LATERAL TUBING SUPPORT OF A MULTI-LATERAL JUNCTION ASSEMBLY
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E21B 41/00 (2006.01)
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(54) WOODEN LONG PRODUCT SORTING DEVICE
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B65G 47/74 (2006.01)
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(31) 10 2023 100 029.2 (32) 02.01.23 (33) DE

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(51) Int. Cl.
C07D 405/14 (2006.01)
C07H 19/16 (2006.01)
C12P 11/00 (2006.01)
(43) 18.07.2024
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(54) METHOD AND DEVICE FOR PROVIDING CUSTOMIZED SOLUTION FOR IMPROVING INTESTINAL ENVIRONMENT
(51) Int. Cl.
G16H 50/30 (2018.01)
G16H 10/60 (2018.01)
G16H 20/60 (2018.01)
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(54) IMAGE AND MESSAGE MANAGEMENT AND ARCHIVING FOR EVENTS
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G06Q 10/10 (2023.01)
G06F 16/00 (2019.01)
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(54) Shoulder prosthesis components and assemblies
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A61F 2/40 (2006.01)
(43) 18.07.2024
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H04N 19/172 (2014.01)
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(11) AU-A-2024204477
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(54) MULTI-LINK DEVICE PROBING METHOD AND COMMUNICATION APPARATUS
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H04W 76/15 (2018.01)
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(21) 2024204488 **(22)** 28.06.2024
(54) DATA TRANSMISSION METHOD AND DEVICE, CHIP SYSTEM, AND COMPUTER-READABLE STORAGE MEDIUM
(51) Int. Cl.
H04L 5/00 (2006.01)
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- (71)** IDEXX Laboratories Inc.
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(54) Point-of-care diagnostic systems and containers for same
(51) Int. Cl.
B01L 3/00 (2006.01)
A61J 1/00 (2023.01)
B01L 3/02 (2006.01)
B01L 9/00 (2006.01)
G01N 33/487 (2006.01)
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(54) Polynucleotide enrichment using CRISPR-Cas systems
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C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
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(11) AU-A-2024204615
(21) 2024204615 **(22)** 03.07.2024
(54) Implant with a diagonal insertion axis
(51) Int. Cl.
A61B 17/88 (2006.01)
A61F 2/02 (2006.01)
A61F 2/28 (2006.01)
A61F 2/30 (2006.01)
A61F 2/44 (2006.01)
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- (71)** Intuit Inc.
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(21) 2024204456 **(22)** 27.06.2024
(54) Transaction classification based on transaction time predictions
(51) Int. Cl.
G06Q 40/00 (2023.01)
G06Q 10/10 (2023.01)
G06Q 30/02 (2023.01)
(43) 18.07.2024
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(11) AU-A-2024204501
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(54) Modulating apolipoprotein (a) expression
(51) Int. Cl.
A61K 31/00 (2006.01)
C12N 15/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
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- (71)** Ishihara Sangyo Kaisha, Ltd.
(11) AU-A-2024204521
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(54) Flaky titanate and method for production thereof, and use thereof
(51) Int. Cl.
C01G 23/00 (2006.01)
C09C 1/36 (2006.01)
C09C 3/08 (2006.01)
C09D 7/61 (2018.01)
C09D 11/037 (2014.01)
C09D 201/00 (2006.01)
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(62) 2019219963
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- (71)** Janssen Biotech, Inc.
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(54) Human anti-IL-23 antibodies, compositions, methods and uses
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A61K 39/395 (2006.01)
G01N 33/567 (2006.01)
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(11) AU-A-2023258397
(21) 2023258397 **(22)** 10.02.2023
(54) HEAT-RESISTANT PROTECTIVE AGENT FOR LIVE VACCINE, AND PREPARATION METHOD AND APPLICATION THEREOF
(51) Int. Cl.
A61K 47/36 (2006.01)
A61K 9/19 (2006.01)
A61K 36/15 (2006.01)
A61K 39/02 (2006.01)
A61K 47/32 (2006.01)
A61K 47/42 (2017.01)
A61K 47/44 (2017.01)
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(74) Remarkable IP
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A61F 7/02 (2006.01)
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 (72) JOHNSON, Kellie
 (74) FOUNDRY INTELLECTUAL PROP-
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(71) Keros Therapeutics, Inc.
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 (54) Activin receptor type IIB variants and
 methods of use thereof
 (51) Int. Cl.
C07K 14/00 (2006.01)
A61K 38/17 (2006.01)
C07K 14/47 (2006.01)
C07K 14/495 (2006.01)
C07K 14/51 (2006.01)
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 (72) SEEHRA, Jasbir S.; LACHEY, Jennifer
 (74) Pizzeys Patent and Trade Mark Attor-
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(71) Kerry Group Services International Ltd
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 (54) Lactase enzymes with improved prop-
 erties
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C07K 14/195 (2006.01)
C12N 9/38 (2006.01)
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 (72) RAJ, Hans; SMITH, Pernille; ECK-
 HARDT, Thomas; VOJINOVIC, Vojis-
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 Grüner; VAN DEN BRINK, Johannes
 Maarten
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(71) Kerry Group Services International Ltd
 (11) AU-A-2024204415
 (21) 2024204415 (22) 27.06.2024
 (54) Lactase enzymes with improved activity
 at low temperatures
 (51) Int. Cl.
C07K 14/195 (2006.01)
C12N 9/38 (2006.01)
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 Maarten
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(71) KNOW Bio, LLC
 (11) AU-A-2024204469
 (21) 2024204469 (22) 28.06.2024
 (54) Treatment of central nervous system
 disorders
 (51) Int. Cl.

A61N 5/06 (2006.01)
A61N 5/00 (2006.01)
A61N 5/08 (2006.01)
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(71) L.E.A.F. Holdings Group LLC
 (11) AU-A-2024204412
 (21) 2024204412 (22) 27.06.2024
 (54) Carotenoid Compositions and Uses
 Thereof
 (51) Int. Cl.
A61K 31/01 (2006.01)
A61K 47/22 (2006.01)
A61K 47/24 (2006.01)
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 GENG, Bolin; XU, Zhenghong; KHAL-
 IFA, Kaniz; KIM, Gwangseong
 (74) WRAYS PTY LTD

(71) LanzaTech, Inc.
 (11) AU-A-2024204385
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 (54) Use of Fermentation Tail Gas in Integ-
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 tion System
 (51) Int. Cl.
C10J 3/82 (2006.01)
C10J 3/84 (2006.01)
C10K 1/32 (2006.01)
C12N 1/20 (2006.01)
C12P 1/02 (2006.01)
C12P 1/04 (2006.01)
C12P 5/02 (2006.01)
 (43) 18.07.2024
 (62) 2021237249
 (72) GAO, Allan Haiming; CONRADO,
 Robert John; ROSIN, Richard; MORIN,
 Gregory; NOWAK, Franz-Marcus
 (74) SR Intellectual Property

(71) LG Electronics Inc.
 (11) AU-A-2024204574
 (21) 2024204574 (22) 02.07.2024
 (54) METHOD AND DEVICE FOR SIGNAL-
 ING VIDEO INFORMATION APPLIC-
 ABLE AT PICTURE LEVEL OR SLICE
 LEVEL
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/105 (2014.01)
H04N 19/174 (2014.01)
H04N 19/82 (2014.01)
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 (62) 2020401934
 (72) HENDRY, Hendry; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia
 Limited

(71) LG Electronics Inc.
 (11) AU-A-2024204575

(21) 2024204575 (22) 02.07.2024
 (54) IMAGE DECODING METHOD AND
 APPARATUS FOR CODING IMAGE IN-
 FORMATION INCLUDING PICTURE
 HEADER
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/174 (2014.01)
H04N 19/30 (2014.01)
H04N 19/44 (2014.01)
 (43) 18.07.2024
 (62) 2020418309
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 (74) Dentons Patent Attorneys Australasia
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(71) LG ELECTRONICS INC.
 (11) AU-A-2024204607
 (21) 2024204607 (22) 03.07.2024
 (54) Home appliance door and home appli-
 ance
 (51) Int. Cl.
F25D 23/02 (2006.01)
F25B 11/00 (2006.01)
F25D 11/00 (2006.01)
F25D 23/06 (2006.01)
 (43) 18.07.2024
 (62) 2022203939
 (72) YI, Myeongha; KIM, Nami
 (74) Dentons Patent Attorneys Australasia
 Limited

(71) Lin, C.
 (11) AU-A-2023202798
 (21) 2023202798 (22) 04.05.2023
 (54) METHOD FOR CAPTURING CARBON
 DIOXIDE AND NITROGEN OXIDES
 IN FLUE GAS AND CONVERSION
 THEREOF TO CARBON SOURCE
 AND NITROGEN SOURCE NEEDED
 FOR ALGAE GROWTH
 (51) Int. Cl.
B01D 53/56 (2006.01)
B01D 53/62 (2006.01)
C01B 21/38 (2006.01)
C01B 32/60 (2017.01)
 (31) 111150464 (32) 28.12.22 (33) TW
 (43) 18.07.2024
 (72) Lin, Cheng-Jen
 (74) Madderns Pty Ltd

(71) Longeveron Inc.
 (11) AU-A-2024204598
 (21) 2024204598 (22) 03.07.2024
 (54) Mesenchymal stem cells as vaccine
 adjuvants and methods for using the
 same
 (51) Int. Cl.
A61K 35/28 (2015.01)
 (43) 18.07.2024
 (62) 2017213812
 (72) HARE, Joshua M.; LANDIN, Ana Marie
 (74) Spruson & Ferguson

(71) LSE R&D ENGINEERING LIMITED
 (11) AU-A-2024204520
 (21) 2024204520 (22) 28.06.2024

Applications Open to Public Inspection - Name Index cont'd

- (54) Intake and exhaust valve system for an internal combustion engine
 (51) Int. Cl.
F01L 1/02 (2006.01)
F01L 1/12 (2006.01)
F01L 7/00 (2006.01)
F01L 7/02 (2006.01)
F01L 7/06 (2006.01)
 (43) 18.07.2024
 (62) 2019301731
 (72) LOONEY, Allen Eugene
 (74) WRAYS PTY LTD
-
- (71) LTA RESEARCH AND EXPLORATION, LLC
 (11) AU-A-2024204605
 (21) 2024204605 (22) 03.07.2024
 (54) SYSTEMS AND METHODS FOR MEASURING LIFT OF A GAS CELL
 (51) Int. Cl.
B64B 1/62 (2006.01)
B64D 45/00 (2006.01)
 (43) 18.07.2024
 (62) 2022364666
 (72) VERNYI, Kyle; CARTER, Dennis; WITTMER, Jonathan
 (74) RnB IP Pty Ltd
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- (71) Maco Pharma
 (11) AU-A-2023285974
 (21) 2023285974 (22) 22.12.2023
 (54) DEVICE FOR WELDING A FLEXIBLE MEDICAL TUBE
 (51) Int. Cl.
B29C 65/04 (2006.01)
 (31) FR2214683 (32) 30.12.22 (33) FR
 (43) 18.07.2024
 (72) Unal, Hervé
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) MedImmune Limited; Fundacio Privada Institut d'Investigacio Oncologica de Vall Hebron; Fundacio Privada Institutio Catalana de Recerca I Estudis Avancats
 (11) AU-A-2024204564
 (21) 2024204564 (22) 01.07.2024
 (54) COMBINATION OF LIF INHIBITORS AND PLATINUM-BASED ANTINEOPLASTIC AGENTS FOR USE IN TREATING CANCER
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/24 (2006.01)
 (43) 18.07.2024
 (62) 2019291307
 (72) Suarez, Joan Seoane; Folgueira, Judit Anido; Hallett, Robin Matthew; Giblin, Patricia Anne; Magram, Jeanne; Pandya, Naimish; Wasserman, Robert; Sinclair, Angus
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Memorial Sloan-Kettering Cancer Center
 (11) AU-A-2024204457
 (21) 2024204457 (22) 27.06.2024
 (54) Methods and compositions for reducing vancomycin-resistant enterococci infection or colonization
 (51) Int. Cl.
A01N 63/00 (2020.01)
A01N 65/00 (2009.01)
A61K 9/00 (2006.01)
A61K 35/66 (2015.01)
A61K 35/74 (2015.01)
 (43) 18.07.2024
 (62) 2021215181
 (72) PAMER, Eric; MCKENNEY, Peter; CABALLERO, Silvia
 (74) Spruson & Ferguson
-
- (71) Methodical Mind, LLC.
 (11) AU-A-2024204513
 (21) 2024204513 (22) 28.06.2024
 (54) Graphical user interface system
 (51) Int. Cl.
G06F 3/0482 (2013.01)
 (43) 18.07.2024
 (62) 2019306591
 (72) WOHLSTADTER, Jacob N.; SIGAL, George; ROQUES, Edward J.S.; PANG, Louis W.; OBEROI, Pankaj; NG, Kin; VOCK, Michael
 (74) Spruson & Ferguson
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- (71) Midwest Training and Development Services, LLC; Zochowski, C.G.; Berend, K.R.
 (11) AU-A-2024204481
 (21) 2024204481 (22) 28.06.2024
 (54) Negative pressure wound apposition dressing system
 (51) Int. Cl.
A61M 1/00 (2006.01)
A61F 13/00 (2006.01)
A61M 27/00 (2006.01)
 (43) 18.07.2024
 (62) 2019270795
 (72) ZOCHOWSKI, Christopher G.; BEREND, Keith R.
 (74) Spruson & Ferguson
-
- (71) MKV GmbH
 (11) AU-A-2024204608
 (21) 2024204608 (22) 03.07.2024
 (54) Preparation Station For A Fast Food Restaurant
 (51) Int. Cl.
A47G 19/18 (2006.01)
B67D 1/00 (2006.01)
G01F 11/02 (2006.01)
G01F 11/22 (2006.01)
 (43) 18.07.2024
 (62) 2018298410
 (72) KÜHLWEIN, Michael
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD
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- (71) Modular Innovations Pty Ltd
 (11) AU-A-2024204614
 (21) 2024204614 (22) 03.07.2024
-
- (54) IMPROVED PANEL AND POST SYSTEMS
 (51) Int. Cl.
E02D 17/00 (2006.01)
 (43) 18.07.2024
 (62) 2022201591
 (72) HARVEY, Jason; CACHIA, Jason; HOLDEN, Nicholas
 (74) Halfords IP
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- (71) Nanjing Mumei Media Technology Co., Ltd.
 (11) AU-A-2023202576
 (21) 2023202576 (22) 27.04.2023
 (54) NODE-ORIENTED COMMUNITY CONTENT AGGREGATION POSTING SYSTEM
 (51) Int. Cl.
G06Q 50/00 (2012.01)
 (31) 202211700235.2 (32) 28.12.22 (33) CN
 (43) 18.07.2024
 (72) Li, Jiaxia; ZHENG, Xiaolong
 (74) MOHAN MURALI KODIVEL
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- (71) NAVICO, INC.
 (11) AU-A-2023282315
 (21) 2023282315 (22) 15.12.2023
 (54) TROLLING MOTOR AND SONAR DEVICE DIRECTIONAL CONTROL
 (51) Int. Cl.
B63H 20/12 (2006.01)
B63H 21/17 (2006.01)
B63H 21/21 (2006.01)
B63H 25/02 (2006.01)
B63H 25/42 (2006.01)
 (31) 18/147,101 (32) 28.12.22 (33) US
 (43) 18.07.2024
 (72) PENDERGRAFT, Dustyn P.; CLARK, Jeremiah D.
 (74) AJ PARK
-
- (71) Nearshore Natural Gas, LLC
 (11) AU-A-2024204485
 (21) 2024204485 (22) 28.06.2024
 (54) Compressed natural gas storage and transportation system
 (51) Int. Cl.
B60P 3/20 (2006.01)
B61D 27/00 (2006.01)
F17C 5/02 (2006.01)
F17C 5/06 (2006.01)
F25D 3/12 (2006.01)
 (43) 18.07.2024
 (62) 2018216680
 (72) SANTOS, Pedro T.; SCOTT, David I.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) New-Tec Integration (Xiamen) Co., Ltd.
 (11) AU-A-2023285939
 (21) 2023285939 (22) 22.12.2023
 (54) COVER, ELASTIC PAD AND FURNITURE
 (51) Int. Cl.
A47C 27/045 (2006.01)
A47C 27/06 (2006.01)
 (31) 202310010316.8 (32) 04.01.23 (33) CN

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(43) 18.07.2024
 (72) Leng, Luhao
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Nicoventures Trading Limited
 (11) AU-A-2024204588
 (21) 2024204588 (22) 02.07.2024
 (54) An article for use in a non-combustible aerosol provision system

(51) Int. Cl.
 A24D 1/20 (2020.01)
 A24F 40/20 (2020.01)

(43) 18.07.2024
 (62) 2020392905
 (72) DIMMICK, Barry; HOLFORD, Steven
 (74) Spruson & Ferguson

(71) Nirvana, U.
 (11) AU-A-2023200022
 (21) 2023200022 (22) 03.01.2023
 (54) Process and System for light mesh measurement.

(51) Int. Cl.
 G01P 3/36 (2006.01)
 G01C 21/24 (2006.01)
 G01P 15/00 (2006.01)

(43) 18.07.2024
 (72) Nirvana, Utah
 (74) Utah Jared Nirvana

(71) Novartis AG; University Court of the University of Glasgow

(11) AU-A-2024202601
 (21) 2024202601 (22) 19.04.2024
 (54) Method of treating tendinopathy using interleukin-17 (IL-17) antagonists

(51) Int. Cl.
 A61P 19/04 (2006.01)
 C07K 16/24 (2006.01)

(43) 18.07.2024
 (62) 2022200690
 (72) McInnes, Iain; Millar, Neal; Kolbinger, Frank; Bruin, Gerard; Schieker, Matthias; Mindeholm, Linda; Weber, Eckhard; Carter, Shea
 (74) Davies Collison Cave Pty Ltd

(71) Nuheara IP Pty Ltd
 (11) AU-A-2023285803
 (21) 2023285803 (22) 20.12.2023
 (54) AN AUDIO TRANSMITTER

(51) Int. Cl.
 H04R 1/10 (2006.01)
 H02J 7/00 (2006.01)
 H04R 1/02 (2006.01)
 H04R 25/00 (2006.01)

(31) 2023900004 (32) 03.01.23 (33) AU
 (43) 18.07.2024
 (72) DAVIS, Alan; COMBES, Peter; ÖSTLIN, Erik
 (74) Integrated IP

(71) Nunhems B.V.
 (11) AU-A-2023219857
 (21) 2023219857 (22) 22.08.2023

(54) Lettuce variety NUN 09181 LTL
 (51) Int. Cl.
 A01H 6/14 (2018.01)
 A01H 5/10 (2018.01)
 A01H 5/12 (2018.01)

(31) 63/477,688 (32) 29.12.22 (33) US
 (43) 18.07.2024
 (72) van Zee, Johan
 (74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
 (11) AU-A-2023285893
 (21) 2023285893 (22) 21.12.2023
 (54) Lettuce variety NUN 09209 LTL

(51) Int. Cl.
 A01H 6/14 (2018.01)
 A01H 1/02 (2006.01)
 A01H 1/04 (2006.01)
 A01H 5/10 (2018.01)
 A01H 5/12 (2018.01)

(31) 63/477,701 (32) 29.12.22 (33) US
 (43) 18.07.2024
 (72) van Zee, Johan
 (74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
 (11) AU-A-2023285906
 (21) 2023285906 (22) 21.12.2023
 (54) Lettuce variety NUN 09199 LTL

(51) Int. Cl.
 A01H 6/14 (2018.01)
 A01H 1/02 (2006.01)
 A01H 1/04 (2006.01)
 A01H 5/10 (2018.01)
 A01H 5/12 (2018.01)

(31) 63/477,701 (32) 29.12.22 (33) US
 (43) 18.07.2024
 (72) van Zee, Johan
 (74) Davies Collison Cave Pty Ltd

(71) NuVasive, Inc.
 (11) AU-A-2023285978
 (21) 2023285978 (22) 22.12.2023
 (54) AUTOMATED PEDICLE SCREW PLANNING

(51) Int. Cl.
 A61B 34/10 (2016.01)

(31) 18/149,562 (32) 03.01.23 (33) US
 (43) 18.07.2024
 (72) O'Connor, Sean; Ponticorvo, Adrien; Kadoury, Samuel; Trung Le, William
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NXT Building System Pty Ltd
 (11) AU-A-2024204374
 (21) 2024204374 (22) 26.06.2024
 (54) Building System

(51) Int. Cl.
 E04B 5/02 (2006.01)
 E04C 5/16 (2006.01)

(43) 18.07.2024
 (62) 2018229677
 (72) Lim, Matakii
 (74) Northern Lights IP

(71) Ocado Innovation Limited
 (11) AU-A-2024204590
 (21) 2024204590 (22) 02.07.2024
 (54) Multi-Function Inventory Handling Station Assembly

(51) Int. Cl.
 B65G 1/04 (2006.01)
 B65G 1/137 (2006.01)

(43) 18.07.2024
 (62) 2021278253
 (72) BATES, Martyn; INGRAM-TEDD, Andrew; MAESTRO, Laura; GODDARD, Lewis; HABBEN, Keith
 (74) James & Wells Intellectual Property

(71) Open Invest Co.
 (11) AU-A-2024204496
 (21) 2024204496 (22) 28.06.2024
 (54) Electronic voting assistant

(51) Int. Cl.
 G07C 13/00 (2006.01)

(43) 18.07.2024
 (62) 2018335873
 (72) MURRAY, Conor; LEVIN, Joshua; WEI, Phillip
 (74) Davies Collison Cave Pty Ltd

(71) Opus RV Pty Ltd
 (11) AU-A-2024204463
 (21) 2024204463 (22) 27.06.2024
 (54) Improvements Relating to Camping Assemblies

(51) Int. Cl.
 B60P 3/34 (2006.01)

(43) 18.07.2024
 (62) 2023203098
 (72) HARRISON, Jonathan; KIDSON, Mark; HAWKINS, Ben
 (74) Arceo IP

(71) Opus RV Pty Ltd
 (11) AU-A-2024204471
 (21) 2024204471 (22) 28.06.2024
 (54) Improvements Relating to Camping Assemblies

(51) Int. Cl.
 B60P 3/34 (2006.01)

(43) 18.07.2024
 (62) 2023203098
 (72) HARRISON, Jonathan; KIDSON, Mark; HAWKINS, Ben
 (74) Arceo IP

(71) OXTI Pte Ltd
 (11) AU-A-2023200035
 (21) 2023200035 (22) 04.01.2023
 (54) HEADPHONE CAPABLE OF BEING BENT OUTWARD

(51) Int. Cl.
 H04R 5/033 (2006.01)
 H04R 1/10 (2006.01)

(43) 18.07.2024
 (72) Ho, Chih-Feng
 (74) Alfred Lei

Applications Open to Public Inspection - Name Index cont'd

(71) OZX IP Pty Ltd
 (11) AU-A-2024204420
 (21) 2024204420 (22) 27.06.2024
 (54) Odometer system for a recreational vehicle
 (51) Int. Cl.
G07C 5/08 (2006.01)
B60S 5/00 (2006.01)
G01C 7/04 (2006.01)
G01C 22/00 (2006.01)
G01C 23/00 (2006.01)
G01M 7/02 (2006.01)
 (43) 18.07.2024
 (62) 2018337066
 (72) HUETT, Andrew; KAPTAN, Senoll
 (74) mdp Patent and Trade Mark Attorneys

(71) Peloton Interactive, Inc.
 (11) AU-A-2024204439
 (21) 2024204439 (22) 27.06.2024
 (54) EXERCISE SYSTEM AND METHOD
 (51) Int. Cl.
A63B 24/00 (2006.01)
A63B 22/00 (2006.01)
A63B 22/02 (2006.01)
A63B 23/12 (2006.01)
A63B 71/00 (2006.01)
A63B 71/06 (2006.01)
 (43) 18.07.2024
 (62) 2023200631
 (72) POURE, Jason; KRUSE, Mark; COIRO, Maureen C.; CONSIGLIO, John; AL-CORN, Nigel; EVANCHA, Betina; WILLHITE, Ashley
 (74) AJ PARK

(71) Pentair Water Pool and Spa, Inc.
 (11) AU-A-2023286005
 (21) 2023286005 (22) 27.12.2023
 (54) Auto-configuration of aquatic equipment
 (51) Int. Cl.
G05B 13/02 (2006.01)
G05B 15/02 (2006.01)
G05B 19/042 (2006.01)
 (31) 63/477,778 (32) 29.12.22 (33) US
 (43) 18.07.2024
 (72) LEWIS, Keith; MILLER, James; MCCALL, Rodney Byron; CHAGANTI, Venu; RAMOS, Anjie; PHY, Andrew
 (74) GLMR

(71) Pentair Water Pool and Spa, Inc.
 (11) AU-A-2023286029
 (21) 2023286029 (22) 29.12.2023
 (54) Integrated pool pad equipment
 (51) Int. Cl.
E04H 4/12 (2006.01)
C02F 1/50 (2023.01)
C02F 1/68 (2023.01)
E04H 4/14 (2006.01)
G05D 21/02 (2006.01)
 (31) 63/477,798 (32) 29.12.22 (33) US
 (43) 18.07.2024
 (72) BULGER, Charles; PAI, Umesh; VAKIL, Neelin; MILLER, James; TULO, Ajit; YADUVENSHI, Bhupendra; MISHRA, Subhasish; GUPTA, Swati; KRISHNAN-

TREY, Pankaj; PARIK, Devender; JAIN, Anu; ROLCHIGO, Philip
 (74) GLMR

(71) PEPTINOVO BIOPHARMA INC.
 (11) AU-A-2022463050
 (21) 2022463050 (22) 30.12.2022
 (54) PROCESS FOR THE PREPARATION OF DELTA-TOCOTRIENOL
 (51) Int. Cl.
C07D 311/72 (2006.01)
 (43) 18.07.2024
 (72) CASTALDI, Graziano; CASTALDI, Michele; ZAMBON, Michele
 (74) Davies Collison Cave Pty Ltd

(71) Pirouette Medical Inc.
 (11) AU-A-2024204518
 (21) 2024204518 (22) 28.06.2024
 (54) COMPACT AUTO-INJECTOR
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/142 (2006.01)
 (43) 18.07.2024
 (62) 2018326619
 (72) KAPAS, Elijah; KANE, Matthew; CULLINANE, Conor
 (74) Davies Collison Cave Pty Ltd

(71) PLUG POWER INC.
 (11) AU-A-2024200004
 (21) 2024200004 (22) 02.01.2024
 (54) Systems and Methods for Operating a Fuel Cell
 (51) Int. Cl.
H01M 8/04537 (2016.01)
H01M 8/04089 (2016.01)
H01M 8/04302 (2016.01)
H01M 8/1004 (2016.01)
 (31) 63/477,974 (32) 30.12.22 (33) US
 (43) 18.07.2024
 (72) ROSEN, Jonathan; FARESE, Andrew; HELLER, Christian; SPRAGUE, Brian
 (74) Zone Law Limited

(71) Pratt Corrugated Holdings, Inc.
 (11) AU-A-2024204391
 (21) 2024204391 (22) 26.06.2024
 (54) LINER
 (51) Int. Cl.
B65D 81/38 (2006.01)
B65D 25/16 (2006.01)
 (43) 18.07.2024
 (62) 2018264050
 (72) Waltermire, Jamie; Sollie, Greg; Chen, Shifeng
 (74) Golja Haines & Friend

(71) Praxair Technology, Inc.
 (11) AU-A-2024204538
 (21) 2024204538 (22) 29.06.2024
 (54) Mobile support assembly for holding and transporting a container
 (51) Int. Cl.
B62B 3/10 (2006.01)
B62B 5/04 (2006.01)

(43) 18.07.2024
 (62) 2022201535
 (72) PAREEK, Mayank; SINHA, Ashwini K.; SMITH, Stanley M.; BURSAC, Ranko; BOLL, Amber L.; RIEHM-CONSTANTINO, Merry; HANGEN, Amy Beth; MARCONI, Fred
 (74) Griffith Hack

(71) Precision BioSciences, Inc.
 (11) AU-A-2024203244
 (21) 2024203244 (22) 15.05.2024
 (54) Optimized engineered nucleases having specificity for the human T cell receptor alpha constant region gene
 (51) Int. Cl.
C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61K 38/46 (2006.01)
C12N 5/0783 (2010.01)
C12N 9/22 (2006.01)
 (43) 18.07.2024
 (62) 2019252527
 (72) SMITH, James Jefferson; LAPE, Janel; LI, Hui; GENSCHEL, Jochen
 (74) Davies Collison Cave Pty Ltd

(71) Precision Planting LLC
 (11) AU-A-2024204511
 (21) 2024204511 (22) 28.06.2024
 (54) Systems and apparatuses for soil and seed monitoring
 (51) Int. Cl.
A01C 5/06 (2006.01)
A01B 61/04 (2006.01)
A01B 79/00 (2006.01)
A01C 5/00 (2006.01)
A01C 7/20 (2006.01)
 (43) 18.07.2024
 (62) 2018345735
 (72) STRNAD, Michael; KATER, Timothy; MORGAN, Matthew P.; KOCH, Dale M.; HODEL, Jeremy; MINARICH, Nicholas; LITWILLER, Riley
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024204516
 (21) 2024204516 (22) 28.06.2024
 (54) Systems and apparatuses for soil and seed monitoring
 (51) Int. Cl.
A01C 5/06 (2006.01)
A01B 61/04 (2006.01)
A01B 79/00 (2006.01)
A01C 5/00 (2006.01)
A01C 7/20 (2006.01)
 (43) 18.07.2024
 (62) 2018345735
 (72) STRNAD, Michael; KATER, Timothy; MORGAN, Matthew P.; KOCH, Dale M.; HODEL, Jeremy; MINARICH, Nicholas; LITWILLER, Riley
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024204519

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(21) 2024204519 (22) 28.06.2024
 (54) Systems and apparatuses for soil and seed monitoring
 (51) Int. Cl.
A01C 5/06 (2006.01)
A01B 61/04 (2006.01)
A01B 79/00 (2006.01)
A01C 5/00 (2006.01)
A01C 7/20 (2006.01)
 (43) 18.07.2024
 (62) 2018345735
 (72) STRNAD, Michael; KATER, Timothy; MORGAN, Matthew P.; KOCH, Dale M.; HODEL, Jeremy; MINARICH, Nicholas; LITWILLER, Riley
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024204524
 (21) 2024204524 (22) 28.06.2024
 (54) Systems and apparatuses for soil and seed monitoring
 (51) Int. Cl.
A01C 5/06 (2006.01)
A01B 61/04 (2006.01)
A01B 79/00 (2006.01)
A01C 5/00 (2006.01)
A01C 7/20 (2006.01)
 (43) 18.07.2024
 (62) 2018345735
 (72) STRNAD, Michael; KATER, Timothy; MORGAN, Matthew P.; KOCH, Dale M.; HODEL, Jeremy; MINARICH, Nicholas; LITWILLER, Riley
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024204526
 (21) 2024204526 (22) 28.06.2024
 (54) Systems and apparatuses for soil and seed monitoring
 (51) Int. Cl.
A01C 5/06 (2006.01)
A01B 61/04 (2006.01)
A01B 79/00 (2006.01)
A01C 5/00 (2006.01)
A01C 7/20 (2006.01)
 (43) 18.07.2024
 (62) 2018345735
 (72) STRNAD, Michael; KATER, Timothy; MORGAN, Matthew P.; KOCH, Dale M.; HODEL, Jeremy; MINARICH, Nicholas; LITWILLER, Riley
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024204529
 (21) 2024204529 (22) 28.06.2024
 (54) Soil sensing systems and implements for sensing different soil parameters
 (51) Int. Cl.
A01B 49/04 (2006.01)
A01B 35/32 (2006.01)
A01C 5/04 (2006.01)
A01C 7/20 (2006.01)
G01N 33/24 (2006.01)

(43) 18.07.2024
 (62) 2018350912
 (72) STOLLER, Jason; SCHLIPF, Ben L.
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024204530
 (21) 2024204530 (22) 28.06.2024
 (54) Soil sensing systems and implements for sensing different soil parameters
 (51) Int. Cl.
A01B 49/04 (2006.01)
A01B 35/32 (2006.01)
A01C 5/04 (2006.01)
A01C 7/20 (2006.01)
G01N 33/24 (2006.01)

(43) 18.07.2024
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 (72) STOLLER, Jason; SCHLIPF, Ben L.
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024204531
 (21) 2024204531 (22) 28.06.2024
 (54) Soil sensing systems and implements for sensing different soil parameters
 (51) Int. Cl.
A01B 49/04 (2006.01)
A01B 35/32 (2006.01)
A01C 5/04 (2006.01)
A01C 7/20 (2006.01)
G01N 33/24 (2006.01)

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 (72) STOLLER, Jason; SCHLIPF, Ben L.
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(71) Precision Planting LLC
 (11) AU-A-2024204534
 (21) 2024204534 (22) 29.06.2024
 (54) Seed trench closing sensors
 (51) Int. Cl.
A01C 5/06 (2006.01)
 (43) 18.07.2024
 (62) 2018370124
 (72) KOCH, Dale; STOLLER, Jason; SWANSON, Todd; STRNAD, Michael; MORGAN, Matthew; RADTKE, Ian; KATER, Timothy; HODEL, Jermy
 (74) Griffith Hack

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 (11) AU-A-2024204536
 (21) 2024204536 (22) 29.06.2024
 (54) Seed trench closing sensors
 (51) Int. Cl.
A01C 5/06 (2006.01)
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 (72) KOCH, Dale; STOLLER, Jason; SWANSON, Todd; STRNAD, Michael; MORGAN, Matthew; RADTKE, Ian; KATER, Timothy; HODEL, Jermy
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 (21) 2024204479 (22) 28.06.2024
 (54) RNA-guided transcriptional regulation
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C12N 15/85 (2006.01)
A61K 48/00 (2006.01)
C07H 21/02 (2006.01)
C12N 5/07 (2010.01)
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 (74) Davies Collison Cave Pty Ltd

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A61M 5/315 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) Formulation and packaging of compositions
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B67D 7/60 (2010.01)
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A61L 27/12 (2006.01)
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 (43) 18.07.2024
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C12P 17/18 (2006.01)
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B25B 1/02 (2006.01)
B25B 1/08 (2006.01)
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B66C 1/04 (2006.01)
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B23K 26/70 (2014.01)
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G02B 6/036 (2006.01)
G03C 13/04 (2006.01)
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A61H 33/00 (2006.01)
G05B 23/02 (2006.01)
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B01J 20/30 (2006.01)
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B01D 15/26 (2006.01)
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G06V 10/44 (2022.01)
G16H 50/20 (2018.01)
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C07F 9/6561 (2006.01)
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A63B 23/00 (2006.01)
A61H 1/02 (2006.01)
A61H 15/00 (2006.01)
A63B 4/00 (2006.01)
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C07D 209/20 (2006.01)
C07D 401/08 (2006.01)
C07D 401/14 (2006.01)
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A61K 38/17 (2006.01)
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A61K 39/395 (2006.01)
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(51) Int. Cl.
E04H 5/04 (2006.01)
E02D 27/01 (2006.01)
E02D 27/32 (2006.01)
E04B 1/04 (2006.01)
E04B 1/12 (2006.01)
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F02D 19/02 (2006.01)
B61C 7/04 (2006.01)
B61C 17/02 (2006.01)

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F02B 43/10 (2006.01)
F02D 41/22 (2006.01)
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H01M 8/00 (2016.01)
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H01L 31/0224 (2006.01)
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A61K 31/519 (2006.01)
A61K 31/137 (2006.01)
A61K 31/496 (2006.01)

A61K 31/554 (2006.01)
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A61K 45/06 (2006.01)
A61P 13/10 (2006.01)
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G06F 21/31 (2013.01)
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G06Q 10/08 (2023.01)
G06F 16/583 (2019.01)
G06Q 10/0631 (2023.01)
G06Q 10/087 (2023.01)
G06Q 10/0875 (2023.01)
G06Q 10/10 (2023.01)
G06Q 30/02 (2023.01)
G06T 7/00 (2017.01)
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C12N 15/113 (2010.01)

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A47J 36/34 (2006.01)
A47J 27/00 (2006.01)
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B62B 7/14 (2006.01)
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C25C 3/08 (2006.01)
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| 2023200016 | EVOLUTION OIL TOOLS INC. | 2024204342 | Keros Therapeutics, Inc. |
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| 2023200035 | OXTI Pte Ltd | 2024204367 | Kerry Group Services International Ltd |
| 2023201265 | Sharp Kabushiki Kaisha | 2024204374 | NXT Building System Pty Ltd |
| 2023202576 | Nanjing Mumei Media Technology Co., Ltd. | 2024204383 | Aristocrat Technologies Australia Pty Limited |
| 2023202798 | Lin, C. | 2024204384 | Aristocrat Technologies Australia Pty Limited |
| 2023203764 | Sterlite Technologies Limited | 2024204385 | LanzaTech, Inc. |
| 2023203847 | Guangdong Eagler Geological Equipment Technology Co., Ltd | 2024204387 | Hooga Holdings Pty Limited |
| 2023210609 | ANDREEV, P. | 2024204390 | Future Health Works Ltd. |
| 2023219817 | ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD. | 2024204391 | Pratt Corrugated Holdings, Inc. |
| 2023219857 | Nunhems B.V. | 2024204392 | TuSimple, Inc. |
| 2023241357 | Deere & Company | 2024204393 | Crown Equipment Corporation |
| 2023251558 | Computer Basics Australia Pty Ltd | 2024204394 | TuSimple, Inc. |
| 2023255038 | Hans Hundegger Beteiligungs GmbH & Co.KG | 2024204395 | IDEXX Laboratories Inc. |
| 2023258397 | JINYUBAOLING BIO-PHARMACEUTICAL CO., LTD | 2024204396 | Apple Inc. |
| 2023266331 | Aristocrat Technologies, Inc. | 2024204397 | Apple Inc. |
| 2023270266 | Garavito Pardo, M. | 2024204398 | Ecolab USA Inc. |
| 2023274078 | Transportation IP Holdings, LLC | 2024204399 | CFPH, LLC |
| 2023274163 | Deere & Company | 2024204400 | Apple Inc. |
| 2023278014 | Britax Römer Kindersicherheit GmbH | 2024204404 | Berlin-Chemie AG |
| 2023278081 | Apnea Sciences Corporation | 2024204405 | Haldor Topsøe A/S |
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| 2023282241 | eBay Inc. | 2024204408 | COS IPT Pty Ltd |
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| 2023282268 | Symex Corporation | 2024204411 | Amgen Inc. |
| 2023282315 | NAVICO, INC. | 2024204412 | L.E.A.F. Holdings Group LLC |
| 2023285762 | Tempus AI, Inc. | 2024204413 | Grey Market Labs, PBC |
| 2023285803 | Nuheara IP Pty Ltd | 2024204414 | Cohere Technologies, Inc. |
| 2023285819 | Schneider Electric Industries SAS | 2024204415 | Kerry Group Services International Ltd |
| 2023285822 | Beijing Tusen Zhitu Technology Co., Ltd. | 2024204420 | OZX IP Pty Ltd |
| 2023285886 | DALLAN S.P.A | 2024204421 | Seattle Children's Hospital (dba Seattle Children's Research Institute) |
| 2023285893 | Nunhems B.V. | 2024204422 | Air Products and Chemicals, Inc. |
| 2023285903 | Calabrio, Inc. | 2024204425 | Seattle Children's Hospital (DBA Seattle Children's Research Institute) |
| 2023285906 | Nunhems B.V. | 2024204426 | Dolby International AB |
| 2023285939 | New-Tec Integration (Xiamen) Co., Ltd. | 2024204429 | Spinal Modulation, Inc. |
| 2023285974 | Maco Pharma | 2024204430 | Dolby International AB |
| 2023285978 | NuVasive, Inc. | 2024204432 | Enable Injections, Inc. |
| 2023285979 | DALLAN S.P.A | 2024204435 | CFPH, LLC |
| 2023285994 | DALLAN S.P.A | 2024204437 | Astraea Therapeutics, LLC |
| 2023286005 | Pentair Water Pool and Spa, Inc. | 2024204438 | Blackhawk Network, Inc. |
| 2023286015 | ExRobotics B.V. | 2024204439 | Peloton Interactive, Inc. |
| 2023286021 | Calabrio, Inc. | 2024204440 | Dolby International AB |
| 2023286022 | Whirlpool Corporation | 2024204441 | Freeport Minerals Corporation |
| 2023286025 | Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd | 2024204442 | DEB IP LIMITED |
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| 2024200004 | PLUG POWER INC. | 2024204445 | Huawei Technologies Co., Ltd. |
| 2024200007 | Chongqing Changan Automobile Co., Ltd | 2024204446 | AqueSys, Inc. |
| 2024200010 | Chongqing Changan Automobile Co., Ltd | 2024204451 | Beijing Roborock Technology Co., Ltd. |
| 2024200023 | JOHNSON, K. | 2024204455 | Dolby International AB |
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| 2024202918 | The University of Chicago | 2024204467 | Snap-on Incorporated |
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| 2024203244 | Precision BioSciences, Inc. | 2024204469 | KNOW Bio, LLC |
| 2024204010 | 4WEB, INC. | 2024204470 | VusionGroup |
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| | | 2024204477 | Huawei Technologies Co., Ltd. |
| | | 2024204478 | Halliburton Energy Services, Inc. |

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| 2024204481 | Midwest Training and Development Services, LLC; Zochowski, C.G.; Berend, K.R. | | Consortio Centro de Investigacion Biomedica en Red, M.P. |
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| 2024204496 | Open Invest Co. | 2024204609 | Thomson Reuters Enterprise Centre GmbH |
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| 2024204560 | Technological Resources Pty. Limited | | |
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| 2024204575 | LG Electronics Inc. | | |
| 2024204576 | Amarin Pharmaceuticals Ireland Limited | | |
| 2024204577 | Howmedica Osteonics Corp. | | |
| 2024204583 | Angel Group Co., Ltd. | | |
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| 2024204586 | The Trustees of Columbia University in the City of New York | | |
| 2024204588 | Nicoventures Trading Limited | | |
| 2024204590 | Ocado Innovation Limited | | |
| 2024204591 | Urovant Sciences GmbH | | |
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C22B 3/02 (2006.01)
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A01N 37/22 (2006.01)
A01N 37/24 (2006.01)
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C07D 213/81 (2006.01)
C07D 239/26 (2006.01)
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A01N 43/16 (2006.01)
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A01N 43/56 (2006.01)
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C07D 311/96 (2006.01)
C07D 405/04 (2006.01)
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H04W 4/021 (2018.01)
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A61B 6/02 (2006.01)
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A61J 3/02 (2006.01)
A61K 9/14 (2006.01)
A61P 11/00 (2006.01)
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A61F 2/16 (2006.01)
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E21B 21/06 (2006.01)
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C07K 16/40 (2006.01)
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C07K 16/00 (2006.01)
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(54) METHOD OF MEASURING TIMING HOLDOVER PERFORMANCE IN AN R-PHY SYSTEM
(51) Int. Cl.
H04J 3/06 (2006.01)
H04L 47/30 (2022.01)
H04N 21/43 (2011.01)
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(74) Davies Collison Cave Pty Ltd
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(54) VENTURI DEVICE TO DISPLACE AIR FROM PLUMBING FIXTURE TRAPWAY
(51) Int. Cl.
E03D 1/12 (2006.01)
E03D 1/00 (2006.01)
E03D 3/00 (2006.01)
E03D 3/10 (2006.01)
E03D 5/00 (2006.01)
E03D 1/24 (2006.01)
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G01V 3/08 (2006.01)
B63C 7/26 (2006.01)
B63C 11/48 (2006.01)
B63G 8/00 (2006.01)
G01V 3/165 (2006.01)
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A01N 43/60 (2006.01)
A01P 13/00 (2006.01)
C07D 233/70 (2006.01)
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A61K 31/4375 (2006.01)
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A61P 31/18 (2006.01)
C07K 14/725 (2006.01)
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C07D 409/04 (2006.01)
C07D 471/04 (2006.01)
A61P 9/10 (2006.01)
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B29C 44/08 (2006.01)
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A61K 31/58 (2006.01)
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A61K 9/48 (2006.01)
A61K 9/50 (2006.01)
A61P 13/12 (2006.01)
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B60M 1/30 (2006.01)
B60M 1/34 (2006.01)
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(72) STRASHNY, Igor; WELLER, Brian Robert
(74) Patent Attorney Services
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B60M 1/30 (2006.01)
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E21C 35/06 (2006.01)
E21C 27/02 (2006.01)
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B60L 58/12 (2019.01)
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(74) Patent Attorney Services
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(54) SURGICAL VESSEL CLOSING PRESSURE DEVICE
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A61B 17/12 (2006.01)
A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
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(54) ANTIBODIES TO MUTANT CALRETICULIN AND USES THEREOF
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A61K 39/395 (2006.01)
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A61P 7/00 (2006.01)
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C07K 14/47 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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C07C 53/128 (2006.01)
A61K 31/19 (2006.01)
A61P 7/02 (2006.01)
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A61K 31/19 (2006.01)
A61K 31/765 (2006.01)
A61P 19/00 (2006.01)
A61P 21/00 (2006.01)
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C07K 14/015 (2006.01)
A61K 35/76 (2015.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
A61P 19/02 (2006.01)
A61P 27/02 (2006.01)
C12N 7/00 (2006.01)
C12N 15/35 (2006.01)
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 (54) DISCONTINUOUS RECEPTION SCHEDULING METHOD AND DEVICE
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H04W 24/02 (2009.01)
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 (72) CHEN, Ningyu; TAN, Jiayao; HAN, Xingyu
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B01F 23/231 (2022.01)
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 (54) SYSTEMS AND PROCESSES FOR GENERATING A SINGLE CRYPTOCURRENCY ADDRESS MAPPING SPACE FOR A PLURALITY OF CRYPTOCURRENCIES BY CLUSTERING
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H04L 9/00 (2022.01)
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 (54) METHODS OF SYNTHESIZING CANABIDIOL, DERIVATIVES THEREOF, AND OTHER PHYTOCANNABINOIDS
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C07D 205/02 (2006.01)
A61K 31/045 (2006.01)
A61K 31/352 (2006.01)
C07C 37/11 (2006.01)
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 (72) KINGSBURY, Jason, S.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (54) ANTIVIRAL COMPOSITION COMPRISING NUCLEOSIDE ANALOGUES DERIVED FROM NUCLEIC ACID AND PHARMACEUTICALLY ACCEPTABLE SALT THEREOF
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A61K 31/522 (2006.01)
A23K 20/137 (2016.01)
A23L 33/10 (2016.01)
A23L 33/125 (2016.01)
A61K 31/708 (2006.01)
A61P 31/12 (2006.01)
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 (54) O-PHOSPHOSERINE-PRODUCING MICROORGANISM, AND METHOD FOR PRODUCING O-PHOSPHOSERINE OR L-CYSTEINE BY USING SAME
 (51) Int. Cl.
C12N 15/70 (2006.01)
C12N 9/04 (2006.01)
C12P 13/06 (2006.01)
 (87) WO2023/128568
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G06F 16/906 (2019.01)
G06F 16/903 (2019.01)
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G06F 40/134 (2020.01)
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 (54) METHODS AND SYSTEMS FOR ANALYZING NUCLEIC ACIDS USING INCREASED IFRET WITH MULTIPLE ACCEPTOR FLUOROPHORES
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C12Q 1/6818 (2018.01)
C12N 15/115 (2010.01)
C12Q 1/6844 (2018.01)
G01N 33/52 (2006.01)
C12Q 1/6827 (2018.01)
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E06B 9/34 (2006.01)
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 (87) WO2023/129907
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 (72) WATKINS, Richard D.; BARSS, James Lee; LIU, Yetman; MARUSAK, Thomas J.
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 (54) HEAVY TRUCK TIRE TREAD WITH DECOUPLING SIPES IN THE SHOULDER AND SACRIFICIAL RIB
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B60C 11/01 (2006.01)
B60C 11/02 (2006.01)
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B60C 11/04 (2006.01)
B60C 11/12 (2006.01)
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 (72) VOSS, Stefan; FOUCHER, Benoît
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 (54) COMPONENTS FOR DRINKING WATER PIPES, AND METHOD FOR MANUFACTURING SAME
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C22C 9/04 (2006.01)
B22D 11/00 (2006.01)
C22F 1/08 (2006.01)
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H01R 24/86 (2011.01)
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A63B 21/072 (2006.01)
F16C 19/28 (2006.01)
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C08G 18/10 (2006.01)
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 (21) 2022421642 (22) 20.12.2022
 (54) SENSOR
 (51) Int. Cl.
G01N 33/00 (2006.01)
G01N 33/483 (2006.01)
G01N 27/22 (2006.01)
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 (72) BLOOMER, Dan; BROWN, Finn; PENNY, Hamish
 (74) Ascent IP

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 (54) UROKINASE-TYPE PLASMINOGEN ACTIVATOR RECEPTOR (UPAR)-PET/CT IN NEUROENDOCRINE NEOPLASMS
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A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
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 (31) 21214757.3 (32) 15.12.21 (33) EP
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) PRODRUGS FOR COMPOUNDS SPECIFIC TO GRANZYME B AND USES THEREOF
 (51) Int. Cl.
A61K 31/404 (2006.01)
A61K 38/00 (2006.01)
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 (72) BILCER, Geoffrey Malcolm; XIONG, Hui; HORCHLER, Carey; CASTANARES, Mark A.; LIEBERMAN, Brian; ZHANG, Wei; HUANG, Xuan; ZHANG, Juntian
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) COMPOUNDS SPECIFIC TO GRANZYME B AND USES THEREOF
 (51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61K 31/40 (2006.01)
A61K 31/407 (2006.01)
 (87) WO2023/108009
 (31) 63/287,494 (32) 08.12.21 (33) US
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) DEPUY SYNTHES PRODUCTS, INC.
 (11) AU-A-2022399996
 (21) 2022399996 (22) 18.10.2022
 (54) SURGICAL SYSTEM FOR APPLYING AND DETECTING THE POSITION OF AN IMPLANT
 (51) Int. Cl.
A61F 2/44 (2006.01)
A61F 2/46 (2006.01)
 (87) WO2023/099978
 (31) 17/538,395 (32) 30.11.21 (33) US
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 (72) THOMMEN, Daniel; BUEHLMANN, Eric; PULS, Marc
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 (21) 2022402545 (22) 11.11.2022
 (54) MULTIOPTIONAL ACCESS DEVICE
 (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 17/17 (2006.01)
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 (11) AU-A-2022413620
 (21) 2022413620 (22) 16.12.2022
 (54) METHOD FOR MEASURING HELIOSTATS, AND METHOD FOR CALIBRATING HELIOSTATS
 (51) Int. Cl.
F24S 50/00 (2018.01)
F24S 23/77 (2018.01)
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 (31) 10 2021 133 719.4 (32) 17.12.21 (33) DE
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 (72) NETTELROTH, Vincent; LEIBAUER, Moritz
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2022423988
 (21) 2022423988 (22) 28.12.2022
 (54) ANTI-SENSE OLIGONUCLEOTIDES AND USES THEREOF
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7042 (2006.01)
A61K 31/7088 (2006.01)
C12N 15/11 (2006.01)
 (87) WO2023/129939
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A61N 5/06 (2006.01)
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C01G 37/00 (2006.01)
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G02F 1/167 (2019.01)
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 (51) Int. Cl.
G02F 1/00 (2006.01)
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A61K 31/4025 (2006.01)
A61P 9/00 (2006.01)
C07D 401/06 (2006.01)
C07D 401/10 (2006.01)
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B60L 5/18 (2006.01)
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B60L 5/20 (2006.01)
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B60L 8/00 (2006.01)
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A01K 67/033 (2006.01)
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C07K 14/01 (2006.01)
C12N 15/86 (2006.01)
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C07K 16/28 (2006.01)
A61K 31/551 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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A61M 5/168 (2006.01)
A61M 5/14 (2006.01)
A61M 39/22 (2006.01)
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 (51) Int. Cl.
C07D 401/14 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07C 55/14 (2006.01)
C07C 57/15 (2006.01)
C07C 309/04 (2006.01)
C07C 309/20 (2006.01)
C07C 309/29 (2006.01)
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 (74) Griffith Hack
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 (51) Int. Cl.
C07D 307/12 (2006.01)
C07D 307/14 (2006.01)
C07D 307/24 (2006.01)
 (87) WO2023/164679
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A23L 33/185 (2016.01)
A23J 1/00 (2006.01)
A23J 1/20 (2006.01)
A23J 3/14 (2006.01)
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A23L 7/117 (2016.01)
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(54) BISPECIFIC ANTIBODY AGAINST CD3 AND CD20 IN COMBINATION THERAPY FOR TREATING DIFFUSE LARGE B-CELL LYMPHOMA
(51) Int. Cl.
A61K 39/395 (2006.01)
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A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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A61K 39/395 (2006.01)
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A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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F41H 5/02 (2006.01)
F41H 5/04 (2006.01)
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A01K 67/0278 (2024.01)
A01K 61/00 (2017.01)

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A01K 67/02 (2006.01)
A01K 63/02 (2006.01)
A01K 67/027 (2006.01)
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C12N 15/63 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) GLUETACS THERAPEUTICS (SHANGHAI) CO., LTD.
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(21) 2022405474 **(22)** 08.12.2022
(54) LIGAND COMPOUNDS FOR E3 UBIQUITIN LIGASE, PROTEIN DEGRADERS DEVELOPED ON BASIS OF LIGAND COMPOUNDS, AND USES THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/4035 (2006.01)
A61K 31/44 (2006.01)
A61K 31/4412 (2006.01)
A61K 31/496 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 209/46 (2006.01)
C07D 227/093 (2006.01)
C07D 237/08 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 413/14 (2006.01)
C07D 498/22 (2006.01)

(87) WO2023/104155
(31) 202111493174.2 **(32)** 08.12.21 **(33)** CN
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 202210927231.1 03.08.22 CN
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(72) YANG, Xiaobao; SUN, Renhong; LI, Yan; ZHAO, Baoyin; ZHANG, Ruiyan
(74) Madderns Pty Ltd

(71) GOOGLE LLC
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(21) 2022426693 **(22)** 29.12.2022
(54) ENHANCING THE COHERENCE OF SUPERCONDUCTING QUANTUM BITS
(51) Int. Cl.
G06N 10/40 (2022.01)
(87) WO2023/129637
(31) 63/294,672 **(32)** 29.12.21 **(33)** US
(43) 06.07.2023
(72) LISENFELD, Jürgen; BILMES, Alexander; USTINOV, Alexey; ROTZINGER, Johannes
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) GOOGLE LLC
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(21) 2022437243 **(22)** 31.01.2022
(54) BATTERY ZERO-VOLTAGE DETECTION METHODOLOGIES AND APPLICATIONS THEREOF
(51) Int. Cl.

H02J 7/00 (2006.01)
(87) WO2023/146680
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(72) LIM, James Robert; WANG, David; ZHANG, Haoxing; SHI, Shang
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) GRAPHIC PACKAGING INTERNATIONAL, LLC
(11) AU-A-2023215281
(21) 2023215281 **(22)** 03.02.2023
(54) CARTON WITH RECLOSABLE FEATURES
(51) Int. Cl.
B65D 5/06 (2006.01)
B65D 5/10 (2006.01)
B65D 5/66 (2006.01)
(87) WO2023/150282
(31) 63/307,313 **(32)** 07.02.22 **(33)** US
(43) 10.08.2023
(72) SPITLER, Donald
(74) PHILLIPS ORMONDE FITZPATRICK

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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(21) 2022430396 **(22)** 08.11.2022
(54) SIGNALING GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/124 (2014.01)
H04N 19/36 (2014.01)
(87) WO2023/132992
(31) 63/266,615 **(32)** 10.01.22 **(33)** US
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(72) GAN, Jonathan; YU, Yue; YU, Haoping
(74) Spruson & Ferguson

(71) GUANGZHOU HEYGears IMC INC
(11) AU-A-2022434861
(21) 2022434861 **(22)** 07.12.2022
(54) MATERIAL SUPPLY MECHANISM, TRAY ASSEMBLY, 3D PRINTER AND 3D PRINTING METHOD
(51) Int. Cl.
B29C 64/321 (2017.01)
B29C 64/255 (2017.01)
(87) WO2023/138250
(31) 202210065928.2 **(32)** 20.01.22 **(33)** CN
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 (54) HELIOSTAT FIELD LAYOUT SYSTEM AND METHOD
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F24S 23/77 (2018.01)
F24S 20/00 (2018.01)
F24S 20/20 (2018.01)
F24S 23/70 (2018.01)
F24S 30/45 (2018.01)
 (87) WO2023/147268
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 (72) SCHELL, Steven
 (74) FB Rice Pty Ltd
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 (11) AU-A-2022413478
 (21) 2022413478 (22) 14.12.2022
 (54) TRANSFORMER COMPRISING A PLURALITY OF WINDINGS
 (51) Int. Cl.
H01F 27/28 (2006.01)
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H01F 27/34 (2006.01)
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 (74) FB Rice Pty Ltd
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- (71) HOLOGIC, INC.
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 (54) MULTI-FACETED BIOPSY NEEDLE TIPS AND NEEDLES, NEEDLE SETS, AND DEVICES INCORPORATING THE SAME
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A61B 10/02 (2006.01)
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B63B 32/64 (2020.01)
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 (54) MEASUREMENT ESTABLISHMENT IDENTIFIER DETERMINATION METHOD AND RELATED DEVICE
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H04W 64/00 (2009.01)
H04W 4/80 (2018.01)
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 (51) Int. Cl.
H04L 5/00 (2006.01)
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 (74) Halfords IP
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- (71) HUNAN SIJIU TECHNOLOGY CO., LTD
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 (21) 2023267801 (22) 09.05.2023
 (54) SIDE HOLDING STRUCTURE AND THERMAL TRANSFER PRINTING DEVICE
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B41F 16/02 (2006.01)
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 (72) AI, Min; HUANG, Wenxiong
 (74) Peter WANG ipseedyau@outlook.com
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 (54) MULTI-LAYER CHAINSAW PROTECTION GARMENT
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A41D 1/08 (2018.01)
A41D 13/05 (2006.01)
A41D 17/02 (2006.01)
A41D 31/24 (2019.01)
B32B 5/00 (2006.01)
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B23D 47/12 (2006.01)
B23D 45/16 (2006.01)
B23D 47/00 (2006.01)
B25F 5/02 (2006.01)
B28D 1/04 (2006.01)
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 (54) METHOD FOR MANUFACTURING PERSONALIZED DECORATIVE LAMINATED PANELS, AND PERSONALIZED DECORATIVE LAMINATED PANELS
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B44C 1/22 (2006.01)
E04F 15/02 (2006.01)
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 (31) 2030319 (32) 28.12.21 (33) NL
 (43) 06.07.2023
 (72) BOUCKÉ, Eddy Alberic
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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 (21) 2022425572 (22) 28.12.2022
 (54) DECORATIVE PANEL AND DECORATIVE COVERING
 (51) Int. Cl.
E04F 13/18 (2006.01)
E04F 15/10 (2006.01)
 (87) WO2023/126440
 (31) 2030320 (32) 28.12.21 (33) NL
 (43) 06.07.2023
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 (11) AU-A-2022426645
 (21) 2022426645 (22) 28.12.2022
 (54) DECORATIVE PANEL AND METHOD OF PRODUCING SUCH A PANEL
 (51) Int. Cl.
E04F 15/10 (2006.01)
E04F 13/08 (2006.01)
E04F 13/18 (2006.01)
E04F 15/02 (2006.01)
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 (11) AU-A-2022407806

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F16G 13/16 (2006.01)
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- (71) ILLINOIS TOOL WORKS INC.
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 (54) MAGAZINE FOR A NAILING DEVICE, SUCH AS A PORTABLE NAILER AND NAILING DEVICE THEREFOR
 (51) Int. Cl.
B25C 1/00 (2006.01)
B25C 5/16 (2006.01)
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- (71) INARI MEDICAL, INC.
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 (54) DEVICES FOR REMOVING CLOT MATERIAL FROM INTRAVASCULARLY IMPLANTED DEVICES, AND ASSOCIATED SYSTEMS AND METHODS
 (51) Int. Cl.
A61B 17/22 (2006.01)
A61B 17/221 (2006.01)
 (87) WO2023/137341
 (31) 63/298,399 (32) 11.01.22 (33) US
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 (51) Int. Cl.
B02C 4/28 (2006.01)
B02C 25/00 (2006.01)
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- (71) INGETEAM POWER TECHNOLOGY, S.A.
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 (54) METHOD AND SYSTEM FOR CONTROLLING ELECTRONIC CONVERTERS
 (51) Int. Cl.
A23C 9/123 (2006.01)
A23C 9/16 (2006.01)
A23C 17/02 (2006.01)
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H02J 3/46 (2006.01)
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- (71) INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO., LTD.
 (11) AU-A-2022400798
 (21) 2022400798 (22) 22.11.2022
 (54) USE OF BIFIDOBACTERIUM LACTIS BL-99 IN PROTECTION OF CARTILAGE
 (51) Int. Cl.
A61K 35/745 (2015.01)
A23L 33/135 (2016.01)
A61P 19/00 (2006.01)
 (87) WO2023/098518
 (31) 202111453416.5 (32) 30.11.21 (33) CN
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 (11) AU-A-2022402036
 (21) 2022402036 (22) 30.11.2022
 (54) USE OF BIFIDOBACTERIUM LACTIS BL-99 IN PREVENTION AND/OR AMELIORATION OF GASTRITIS
 (51) Int. Cl.
A61K 35/745 (2015.01)
A23C 9/12 (2006.01)
A23L 33/135 (2016.01)
A61P 1/04 (2006.01)
 (87) WO2023/098764
 (31) 202111453430.5 (32) 30.11.21 (33) CN
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 (11) AU-A-2022402788
 (21) 2022402788 (22) 23.11.2022
 (54) NEW USE OF BIFIDOBACTERIUM INFANTIS YLGB-1496 IN ANTI-AGING AND IMPROVEMENT OF INNATE IMMUNITY
 (51) Int. Cl.
A23C 9/123 (2006.01)
A23C 9/16 (2006.01)
A23C 17/02 (2006.01)
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A23L 2/39 (2006.01)
A23L 2/52 (2006.01)
A61K 35/745 (2015.01)
A61P 37/04 (2006.01)
A61P 39/06 (2006.01)
C12N 1/20 (2006.01)
 (87) WO2023/098540
 (31) 202111453508.3 (32) 30.11.21 (33) CN
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 (11) AU-A-2022405415
 (21) 2022405415 (22) 07.12.2022
 (54) ANTIBODY BINDING TO BCMA AND USE THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07K 14/725 (2006.01)
C07K 19/00 (2006.01)
C12N 15/13 (2006.01)
C12N 15/62 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2023/104100
 (31) 202111487287.1 (32) 07.12.21 (33) CN
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 (21) 2023214176 (22) 24.01.2023
 (54) PROSTHESIS FOR HEART VALVE AND METHOD FOR CONSTRUCTING A COMPONENT THEREOF
 (51) Int. Cl.
A61F 2/24 (2006.01)
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 (43) 03.08.2023
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 (11) AU-A-2023215751
 (21) 2023215751 (22) 06.02.2023
 (54) METHOD AND DEVICE FOR DETERMINING WHETHER AN OILSEED, A NUT, IN PARTICULAR A HAZELNUT, OR A SEED IS RANCID
 (51) Int. Cl.
G01N 21/31 (2006.01)
B07C 5/342 (2006.01)
G01N 21/35 (2014.01)
 (87) WO2023/148692
 (31) A 50072/2022 (32) 07.02.22 (33) AT

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 (74) Integrated IP
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 (21) 2023213994 (22) 27.01.2023
 (54) POSITIVE DISPLACEMENT PUMPING MECHANISM WITH DOUBLE RESERVOIR
 (51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
 (87) WO2023/147452
 (31) 63/304,270 (32) 28.01.22 (33) US
 (43) 03.08.2023
 (72) KAMRAVA, Soroush; CARDINALI, Steven; ALLIS, Daniel
 (74) Davies Collison Cave Pty Ltd
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 (21) 2022418452 (22) 23.11.2022
 (54) BIN BAG DISPENSER
 (51) Int. Cl.
B65F 1/06 (2006.01)
 (87) WO2023/121820
 (31) 17/555,864 (32) 20.12.21 (33) US
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 (72) ISSA, Abdullah; KARICH, Eric
 (74) Ashutosh Choudhary
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- (71) ITRA WIRELESS AI, LLC
 (11) AU-A-2022426765
 (21) 2022426765 (22) 15.12.2022
 (54) INTELLIGENT WIRELESS NETWORK DESIGN SYSTEM
 (51) Int. Cl.
H04W 16/18 (2009.01)
B64C 39/02 (2023.01)
H04W 16/22 (2009.01)
B64C 39/00 (2023.01)
 (87) WO2023/129817
 (31) 17/566,612 (32) 30.12.21 (33) US
 (43) 06.07.2023
 (72) KHOMENKO, Andriy; KORMILITSIN, Maxim
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- (71) JAPAN TOBACCO INC.
 (11) AU-A-2023225437
 (21) 2023225437 (22) 27.02.2023
 (54) INDAZOLE COMPOUND AND PHARMACEUTICAL USE THEREOF
 (51) Int. Cl.
C07D 403/04 (2006.01)
A61K 31/416 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
A61P 21/00 (2006.01)
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 (11) AU-A-2022426018
 (21) 2022426018 (22) 27.12.2022
 (54) FUSION PROTEIN OF ANTI-TRANSFERRIN RECEPTOR ANTIBODY AND BIOACTIVE PROTEIN FOR SAFE GENE THERAPY
 (51) Int. Cl.
C12N 15/62 (2006.01)
A01K 67/027 (2006.01)
C12N 5/0735 (2010.01)
C12N 5/074 (2010.01)
C12N 5/0775 (2010.01)
C12N 5/0789 (2010.01)
C12N 5/0797 (2010.01)
C12N 5/10 (2006.01)
C12N 7/01 (2006.01)
C12N 15/12 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
 (87) WO2023/127879
 (31) 2021-214539 (32) 28.12.21 (33) JP
 (43) 06.07.2023
 (72) KINOSHITA, Masafumi; TAKAGI, Haruna; IIZUKA, Shunsuke; OHTSUKI, Kota; SONODA, Hiroyuki
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) JFE STEEL CORPORATION
 (11) AU-A-2022442457
 (21) 2022442457 (22) 01.12.2022
 (54) METHOD FOR REDUCING FINE IRON ORE
 (51) Int. Cl.
C21B 13/00 (2006.01)
C21B 11/00 (2006.01)
C21B 13/14 (2006.01)
F27D 17/00 (2006.01)
 (87) WO2023/162389
 (31) 2022-027271 (32) 24.02.22 (33) JP
 (43) 31.08.2023
 (72) NAKAHARA Yoshiko; TERUI Koki; OZAWA Sumito
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2023226266
 (21) 2023226266 (22) 16.01.2023
 (54) STEEL SHEET AND METHOD FOR PRODUCING SAME
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- (51) Int. Cl.
C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C22C 38/60 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (54) STEEL SHEET AND METHOD FOR PRODUCING SAME
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C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C22C 38/06 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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A61K 47/36 (2006.01)
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A61K 39/02 (2006.01)
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C25B 3/03 (2021.01)
B01J 23/80 (2006.01)
B01J 23/83 (2006.01)
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C25B 3/25 (2021.01)
C25B 3/26 (2021.01)
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B65D 88/06 (2006.01)
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(54) METHOD FOR CONSTRUCTING TRIPLE-SHELL TANK
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B65D 88/06 (2006.01)
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B65G 65/00 (2006.01)
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B65G 17/40 (2006.01)
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C09K 8/08 (2006.01)
C11D 3/12 (2006.01)
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B01J 23/00 (2006.01)
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B01J 23/46 (2006.01)
B01J 23/755 (2006.01)
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A47L 11/40 (2006.01)
G01B 21/02 (2006.01)
G01P 15/00 (2006.01)
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H01M 50/24 (2021.01)
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H01M 10/42 (2006.01)
H01M 50/211 (2021.01)
H01M 50/242 (2021.01)
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A61L 24/00 (2006.01)
A61K 8/18 (2006.01)
A61K 8/72 (2006.01)
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G06Q 10/06 (2023.01)
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G06Q 10/06 (2023.01)
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C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
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B62H 3/04 (2006.01)
B62H 5/00 (2006.01)
H02J 50/00 (2016.01)
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H02J 50/00 (2016.01)
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C12N 9/10 (2006.01)
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C12N 15/52 (2006.01)
C12N 15/81 (2006.01)
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A61F 2/34 (2006.01)
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A61F 2/40 (2006.01)
A61F 2/42 (2006.01)
A61F 2/30 (2006.01)
A61F 2/36 (2006.01)
C23C 14/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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A61K 47/68 (2017.01)
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C07K 14/64 (2006.01)
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 (51) Int. Cl.
A61K 8/66 (2006.01)

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A61Q 19/08 (2006.01)
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C12Q 1/6818 (2018.01)
G01N 33/532 (2006.01)
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ANOL AND APPARATUS FOR PRO-
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C07C 29/151 (2006.01)
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A61K 31/4155 (2006.01)
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A61K 35/12 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/63 (2006.01)
C12N 5/10 (2006.01)
C12N 15/85 (2006.01)
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G06N 3/04 (2023.01)
G06Q 10/04 (2023.01)
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B01D 61/36 (2006.01)
C07B 61/00 (2006.01)
C07C 29/152 (2006.01)
C07C 31/04 (2006.01)
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CORPORATION
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RIVATIVE OR SALT THEREOF, PEST
CONTROL AGENT CONTAINING
SAME, AND METHOD FOR USE
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C07D 211/90 (2006.01)
A01N 43/40 (2006.01)
A01N 43/42 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
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A01N 47/02 (2006.01)
A01P 5/00 (2006.01)
A01P 7/02 (2006.01)
A01P 7/04 (2006.01)
A01P 9/00 (2006.01)
A61K 31/45 (2006.01)
A61K 31/454 (2006.01)
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A61K 31/4709 (2006.01)
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A61P 33/00 (2006.01)
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(74) Griffith Hack
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C07D 491/048 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/28 (2006.01)
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A61L 15/26 (2006.01)
A61L 15/28 (2006.01)
A61L 15/38 (2006.01)
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B05C 13/02 (2006.01)
A61K 9/70 (2006.01)
B05B 12/20 (2018.01)
B05B 13/02 (2006.01)
B05B 15/80 (2018.01)
B05C 3/18 (2006.01)
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(54) CLEANSING, MOISTURIZING AND NON-IRRITATING TOPICAL COMPOSITIONS
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A61K 47/14 (2017.01)
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C09D 11/03 (2014.01)
B33Y 10/00 (2015.01)
B33Y 70/10 (2020.01)
B33Y 80/00 (2015.01)
C09D 11/04 (2006.01)
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G01N 33/574 (2006.01)
A61P 35/00 (2006.01)
G01N 33/68 (2006.01)
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A61F 13/15 (2006.01)
A61F 13/532 (2006.01)
A61F 13/537 (2006.01)
D04H 1/435 (2012.01)
D04H 1/559 (2012.01)
D04H 1/70 (2012.01)
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A61K 9/16 (2006.01)
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 31/445 (2006.01)
A61P 37/08 (2006.01)
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(54) METHOD OF SIMULATING THE FITTING OF IMPLANTABLE MEDICAL

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A61B 34/10 (2016.01)
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A01H 4/00 (2006.01)
A01C 1/02 (2006.01)
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H04W 72/02 (2009.01)
H04B 17/318 (2015.01)
H04W 76/14 (2018.01)
H04W 76/28 (2018.01)
H04W 4/40 (2018.01)
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(21) 2023217931 **(22)** 14.02.2023
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A61K 48/00 (2006.01)
A61K 9/00 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7052 (2006.01)
A61K 31/7105 (2006.01)
C12N 15/00 (2006.01)
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A01G 31/04 (2006.01)
A01G 31/06 (2006.01)
A01K 63/04 (2006.01)
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(72) PAY, BOK SING
(74) BRM Patent Attorneys Pty Ltd
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(54) IGA PROTEASE TRUNCATION, FUSION PROTEIN COMPRISING IGA PROTEASE TRUNCATION, AND USE THEREOF
(51) Int. Cl.
C12N 9/52 (2006.01)
A61K 38/48 (2006.01)
A61P 13/12 (2006.01)
A61P 37/00 (2006.01)
C12N 15/57 (2006.01)
(87) WO2023/143563
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(54) COMPOUNDS FOR TREATMENT OF HAIR LOSS
(51) Int. Cl.
A61P 17/14 (2006.01)
A61Q 7/00 (2006.01)
C07D 471/04 (2006.01)
(87) WO2023/130024
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(74) RnB IP
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(21) 2022425460 **(22)** 21.12.2022
(54) COMPOUNDS FOR TREATMENT OF HAIR LOSS
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
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- A61P 17/14** (2006.01)
(87) WO2023/129854
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(72) SUN, Daniel Lui; GIL, Daniel Walter
(74) RnB IP
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(54) PROCESS FOR THE PREPARATION OF DELTA-TOCOTRIENOL
(51) Int. Cl.
C07D 311/72 (2006.01)
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(72) CASTALDI, Graziano; CASTALDI, Michele; ZAMBON, Michele
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2022409850
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(54) COMPUTER-BASED SYSTEMS FOR ACQUIRING AND ANALYZING OBSERVATIONAL SUBJECT DATA
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G16B 40/00 (2019.01)
G16B 50/00 (2019.01)
G16H 10/20 (2018.01)
G16H 10/60 (2018.01)
G16H 20/10 (2018.01)
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(31) 63/290,208 **(32)** 16.12.21 **(33)** US
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023226340
(21) 2023226340 **(22)** 17.02.2023
(54) BLOOD GLUCOSE METER
(51) Int. Cl.
H01M 50/271 (2021.01)
G01N 33/66 (2006.01)
H01M 50/247 (2021.01)
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 F21S 6/00 (2006.01)
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A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
B65D 41/34 (2006.01)
B65D 41/04 (2006.01)
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- (43) 17.08.2023
(72) LOHRMAN, Richard D.
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E04H 4/06 (2006.01)
E04F 10/06 (2006.01)
E04F 13/04 (2006.01)
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(51) Int. Cl.
A23L 33/18 (2016.01)
A61K 9/00 (2006.01)
A61K 38/17 (2006.01)
A61K 38/19 (2006.01)
A61K 38/40 (2006.01)
A61P 3/00 (2006.01)
A61P 3/04 (2006.01)
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A61P 9/10 (2006.01)
A61P 19/08 (2006.01)
A61P 19/10 (2006.01)
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C07K 14/47 (2006.01)
C07K 14/79 (2006.01)
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(51) Int. Cl.
A23L 33/135 (2016.01)
A23L 33/21 (2016.01)
A61K 31/702 (2006.01)
A61P 1/00 (2006.01)
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(54) SUBSEA MEASUREMENT APPARATUS, METHOD OF COMPRESSING MEASUREMENT DATA AND METHOD OF PROVIDING INTER-COMPATIBILITY BETWEEN APPARATUS
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G06F 9/4401 (2018.01)
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(74) Baxter Patent Attorneys Pty Ltd
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(74) Madderns Pty Ltd
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(54) ELECTROSTATIC SPRAY DRIED OIL POWDERS AND PRODUCTION METHOD THEREOF
(51) Int. Cl.
A23P 10/35 (2016.01)
A23D 9/05 (2006.01)
A23P 10/47 (2016.01)
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(11) AU-A-2022429947
(21) 2022429947 (22) 30.12.2022
(54) PERMISSION-BASED CONTROLLING NETWORK ARCHITECTURES AND SYSTEMS, HAVING CELLULAR NETWORK COMPONENTS AND ELEMENTS MODIFIED TO HOST PER-

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

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(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 21/31 (2013.01)
G07C 9/00 (2020.01)

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 (74) LAMINAR IP PTY LTD

(71) STONE TREE INTERNATIONAL LIMITED

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 (21) 2022410653 (22) 09.12.2022
 (54) METHOD AND MEANS FOR PROCESSING BEVERAGES

(51) Int. Cl.
C12H 1/14 (2006.01)
B65D 25/14 (2006.01)
B65D 65/46 (2006.01)

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 (21) 2023274686 (22) 23.05.2023
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(51) Int. Cl.
A01N 25/02 (2006.01)
A01M 21/04 (2006.01)
A01N 37/40 (2006.01)
A01N 43/38 (2006.01)
A01N 43/54 (2006.01)
A01N 43/80 (2006.01)
A01N 43/84 (2006.01)
A01P 13/00 (2006.01)

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 (72) OKA, Atsushi
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C07D 401/14 (2006.01)
A61K 9/127 (2006.01)
A61K 31/497 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
A61K 45/00 (2006.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61K 47/34 (2017.01)
A61K 47/44 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
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B01J 20/30 (2006.01)
B01D 15/10 (2006.01)
B01D 15/26 (2006.01)
B01D 15/36 (2006.01)
B01J 20/26 (2006.01)
B01J 20/28 (2006.01)
C22B 3/24 (2006.01)
C22B 26/12 (2006.01)

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 (54) ORAL COMPOSITION HAVING INCREASED SWEETNESS

(51) Int. Cl.
A23L 27/00 (2016.01)
A23L 27/10 (2016.01)
A23L 27/30 (2016.01)

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 (21) 2023211761 (22) 26.01.2023
 (54) W/O/W EMULSION CONTAINING INOSITOL AND METHOD FOR PRODUCING SAME

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A61K 8/34 (2006.01)
A23L 33/10 (2016.01)
A61K 8/06 (2006.01)
A61K 8/81 (2006.01)
A61K 8/894 (2006.01)
A61K 8/92 (2006.01)
A61K 9/113 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/34 (2017.01)
A61K 47/44 (2017.01)
A61Q 19/00 (2006.01)

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 (74) Davies Collison Cave Pty Ltd

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A01K 5/01 (2006.01)
A01K 5/02 (2006.01)
A01K 15/02 (2006.01)
A01K 29/00 (2006.01)
B65D 25/38 (2006.01)

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 (54) PHARMACEUTICAL FORMULATIONS COMPRISING 3-(((4R)-7-{METHYL[4-(PROPAN-2-YL)PHENYL]AMINO}-3,4-DIHYDRO-2H-L-BENZOPYRAN-4-YL]METHYL)AMINO)PYRIDINE-4-CARBOXYLIC ACID

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A61K 31/33 (2006.01)
A61K 31/433 (2006.01)
A61K 31/44 (2006.01)

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(71) TAIYUAN UNIVERSITY OF TECHNOLOGY; TAIYUAN BOSHITONG MACHINERY, ELECTRICITY AND HYDRAULIC ENGINEERING CO., LTD.

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B66B 19/02 (2006.01)
B65H 51/18 (2006.01)
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) TEIJIN LIMITED
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 (54) CURING AGENT COMPOSITION FOR THERMOSETTING RESIN, EPOXY RESIN COMPOSITION, AND FIBER-REINFORCED COMPOSITE MATERIAL
 (51) Int. Cl.
C08G 59/50 (2006.01)
C08G 59/32 (2006.01)
C08J 5/04 (2006.01)
C08J 5/24 (2006.01)
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 (54) METHOD AND DEVICE FOR SUPPORTING REAL-TIME SERVICE
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H04L 67/62 (2022.01)
H04L 67/1014 (2022.01)
H04L 67/562 (2022.01)
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G01N 33/563 (2006.01)
A61K 39/395 (2006.01)
C07K 16/00 (2006.01)
C40B 40/10 (2006.01)
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 (54) COMPOSITIONS AND METHODS FOR TARGETED DELIVERY TO CELLS
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A61K 47/54 (2017.01)
A61K 47/69 (2017.01)
A61K 48/00 (2006.01)
A61K 9/51 (2006.01)
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 (54) NANOBODY-DRUG ADDUCTS AND USES THEREOF
 (51) Int. Cl.
C07K 16/44 (2006.01)
C07K 16/46 (2006.01)
A61P 37/02 (2006.01)
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 (54) BEVERAGE DISPENSING SYSTEM WITH PERSONALIZED HYDRATION RECOMMENDATIONS
 (51) Int. Cl.
G16H 20/10 (2018.01)
A61B 5/00 (2006.01)
A61B 5/103 (2006.01)
A61B 5/11 (2006.01)
G16H 10/60 (2018.01)
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 (54) MEDICAL DECISION SUPPORT SYSTEM WITH RULE-DRIVEN INTERVENTIONS
 (51) Int. Cl.
G16H 50/20 (2018.01)
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- G06N 5/02** (2023.01)
G06N 20/00 (2019.01)
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 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
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 (51) Int. Cl.
C22B 3/10 (2006.01)
B01J 38/02 (2006.01)
B01J 38/04 (2006.01)
C01G 9/04 (2006.01)
C01G 31/04 (2006.01)
C01G 39/04 (2006.01)
C01G 41/04 (2006.01)
C01G 45/06 (2006.01)
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 (72) ERLEBACHER, Jonah Daedalus; GREENIDGE, Gina Reba; LAKSHMAN, Shashank Vummidi; HORLYCK, Jonathan Luke
 (74) WRAYS PTY LTD
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 (11) AU-A-2022419653
 (21) 2022419653 (22) 23.12.2022
 (54) TETRAHYDROPYRAZOLOPYRIMIDINES AND RELATED ANALOGS FOR INHIBITING YAP/TAZ-TEAD
 (51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61K 31/519 (2006.01)
A61K 31/505 (2006.01)
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 (31) 63/293,538 (32) 23.12.21 (33) US
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 (74) FB Rice Pty Ltd
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- (71) THE KATHOLIEKE UNIVERSITEIT LEUVEN; SPRINGWORKS THERAPEUTICS INC.; VIB VZW
 (11) AU-A-2022420025
 (21) 2022420025 (22) 23.12.2022
 (54) TETRAHYDROBENZOAZEPINONES AND RELATED ANALOGS FOR INHIBITING YAP/TAZ-TEAD
 (51) Int. Cl.

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C07D 225/06 (2006.01)
C07D 215/12 (2006.01)
C07D 401/04 (2006.01)
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(31) 63/293,536 **(32)** 23.12.21 **(33)** US
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MARCHAND, Arnaud; CANDI, Aurélie;
VERSELE, Matthias
(74) FB Rice Pty Ltd
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LEUVEN; SPRINGWORKS THERA-
PEUTICS INC.; VIB VZW
(11) AU-A-2022421248
(21) 2022421248 **(22)** 23.12.2022
(54) INDOLES, INDAZOLES, AND RE-
LATED ANALOGS FOR INHIBITING
YAP/TAZ-TEAD
(51) Int. Cl.
C07D 209/04 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
C07D 405/04 (2006.01)
C07D 247/02 (2006.01)
C07D 401/10 (2006.01)
(87) WO2023/122782
(31) 63/293,537 **(32)** 23.12.21 **(33)** US
(43) 29.06.2023
(72) VANDERHOYDONCK, Bart;
MARCHAND, Arnaud; GWALTNEY
II, Stephen L.; SPIESER, Stéphane;
SMETS, Wim; CANDI, Aurélie;
VERSELE, Matthias
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OF CALIFORNIA
(11) AU-A-2022433633
(21) 2022433633 **(22)** 29.12.2022
(54) METHODS FOR IMPROVING PRO-
TEIN DELIVERY TO PLANT CELLS BY
BIOLISTICS
(51) Int. Cl.
C12N 15/82 (2006.01)
A61K 9/50 (2006.01)
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(31) 63/295,348 **(32)** 30.12.21 **(33)** US
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STASKAWICZ, Brian J.
(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2022403618 **(22)** 09.12.2022
(54) MODIFIED T CELL RECEPTORS AND
USES THEREOF
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
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C12N 5/0783 (2010.01)
C12N 15/85 (2006.01)
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(31) 2021903994 **(32)** 09.12.21 **(33)** AU
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(72) ULDRICH, Adam Peter; FULFORD,
Thomas Samuel; GHERARDIN, Nich-
olas Anthony; RIGAU CORTAL, Marc
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2022411859
(21) 2022411859 **(22)** 14.12.2022
(54) DIAGNOSTIC METHOD AND DEVICE
(51) Int. Cl.
G01N 33/543 (2006.01)
C12Q 1/48 (2006.01)
G01N 33/573 (2006.01)
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LTD.
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(21) 2022454233 **(22)** 29.11.2022
(54) PREPARATION METHOD FOR SOLAR
CELL AND SOLAR CELL
(51) Int. Cl.
H01L 31/18 (2006.01)
H01L 31/068 (2012.01)
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(74) James & Wells Intellectual Property
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LTD.
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METHOD THEREFOR
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- (71)** TOWARDPI (BEIJING) MEDICAL
TECHNOLOGY LTD.
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(54) EYE TRACKING METHOD AND AP-
PARATUS FOR ANTERIOR SEGMENT
OCTA, DEVICE, AND STORAGE ME-
DIUM
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G06V 10/44 (2022.01)
G06V 10/74 (2022.01)
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(74) GLMR
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- (71)** TRANSTHERA SCIENCES
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C07D 401/12 (2006.01)
A61K 31/502 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/504 (2006.01)
A61K 31/506 (2006.01)
A61K 31/53 (2006.01)
A61P 37/02 (2006.01)
C07D 237/26 (2006.01)
C07D 237/34 (2006.01)
C07D 253/07 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 409/12 (2006.01)
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(74) AJ PARK
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(54) SYSTEM AND METHOD FOR MAP-
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(51) Int. Cl.
G06T 7/00 (2017.01)
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CO. KG
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METHOD FOR MANUFACTURING AN
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B60H 1/00 (2006.01)
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(54) USE OF HETEROCYCLIC COMPOUND IN REDUCING ADVERSE REACTIONS CAUSED BY CHEMOTHERAPEUTIC DRUGS
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A61K 31/4439 (2006.01)
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A61K 31/4155 (2006.01)
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A61K 31/422 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 1/08 (2006.01)
A61P 1/12 (2006.01)
A61P 1/14 (2006.01)
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H01L 31/0352 (2006.01)
H01L 31/0392 (2006.01)
H01L 31/048 (2014.01)
H02S 40/34 (2014.01)
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G08G 1/00 (2006.01)
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(54) NANOPARTICLES FOR RELEASE OF NUCLEIC ACIDS
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(54) METHOD FOR WASHING AND FINISHING A GROWN CELL MASS
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C12N 5/077 (2010.01)
A23L 13/00 (2016.01)
A23L 13/60 (2016.01)
C12N 5/10 (2006.01)
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C10M 105/36 (2006.01)
F16C 33/10 (2006.01)
F16C 33/66 (2006.01)
C10N 30/02 (2006.01)
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C07K 14/195 (2006.01)
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A61K 39/39 (2006.01)
A61P 5/14 (2006.01)
C07K 7/00 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2023205915 (22) 06.01.2023
 (54) COMPOSITIONS AND METHODS FOR TREATMENT OF THYROID EYE DISEASE
 (51) Int. Cl.
C07K 16/28 (2006.01)
C07K 16/22 (2006.01)
A61K 39/39 (2006.01)
A61P 17/00 (2006.01)
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 (54) INTERCEPTED SYSTEM CALLS VALIDITY CHECK IN PARALLEL WITH THEIR EXECUTION
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G06F 21/53 (2013.01)
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 (54) ELECTRONIC DISPLAY DEVICE FOR DISPLAYING A MACHINE-READABLE CODE
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G06K 17/00 (2006.01)
G06F 3/147 (2006.01)
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G06Q 30/06 (2023.01)
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B01J 20/26 (2006.01)
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 (72) CULLY, Edward H.; SCOTTI, Christine M.
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 (54) PORTABLE PHYSICAL PARALLEL BAR SYSTEM
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A63B 3/00 (2006.01)
A63B 22/00 (2006.01)
A63B 22/08 (2006.01)
A63B 22/20 (2006.01)
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E21B 12/02 (2006.01)
E21B 17/10 (2006.01)
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G01N 3/56 (2006.01)
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B02C 17/18 (2006.01)
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 (54) DOWNHOLE VALVE DEVICE OF A DOWNHOLE COMPLETION SYSTEM
 (51) Int. Cl.
E21B 34/06 (2006.01)
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 (74) GLMR

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 (54) COMPOSITIONS AND METHODS FOR IMPROVING SEXUAL SENSORY DISORDERS
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A61Q 19/00 (2006.01)
A61K 9/70 (2006.01)
A61K 31/33 (2006.01)
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 (54) METHOD OF PREDICTING ADAS-
 COG SCORE
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G16H 50/20 (2018.01)
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 SCHELTER, Bjoern; SHAH, Devavrat;
 SHEN, Dennis; SHIELLS, Helen; WIS-
 CHIK, Claude Michel
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 (54) EXTENDED DEPTH-OF-FOCUS
 POSTERIOR CHAMBER PHAKIC IN-
 TRAOCULAR LENS AND PREPARA-
 TION METHOD THEREFOR
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G02C 7/04 (2006.01)
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 Zhenyu
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- (71) XDI HOLDINGS, LLC
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 (54) WATER, MINERALS AND COOLING
 GENERATION SYSTEM
 (51) Int. Cl.
B01D 3/38 (2006.01)
B01D 1/14 (2006.01)
B01D 5/00 (2006.01)
C02F 1/10 (2023.01)
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 LIMITED
 (11) AU-A-2022400919
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 UFACTURING BATTERY PACK, AND
 ELECTRIC APPARATUS
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H01M 10/6554 (2014.01)
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 Chengdong; YANG, Pengcheng
 (74) Jeremy Chee Meng Chew
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- (71) YANTAI LANNACHENG BIOTECHNO-
 LOGY CO., LTD.
 (11) AU-A-2023377940
 (21) 2023377940 (22) 06.11.2023
 (54) RGD DIMER COMPOUND, AND PRE-
 PARATION METHOD THEREFOR
 AND USE THEREOF
 (51) Int. Cl.
C07K 7/64 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
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 bao; WEN, Xuejun
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 METALS RESEARCH INSTITUTE CO.
 LTD OF CHALCO
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 (21) 2023312378 (22) 23.03.2023
 (54) INERT ANODE ALUMINUM ELEC-
 TROLYTIC CELL WITH VERTICAL
 STRUCTURE
 (51) Int. Cl.
C25C 3/08 (2006.01)
C25B 9/17 (2021.01)
C25C 3/12 (2006.01)
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- (71) ZINAI, A.E.B.A.
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 (54) LADDER COMPRISING AT LEAST
 ONE RAIL AND A PLURALITY OF
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E06C 1/52 (2006.01)
B63B 27/14 (2006.01)
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| 2021477689 | INDURAD GMBH | 2022407806 | IGUS GMBH |
| 2021478814 | TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) | 2022407809 | NEWSOUTH INNOVATIONS PTY LIMITED |
| 2021479214 | PAY, B.S.; CHIA, B.H. | 2022408088 | ALLEN, T. |
| 2021479218 | KIMBERLY-CLARK WORLDWIDE, INC. | 2022408104 | BIJOU CORP. |
| 2021480402 | SENTCELL LTD | 2022408746 | BEIJING HONGHUI MEDITECH CO., LTD |
| 2021480621 | OPELLA HEALTHCARE GROUP SAS | 2022408887 | MABWELL (SHANGHAI) BIOSCIENCE CO., LTD.; JI-ANGSU MABWELL HEALTH PHARMACEUTICAL R&D CO., LTD. |
| 2021480811 | VUSIONGROUP GMBH | | |
| 2021481532 | COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN | 2022409722 | WELLTEC MANUFACTURING CENTER COMPLE-TIONS APS |
| 2021481663 | VUSIONGROUP SA | 2022409793 | OCUSOFT, INC. |
| 2022395071 | ALAUDA AERONAUTICS PTY LTD | 2022409850 | PGI DRUG DISCOVERY LLC |
| 2022399996 | DEPUY SYNTHES PRODUCTS, INC. | 2022410229 | SONARDYNE INTERNATIONAL LIMITED |
| 2022400175 | BAYER AKTIENGESELLSCHAFT | 2022410335 | MEDIMMUNE LIMITED |
| 2022400182 | OMYA INTERNATIONAL AG | 2022410611 | ALVEOLUS BIO, INC. |
| 2022400237 | SANOFI | 2022410653 | STONE TREE INTERNATIONAL LIMITED |
| 2022400256 | ONTEX BV; ONTEX GROUP NV | 2022410917 | WAREOLOGIE, INC. |
| 2022400257 | AFFIOLOGIC | 2022411461 | SIGNET THERAPEUTICS INC. |
| 2022400465 | SERVATUS LTD | 2022411859 | TOKAORA DIAGNOSTICS LIMITED |
| 2022400766 | SCHLAGE LOCK COMPANY LLC | 2022412776 | TSINGHUA UNIVERSITY |
| 2022400798 | INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTI-TUTE CO., LTD. | 2022412788 | LNCTAC CO., LTD. |
| | | 2022413478 | HITACHI ENERGY LTD |
| 2022400837 | EASTERN VIRGINIA MEDICAL SCHOOL | 2022413540 | KINNATE BIOPHARMA INC. |
| 2022400919 | XIAMEN AMPACK TECHNOLOGY LIMITED | 2022413620 | DEUTSCHES ZENTRUM FÜR LUFT- UND RAUM-FAHRT E.V. |
| 2022401503 | BAHRI, B. | 2022414276 | RAI STRATEGIC HOLDINGS, INC. |
| 2022401687 | XDI HOLDINGS, LLC | 2022415126 | TUBESOLAR AG |
| 2022401697 | HO SPORTS COMPANY, LLC | 2022415443 | ALVEOLUS BIO, INC. |
| 2022402036 | INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTI-TUTE CO LTD | 2022416272 | FORTVITA BIOLOGICS (SINGAPORE) PTE. LTD. |
| | | 2022416283 | PPC BROADBAND, INC. |
| 2022402166 | MATHYS AG BETTLACH | 2022416375 | BIOAFFINITY TECHNOLOGIES, INC. |
| 2022402318 | MYENERGI LIMITED | 2022416832 | CURASIGHT A/S |
| 2022402334 | SANOFI | 2022416990 | CENTRAL ADELAIDE LOCAL HEALTH NETWORK INC; UNIVERSITY OF SOUTH AUSTRALIA; THE UNI-VERSITY OF ADELAIDE |
| 2022402342 | UNIVERSITE CLAUDE BERNARD LYON 1; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; HOSPICES CIVILS DE LYON; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); UNIVERSITA DEGLI STUDI DI VERONA | 2022417467 | ALPHA TAU MEDICAL LTD. |
| 2022402545 | DEPUY SYNTHES PRODUCTS, INC. | 2022418452 | ISSA, A.; KARICH, E. |
| 2022402788 | INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTI-TUTE CO LTD | 2022419159 | FLY-R |
| | | 2022419221 | FARMINSECT GMBH |
| 2022402990 | HOLOGIC, INC. | 2022419374 | TACHYON THERAPEUTICS, INC. |
| 2022403145 | AMO GRONINGEN B.V. | 2022419375 | THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE ARMY |
| 2022403148 | AMO GRONINGEN B.V. | 2022419653 | THE KATHOLIEKE UNIVERSITEIT LEUVEN; SPRING-WORKS THERAPEUTICS INC.; VIB VZW |
| 2022403179 | AUTOSHORE LTD | 2022419975 | TUSIMPLE, INC. |
| 2022403615 | AUSTRALIAN NATIONAL UNIVERSITY | 2022420025 | THE KATHOLIEKE UNIVERSITEIT LEUVEN; SPRING-WORKS THERAPEUTICS INC.; VIB VZW |
| 2022403618 | THE UNIVERSITY OF MELBOURNE | 2022420471 | ABSCI CORPORATION |
| 2022403827 | KASHIV BIOSCIENCES, LLC | 2022420494 | ABSCI CORPORATION |
| 2022404329 | QINGDAO HAIER WASHING ELECTRIC APPLIANCE CO., LTD; HAIER SMART HOME CO., LTD. | 2022420862 | BREX INC. |
| | | 2022421129 | PPG INDUSTRIES OHIO, INC. |
| 2022404994 | BUSHNELL INC. | 2022421154 | RESEARCH TRIANGLE INSTITUTE |
| 2022405058 | GLOFISH, LLC | 2022421248 | THE KATHOLIEKE UNIVERSITEIT LEUVEN; SPRING-WORKS THERAPEUTICS INC.; VIB VZW |
| 2022405403 | QINGDAO HAIER LAUNDRY ELECTRIC APPLI-ANCES CO., LTD.; HAIER SMART HOME CO., LTD. | 2022421530 | BREX INC. |
| | | 2022421580 | SUMITOMO PHARMA CO., LTD. |
| 2022405415 | INNOVENT BIOLOGICS (SUZHOU) CO., LTD. | 2022421642 | CROPTIDE LTD |
| 2022405474 | GLUETACS THERAPEUTICS (SHANGHAI) CO., LTD. | 2022421954 | 2MS MINING PTY LTD |
| 2022405537 | CYTOSITE BIOPHARMA INC. | 2022422062 | CJ CHEILJEDANG CORPORATION |
| 2022406879 | MARINER 3S AG | 2022422574 | CERENO SCIENTIFIC AB |
| 2022406948 | TOWARDPI (BEIJING) MEDICAL TECHNOLOGY LTD. | 2022423368 | SHANGHAI MAXINOVEL PHARMACEUTICALS CO., LTD. |
| 2022406986 | COVESTRO DEUTSCHLAND AG | | |
| 2022407133 | ZINAI, A.E.B.A. | 2022423978 | CHENGDU ORIGEN BIOTECHNOLOGY CO., LTD. |
| 2022407284 | AIR PRODUCTS AND CHEMICALS, INC. | 2022423988 | DEVELOPMENT CENTER FOR BIOTECHNOLOGY |
| 2022407451 | CYTOSITE BIOPHARMA INC. | 2022424022 | PELAGE PHARMACEUTICALS, INC. |
| 2022407529 | COULTER VENTURES, LLC | 2022424157 | BEIJING AVISTONE BIOTECHNOLOGY CO., LTD. |
| 2022407545 | LIKARDA, LLC | 2022424377 | I4F LICENSING NV |
| 2022407548 | AAVANTIBIO, INC. | 2022424423 | KAWASAKI JUKOGYO KABUSHIKI KAISHA |
| 2022407702 | FAIVELEY TRANSPORT TOURS | | |

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| 2022424463 | NIHON NOHYAKU CO., LTD.; ADEKA CORPORATION | 2022439111 | SERVICENOW, INC. |
| 2022424493 | SUNTORY HOLDINGS LIMITED | 2022439513 | INGETEAM POWER TECHNOLOGY, S.A. |
| 2022424925 | FIDELITY INFORMATION SERVICES, LLC | 2022442457 | JFE STEEL CORPORATION |
| 2022424982 | CATERPILLAR INC. | 2022443403 | CATHETER PRECISION, INC. |
| 2022425197 | COMFORTEX CORPORATION | 2022454233 | TONGWEI SOLAR (CHENGDU) CO., LTD. |
| 2022425198 | ATAI THERAPEUTICS, INC. | 2022454520 | BENDITO VALLORI, S.E. |
| 2022425201 | THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM | 2022454569 | TONGWEI SOLAR (CHENGDU) CO., LTD. |
| 2022425221 | RUIJIE NETWORKS CO., LTD. | 2022463050 | PEPTINOVO BIOPHARMA INC. |
| 2022425312 | BEIJING SOLOBIO GENETECHNOLOGY CO., LTD. | 2022466437 | SHENZHEN SINOHF TECHNOLOGY GROUP CO., LTD. |
| 2022425460 | PELAGE PHARMACEUTICALS, INC. | 2022482771 | ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD. |
| 2022425495 | ADVANTA HOLDINGS B.V. | 2023202177 | SHIONOGI & CO., LTD. |
| 2022425503 | OXFORD HEARTBEAT LTD. | 2023203820 | TAIYUAN UNIVERSITY OF TECHNOLOGY; TAIYUAN BOSHITONG MACHINERY, ELECTRICITY AND HYDRAULIC ENGINEERING CO., LTD. |
| 2022425519 | MESO SCALE TECHNOLOGIES, LLC. | 2023204426 | AXONICS, INC. |
| 2022425547 | UPSIDE FOODS, INC. | 2023204432 | ENGRAIL THERAPEUTICS, INC. |
| 2022425572 | I4F LICENSING NV | 2023204433 | ENGRAIL THERAPEUTICS, INC. |
| 2022425700 | MOEBIUS MEDICAL LTD.; YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD. | 2023204491 | RKMI, LLC |
| 2022425740 | BEIJING ETECHWIN ELECTRIC CO., LTD. | 2023204758 | APPLIED MEDICAL RESOURCES CORPORATION |
| 2022425926 | KAWASAKI JUKOGYO KABUSHIKI KAISHA | 2023204770 | BLOSSOMHILL THERAPEUTICS, INC. |
| 2022426004 | ADEKA CORPORATION; NIHON NOHYAKU CO., LTD. | 2023204824 | REVOLUTION MEDICINES, INC. |
| 2022426018 | JCR PHARMACEUTICALS CO., LTD. | 2023204926 | LESAFFRE ET COMPAGNIE |
| 2022426458 | BREX INC. | 2023205011 | TRIANGULATE LABS, INC. |
| 2022426459 | CATERPILLAR GLOBAL MINING EQUIPMENT LLC | 2023205048 | NODTHERA LIMITED |
| 2022426492 | ENALARE THERAPEUTICS INC. | 2023205092 | VANTAGE SANTOLUBES RESEARCH, LLC |
| 2022426506 | ADLAI NORTYE BIOPHARMA CO., LTD. | 2023205108 | TENTARIX BIOTHERAPEUTICS, INC. |
| 2022426645 | I4F LICENSING NV | 2023205152 | KINIKA PHARMACEUTICALS, LTD.; UNIVERSITY OF MARYLAND, BALTIMORE |
| 2022426683 | SPRAYING SYSTEMS CO. | 2023205153 | VIRSEC SYSTEMS, INC. |
| 2022426693 | GOOGLE LLC | 2023205229 | THE COCA-COLA COMPANY |
| 2022426765 | ITRA WIRELESS AI, LLC | 2023205236 | PAIRWISE PLANTS SERVICES, INC. |
| 2022426779 | CO-DIAGNOSTICS, INC. | 2023205258 | CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD. |
| 2022427070 | KAWASAKI JUKOGYO KABUSHIKI KAISHA | 2023205375 | TRANSTHERA SCIENCES (NANJING), INC. |
| 2022427703 | BREX INC. | 2023205459 | BLUE EARTH DIAGNOSTICS LIMITED |
| 2022427704 | BREX INC. | 2023205588 | HUAWEI TECHNOLOGIES CO., LTD. |
| 2022427707 | CATERPILLAR INC. | 2023205732 | RAULAND-BORG CORPORATION |
| 2022428182 | ADEKA CORPORATION; NIHON NOHYAKU CO., LTD. | 2023205755 | THE JOHNS HOPKINS UNIVERSITY |
| 2022428605 | ADEKA CORPORATION; NIHON NOHYAKU CO., LTD. | 2023205789 | VIRIDIAN THERAPEUTICS, INC. |
| 2022428735 | LONGI GREEN ENERGY TECHNOLOGY CO., LTD. | 2023205807 | SENSORY CLOUD, LLC |
| 2022428781 | HUAWEI TECHNOLOGIES CO., LTD. | 2023205809 | VIRSEC SYSTEMS, INC. |
| 2022428832 | CJ CHEILJEDANG CORPORATION | 2023205854 | EXTREMITY MEDICAL, LLC |
| 2022429313 | CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD. | 2023205879 | RED VALVE COMPANY, INC. |
| 2022429465 | WISTA LABORATORIES LTD. | 2023205915 | VIRIDIAN THERAPEUTICS, INC. |
| 2022429495 | CATERPILLAR GLOBAL MINING EQUIPMENT LLC | 2023205941 | BRIGHT MINDS BIOSCIENCES INC. |
| 2022429651 | LYFT, INC. | 2023206304 | SCHLAPIK, K.D. |
| 2022429947 | STARKEYS LLC | 2023206857 | BRAINSWAY LTD |
| 2022429962 | MASONITE CORPORATION | 2023206880 | UNIVERSITY OF CINCINNATI |
| 2022430396 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2023206940 | CLEARBRIEF, INC. |
| 2022430567 | CATERPILLAR INC. | 2023206948 | BOTBUILT, INC. |
| 2022430664 | AGSENSIO PTY LTD | 2023206954 | LINEAGE LOGISTICS, LLC |
| 2022430929 | SMART FENCE LTD | 2023207069 | LINEAGE LOGISTICS, LLC |
| 2022431160 | PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA | 2023207084 | WINSANTOR, INC. |
| 2022431183 | BAKER HUGHES OILFIELD OPERATIONS LLC | 2023207583 | BERKOS FÖRSÄLJNING AB |
| 2022431668 | PROMAXO, INC. | 2023207962 | LINEAGE LOGISTICS, LLC |
| 2022431986 | GECO STRATEGIC WEED MANAGEMENT INC. | 2023207967 | SARTORIUS STEDIM NORTH AMERICA INC.; SOELDNER, R.; AUSTERJOST, J.; SABALLUS, M. |
| 2022432272 | LG ELECTRONICS INC. | 2023208007 | CONVERGENCE MEDICAL SCIENCES LTD. |
| 2022433633 | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA | 2023208030 | INARI MEDICAL, INC. |
| 2022434160 | CHANGCHUN SINOBIO MATERIALS CO., LTD. | 2023208041 | NAVI BIO-THERAPEUTICS, INC. |
| 2022434185 | CHUCAO TECHNOLOGY CONSULTANTS SPA | 2023208679 | ILLINOIS TOOL WORKS INC. |
| 2022434861 | GUANGZHOU HEYGears IMC.INC | 2023209132 | BRAIN BIOTECH AG |
| 2022435053 | KO, J.H. | 2023209157 | SEVER PHARMA SOLUTIONS |
| 2022435236 | SHENZHEN HABITAT TECHNOLOGY CO., LTD. | 2023209259 | CHUGAI SEIYAKU KABUSHIKI KAISHA; F. HOFFMANN-LA ROCHE AG; GENENTECH, INC. |
| 2022435285 | TRUMA GERÄTE TECHNIK GMBH & CO. KG | 2023209431 | DRAGONFLY OPTICS LLC |
| 2022435732 | AQUASmart ENTERPRISES, LLC | 2023209437 | ECOLAB USA INC. |
| 2022435931 | FREIE UNIVERSITÄT BERLIN | 2023209439 | THE CHILDREN'S MEDICAL CENTER CORPORATION |
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| 2023209784 | AS AMERICA, INC. | 2023230790 | AVALO, INC. |
| 2023209853 | GENTEX CORPORATION | 2023232151 | MASIMO CORPORATION |
| 2023209877 | BIOCONSORTIA, INC. | 2023234289 | CIPHERTRACE, INC. |
| 2023210036 | CONEX IPR LIMITED | 2023236286 | FLAGSHIP PIONEERING INNOVATIONS V, INC. |
| 2023210448 | SEVER PHARMA SOLUTIONS | 2023238615 | KNAPP SYSTEMINTEGRATION GMBH |
| 2023210461 | CALLIDITAS THERAPEUTICS AB | 2023238805 | JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG |
| 2023210706 | UNIVERSITEIT GENT | 2023239885 | MITSUBISHI GAS CHEMICAL COMPANY, INC. |
| 2023210789 | PEKING UNIVERSITY FIRST HOSPITAL; SHANGHAI ALEZYME PHARMACEUTICALS LTD. | 2023240513 | NOVARTIS AG |
| 2023211061 | BRAUN GMBH | 2023240827 | BIO ADVENTURE CO., LTD. |
| 2023211443 | BOCKATECH LTD | 2023248268 | HUSQVARNA AB |
| 2023211458 | ESPERA WERKE GMBH | 2023251822 | UNIVERSITÄT ZÜRICH |
| 2023211761 | SUNTORY HOLDINGS LIMITED | 2023258397 | JINYUBAOLING BIO-PHARMACEUTICAL CO., LTD |
| 2023211773 | KUHN SAS | 2023264850 | ECHION TECHNOLOGIES LIMITED |
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| 2023212015 | ELI LILLY AND COMPANY | 2023272986 | SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES |
| 2023212018 | BATTELLE MEMORIAL INSTITUTE | 2023274686 | SUMITOMO CHEMICAL COMPANY, LIMITED |
| 2023212020 | RESEARCH TRIANGLE INSTITUTE | 2023275531 | PROVENTION BIO, INC. |
| 2023212935 | HELIOPEN HOLDINGS, INC. | 2023312378 | ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO. LTD OF CHALCO |
| 2023212982 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY; AGRICULTURAL GENOMICS INSTITUE AT SHEN-ZHEN, CHINESE ACADEMY OF AGRICULTURAL SCIENCES | 2023373268 | LG CHEM, LTD. |
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| 2023213222 | WEAR DETECTION TECHNOLOGIES PTY LTD | 2023377940 | YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD. |
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| 2023213576 | EDWARDS LIFESCIENCES CORPORATION | 2023387756 | WUXI VISION PRO LTD. |
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| 2023213750 | CITRACHEM CORP. | | |
| 2023213937 | BRISTOL-MYERS SQUIBB COMPANY | | |
| 2023213963 | ARGENX BV; UNIVERSITÉ DE MONTRÉAL; NEW YORK UNIVERSITY | | |
| 2023213994 | INSULET CORPORATION | | |
| 2023214045 | VENN BIOSCIENCES CORPORATION | | |
| 2023214116 | GENMAB A/S | | |
| 2023214176 | INNOVHEART S.R.L. | | |
| 2023214744 | RASMUSSEN, J.D. | | |
| 2023215281 | GRAPHIC PACKAGING INTERNATIONAL, LLC | | |
| 2023215284 | EVOQUA WATER TECHNOLOGIES LLC | | |
| 2023215488 | GENENTECH, INC. | | |
| 2023215751 | INSORT GMBH | | |
| 2023216680 | ONCOCYTE CORPORATION | | |
| 2023216924 | LAITRAM, L.L.C. | | |
| 2023217115 | SHANDONG HENGLU BIOTECH CO., LTD | | |
| 2023217913 | QUANTWARE HOLDING B.V. | | |
| 2023217931 | PANTHERNA THERAPEUTICS GMBH | | |
| 2023218328 | GENERAL MILLS, INC. | | |
| 2023219700 | SILGAN WHITE CAP LLC | | |
| 2023220484 | NGK INSULATORS, LTD. | | |
| 2023220589 | HUSQVARNA AB | | |
| 2023221990 | RONAWK, INC. | | |
| 2023222082 | T.F.H. PUBLICATIONS, INC. | | |
| 2023222542 | JOHNSON MATTHEY PUBLIC LIMITED COMPANY | | |
| 2023223376 | ARRIS ENTERPRISES LLC | | |
| 2023224210 | AMGEN INC. | | |
| 2023224294 | GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG | | |
| 2023224315 | ELAFLEX HIBY GMBH & CO. KG | | |
| 2023224326 | SOCIÉTÉ DES PRODUITS NESTLÉ S.A. | | |
| 2023224388 | MERZ PHARMA GMBH & CO. KGAA | | |
| 2023224961 | E INK CORPORATION | | |
| 2023225121 | SOCIÉTÉ DES PRODUITS NESTLÉ S.A. | | |
| 2023225437 | JAPAN TOBACCO INC. | | |
| 2023225930 | E INK CORPORATION | | |
| 2023225988 | WEIR MINERALS AUSTRALIA LIMITED | | |
| 2023226266 | JFE STEEL CORPORATION | | |
| 2023226269 | JFE STEEL CORPORATION | | |
| 2023226340 | PHC HOLDINGS CORPORATION | | |
| 2023227368 | MODAG GMBH | | |
| 2023227370 | FRESENIUS KABI DEUTSCHLAND GMBH | | |
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| <u>A01K 63 /-</u> | <u>A23J 1 /-</u> | <u>A41D 31 /-</u> | <u>A61K 48 /-</u> | | |
| 2021479214 2022405058 | 2022424463 | 2023220589 | 2022402342 2022407548 2022412788 2022423978 2022425201 2023209132 2023217931 2023240827 | | |
| <u>A01K 67 /-</u> | <u>A23J 3 /-</u> | <u>A47K 10 /-</u> | <u>A61K 49 /-</u> | | |
| 2022405058 2022419221 2022426018 | 2022402036 2022402788 | 2021479218 | 2022405537 2022425700 | | |
| <u>A01M 21 /-</u> | <u>A23L 10 /-</u> | <u>A47L 11 /-</u> | <u>A61K 51 /-</u> | | |
| 2023274686 | 2022426683 | 2022432272 | 2022416832 2023205459 2023377940 | | |
| <u>A01N 25 /-</u> | <u>A23K 10 /-</u> | <u>A61B 1 /-</u> | <u>A61K 8 /-</u> | | |
| 2023274686 | 2023218328 | 2022435053 | 2022407545 2023211761 2023224388 | | |
| <u>A01N 37 /-</u> | <u>A23K 20 /-</u> | <u>A61B 10 /-</u> | | | |
| 2022426004 2022428605 2023274686 | 2023218328 | 2022402990 | | | |
| <u>A01N 43 /-</u> | | | | | |
| 2022400175 | 2022422062 | | | | |

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

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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <u>A61K 9 /-</u> | | <u>A61P 3 /-</u> | | <u>B01D 67 /-</u> | <u>B05B 13 /-</u> |
| 2021480621 | | 2023224326 | | 2022403615 | 2023230199 |
| 2022400465 | <u>A61N 2 /-</u> | 2023275531 | | | |
| 2022402342 | 2023206857 | | <u>A61P 5 /-</u> | <u>B01D 71 /-</u> | <u>B05B 15 /-</u> |
| 2022409793 | | | 2023205789 | | |
| 2022410611 | <u>A61N 5 /-</u> | <u>A61P 31 /-</u> | | 2022403615 | 2023230199 |
| 2022415443 | 2022417467 | 2022403618 | <u>A61P 7 /-</u> | | |
| 2022421580 | 2023209431 | 2022422062 | 2022416990 | <u>B01F 23 /-</u> | <u>B05C 13 /-</u> |
| 2022425201 | | 2022425312 | 2022422574 | | |
| 2022425700 | <u>A61P 1 /-</u> | 2023202177 | | 2022434185 | 2023230199 |
| 2022426506 | 2022400465 | 2023205048 | <u>A61P 9 /-</u> | | |
| 2022433633 | 2022402036 | | 2022407548 | <u>B01F 25 /-</u> | <u>B05C 3 /-</u> |
| 2023202177 | 2022412776 | <u>A61P 33 /-</u> | 2022408746 | 2022434185 | 2023230199 |
| 2023205807 | 2023225121 | 2022424463 | 2022410335 | | |
| 2023207084 | | 2022426004 | 2023204770 | <u>B01F 33 /-</u> | <u>B07C 5 /-</u> |
| 2023209157 | <u>A61P 11 /-</u> | 2022428605 | 2023212015 | | |
| 2023210448 | 2022410335 | 2023240513 | 2023224326 | 2022434185 | 2023215751 |
| 2023210461 | 2022415443 | | 2023225437 | | |
| 2023211761 | 2022426492 | <u>A61P 35 /-</u> | | <u>B01J 20 /-</u> | <u>B22D 11 /-</u> |
| 2023217931 | 2023202177 | 2022402334 | <u>A61Q 19 /-</u> | 2023213677 | 2023210036 |
| 2023224326 | 2023225437 | 2022403618 | 2023207084 | 2024201908 | |
| 2023227368 | | 2022403827 | 2023211761 | | <u>B23D 45 /-</u> |
| 2023230199 | <u>A61P 13 /-</u> | 2022405415 | 2023224388 | <u>B01J 21 /-</u> | 2023248268 |
| 2023258397 | 2023210461 | 2022405474 | | 2023373268 | |
| | 2023210789 | 2022408887 | <u>A61Q 7 /-</u> | | <u>B23D 47 /-</u> |
| <u>A61L 15 /-</u> | | 2022411461 | 2022424022 | <u>B01J 23 /-</u> | 2023248268 |
| 2023230196 | <u>A61P 15 /-</u> | 2022413540 | | 2023222542 | |
| | 2023209157 | 2022416272 | <u>A63B 21 /-</u> | 2023373268 | <u>B25C 1 /-</u> |
| <u>A61L 24 /-</u> | 2023210448 | 2022416832 | 2022407529 | | 2023208679 |
| 2022407545 | 2023251822 | 2022416990 | | <u>B01J 37 /-</u> | |
| | | 2022421580 | <u>A63B 22 /-</u> | 2023222542 | <u>B25C 5 /-</u> |
| <u>A61L 31 /-</u> | <u>A61P 17 /-</u> | 2022423368 | 2022410917 | 2023373268 | 2023208679 |
| 2023230196 | 2022424022 | 2022424157 | | | |
| | 2022425460 | 2022426506 | <u>A63B 3 /-</u> | <u>B01J 38 /-</u> | <u>B25F 5 /-</u> |
| <u>A61M 15 /-</u> | 2023205915 | 2023204824 | 2022410917 | 2023205755 | 2023248268 |
| 2022415443 | <u>A61P 19 /-</u> | 2023205048 | | | |
| | 2023208041 | 2023205915 | <u>A63B 55 /-</u> | <u>B02C 17 /-</u> | <u>B25J 5 /-</u> |
| <u>A61M 21 /-</u> | 2022400798 | 2023208041 | 2023213099 | 2023225988 | 2023206948 |
| 2023209431 | 2022423978 | 2023213937 | 2023214116 | | |
| | 2022434160 | 2023213937 | 2023215488 | <u>B02C 23 /-</u> | <u>B25J 9 /-</u> |
| <u>A61M 25 /-</u> | 2023224326 | 2023215488 | <u>A63F 9 /-</u> | 2022421954 | 2023206948 |
| 2023236286 | <u>A61P 21 /-</u> | 2023216680 | 2023206304 | | |
| | 2022434160 | 2023224210 | | <u>B02C 25 /-</u> | <u>B28D 1 /-</u> |
| <u>A61M 31 /-</u> | 2022400837 | 2023377940 | <u>B01D 1 /-</u> | 2021477689 | 2023248268 |
| 2022400837 | 2023213963 | | 2022401687 | | |
| | 2023225437 | <u>A61P 37 /-</u> | <u>B01D 15 /-</u> | <u>B02C 4 /-</u> | <u>B29C 44 /-</u> |
| <u>A61M 37 /-</u> | <u>A61P 25 /-</u> | 2021480621 | 2024201908 | 2021477689 | 2023211443 |
| 2022400837 | 2022425198 | 2022402788 | | | |
| | 2022434160 | 2022405415 | <u>B01D 3 /-</u> | <u>B02C 7 /-</u> | <u>B29C 64 /-</u> |
| <u>A61M 39 /-</u> | 2023204432 | 2022422062 | 2022401687 | 2022421954 | 2022421129 |
| 2023227370 | 2023205048 | 2023204770 | | | 2022434861 |
| | 2023205048 | 2023205048 | <u>B01D 5 /-</u> | <u>B03B 7 /-</u> | <u>B32B 5 /-</u> |
| <u>A61M 5 /-</u> | 2023209259 | 2023205152 | 2022401687 | 2022482771 | 2023220589 |
| 2022400837 | 2023227368 | 2023205375 | | | |
| 2023213994 | 2023238805 | 2023209259 | <u>B01D 53 /-</u> | <u>B03B 9 /-</u> | <u>B33Y 10 /-</u> |
| 2023227370 | <u>A61P 27 /-</u> | 2023209439 | 2023212018 | 2022482771 | 2022400182 |
| | 2022423978 | 2023210789 | | | |
| <u>A61M 60 /-</u> | 2022423978 | 2023225437 | <u>B01D 61 /-</u> | <u>B05B 12 /-</u> | <u>B33Y 70 /-</u> |
| 2023211782 | <u>A61P 29 /-</u> | | 2023220484 | 2023230199 | 2022400182 |
| | 2022412776 | <u>A61P 43 /-</u> | | | |
| <u>A61N 1 /-</u> | 2022426506 | 2022421580 | | | |
| 2023204426 | 2023224326 | 2023202177 | | | |
| | | 2023205807 | | | |

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|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| B33Y 80 /- | B63C 11 /- | B65G 1 /- | C01G 9 /- | C07C 57 /- | C07D 251 /- |
| 2022400182 | 2023213507 | 2023207069 | 2023205755 | 2023215488 | 2022426492 |
| B41F 16 /- | B63C 7 /- | 2023238615 | C02F 1 /- | C07D 205 /- | C07D 253 /- |
| 2023267801 | 2023213507 | B65G 17 /- | 2022401687 | 2023213750 | 2023205375 |
| B44C 1 /- | B63G 8 /- | 2023216924 | 2023215284 | C07D 207 /- | C07D 277 /- |
| 2022424377 | 2023213507 | B65G 43 /- | C02F 3 /- | 2023204432 | 2022426004 |
| B60C 11 /- | B64C 11 /- | 2023238615 | 2023215284 | 2023212015 | C07D 307 /- |
| 2021481532 | 2022395071 | B65G 47 /- | C07B 61 /- | 2023212020 | 2023212020 |
| B60H 1 /- | B64C 29 /- | 2023238615 | 2023220484 | C07D 209 /- | 2023224294 |
| 2022435285 | 2022395071 | B65G 65 /- | C07C 13 /- | 2022405474 | C07D 309 /- |
| B60L 1 /- | B64C 39 /- | 2023238615 | 2022425198 | 2022421248 | C07D 309 /- |
| 2022407702 | 2022395071 | B65H 51 /- | C07C 235 /- | C07D 211 /- | 2022428182 |
| B60L 5 /- | B64D 27 /- | 2023203820 | 2022426004 | 2022424463 | C07D 311 /- |
| 2022407702 | 2022395071 | 2022426765 | 2022428605 | C07D 213 /- | 2022428182 |
| B60L 58 /- | B64D 47 /- | B66B 19 /- | 2023212020 | 2022426004 | 2022463050 |
| 2022430567 | 2022395071 | 2023203820 | C07C 29 /- | 2022428605 | C07D 317 /- |
| B60M 1 /- | B64U 30 /- | 2023203820 | 2023220484 | 2023212020 | 2022426004 |
| 2022407702 | 2022395071 | B67D 7 /- | 2023239885 | C07D 215 /- | 2022428605 |
| B62H 3 /- | B64U 50 /- | 2023224315 | C07C 309 /- | 2022420025 | C07D 333 /- |
| 2022429651 | 2022395071 | B81C 1 /- | 2023215488 | C07D 217 /- | 2022426004 |
| B62H 5 /- | B64U 70 /- | 2022403615 | C07C 31 /- | 2022425198 | 2023212020 |
| 2022429651 | 2022395071 | B82B 3 /- | 2023220484 | C07D 223 /- | C07D 401 /- |
| B62M 19 /- | B65D 25 /- | 2022403615 | 2023239885 | 2022420025 | 2022400175 |
| 2022454520 | 2022395071 | B82Y 40 /- | C07C 317 /- | C07D 225 /- | 2022405474 |
| B63B 1 /- | B65D 41 /- | 2022403615 | 2022426004 | 2022413540 | 2022411461 |
| 2022419159 | 2022410653 | C01B 3 /- | 2022428605 | 2022420025 | 2022420025 |
| 2023204491 | 2023222082 | C01G 3 /- | C07C 323 /- | C07D 227 /- | 2022421248 |
| B63B 27 /- | B65D 5 /- | 2023373268 | 2022426004 | 2022423368 | 2022421580 |
| 2022407133 | 2022410653 | C01G 31 /- | 2022428605 | 2022424157 | 2022421580 |
| B63B 3 /- | B65D 25 /- | 2023205755 | 2023205941 | 2022405474 | 2022424463 |
| 2022419159 | 2023219700 | C01G 33 /- | C07C 327 /- | C07D 231 /- | 2022426492 |
| B63B 32 /- | B65D 65 /- | 2023205755 | 2022428605 | 2023204770 | 2023205375 |
| 2022401697 | 2023215281 | C01G 37 /- | C07C 37 /- | 2023212015 | 2023215488 |
| 2022419159 | 2022410653 | 2023264850 | 2022400175 | 2023225437 | 2023225437 |
| B63B 34 /- | B65D 83 /- | 2023264850 | C07D 233 /- | C07D 237 /- | 2023240513 |
| 2023204491 | 2021479218 | C01G 39 /- | 2022400175 | 2022425198 | C07D 403 /- |
| | B65D 88 /- | 2022421154 | C07C 37 /- | C07D 239 /- | 2022421248 |
| | 2022424423 | 2023205755 | 2023213750 | 2022405474 | 2023202177 |
| | 2022424430 | C01G 41 /- | C07C 41 /- | 2023205375 | 2023204770 |
| | 2022425926 | 2023205755 | 2022421154 | 2022426004 | 2023205375 |
| | 2022427070 | C01G 45 /- | C07C 43 /- | 2022426492 | 2023212015 |
| | B65F 1 /- | 2023205755 | 2022421154 | 2022426492 | 2023225437 |
| | | C01G 45 /- | C07C 53 /- | C07D 247 /- | 2023240513 |
| | | 2023205755 | 2022421154 | 2022421248 | C07D 405 /- |
| | | C01G 45 /- | C07C 55 /- | 2022421248 | 2022421248 |
| | | 2023205755 | 2022422574 | C07D 249 /- | 2022421580 |
| | | | C07C 55 /- | 2022424463 | 2022424463 |
| | | | 2023212020 | 2022428182 | 2022428182 |
| | | | | 2023205375 | 2023205375 |
| | | | | 2023225437 | 2023225437 |

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

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|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| <u>C07D 407 /-</u> | <u>C07D 513 /-</u> | <u>C09D 17 /-</u> | 2022426018 | <u>C22B 11 /-</u> | <u>C25C 3 /-</u> |
| 2022428182 | 2023204824 | 2023204926 | 2022426779 | 2022421954 | 2023312378 |
| 2023240513 | | | 2022428832 | | |
| | <u>C07D 519 /-</u> | <u>C09D 199 /-</u> | 2022433633 | <u>C22B 15 /-</u> | <u>C40B 40 /-</u> |
| | 2023204824 | 2023204926 | 2023206880 | 2022421954 | 2023205108 |
| <u>C07D 409 /-</u> | | | 2023208041 | | |
| 2022428182 | <u>C07K 14 /-</u> | <u>C09K 8 /-</u> | 2023209132 | <u>C22B 19 /-</u> | <u>D04H 1 /-</u> |
| 2023204770 | | | 2023209447 | 2022421954 | 2022400256 |
| 2023205375 | 2022400257 | 2022435732 | 2023210789 | | |
| 2023212015 | 2022403618 | 2023204926 | 2023212982 | <u>C22B 26 /-</u> | <u>D06F 39 /-</u> |
| 2023225437 | 2022405415 | | 2023217115 | 2024201908 | 2022405403 |
| | 2022410335 | <u>C10G 1 /-</u> | 2023217931 | | |
| <u>C07D 411 /-</u> | 2022416990 | | 2023236286 | | |
| 2023212015 | 2022423978 | 2022421154 | 2023240827 | <u>C22B 3 /-</u> | <u>D06F 58 /-</u> |
| | 2022425312 | <u>C10G 21 /-</u> | | 2022421954 | 2022404329 |
| <u>C07D 413 /-</u> | 2023214045 | | 2022403618 | 2022466437 | |
| 2022405474 | 2023224326 | 2022421154 | 2022425312 | 2023205755 | <u>E01B 7 /-</u> |
| 2022421580 | 2023236286 | <u>C10M 105 /-</u> | 2022425547 | 2024201908 | 2022429962 |
| 2023212015 | 2023238805 | | 2022426018 | <u>C22B 34 /-</u> | <u>E02D 17 /-</u> |
| 2023225437 | 2023240827 | 2023205092 | 2023208041 | | 2022403179 |
| | <u>C07K 16 /-</u> | <u>C10N 30 /-</u> | 2023210706 | <u>C22B 47 /-</u> | <u>E03B 3 /-</u> |
| <u>C07D 417 /-</u> | | | | 2022466437 | 2023212018 |
| 2022424463 | 2022400237 | <u>C11D 1 /-</u> | <u>C12N 7 /-</u> | | <u>E03D 1 /-</u> |
| 2023212015 | 2022402334 | 2023205092 | 2022423978 | <u>C22B 59 /-</u> | 2023209784 |
| | 2022403618 | | 2022426018 | 2022466437 | <u>E03D 11 /-</u> |
| <u>C07D 451 /-</u> | 2022405415 | <u>C11D 11 /-</u> | 2023210706 | | 2023209784 |
| 2023225437 | 2022416272 | 2023209437 | <u>C12N 9 /-</u> | <u>C22B 61 /-</u> | <u>E03D 3 /-</u> |
| | 2022416990 | | 2022420471 | 2022466437 | 2023209784 |
| <u>C07D 471 /-</u> | 2022425312 | <u>C11D 17 /-</u> | 2022425495 | | <u>E03D 5 /-</u> |
| 2022408746 | 2023205108 | | 2022428832 | <u>C22B 7 /-</u> | 2023209784 |
| 2022413540 | 2023205152 | 2023209437 | 2023209132 | 2022421954 | 2023209784 |
| 2022421580 | 2023205789 | | 2023210789 | 2022466437 | |
| 2022424022 | 2023205915 | <u>C11D 3 /-</u> | 2023212982 | | <u>E03D 7 /-</u> |
| 2022425460 | 2023208041 | | 2023217115 | 2022421954 | 2023209784 |
| 2023204770 | 2023209439 | <u>C12P 13 /-</u> | | 2022466437 | <u>E03D 10 /-</u> |
| 2023205375 | 2023213099 | | 2022428832 | <u>C22C 38 /-</u> | 2023209784 |
| 2023225437 | 2023213937 | <u>C12H 1 /-</u> | <u>C12P 19 /-</u> | 2023226266 | <u>E03F 7 /-</u> |
| 2023240513 | 2023213963 | 2022410653 | 2023217115 | 2023226269 | 2023205879 |
| | 2023214116 | <u>C12M 1 /-</u> | | <u>C22C 9 /-</u> | <u>E04B 1 /-</u> |
| <u>C07D 487 /-</u> | 2023224210 | | <u>C12P 23 /-</u> | 2023210036 | 2022401503 |
| 2023225437 | 2023251822 | 2023209437 | 2023212982 | <u>C22F 1 /-</u> | <u>E04F 10 /-</u> |
| | 2023275531 | | <u>C12Q 1 /-</u> | 2023210036 | 2022430929 |
| <u>C07D 487 /-</u> | <u>C07K 19 /-</u> | <u>C12M 11 /-</u> | 2022411859 | <u>C23C 14 /-</u> | <u>E04F 13 /-</u> |
| 2022405474 | | 2023207967 | 2022420494 | 2022402166 | 2022425572 |
| 2022421580 | 2022405415 | 2023221990 | 2022425519 | <u>C25B 11 /-</u> | 2022426645 |
| 2023204770 | | <u>C12N 1 /-</u> | 2022426779 | 2023222542 | 2022430929 |
| 2023204824 | <u>C07K 7 /-</u> | | <u>C21B 11 /-</u> | | <u>E04F 15 /-</u> |
| 2023205048 | | 2022402788 | 2022442457 | <u>C25B 3 /-</u> | 2022424377 |
| 2023205375 | 2023205789 | 2022410611 | <u>C21B 13 /-</u> | 2023222542 | 2022425572 |
| 2023212015 | 2023377940 | 2023209877 | | <u>C25B 9 /-</u> | 2022426645 |
| | <u>C08G 18 /-</u> | 2023217115 | <u>C21D 8 /-</u> | 2023222542 | <u>E04H 15 /-</u> |
| <u>C07D 491 /-</u> | | <u>C12N 15 /-</u> | 2022424257 | 2023312378 | 2022408104 |
| 2022408887 | 2022406986 | | | | |
| 2022421580 | | 2021480402 | <u>C21B 11 /-</u> | | |
| 2022428182 | <u>C08G 59 /-</u> | 2022403618 | | | |
| 2023205048 | | 2022405058 | <u>C21B 13 /-</u> | | |
| | 2022437899 | 2022405415 | | | |
| <u>C07D 495 /-</u> | <u>C08J 5 /-</u> | 2022407548 | <u>C21D 8 /-</u> | | |
| 2022408887 | | 2022412788 | 2023226266 | | |
| 2023205048 | 2022437899 | 2022420471 | 2023226269 | | |
| 2023205375 | | 2022420494 | | | |
| 2023240513 | <u>C09D 11 /-</u> | 2022423978 | | | |
| | | 2022423988 | | | |
| <u>C07D 498 /-</u> | 2022400182 | 2022425312 | | | |
| 2022405474 | 2022421129 | | | | |

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|--|--|--|--|--|--|
| <u>E04H 4 /-</u> | <u>E21B 34 /-</u> | <u>F21V 21 /-</u> | <u>G01N 33 /-</u> | <u>G05B 19 /-</u> | <u>G06Q 20 /-</u> |
| 2022406879 2022430929 | 2022409722 2022431183 2023214744 | 2022435236 | 2022400237 2022405415 2022411859 2022416375 2022420494 2022421642 2022425519 2022426779 2023205108 2023214045 2023216680 2023226340 | 2022421129 | 2022421530 2022427704 2022429947 |
| <u>E04H 7 /-</u> | <u>E21B 41 /-</u> | <u>F24F 1 /-</u> | | <u>G06F 12 /-</u> | |
| 2022424423 2022424430 2022425926 2022427070 | 2023214744 | 2022435285 | | 2022426458 | |
| | <u>E21B 43 /-</u> | <u>F24F 13 /-</u> | | <u>G06F 16 /-</u> | <u>G06Q 30 /-</u> |
| | 2022409722 2022435732 | 2022435285 | | 2022427703 2023206940 | 2021480811 |
| <u>E05B 15 /-</u> | <u>E21C 27 /-</u> | <u>F24S 20 /-</u> | | <u>G06F 21 /-</u> | <u>G06Q 50 /-</u> |
| 2022400766 | 2022424982 2022427707 | 2023212935 | | 2022427703 2022429947 2023205153 2023205809 | 2022431986 2022439111 2023205732 |
| <u>E05B 17 /-</u> | | <u>F24S 23 /-</u> | <u>G01P 15 /-</u> | | <u>G06T 7 /-</u> |
| 2022400766 | | 2022413620 2023212935 | 2022432272 | | 2023205011 |
| <u>E05B 27 /-</u> | <u>E21C 35 /-</u> | | <u>G01R 33 /-</u> | <u>G06F 3 /-</u> | <u>G06V 10 /-</u> |
| 2022400766 | 2022424982 2022427707 | <u>F24S 30 /-</u> | 2022431668 | 2021480811 2022426458 2022439111 | 2022406948 |
| <u>E05B 47 /-</u> | <u>F01K 13 /-</u> | 2023212935 | <u>G01S 13 /-</u> | | <u>G06V 40 /-</u> |
| 2022400766 | 2022401687 | <u>F24S 40 /-</u> | 2022408088 | <u>G06F 40 /-</u> | 2022406948 |
| <u>E05B 63 /-</u> | <u>F02G 5 /-</u> | 2022413620 | <u>G01S 15 /-</u> | 2022407809 2023206940 | <u>G07C 9 /-</u> |
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B60W 30/02 (2012.01)
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F16L 57/00 (2006.01)
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 pathy, comprising rAAV containing sol-
 uble VEGFR-1 variant cDNA
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A61N 5/06 (2006.01)
A61B 1/06 (2006.01)
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B22F 1/00 (2006.01)
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C12P 13/08 (2006.01)
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A01D 91/00 (2006.01)
A01G 22/00 (2018.01)
G06Q 50/02 (2012.01)
G06V 10/40 (2022.01)
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C08G 18/48 (2006.01)
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G02C 7/04 (2006.01)
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G06Q 20/38 (2012.01)
H04L 9/40 (2022.01)
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F16B 2/06 (2006.01)
F16B 2/18 (2006.01)
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F24F 11/49 (2018.01)
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H04Q 9/00 (2006.01)
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F24F 7/007 (2006.01)
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F24F 11/74 (2018.01)
F24F 110/70 (2018.01)
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A61N 1/36 (2006.01)
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G06N 3/04 (2023.01)
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G06V 10/80 (2022.01)
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G01S 17/89 (2020.01)
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B29C 64/124 (2017.01)
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B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 40/00 (2020.01)
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A42B 3/04 (2006.01)

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F42D 1/02 (2006.01)
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A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
C12Q 1/02 (2006.01)
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G06F 16/182 (2019.01)
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F41G 7/22 (2006.01)
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B01D 11/02 (2006.01)
C22B 3/02 (2006.01)
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A61B 5/00 (2006.01)
G06N 3/08 (2006.01)
G06T 1/00 (2006.01)
G06T 7/00 (2017.01)
G06V 10/40 (2022.01)
G06V 30/18 (2022.01)
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)
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H04H 20/89 (2008.01)
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B60H 1/32 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 239/42 (2006.01)
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G06Q 50/06 (2012.01)
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B23B 39/14 (2006.01)
B23Q 3/155 (2006.01)
B23Q 3/157 (2006.01)
B25D 17/08 (2006.01)
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 (54) BUILDING SYSTEM AND METHOD OF CONSTRUCTION
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E04B 1/26 (2006.01)
E04B 1/38 (2006.01)
E04B 1/48 (2006.01)
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B64C 29/02 (2006.01)
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B64C 39/06 (2006.01)
B64C 39/08 (2006.01)
B64D 27/02 (2006.01)
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A47L 9/04 (2006.01)
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 (54) Vacuum cleaner
 (51) Int. Cl.
A47L 9/28 (2006.01)
A47L 5/24 (2006.01)
A47L 9/04 (2006.01)
A47L 9/22 (2006.01)
G01B 11/02 (2006.01)
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 (54) Vacuum cleaner
 (51) Int. Cl.
A47L 9/04 (2006.01)
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G01B 11/02 (2006.01)
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A61B 17/11 (2006.01)
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A61F 2/06 (2013.01)
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H01L 31/0445 (2014.01)
H01L 31/18 (2006.01)
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 (21) 2023274081 (22) 28.11.2023
 (54) System and method for manipulating an anatomy
 (51) Int. Cl.
A61B 34/20 (2016.01)
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A61M 15/00 (2006.01)
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G06F 11/36 (2006.01)
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A43C 15/16 (2006.01)
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 (54) Methods and compositions for reducing vancomycin-resistant enterococci infection or colonization
 (51) Int. Cl.
A01N 63/00 (2020.01)
A01N 65/00 (2009.01)
A61K 9/00 (2006.01)
A61K 35/66 (2015.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 29/00 (2006.01)
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 (51) Int. Cl.
A23L 13/00 (2016.01)
C12N 5/00 (2006.01)
C12N 5/077 (2010.01)
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A45C 13/10 (2006.01)
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C12Q 1/68 (2018.01)
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H02M 1/44 (2007.01)
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 (21) 2021419917 (22) 18.01.2021
 (54) Appliance control system, home appliance, and notification control method for home appliance
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H04Q 9/00 (2006.01)
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(54) CHARGE/DISCHARGE PLAN CREATION DEVICE, COMMAND DEVICE, POWER GRID MANAGEMENT SYSTEM, TERMINAL DEVICE, POWER STORAGE SYSTEM, CHARGE/DISCHARGE SYSTEM, STORAGE BATTERY, ELECTRIC VEHICLE, CHARGE/DISCHARGE PLAN CREATION METHOD, AND CHARGE/DISCHARGE PLAN CREATION PROGRAM

(51) Int. Cl.

H02J 3/00 (2006.01)

H02J 3/38 (2006.01)

H02J 7/00 (2006.01)

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(54) COMMAND DEVICE, CHARGE-DISCHARGE CONTROL SYSTEM, POWER CONTROL SYSTEM, CENTRAL COMMAND DEVICE, SETTING VALUE MANAGEMENT DEVICE, CHARGEDISCHARGE CONTROL METHOD, AND PROGRAM

(51) Int. Cl.

H02J 3/38 (2006.01)

H02J 3/00 (2006.01)

H02J 3/24 (2006.01)

H02J 3/32 (2006.01)

H02J 3/46 (2006.01)

H02J 7/35 (2006.01)

H02J 13/00 (2006.01)

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C11D 17/04 (2006.01)

B65D 65/46 (2006.01)

C08J 5/18 (2006.01)

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B60J 7/08 (2006.01)

B60J 7/04 (2006.01)

B60J 7/057 (2006.01)

B60J 7/06 (2006.01)

B60J 7/14 (2006.01)

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A61N 1/32 (2006.01)

A61N 1/20 (2006.01)

A61N 1/40 (2006.01)

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(71) NANTES UNIVERSITE; Chu de Nantes - Centre Hospitalier Universitaire de Nantes -

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A61K 45/00 (2006.01)

A61P 31/06 (2006.01)

(87) WO2020/260281

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A61M 25/088 (2006.01)

A61F 2/02 (2006.01)

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A61M 25/00 (2006.01)

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(51) Int. Cl.

B64C 27/10 (2006.01)

B64C 27/12 (2006.01)

B64C 27/52 (2006.01)

B64C 27/80 (2006.01)

B64C 27/605 (2006.01)

B64C 29/00 (2006.01)

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C23C 2/06 (2006.01)

C22C 18/00 (2006.01)

C22C 18/04 (2006.01)

C23C 2/26 (2006.01)

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A23L 17/00 (2016.01)
A23B 4/00 (2006.01)
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H04W 72/04 (2023.01)
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A47L 13/34 (2006.01)
A46B 15/00 (2006.01)
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B08B 3/04 (2006.01)
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H03K 17/0416 (2006.01)
H01P 1/10 (2006.01)
H03K 17/06 (2006.01)
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A61K 9/00 (2006.01)
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 (54) ENHANCED-FLEXIBILITY TRANSDUCER ARRAYS FOR DELIVERING TTFIELDS (TUMOR TREATING FIELDS)
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A61N 1/36 (2006.01)
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 (54) Reciprocating compressor with a jacket around the piston rod
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F04B 39/00 (2006.01)
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 (72) CHANDRASHEKAR, Manjunatha Mugulavalli
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) Fuel cell module arrangement with leak recovery and methods of use
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H01M 8/2475 (2016.01)
H01M 8/04089 (2016.01)
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 (43) 09.05.2019
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F24H 15/238 (2022.01)
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 (74) Allens Patent & Trade Mark Attorneys

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 E21B 33/076 (2006.01)
 E21B 34/04 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys

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 C12N 15/82 (2006.01)
 A01H 1/00 (2006.01)
 A01H 5/00 (2018.01)
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A61K 35/747 (2015.01)
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B65D 71/52 (2006.01)
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H02K 1/24 (2006.01)
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(74) Southern Cross Intellectual Property Limited

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B67D 1/08 (2006.01)
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B67D 1/10 (2006.01)
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(51) Int. Cl.
A47C 21/04 (2006.01)
A47C 17/48 (2006.01)
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(51) Int. Cl.
H04N 19/33 (2014.01)
H04N 19/172 (2014.01)
H04N 19/177 (2014.01)

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(51) Int. Cl.
G01S 7/524 (2006.01)
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G01S 15/42 (2006.01)
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(51) Int. Cl.
A61F 2/14 (2006.01)
A61K 35/12 (2015.01)
A61L 27/52 (2006.01)
A61L 27/56 (2006.01)
C12N 5/0775 (2010.01)
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B64D 37/32 (2006.01)

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 and specificity
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C12N 15/00 (2006.01)
C07K 14/00 (2006.01)
C12N 9/22 (2006.01)
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 sonal care implement and electrically
 operated personal care implement
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A61C 17/34 (2006.01)
A46B 15/00 (2006.01)
A61C 17/22 (2006.01)
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(74) AJ PARK

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 mass composition using galvanic vesti-
 bular stimulation
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A61N 1/36 (2006.01)
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(54) Bioreactive compositions and methods
 of use thereof
(51) Int. Cl.
A61K 31/197 (2006.01)
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C07K 1/113 (2006.01)
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 ing a pharmacokinetic enhancing moi-
 ety, improved pharmacology and their
 uses
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A61K 38/50 (2006.01)
C12N 9/78 (2006.01)
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(21) 2018269057

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 acyte SD, Inc.
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 treatment of bladder cancer
(51) Int. Cl.
C12Q 1/6886 (2018.01)
A61K 33/24 (2006.01)
C12Q 1/68 (2018.01)
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G01N 33/48 (2006.01)
G01N 33/574 (2006.01)
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(74) FB Rice Pty Ltd

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(54) SPECIMEN HOLDER WITH WIRE-
 LESS TRANSPONDER FOR ATTACH-
 MENT TO SECIMEN COLLECTION
 BODY
(51) Int. Cl.
B01L 9/00 (2006.01)
A01N 1/02 (2006.01)
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 MURRAY, Alan
(74) FORWARD INTELLECTUAL PROP-
 ERTY PTY LTD

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(54) HETEROJUNCTION SOLAR CELL,
 PREPARATION METHOD THEREOF
 AND POWER GENERATION DEVICE
(51) Int. Cl.
H01L 31/04 (2014.01)
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 Hui; ZHANG, Haichuan; SHI, Jian-
 hua; FU, Haoxin; MENG, Fanying; LIU,
 Zhengxin
(74) James & Wells Intellectual Property

(71) Tongwei Solar (Chengdu) Co., Ltd.
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(21) 2022348889 **(22)** 30.08.2022
(54) METHOD FOR PREPARING HETERO-
 JUNCTION SOLAR CELL, HETERO-
 JUNCTION SOLAR CELL AND AP-
 PPLICATION THEREOF
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H01L 31/04 (2014.01)
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 ZHANG, Liping; ZHAO, Hui; SHI, Jian-
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(71) Trudeau, L.
(11) AU-B-2023201368
(21) 2023201368 **(22)** 06.03.2023
(54) Portable foam brush
(51) Int. Cl.
A46B 11/00 (2006.01)
A46B 11/02 (2006.01)
A47L 11/40 (2006.01)
B08B 3/00 (2006.01)
(43) 06.04.2023
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 F23D 23/00 (2006.01)
 F23J 11/02 (2006.01)
 F23L 3/00 (2006.01)
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 (21) 2021263037 (22) 12.04.2021
 (54) Aerosol composition for sanitization
 (51) Int. Cl.
 A01N 31/02 (2006.01)
 A01N 25/06 (2006.01)
 A01P 1/00 (2006.01)
 A61K 8/34 (2006.01)
 A61K 9/12 (2006.01)
 A61L 2/00 (2006.01)
 A61L 2/18 (2006.01)
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 SHARMA, Kirti; TROPIA, David Jonathan
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 National de la Sante et de la Recherche
 Medicale (INSERM); Centre National
 de la Recherche Scientifique; Uni-
 versité de Montpellier
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 in the treatment of neurodegenerative
 diseases
 (51) Int. Cl.
 C07D 211/32 (2006.01)
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 A61P 25/28 (2006.01)
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 tion, Inc.
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 (21) 2022275396 (22) 21.11.2022
 (54) Preservative Removal From Eye Drops
 (51) Int. Cl.
 A61J 1/05 (2006.01)
 A61F 9/00 (2006.01)
 B01D 35/02 (2006.01)
 B01D 39/16 (2006.01)
 B01D 71/06 (2006.01)
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(71) University of Washington
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 (21) 2022206686 (22) 18.07.2022
 (54) Ophthalmic lenses for treating myopia
 (51) Int. Cl.
 G02C 7/02 (2006.01)
 G02C 7/04 (2006.01)
 G02C 7/10 (2006.01)
 G02C 7/16 (2006.01)
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 (44) 18.07.2024
 (62) 2017306044
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 NEITZ, Maureen
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(71) Vallourec Oil and Gas France
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 (21) 2021319786 (22) 28.07.2021
 (54) Securing system intended to secure a
 cable to a tube
 (51) Int. Cl.
 E21B 17/02 (2006.01)
 E21B 17/10 (2006.01)
 (87) WO2022/028985
 (31) 20189906.9 (32) 06.08.20 (33) EP
 (43) 10.02.2022
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 (72) VANNETZEL, Maxime; BRODIE,
 Alastair John
 (74) Griffith Hack

(71) Vecor IP Holdings Limited
 (11) AU-B-2019254543
 (21) 2019254543 (22) 16.04.2019
 (54) Particulate mixture comprising recycled
 aluminium silicate material
 (51) Int. Cl.
 C04B 33/02 (2006.01)
 C04B 33/132 (2006.01)
 C04B 33/135 (2006.01)
 C04B 33/138 (2006.01)
 C04B 33/22 (2006.01)
 C04B 33/24 (2006.01)
 C04B 33/32 (2006.01)
 C04B 33/34 (2006.01)
 C04B 35/01 (2006.01)
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 (43) 24.10.2019
 (44) 18.07.2024
 (72) SEVERIN, Erik
 (74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) Vector Vitale IP LLC
 (11) AU-B-2019479023
 (21) 2019479023 (22) 20.12.2019
 (54) Composition and method for the pre-
 vention and treatment of obesity
 (51) Int. Cl.
 A61K 31/223 (2006.01)
 A61K 33/30 (2006.01)
 A61P 3/04 (2006.01)
 A61P 3/10 (2006.01)
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 (72) NOVAK, Peter; TEMNIKOV, Maxim;
 BALAKIN, Oleksandr
 (74) Spruson & Ferguson

Veracyte SD, Inc. see The University of
 British Columbia
 (21) 2018210695

(71) Wang, X.; Yu, R.
 (11) AU-B-2021427231
 (21) 2021427231 (22) 09.02.2021
 (54) Disc-type ironless permanent magnet
 synchronous generator powered by
 auxiliary power supply
 (51) Int. Cl.
 H02K 21/00 (2006.01)
 H02K 1/22 (2006.01)
 (87) WO2022/170533
 (43) 18.08.2022
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 (72) WANG, Xiaoguang; YU, Renwei
 (74) Madderns Pty Ltd

(71) Wei, J.
 (11) AU-B-2023202790
 (21) 2023202790 (22) 04.05.2023
 (54) PHOTOVOLTAIC THERMAL INSULA-
 TION AND DECORATION COMPOS-
 ITE BOARD SYSTEM
 (51) Int. Cl.
 H02S 20/26 (2014.01)
 E04B 1/78 (2006.01)
 E04B 2/96 (2006.01)
 E04F 13/074 (2006.01)
 E04F 13/077 (2006.01)
 E04F 13/26 (2006.01)
 F24S 25/30 (2018.01)
 F24S 25/40 (2018.01)
 (31) 202210645630.9 (32) 09.06.22 (33) CN
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 (72) Wei, Jinxi; Wei, Feng; Zhang, Jia
 (74) Jinxi Wei

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 (54) Methods and compositions for non-myeloablative bone marrow reconstitution
 (51) Int. Cl.
 A61K 31/675 (2006.01)
 A61K 35/12 (2015.01)
 C12N 9/00 (2006.01)
 (87) WO2019/099619
 (31) 62/586,813 (32) 15.11.17 (33) US
 (43) 23.05.2019
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 (72) GUMRUKCU, Serhat
 (74) FB Rice Pty Ltd

(71) Willand (Beijing) Technology Co., LTD.
 (11) AU-B-2023201680
 (21) 2023201680 (22) 17.03.2023
 (54) METHOD FOR CONTROLLING AUTONOMOUS MOBILE DEVICE, AUTONOMOUS MOBILE DEVICE, AND COMPUTER STORAGE MEDIUM
 (51) Int. Cl.
 G05D 3/12 (2006.01)
 G05D 13/00 (2006.01)
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 (43) 05.10.2023
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 (21) 2019310228 (22) 23.04.2019
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 (51) Int. Cl.
 H02J 7/00 (2006.01)
 (87) WO2020/023090
 (31) 16/046,312 (32) 26.07.18 (33) US
 (43) 30.01.2020
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 (74) Davies Collison Cave Pty Ltd

(71) Women's Medical Research, Inc.
 (11) AU-B-2018343915
 (21) 2018343915 (22) 26.09.2018
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 A41C 1/00 (2006.01)
 A61F 5/02 (2006.01)
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 A61K 38/16 (2006.01)
 A61K 39/39 (2006.01)
 A61P 35/00 (2006.01)
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| 2021323040 | 2019263602 | 2019247096 | <u>A45F 3 /-</u> | 2021333442 | 2021400987 |
| <u>A01D 91 /-</u> | <u>A21B 1 /-</u> | <u>A23L 29 /-</u> | 2018418326 | 2021334888 | 2023285959 |
| 2019364434 | 2021248491 | 2023200788 | <u>A46B 11 /-</u> | <u>A47L 9 /-</u> | 2024201861 |
| <u>A01G 22 /-</u> | <u>A21B 3 /-</u> | <u>A23L 33 /-</u> | 2023201368 | 2020396356 | <u>A61C 17 /-</u> |
| 2019364434 | 2021248491 | 2019247096 | <u>A46B 15 /-</u> | 2021333442 | 2021253693 |
| <u>A01H 1 /-</u> | <u>A21D 13 /-</u> | 2020379517 | 2018317521 | 2021334888 | 2022287545 |
| 2018262566 | 2021214985 | 2021320634 | <u>A46B 17 /-</u> | <u>A61B 1 /-</u> | <u>A61F 11 /-</u> |
| 2021277729 | 2021320634 | 2023200788 | 2021253693 | 2022203866 | 2019252798 |
| <u>A01H 5 /-</u> | <u>A21D 2 /-</u> | <u>A23L 7 /-</u> | 2018317521 | <u>A61B 17 /-</u> | <u>A61F 13 /-</u> |
| 2021277729 | 2021320634 | 2021214985 | <u>A47C 1 /-</u> | 2019252923 | 2018426274 |
| 2022203871 | <u>A23B 4 /-</u> | <u>A23N 15 /-</u> | 2023202554 | 2021342292 | 2018433714 |
| <u>A01H 7 /-</u> | 2018384905 | 2021323040 | <u>A47C 17 /-</u> | 2021400987 | 2019252798 |
| 2021277729 | <u>A23C 11 /-</u> | <u>A23P 20 /-</u> | 2019295692 | 2021432629 | <u>A61F 2 /-</u> |
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| 2018273854 | <u>A23C 19 /-</u> | 2018343915 | 2019295692 | 2022266670 | 2018330603 |
| <u>A01M 21 /-</u> | 2021214985 | <u>A41D 13 /-</u> | <u>A47C 3 /-</u> | 2024201861 | 2019249216 |
| 2018262566 | <u>A23D 7 /-</u> | 2018343915 | 2023202554 | <u>A61B 18 /-</u> | 2021342292 |
| <u>A01M 7 /-</u> | 2020301872 | <u>A41D 19 /-</u> | <u>A47C 7 /-</u> | 2018373389 | 2021432629 |
| 2018236898 | <u>A23F 3 /-</u> | 2019235607 | 2023202554 | 2019280981 | 2022259778 |
| 2019289241 | 2018330042 | <u>A42B 3 /-</u> | <u>A47G 29 /-</u> | 2020327919 | 2022266670 |
| <u>A01N 1 /-</u> | <u>A23F 5 /-</u> | 2018387126 | 2023200513 | 2022203866 | 2022291583 |
| 2021396319 | 2018330042 | <u>A43B 11 /-</u> | <u>A47J 31 /-</u> | 2022203866 | 2023200011 |
| <u>A01N 25 /-</u> | <u>A23G 1 /-</u> | 2023203319 | 2018273788 | <u>A61B 3 /-</u> | <u>A61F 5 /-</u> |
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| 2021263037 | <u>A23L 11 /-</u> | <u>A43B 21 /-</u> | <u>A47J 41 /-</u> | 2022215184 | 2019338387 |
| <u>A01N 31 /-</u> | 2021263879 | 2023203319 | 2018330042 | <u>A61B 34 /-</u> | 2020461645 |
| 2021263037 | <u>A23L 13 /-</u> | 2024202508 | <u>A47J 42 /-</u> | 2022266670 | 2022266670 |
| <u>A01N 43 /-</u> | <u>A43B 23 /-</u> | 2019245949 | 2019245949 | <u>A61F 6 /-</u> | <u>A61F 6 /-</u> |
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| | | | | 2018346229 | <u>A61F 9 /-</u> |
| | | | | 2019249216 | 2018346229 |
| | | | | 2022215184 | 2019249216 |
| | | | | 2022275396 | 2022215184 |
| | | | | <u>A61J 1 /-</u> | 2022275396 |
| | | | | 2021209845 | <u>A61J 1 /-</u> |
| | | | | 2022275396 | 2021209845 |
| | | | | | 2022275396 |

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| A61K 35/- | A61K 48/- | A61M 37/- | A61P 31/- | B01D 11/- | 2017292732 2019479023 | 2023241276 | 2018312248 | B22F 5/- | 2019428062 |
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| A61K 38/- | A61K 8/- | A61M 5/- | A61P 35/- | B01D 46/- | 2017331361 2018367112 2018446799 2019249721 2019265822 2020290119 2021204473 2021226544 2021242143 2022201758 2022246407 | B01D 39/- | 2022275396 | B23Q 1/- | 2020253749 |
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| | A61L 27/- | A61N 1/- | A61P 43/- | B02C 17/- | 2018207946 2019249721 2021242143 | B01J 23/- | 2020398541 | B25D 17/- | 2021216169 |
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| | A61L 29/- | A61P 1/- | A61P 11/- | B07B 1/- | 2022203866 | B02C 17/- | 2021396319 | B25J 11/- | 2021216169 |
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| | A61L 31/- | A61P 17/- | | | | B05B 12/- | 2019338793 | B25J 19/- | 2021216169 |
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| | A61L 9/- | | | | | | 2018236898 | | |
| | 2019250301 | 2019338793 | | | | | 2018236898 | | |

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| 2018304730 | B60L 3 /- | 2019295947 | B65G 53 /- | 2018320335 | C07D 235 /- |
| 2021324053 | 2019202430 | B64D 27 /- | 2023200119 | C02F 1 /- | 2019286531 |
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| 2019235607 | B60S 5 /- | 2018361906 | 2021236184 | C03C 17 /- | 2019286531 |
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| B32B 15 /- | 2019203358 | B65D 41 /- | B66B 25 /- | C03C 3 /- | C07D 403 /- |
| 2018383875 | B60W 30 /- | 2022202877 | 2021227374 | 2019205016 | 2019286531 |
| B32B 27 /- | 2019202430 | B65D 47 /- | B66B 27 /- | 2019254543 | 2021242143 |
| 2018368424 | B60W 40 /- | 2022202877 | 2021243321 | C04B 33 /- | C07D 405 /- |
| B32B 5 /- | 2019202430 | B65D 51 /- | B66B 29 /- | 2019254543 | 2019286531 |
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| B33Y 40 /- | B62D 61 /- | 2024200766 | 2018283546 | 2018360482 | 2019249721 |
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| B33Y 80 /- | B62D 63 /- | 2018431392 | B66F 15 /- | C07D 487 /- | 2022210247 |
| 2019428062 | 2021266865 | B65G 1 /- | 2022206731 | 2022283709 | 2019249721 |
| B60B 35 /- | B62D 7 /- | 2021312093 | B66F 17 /- | 2022283710 | 2019338793 |
| 2022203205 | 2021266865 | B65G 13 /- | 2018283546 | C06B 45 /- | C07D 495 /- |
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| C07H 7 /- | C08L 19 /- | 2020379517 | 2021387682 | 2019302581 | 2018315619 |
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| 2018231623 | 2019235607 | 2018216169 | C22B 3 /- | E21B 29 /- | F02C 6 /- |
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| C07K 16 /- | 2019250301 | 2018345536 | D06C 23 /- | E21B 41 /- | F04B 53 /- |
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| 2017285276 | 2019250301 | 2019258570 | E02F 3 /- | 2018312248 | F04D 13 /- |
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| 2017376807 | 2019250301 | 2021328232 | 2019203358 | E21B 7 /- | F16B 2 /- |
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| 2021200644 | 2019250301 | 2018216169 | E03D 5 /- | E21C 41 /- | F16B 37 /- |
| 2021200946 | C09K 8 /- | 2018231623 | 2019204452 | 2019205026 | 2019222903 |
| 2021204473 | 2018432845 | 2018272067 | E04B 1 /- | E21D 9 /- | F16B 7 /- |
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| C07K 17 /- | C10G 2 /- | 2019280480 | E04B 2 /- | 2019205026 | 2020382533 |
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| C08F 114 /- | C11D 17 /- | C12P 1 /- | 2021375081 | 2019292987 | 2018202075 |
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| 2019228391 | 2019219292 | 2019247096 | | | |
| C08G 18 /- | C12M 3 /- | C12P 21 /- | | | |
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| C08J 3 /- | 2019258570 | C12Q 1 /- | | | |
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| C08J 7 /- | | 2020449867 | | | |
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| F24F 11 /- | F26B 17 /- | G01N 27 /- | | 2023202352 2023226759 | G16B 50 /- |
| 2021307824 2022414435 | 2018304164 | 2022305654 | G05D 1 /- | G06Q 50 /- | 2022298428 |
| F24F 110 /- | F27B 3 /- | G01N 33 /- | 2021362379 | 2019364434 2021228408 2022217900 2022224775 | G16C 20 /- |
| 2022414435 | 2021387682 | 2017285276 2018208079 2018210695 2018267693 | G05D 13 /- | | 2021329818 2021371039 |
| | 2021387682 | | 2023201680 | | G16H 20 /- |
| | | | | | 2019240387 |

Applications Accepted - IPC Index cont'd

| | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <u>G16H 30 /-</u> | <u>H01Q 1 /-</u> | <u>H02J 3 /-</u> | 2018435590 | <u>H04W 48 /-</u> |
| 2020297355 | 2022368368 | 2019362586 | <u>H04L 45 /-</u> | 2019221764 |
| | 2023203635 | 2021423472 | | 2019247512 |
| | 2023203743 | 2021430456 | 2021271897 | |
| <u>G16H 40 /-</u> | <u>H01Q 21 /-</u> | | <u>H04L 5 /-</u> | <u>H04W 64 /-</u> |
| 2019240387 | | <u>H02J 7 /-</u> | | 2022291536 |
| | 2023203743 | | 2018435590 | |
| <u>G16H 50 /-</u> | | 2019310228 | 2021258141 | <u>H04W 72 /-</u> |
| 2020297355 | <u>H01Q 5 /-</u> | 2021423472 | | |
| | | 2021430456 | <u>H04L 51 /-</u> | 2021417629 |
| | 2023203743 | 2022279478 | | |
| <u>H01B 7 /-</u> | | | 2021358028 | <u>H04W 76 /-</u> |
| 2022402192 | <u>H01R 13 /-</u> | <u>H02J 9 /-</u> | | |
| | | | <u>H04L 67 /-</u> | 2019274046 |
| <u>H01H 1 /-</u> | 2019480471 | 2023201940 | | |
| | | | 2022291536 | <u>H04W 8 /-</u> |
| 2019312883 | <u>H01R 25 /-</u> | <u>H02K 1 /-</u> | | |
| | | | <u>H04L 9 /-</u> | 2019247512 |
| <u>H01H 35 /-</u> | 2019480471 | 2021427231 | 2019221764 | <u>H04W 88 /-</u> |
| 2018273788 | <u>H01R 31 /-</u> | 2024202269 | 2019247512 | |
| | | | 2020470364 | 2019221764 |
| <u>H01H 50 /-</u> | 2022279478 | <u>H02K 21 /-</u> | 2021358028 | |
| 2019312883 | | | 2023226759 | <u>H05K 1 /-</u> |
| | <u>H01R 39 /-</u> | 2021427231 | | |
| | | | <u>H04N 1 /-</u> | 2021398474 |
| <u>H01H 51 /-</u> | 2021374593 | <u>H02K 35 /-</u> | | |
| 2019312883 | | | 2023258364 | <u>H05K 5 /-</u> |
| | <u>H01R 4 /-</u> | 2019226944 | | |
| | | | <u>H04N 19 /-</u> | 2023201940 |
| <u>H01H 9 /-</u> | 2019480471 | <u>H02K 7 /-</u> | | |
| 2019312883 | | | 2023201466 | <u>H10N 60 /-</u> |
| 2023201940 | <u>H01R 43 /-</u> | 2019226944 | 2023229601 | |
| | | | | 2021328080 |
| | 2021374593 | <u>H02M 1 /-</u> | <u>H04Q 9 /-</u> | |
| <u>H01L 23 /-</u> | <u>H01R 9 /-</u> | 2019335065 | | |
| 2021398474 | | | 2021307824 | |
| | 2019480471 | <u>H02S 20 /-</u> | 2021419917 | |
| | | | | <u>H04W 12 /-</u> |
| <u>H01L 25 /-</u> | <u>H02B 1 /-</u> | 2023202790 | | |
| 2021398474 | | | <u>H03H 7 /-</u> | 2019221764 |
| | 2023201940 | <u>H03H 7 /-</u> | | 2019247512 |
| | | 2021398474 | | 2020462630 |
| <u>H01L 31 /-</u> | <u>H02B 11 /-</u> | | <u>H03K 17 /-</u> | 2020470364 |
| 2021262267 | | <u>H03K 17 /-</u> | | 2021358028 |
| 2022348884 | 2023201940 | | | |
| 2022348889 | | 2022223110 | <u>H04W 16 /-</u> | |
| | <u>H02G 1 /-</u> | <u>H04B 7 /-</u> | | |
| <u>H01M 10 /-</u> | | | 2021334701 | |
| 2022402192 | | | | <u>H04W 24 /-</u> |
| | <u>H02G 15 /-</u> | 2021258141 | | |
| 2021216845 | | 2021277365 | | |
| 2022211913 | | 2023203635 | | 2021294145 |
| | 2022402192 | | <u>H04W 28 /-</u> | |
| <u>H01M 4 /-</u> | | <u>H04H 20 /-</u> | | |
| | <u>H02G 3 /-</u> | | <u>H04W 28 /-</u> | 2023204404 |
| 2019373610 | | 2022215160 | | |
| 2021216845 | 2020203061 | | <u>H04J 11 /-</u> | <u>H04W 36 /-</u> |
| | | <u>H04J 11 /-</u> | | |
| <u>H01M 50 /-</u> | <u>H02G 7 /-</u> | | 2021258141 | 2019274046 |
| 2022211913 | | <u>H04L 12 /-</u> | | |
| | 2020203061 | | <u>H04W 4 /-</u> | |
| <u>H01M 8 /-</u> | <u>H02G 9 /-</u> | 2021271897 | | 2019221764 |
| 2018361220 | | 2023202626 | | 2021358028 |
| 2021228408 | 2019205026 | | 2022291536 | |
| | 2022402192 | <u>H04L 25 /-</u> | | |
| <u>H01P 1 /-</u> | | | <u>H04W 40 /-</u> | |
| | <u>H02J 13 /-</u> | 2021258141 | | |
| 2021398474 | | | 2023203635 | |
| 2022223110 | 2019362586 | <u>H04L 27 /-</u> | | |
| | 2021430456 | | | |

Certified Innovation Patents**Name Index**

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

(71) FAIR OCEAN TRADING AUSTRALIA
PTY LTD

(11) AU-B-2021101508

(21) 2021101508 **(22)** 24.03.2021

(54) LOCKABLE POUCH FOR A MOBILE
PHONE

(51) Int. Cl.

A45C 11/00 (2006.01)

A45C 13/00 (2006.01)

A45C 13/10 (2006.01)

H04B 1/3888 (2015.01)

A44B 1/28 (2006.01)

(45) 18.07.2024

(72) Deng, Yichao

(74) Koch IP Pty Ltd

Numerical Index

2021101508 FAIR OCEAN TRADING AUSTRALIA PTY LTD

IPC Index

A44B 1 /-

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2021101508

H04B 1 /-

2021101508

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2018269327 **Kerry Group Services International Ltd** (International N&H Denmark ApS)
- 2018313784 **Curt Manufacturing, LLC** (Jones Tulloch Pty Ltd)
- 2018382236 **Metso Brasil Indústria e Comércio Ltda.** (Haver & Boecker Latinoamericana Máquinas Ltda)

Opposition Withdrawn - Proceed to Grant

- 2018386568 **Intervet International B.V.** (Boehringer Ingelheim Vet-medica GmbH)

Patents Granted

Standard Patents

| | | | |
|------------|------------|------------|------------|
| 2017200142 | 2017214251 | 2017214541 | 2017221888 |
| 2017226960 | 2017251250 | 2017256819 | 2017276156 |
| 2017282933 | 2017283470 | 2017302038 | 2017312974 |
| 2017327604 | 2017341849 | 2017345479 | 2017359333 |
| 2017366760 | 2017419293 | 2017440064 | 2017444313 |
| 2018203526 | 2018204913 | 2018209592 | 2018211066 |
| 2018218796 | 2018219983 | 2018223782 | 2018230546 |
| 2018231842 | 2018234933 | 2018237783 | 2018240334 |
| 2018241131 | 2018243634 | 2018247578 | 2018248978 |
| 2018251945 | 2018256488 | 2018257642 | 2018263267 |
| 2018263787 | 2018265811 | 2018266305 | 2018270106 |
| 2018271094 | 2018271233 | 2018272115 | 2018273539 |
| 2018273827 | 2018274905 | 2018275187 | 2018278897 |
| 2018278898 | 2018280190 | 2018280336 | 2018282400 |
| 2018285342 | 2018289930 | 2018292279 | 2018293447 |
| 2018294420 | 2018295899 | 2018296421 | 2018298202 |
| 2018299049 | 2018301300 | 2018303661 | 2018310609 |
| 2018311701 | 2018313708 | 2018314761 | 2018314767 |
| 2018314850 | 2018317940 | 2018322883 | 2018326379 |
| 2018328044 | 2018329245 | 2018332581 | 2018332812 |
| 2018333051 | 2018337816 | 2018341499 | 2018344956 |
| 2018346606 | 2018347460 | 2018356358 | 2018358898 |
| 2018363580 | 2018366935 | 2018367291 | 2018368431 |
| 2018372753 | 2018374827 | 2018385669 | 2018385705 |
| 2018386625 | 2018387404 | 2018391323 | 2018391391 |
| 2018392231 | 2018393075 | 2018398050 | 2018399624 |
| 2018415343 | 2018425114 | 2019200044 | 2019200049 |
| 2019200997 | 2019201613 | 2019202041 | 2019203545 |
| 2019206628 | 2019207463 | 2019207518 | 2019211747 |
| 2019212318 | 2019212923 | 2019213886 | 2019214441 |
| 2019215585 | 2019216357 | 2019220211 | 2019221209 |
| 2019223155 | 2019229760 | 2019232704 | 2019235912 |
| 2019236629 | 2019236720 | 2019237913 | 2019239819 |
| 2019240837 | 2019242219 | 2019244842 | 2019246837 |
| 2019258172 | 2019258173 | 2019262096 | 2019262699 |
| 2019263294 | 2019265217 | 2019269544 | 2019269633 |
| 2019271185 | 2019272481 | 2019275912 | 2019278686 |
| 2019291163 | 2019291305 | 2019319230 | 2019321762 |
| 2019323389 | 2019338935 | 2019374785 | 2019391942 |
| 2019392179 | 2019433970 | 2019451099 | 2019458755 |
| 2019459427 | 2019471690 | 2020213054 | 2020230277 |
| 2020250266 | 2020252241 | 2020254908 | 2020259269 |
| 2020260440 | 2020270007 | 2020284102 | 2020286302 |
| 2020297422 | 2020307560 | 2020309810 | 2020311873 |
| 2020312133 | 2020316491 | 2020320298 | 2020323686 |
| 2020325003 | 2020335163 | 2020338407 | 2020339448 |
| 2020350090 | 2020355591 | 2020366205 | 2020369568 |
| 2020369596 | 2020372299 | 2020375666 | 2020381141 |

Patents Granted

Standard Patents

| | | | |
|------------|------------|------------|------------|
| 2020391106 | 2020392150 | 2020395346 | 2020397127 |
| 2020397901 | 2020403087 | 2020405945 | 2020407310 |
| 2020412907 | 2020414412 | 2020416341 | 2020420364 |
| 2020433802 | 2020435735 | 2020436790 | 2020437162 |
| 2020443560 | 2020449757 | 2020452635 | 2020455508 |
| 2020462838 | 2020479941 | 2021202966 | 2021203927 |
| 2021205603 | 2021212652 | 2021214392 | 2021223691 |
| 2021225930 | 2021233050 | 2021245216 | 2021245993 |
| 2021246951 | 2021248415 | 2021257373 | 2021257523 |
| 2021257911 | 2021260669 | 2021262454 | 2021264963 |
| 2021267838 | 2021268665 | 2021269385 | 2021270972 |
| 2021271289 | 2021271378 | 2021274468 | 2021274475 |
| 2021275009 | 2021277697 | 2021283592 | 2021284512 |
| 2021286413 | 2021289054 | 2021296187 | 2021296348 |
| 2021297320 | 2021299167 | 2021302173 | 2021315589 |
| 2021323079 | 2021326446 | 2021329702 | 2021333791 |
| 2021340933 | 2021355368 | 2021357436 | 2021364620 |
| 2021374934 | 2021386450 | 2021386717 | 2021449207 |
| 2022200412 | 2022200490 | 2022200551 | 2022200565 |
| 2022200790 | 2022200861 | 2022201104 | 2022201507 |
| 2022201587 | 2022201596 | 2022201678 | 2022201908 |
| 2022201929 | 2022201937 | 2022201961 | 2022201985 |
| 2022202063 | 2022202119 | 2022202174 | 2022202238 |
| 2022202240 | 2022202455 | 2022202616 | 2022202805 |
| 2022202995 | 2022203305 | 2022203352 | 2022203449 |
| 2022203591 | 2022203725 | 2022203756 | 2022203874 |
| 2022204092 | 2022204182 | 2022204529 | 2022204812 |
| 2022204813 | 2022204852 | 2022208661 | 2022209329 |
| 2022215791 | 2022218601 | 2022220590 | 2022221526 |
| 2022224781 | 2022224808 | 2022224836 | 2022224842 |
| 2022239047 | 2022246428 | 2022252735 | 2022258156 |
| 2022266556 | 2022267658 | 2022272956 | 2022279435 |
| 2022287537 | 2022287633 | 2022307322 | 2022318574 |
| 2022329267 | 2022338346 | 2022344803 | 2022374190 |
| 2022382622 | 2023200489 | 2023201918 | 2023202943 |
| 2023203280 | 2023203301 | 2023206084 | 2023210570 |
| 2023210593 | 2023216741 | 2023222911 | 2024200502 |

Assignments Registered

- 2005210648 General Electric Company The patent has been assigned to **ALSTOM Holdings**
- 2006228979 Wood-Shield Pty Ltd The patent has been assigned to **Shelton Timber Treatment Co. Pty. Ltd**
- 2008278222 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**
- 2008305504 General Electric Company The patent has been assigned to **ALSTOM Holdings**
- 2009202819 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**
- 2010265766 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**
- 2010300033 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**
- 2010300034 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**
- 2010355287 General Electric Company The patent has been assigned to **ALSTOM Holdings**
- 2011349031 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**

Assignments Registered

2012216545 Sharp, David The patent has been assigned to **Kadant Canada Corp**

2012315421 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**

2013206546 General Electric Company The patent has been assigned to **ALSTOM Holdings**

2013213662 General Electric Company The patent has been assigned to **ALSTOM Holdings**

2013220904 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**

2013228120 Landcare Research New Zealand Limited The patent has been assigned to **Animal Control Products Limited (Orillion)**

2013246396 General Electric Company The patent has been assigned to **ALSTOM Holdings**

2014245779 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**

2014391073 Sharp, David The patent has been assigned to **Kadant Canada Corp**

2015200059 General Electric Company The patent has been assigned to **ALSTOM Holdings**

2015205805 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**

2015217537 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2015249674 SGPH, LLC The patent has been assigned to **Adeia Media Holdings LLC**

2015298527 Haygain Ltd The patent has been assigned to **Farm & Stable Supplies LLP.**

2016100324 AC (Macao Commercial Offshore) Limited The patent has been assigned to **Techtronic Outdoor Products Technology Limited.**

2016256220 Cancer Research Technology Limited The patent has been assigned to **Achilles Therapeutics UK Limited**

2016277706 Romteck Australia Pty Ltd The patent has been assigned to **Romteck Grid Pty Ltd**

2016319316 Cancer Research Technology Limited The patent has been assigned to **Achilles Therapeutics UK Limited**

2016325554 Infinity Physics, LLC The patent has been assigned to **Electric Mayhem, LLC**

2017202473 Medicago Inc. The patent has been assigned to **Aramis Biotechnologies Inc.**

2017252566 SGPH, LLC The patent has been assigned to **Adeia Media Holdings LLC**

2018200088 ROMTECK AUSTRALIA PTY LTD The patent has been assigned to **Romteck Grid Pty Ltd**

2018215802 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2018297394 SHARP, David The patent has been assigned to **Kadant Canada Corp**

Assignments Registered

2019203053 SGPH, LLC The patent has been assigned to **Adeia Media Holdings LLC**

2019216666 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2019229430 SGPH, LLC The patent has been assigned to **Adeia Media Holdings LLC**

2019247776 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2019296320 Xinfu (Beijing) Medical Technology Co., Ltd. The patent has been assigned to **Beijing Yisheng Biotechnology Co., Ltd.**

2021107032 Romteck Australia Pty Ltd The patent has been assigned to **Romteck Grid Pty Ltd**

2021107669 Hitch & Go Pty Ltd The patent has been assigned to **Austworld Commodities Pty Ltd**

2021203425 SGPH, LLC The patent has been assigned to **Adeia Media Holdings LLC**

2021203432 SGPH, LLC The patent has been assigned to **Adeia Media Holdings LLC**

Licences Registered - Section 187, Reg. 19

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

2010294983 Botanic Century (Beijing) Co. Ltd. (Reducose Limited)

2022200542 Universität Bern; ETH Zürich (Vifor (International) AG)

Discharge of a Mortgage

2014203772 Discharge of a Mortgage was made in the Register on 08.07.2024 .

2015208666 Discharge of a Mortgage was made in the Register on 08.07.2024 .

2015255622 Discharge of a Mortgage was made in the Register on 08.07.2024 .

2015327748 Discharge of a Mortgage was made in the Register on 08.07.2024 .

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.

2012214224 **ZS Pharma, Inc**
 The earliest first regulatory approval date provided by the patentee 09 Apr 2024
 For the goods **LOKELMA sodium zirconium cyclosilicate hydrate**

2013334776 **ZS Pharma, Inc.**
 The earliest first regulatory approval date provided by the patentee 09 Apr 2024
 For the goods **LOKELMA sodium zirconium cyclosilicate hydrate**

2014346576 **ZS Pharma, Inc.**
 The earliest first regulatory approval date provided by the patentee 09 Apr 2024
 For the goods **LOKELMA sodium zirconium cyclosilicate hydrate**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

2016338753 **ZS Pharma, Inc.**

The earliest first regulatory approval date provided by the patentee 09 Apr 2024

For the goods **LOKELMA sodium zirconium cyclosilicate hydrate**

2016379097 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 20 Mar 2024

For the goods **ABRYSVO recombinant respiratory syncytial virus pre-fusion F protein**

2021202327 **Gilead Pharmasset LLC**

The earliest first regulatory approval date provided by the patentee 30 Jun 2014

For the goods **SOVALDI sofosbuvir**

2022200291 **Lobsor Pharmaceuticals Aktiebolag**

The earliest first regulatory approval date provided by the patentee 01 Sep 2023

For the goods **LECIGON levodopa**

Extensions granted

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

2020201153 **Seagen Inc.; Agensys, Inc.**

The earliest first regulatory approval date provided by the patentee 07 Jul 2022

For the goods **PADCEV enfortumab vedotin**

Extension of Term of patent pursuant to Section 77 expires on 29 Sep 2036

Corrigenda

In Vol 58 , No 26 , Page(s) 3754 under the heading **Assignments Before Grant, Section 113 - 2023** Under the name CCERI (Beijing) New Material Technology Co., Ltd, Application No. 2023201530, under INID (71) correct the applicant name to CCRI (Beijing) New Material Technology Co., Ltd.

In Vol 58 , No 27 , Page(s) 3912 under the heading **Amendments - Application for Amendments** Under the name Amova GmbH, Application No. 2020406389 correct the date of the statements filed to read 13 June 2024 and 21 June 2024

In Vol 58 , No 27 , Page(s) 3913 under the heading **Amendments - Amendments Made** Under the name HUNAN SINOBOM INTELLIGENT EQUIPMENT CO., LTD., Application No. 2022434139, under INID (54) correct the title to CONTROL METHOD AND CONTROL SYSTEM FOR CONTROLLING RETRACTION OF BOOM, MECHANICAL DEVICE AND STORAGE MEDIUM

Specifications Republished

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

2018337070 **Leo Cancer Care, Inc.**
 2020328503 **Ultradent Products, Inc.**
 2020480038 **THE SUPREME INDUSTRIES LTD**
 2021107672 **Earthmoving Industry Engineering Pty Ltd**

Specifications Republished

2021220335 **UPL LIMITED**
 2021377502 **WRIGHT, B.K.**
 2021388477 **INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD**
 2021391411 **PHARMA CINQ, LLC**
 2021397434 **ESKOM HOLDINGS SOC LIMITED**
 2021397991 **BEIJING ROBOROCK TECHNOLOGY CO., LTD.**
 2021399076 **MEDIMMUNE LIMITED**
 2021402932 **WALTERS BAY HOLDINGS, LLC**
 2021403890 **AWL IN IP PTY LTD**
 2021404160 **TAN, S.; YU, H.; YU, M.**
 2021404426 **TERRAMERA, INC.**
 2021405289 **PROGRESSIVE IP LIMITED**
 2021405752 **NICOVENTURES TRADING LIMITED**
 2021407711 **IREGENE THERAPEUTICS LTD**
 2021408790 **AMTIXBIO CO., LTD.**
 2021408930 **NEWMAN, S.D.; NEWMAN, D.L.**
 2021409381 **BIOCRYSST PHARMACEUTICALS, INC.**
 2021409558 **HERZLINGER, R.E.**
 2021409732 **INTELLIA THERAPEUTICS, INC.**
 2021409946 **NANOCOMP TECHNOLOGIES, INC.; The United States of America, as represented by the Secretary of the Navy**
 2021410089 **IMMUNOWAKE INC.**
 2021410653 **MATERIALS AND MACHINES CORPORATION OF AMERICA**
 2021411096 **DATCHEM**
 2021411431 **CAPITAL ONE SERVICES, LLC**
 2021411501 **BECTON, DICKINSON AND COMPANY**
 2021411694 **BIOEXTRAX AB**
 2021411868 **SENJU PHARMACEUTICAL CO., LTD.**
 2021412309 **MACGREGOR NORWAY AS**
 2021412681 **SUNTORY HOLDINGS LIMITED**
 2021412889 **Boart Longyear Company**
 2021412969 **WEINSTOCK, M.F.**
 2021413230 **CLARA FOODS CO.**
 2021413536 **QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.**
 2021414155 **HUAWEI TECHNOLOGIES CO., LTD.**
 2021414212 **AXSOME THERAPEUTICS, INC.**
 2021415218 **Sierra Valve LLC**
 2021416176 **DEXCOM, INC.**
 2021416533 **VANTAGE SANTOLUBES RESEARCH LLC**
 2021416728 **SGD S.A.**
 2021416824 **WORLDPAY, LLC**
 2021417544 **PARK, M.K.**
 2021417629 **NOKIA TECHNOLOGIES OY**
 2021419079 **HUAWEI TECHNOLOGIES CO., LTD.**
 2021419191 **BRITA SE**
 2021419207 **NICOVENTURES TRADING LIMITED**
 2021421082 **VÄLINGE INNOVATION AB**
 2021421301 **SNBC INC.**
 2021423918 **HUAWEI TECHNOLOGIES CO., LTD.**
 2021424943 **XINGZHONG (SHANDONG) ENERGY TECHNOLOGY CO., LTD.**
 2021426144 **ICST CORPORATION**
 2021426185 **SAMSUNG ELECTRONICS CO., LTD.**
 2021426744 **PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.**
 2021427330 **AUSMED GLOBAL LIMITED**
 2021427762 **METALOGENIA RESEARCH & TECHNOLOGIES S.L.**
 2021428799 **MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.**
 2021434045 **HUNAN SINOBOM INTELLIGENT EQUIPMENT CO., LTD.**
 2021459856 **CHIYODA CORPORATION; KYOTO UNIVERSITY**
 2022205105 **TECHNISCHE UNIVERSITÄT MÜNCHEN; TECHNISCHE UNIVERSITÄT MÜNCHEN - KLINIKUM RECHTS DER ISAR**

Specifications Republished

2022205368 True Essence Foods Inc.
 2022205370 BRISTOL-MYERS SQUIBB COMPANY; JANSSEN PHARMACEUTICA NV
 2022205373 THE JOHNS HOPKINS UNIVERSITY
 2022205555 UPL LIMITED
 2022205940 INAYA THERAPEUTICS, INC.
 2022206202 PUREWICK CORPORATION
 2022206315 INSURANCE SERVICES OFFICE, INC.
 2022206391 CLOUDFM INTEGRATED SERVICES LIMITED
 2022207415 BIOLOGICAL DYNAMICS, INC.
 2022207509 TREACE MEDICAL CONCEPTS, INC.
 2022207666 WONDERLAND SWITZERLAND AG
 2022207887 TECNORED DESENVOLVIMENTO TECNOLÓGICO S.A.
 2022208280 FORM ENERGY, INC.
 2022208362 INTEGRATED DNA TECHNOLOGIES, INC.
 2022208371 CASE WESTERN RESERVE UNIVERSITY; THE JOHNS HOPKINS UNIVERSITY
 2022208419 OCADO INNOVATION LIMITED
 2022208484 TRUSTEES OF TUFTS COLLEGE; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
 2022209095 FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
 2022209837 CONNOR SPORTS FLOORING, LLC
 2022210291 GATES CORPORATION
 2022210485 OBSIDIAN THERAPEUTICS, INC.
 2022210571 VIEWLINE B.V.
 2022210740 LI-METAL CORP.
 2022210861 GRASIM INDUSTRIES LIMITED
 2022211136 OCADO INNOVATION LIMITED
 2022211177 NEUROLOGIONS, INC.
 2022211184 CARMICHAEL, T.
 2022211203 TRIPLEW LTD.
 2022211425 NEPTUNE MEDICAL INC.
 2022212020 NOVASCAN, INC.
 2022212600 BAYER ANIMAL HEALTH GMBH
 2022212823 EUROFINS DISCOVERX CORPORATION
 2022212931 MCGINLEY ENGINEERED SOLUTIONS, LLC
 2022212952 UMOJA BIOPHARMA, INC.
 2022213375 NOVASCAN, INC.
 2022213509 MARGINUM OY
 2022213545 ALCON INC.
 2022214170 AERA THERAPEUTICS, INC.; UNIVERSITY OF UTAH RESEARCH FOUNDATION
 2022214230 ASAHI GROUP HOLDINGS, LTD.
 2022214259 BECTON DICKINSON FRANCE
 2022214319 REGENERON PHARMACEUTICALS, INC.
 2022214403 MAF AGROBOTIC
 2022214511 BPG SALES AND TECHNOLOGY INVESTMENTS, LLC
 2022214555 WESTINGHOUSE ELECTRIC COMPANY LLC
 2022215680 ZHANG, H.
 2022216903 FISHER & PAYKEL HEALTHCARE LIMITED
 2022217094 DAEWOONG CO., LTD.
 2022217587 NICHIMO CORPORATION; C. I. TAKIRON CORPORATION; C. I. TAKIRON CIVIL CORPORATION
 2022218184 QUNNECT, INC.
 2022218337 GANYMED ROBOTICS
 2022218377 METSO OUTOTEC FINLAND OY
 2022218710 TAKEDA PHARMACEUTICAL COMPANY LIMITED
 2022218771 DANA-FARBER CANCER INSTITUTE, INC.
 2022219474 BK GIULINI GMBH
 2022219981 CONCEALFAB INC.
 2022220027 UNIVERSITY OF MASSACHUSETTS; Ernest Pharmaceuticals, Inc.
 2022220693 SOUTHERN FELT COMPANY, INC.
 2022220893 RINGSHALL, A.
 2022220943 BLIS TECHNOLOGIES LIMITED
 202222458 KALVISTA PHARMACEUTICALS LIMITED

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2022222674 INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION
 2022222816 THE PROCTER & GAMBLE COMPANY
 2022222937 REMEGEN CO., LTD.
 2022223310 ELECTROLUX APPLIANCES AKTIEBOLAG
 2022223462 GUSTAV PIRAZZI & COMP. GMBH & CO. KG
 2022223523 ROCBOLT TECHNOLOGIES (PTY) LTD.
 2022224676 BOSTON SCIENTIFIC SCIMED, INC.
 2022226409 ETHRIS GMBH
 2022226621 THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
 2022227176 SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
 2022227434 PlotLogic Pty Ltd
 2022227687 BOSTON SCIENTIFIC NEUROMODULATION CORPORATION; AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC.
 2022230745 FORMYCON AG
 2022231068 NANTBIO, INC.
 2022231400 TURUN YLIOPISTO
 2022232691 UNILEVER GLOBAL IP LIMITED
 2022234852 BERICAP HOLDING GMBH
 2022234935 NGK INSULATORS, LTD.
 2022239825 CYBIN IRL LIMITED
 2022248761 LUNIT INC.
 2022257471 CHUGAI SEIYAKU KABUSHIKI KAISHA
 2022259684 HALLIBURTON ENERGY SERVICES, INC.
 2022281231 HALLIBURTON ENERGY SERVICES, INC.
 2022298345 NANTONG JIANGSHAN AGROCHEMICAL & CHEMICALS CO., LTD
 2022306695 HIPURA PTY LTD
 2022322637 BIRD HEALTHCARE PTY LTD
 2022330960 TONGWEI SOLAR (JINTANG) CO., LTD.
 2022338577 CHINA UNIVERSITY OF MINING AND TECHNOLOGY
 2022415577 FURUKAWA ELECTRIC CO., LTD.
 2022430364 EXO IMAGING, INC.
 2023207772 Versuni Holding B.V.