



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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or contact our Customer Service Network on 1300651010*

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Freedom of Information ACT

Professional Standards Board

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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 28 November 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

ASSA ABLOY Australia Pty Ltd v Ace Products Holdings Pty Ltd [2024] APO 45

Patent Application: 2016204726

Title: Improved Door Furniture and Method of Installation

Patent Applicant: Ace Products Holdings Pty Ltd

Opponent: ASSA ABLOY Australia Pty Ltd

Delegate: Stephanie Howard

Decision Date: 14 November 2024

Hearing Date: 4th September 2024, via video conference

Catchwords: **PATENTS** – opposition to the grant of patent – s 59 – clarity – claims are clear – clear enough and complete enough disclosure – claims do not comply with s 40(2)(a) – claims lack support – claims do not comply with s 40(3) – novelty – claims are novel – inventive step – claims are inventive – opposition successful – opportunity to amend – cost awarded

Representation: Patent attorney for the applicant: Philipp Orth from Wynnes Patent and Trade Mark Attorneys Pty Ltd
Patent attorney for the opponent: Mathew Campbel from ET Patents Limited

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 28 November 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Paige.AI, Inc. [2024] APO 46

Patent Application: 2020421609

Title: Systems and methods for analyzing electronic images for quality control

Patent Applicant: Paige.AI, Inc.

Delegate: Dr David Carberry

Decision Date: 18 November 2024

Hearing Date: 15 February 2024, by Written Submissions

Catchwords: **PATENTS** – Examiner Objection hearing – s 45 – whether claims lack a manner of manufacture – artificial intelligence – use of machine learning models – quality control and assurance of pathology images – whether substance lies in an improved method of analysing images – substance lies in an administrative scheme to automate the role of a pathologist – all claims lack a manner of manufacture – no patentable subject matter identified in the specification – application refused

Representation: Patent attorneys for the applicant: Rory Campbell and Ross Clark of Davies Collison Cave

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 12 Nov 2024 .

| | | |
|---|---|--|
| (71) AgCoTech IP Pty Ltd (21) 2024903810 (22) 19.11.2024 (54) METHANE-REDUCING FEED ADDITIVE | (71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2024903784 (22) 18.11.2024 (54) AN IMPROVED RENEWABLE ELECTRICAL POWER GENERATOR ARRANGEMENT AND A METHOD OF PRODUCING ELECTRICAL POWER GENERATION FROM SAID GENERATOR ARRANGEMENT | (71) Chambers, B. (21) 2024903741 (22) 14.11.2024 (54) Residential/Commercial Tools, Equipment, sports and recreational, music and entertainment online hire and rental platform for the general consumer. |
| (71) AirAgri Pty Ltd (21) 2024903757 (22) 14.11.2024 (54) System for environment-based accident, incident or risk detection | Bonser, I. see Stojevski, M. (21) 2024903802 | (71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903756 (22) 14.11.2024 (54) Methods for capturing sulfur dioxide |
| (71) Arakel, A.; Pact Renewables Pty Ltd (21) 2024903751 (22) 14.11.2024 (54) Media, methods of production and application of the same for carbon dioxide removal | (71) Breville Pty Limited (21) 2024903746 (22) 14.11.2024 (54) Kitchen appliance | (71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903791 (22) 18.11.2024 (54) METHOD OF PRODUCING A DOPED METALLIC POWDER |
| (71) Ashley, G. (21) 2024903736 (22) 13.11.2024 (54) A guard assembly for a vehicle door | (71) Burke Creative Pty Ltd (21) 2024903778 (22) 16.11.2024 (54) Closure for a container | (71) Croft, T. (21) 2024903742 (22) 14.11.2024 (54) Utilizing fossil fuels in an environmentally safe manner |
| (71) AZ13 PTY LTD. (21) 2024903773 (22) 15.11.2024 (54) Filler Material Application System and Method for Controlled Joint Formation | (71) ByGen Pty Ltd (21) 2024903702 (22) 12.11.2024 (54) Improved Method of Producing Activated Carbon Material | (71) DAVID JOHN LEHAR GRAHAM (21) 2024903789 (22) 18.11.2024 (54) OPTICAL APPARATUS, SYSTEM AND METHOD FOR DETERMINING A PROPERTY OF AT LEAST ONE PARTICLE |
| Ballaben, P. see Ghinis, G. (21) 2024903800 | (71) Cenagen Pty Ltd (21) 2024903728 (22) 13.11.2024 (54) Concrete mixing system and concrete mixing method | (71) durack, m. (21) 2024903816 (22) 19.11.2024 (54) PROVISIONAL SPECIFICATION FOR LOW RELUCTANCE TORQUE IMBEDDED PERMANENT MAGNET MOTOR |
| (71) Binns, J. (21) 2024903771 (22) 15.11.2024 (54) Dental Formulation for Pet Oral Health | (71) Cenagen Pty Ltd (21) 2024903730 (22) 13.11.2024 (54) Waste processing method and system | (71) Economides, N. (21) 2024903792 (22) 18.11.2024 (54) A HITCH AND TRAILER ASSEMBLY |
| (71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2024903783 (22) 18.11.2024 (54) AN IMBALANCED WHEEL APPARATUS AND AN IMBALANCED WHEEL ARRANGEMENT | (71) Central Adelaide Local Health Network Inc (21) 2024903705 (22) 12.11.2024 (54) PRODUCTS AND METHODS FOR THE ASSESSMENT AND TREATMENT OF SEPSIS AND IMMUNOLOGICAL AND INFLAMMATORY CONDITIONS | |

Provisional Applications Filed - Name Index cont'd

(71) Engenex Pty Ltd
(21) 2024903769 (22) 15.11.2024
(54) RATED WASHER

(71) Fortescue Future Industries Pty Ltd
(21) 2024903737 (22) 13.11.2024
(54) Ventilation system for a hydrogen power generator

(71) FutureFeed Pty Ltd
(21) 2024903775 (22) 15.11.2024
(54) METHODS OF CONTROLLING ANTI-METHANOGENIC HALOMETHANE PRODUCTION

(71) Gale Pacific Limited
(21) 2024903768 (22) 15.11.2024
(54) YARN FOR FABRIC AND FABRIC

(71) Galeri AG
(21) 2024903801 (22) 18.11.2024
(54) Method and System for Pharmacokinetic Studies Utilizing Brain-Dead Human Participants with Eucleated Tissues for Therapeutic Analysis Across Various Organs

(71) Gamma Vaccines Pty Limited
(21) 2024903738 (22) 14.11.2024
(54) Newcastle disease virus combination vaccine

(71) Gamma Vaccines Pty Limited
(21) 2024903739 (22) 14.11.2024
(54) Newcastle disease virus vaccine

(71) Ghinis, G.; Ballaben, P.
(21) 2024903800 (22) 18.11.2024
(54) AN APPARATUS FOR DRAWING A UTENSIL FROM A CASING OR GARMENT

(71) Gold Honesty Pty Ltd
(21) 2024903794 (22) 18.11.2024
(54) Ground loading trailer

(71) GOODE, C.; KANNAPPAN, K.; YANG, Z.
(21) 2024903726 (22) 13.11.2024
(54) A process for metallisation and bonding of silicon carbide surfaces

(71) Green Eco International Ltd
(21) 2024903776 (22) 15.11.2024
(54) System and method for treatment of organic matter

Hodge, N. see Low, A.
(21) 2024903760

(71) Hol Special Parts Pty Ltd
(21) 2024903732 (22) 13.11.2024
(54) A utility vehicle canopy corner assembly

(71) Houghton Leisure Products Pty Ltd
(21) 2024903753 (22) 14.11.2024
(54) SYSTEM FOR EXTRACTING WATER FROM AIR

(71) House, A.
(21) 2024903743 (22) 13.11.2024
(54) Portable platform

(71) HTN RESEARCH PTY LTD
(21) 2024903748 (22) 14.11.2024
(54) A new rowing method for superior marine propulsion involving paddle orientation using both feet: providing superior speed, efficiency, stability, maneuverability and scalability; ease of operation with untrained crews; ease of implementation upon existing rowboats; and evolution to electrically powered drives for arbitrarily large ships.

(71) Illinois Tool Works Inc.
(21) 2024903815 (22) 19.11.2024
(54) Fastener guide

(71) Ivex Pty Ltd
(21) 2024903774 (22) 15.11.2024
(54) A Muffler System

(71) IX Resins & RO Membranes Australia Pty Ltd
(21) 2024903709 (22) 12.11.2024
(54) A SYSTEM AND METHOD FOR REMOVING CONTAMINANTS

Jackson, L. see Jackson, C.
(21) 2024903804

Jackson, S. see Jackson, C.
(21) 2024903804

(71) Jackson, C.; Jackson, L.; Jackson, S.
(21) 2024903804 (22) 19.11.2024
(54) A Hoarding System

(71) JAMES, N.
(21) 2024903743 (22) 14.11.2024
(54) RIDE CONTROL SYSTEM

(71) JAMESON, G.
(21) 2024903750 (22) 14.11.2024
(54) METHOD AND APPARATUS FOR INTENSIVE FROTH FLOTATION

(71) Jean, G.
(21) 2024903809 (22) 19.11.2024
(54) An eco-friendly mixed pack of feminine hygiene products, containing sanitary pads, tampons, and/or period underwear

Jones, J. see Jones, D.
(21) 2024903807

(71) Jones, D.; Jones, J.
(21) 2024903807 (22) 19.11.2024
(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR ENHANCING CONSUMER ENGAGEMENT WITH FOOD VENDORS

(71) Kambouris, A.
(21) 2024903734 (22) 13.11.2024
(54) Processes

KANNAPPAN, K. see GOODE, C.
(21) 2024903726

(71) Kao, Y.H.
(21) 2024903781 (22) 17.11.2024
(54) Predictive Calculator

(71) KCDC Hot Water Heaters
(21) 2024903795 (22) 18.11.2024
(54) ELECTRIC HOT WATER MICRO-TANK PREHEATER UNIT (4)

(71) KDB INTELLECTUAL PTY LTD
(21) 2024903811 (22) 19.11.2024
(54) ELECTROMAGNETIC SEAL SECURE DOOR SET

(71) Kinosis Therapeutics Pty Ltd
(21) 2024903787 (22) 18.11.2024
(54) Ureido oxytocin receptor agonists

Lace Guard Australia see Lavorato, A.
(21) 2024903782

(71) Laronix Pty Ltd
(21) 2024903808 (22) 19.11.2024
(54) Artificial voice generation system

(71) Lavorato, A.; Lace Guard Australia
(21) 2024903782 (22) 18.11.2024
(54) Lace Guard

(71) Linnow, G.
(21) 2024903790 (22) 18.11.2024
(54) ELASTIC SURFBOARD PROTECTOR AND METHOD OF USE

Provisional Applications Filed - Name Index cont'd

(71) Lotus Folding Walls & Doors Pty Ltd
 (21) 2024903704 (22) 12.11.2024
 (54) TOP-HANGING ACOUSTIC SLIDING DOORS HAVING IMPROVED PERFORMANCE

(71) Low, A.; Hodge, N.; Yu, M.; Savoie, M.
 (21) 2024903760 (22) 15.11.2024
 (54) Cold stabilisation of wine

(71) LOW, K.
 (21) 2024903812 (22) 19.11.2024
 (54) Medical Organiser

(71) LUTUR GROUP PTY LTD
 (21) 2024903758 (22) 14.11.2024
 (54) INTEGRATED HEALTH MONITORING SYSTEM FOR MEDIUM, HIGH VOLTAGE AND EXTRA HIGH VOLTAGE ELECTRICAL ASSETS

(71) Macalister Rowan, M.
 (21) 2024903755 (22) 14.11.2024
 (54) Skateboard Wall Hanger with Rotating Clamping Arms

(71) Mahoney, M.
 (21) 2024903754 (22) 14.11.2024
 (54) PPwire

(71) Mastalir, P.
 (21) 2024903740 (22) 14.11.2024
 (54) Structural frame or body incorporating structural hydrogen storage vessels

(71) Mastalir, P.; Morgan, K.
 (21) 2024903772 (22) 15.11.2024
 (54) Drill Bit for Drilling Composite Materials

(71) mauger, j.
 (21) 2024903780 (22) 17.11.2024
 (54) insect capture device

(71) Menzies, G.W.
 (21) 2024903716 (22) 13.11.2024
 (54) TRANSPORTATION PALLET

(71) Mind My Phone Pty Ltd
 (21) 2024903786 (22) 18.11.2024
 (54) POUCH LOCKING MECHANISM

Miniprobates Pty Ltd see The University of Adelaide
 (21) 2024903785

(71) Mint Innovation Limited
 (21) 2024903729 (22) 13.11.2024
 (54) Process for recovering metal from feed-stocks

(71) Mint Innovation Limited
 (21) 2024903731 (22) 13.11.2024
 (54) Process for recovering metal from feed-stocks

(71) Mobile Digital IP Pty Ltd
 (21) 2024903708 (22) 12.11.2024
 (54) System and method for generating and delivering a personalised rich media message having a redeemable component

(71) Monash University
 (21) 2024903701 (22) 12.11.2024
 (54) Electrocatalyst, and process for its production

Morgan, K. see Mastalir, P.
 (21) 2024903772

(71) Murphy, G.
 (21) 2024903803 (22) 18.11.2024
 (54) Oral flavour rich dissolvable wafer, designed to dissolve in the mouth (oral cavity) leaving a strong burst of flavour. These wafers are to help satisfy tast (one of the humans 5 sensory) when digestive foods cannot be consumed.

(71) Neurotech International Ltd
 (21) 2024903747 (22) 14.11.2024
 (54) Compositions and methods for modifying proteomic pathways

(71) NewSouth Innovations Pty Limited
 (21) 2024903798 (22) 18.11.2024
 (54) Thermosetting resins and composites and methods of fabricating the same

(71) Next Gen Genetics Pty Ltd
 (21) 2024903814 (22) 19.11.2024
 (54) Systems and devices for monitoring liquid nitrogen levels

(71) niclair, d.
 (21) 2024903777 (22) 16.11.2024
 (54) On-Demand Housing Platform for Fast Construction and Pre-Approved Sites

(71) OmniScience
 (21) 2024903718 (22) 13.11.2024
 (54) "InfiniSee" is a computer modeling software that extends a narrative to infinity by using interval data available.

(71) OmniScience
 (21) 2024903719 (22) 13.11.2024
 (54) "OMN1" is a computer system that expresses Ternary in Boolean Logic.

(71) OmniScience
 (21) 2024903720 (22) 13.11.2024
 (54) "Ad Infinitum" is a reporting software that levers Information Architecture to calculate convergence of binary transactions on a ternary scale.

(71) OmniScience
 (21) 2024903721 (22) 13.11.2024
 (54) "FRACTAL" is a computer modeling software to process business manipulations.

(71) OmniScience
 (21) 2024903722 (22) 13.11.2024
 (54) "IOTA" is a software that computes the number of microstates consistent with the macroscopic state of a closed system.

(71) OmniScience
 (21) 2024903723 (22) 13.11.2024
 (54) "ONUS" is a legal accountability software that processes the law in the form of pyramidal frameworks in order to bridge gaps in the legislative system.

(71) OmniScience
 (21) 2024903724 (22) 13.11.2024
 (54) "PRISM" is a Machine Learning software that applies the Arithmetic Tetrahedron in its algorithms to detect disinformation through information architecture analysis.

(71) OmniScience
 (21) 2024903725 (22) 13.11.2024
 (54) "USB" is an Accounting software that applies the Arithmetic Tetrahedron to calculate convergence of binary transactions on a ternary scale.

(71) OmniScience
 (21) 2024903764 (22) 15.11.2024
 (54) "PhaSet" is a dowsing software that condenses historical information in the form of pyramidal structures in order to reveal the motives in patterns.

(71) Orica Explosives Technology Pty Ltd
 (21) 2024903762 (22) 15.11.2024
 (54) Electronic Device for Blasting Operations

Provisional Applications Filed - Name Index cont'd

(71) Osteo-X Pty Ltd
(21) 2024903806 (22) 19.11.2024
(54) INTRAMEDULLARY NAIL REMOVAL APPARATUS AND METHOD

Pact Renewables Pty Ltd see Arakel, A.
(21) 2024903751

(71) Paradigm Fuels Pty Ltd
(21) 2024903799 (22) 18.11.2024
(54) A System and Method for Growing Algae

(71) PETPRO360 IP PTY LTD
(21) 2024903813 (22) 19.11.2024
(54) AN ANIMAL ACCOMMODATION FACILITY AT AN ANIMAL BOARDING PREMISES

(71) PYC Therapeutics Limited
(21) 2024903714 (22) 13.11.2024
(54) Improved compositions and methods for treatment of monogenic neurodevelopmental disorders 8

(71) Rafferty, R.
(21) 2024903759 (22) 14.11.2024
(54) Golf Protective Hat Insert

(71) Rakman International Pty Ltd
(21) 2024903805 (22) 19.11.2024
(54) Universal Steel Deck Adaptor Plate for Passive Fire Protection of Service Penetrations

ResMed Asia Pacific Limited see ResMed Pty Ltd
(21) 2024903767

(71) ResMed Asia Pte. Ltd.
(21) 2024903710 (22) 12.11.2024
(54) HEADGEAR FOR PATIENT INTERFACES

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2024903765

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2024903767

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2024903765 (22) 15.11.2024
(54) SYSTEM AND METHOD FOR DELIVERING COGNITIVE BEHAVIOUR THERAPY FOR INSOMNIA

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.; ResMed Asia Pacific Limited
(21) 2024903767 (22) 15.11.2024
(54) A SYSTEM AND METHOD FOR TREATING SLEEP-RELATED RESPIRATORY DISORDERS

Savoie, M. see Low, A.
(21) 2024903760

(71) Scolaro, A.
(21) 2024903763 (22) 15.11.2024
(54) A Power Drive

(71) Singh, R.
(21) 2024903779 (22) 16.11.2024
(54) flowers vending machine, fresh flowers vending machine, bouquet vending machine

(71) SpeedX Pty Ltd
(21) 2024903744 (22) 14.11.2024
(54) Temperature dependent probes for target detection

(71) Steber, T.
(21) 2024903715 (22) 13.11.2024
(54) Tipping Wheelbarrow

(71) Stojevski, M.; Bonser, I.
(21) 2024903802 (22) 18.11.2024
(54) Systems and methods for real-time video streaming

(71) Sussex Taps Pty Ltd
(21) 2024903717 (22) 13.11.2024
(54) Tapware

(71) Tapcorp Australia Pty Ltd
(21) 2024903752 (22) 14.11.2024
(54) Hydrant System with Preassembled Standpipe and Weighted Base

(71) The University of Adelaide; Miniprobes Pty Ltd
(21) 2024903785 (22) 18.11.2024
(54) OPTICAL MEASUREMENT ATTACHMENT APPARATUS

(71) The University of Melbourne
(21) 2024903727 (22) 13.11.2024
(54) Process for recovering cement powder from waste concrete

(71) The University of Sydney
(21) 2024903749 (22) 14.11.2024
(54) Indoor localisation

(71) Tylan Investments Pty Ltd
(21) 2024903793 (22) 18.11.2024
(54) Systems and methods of an arm support for use during a dialysis procedure

(71) VAXMED Pty Ltd
(21) 2024903735 (22) 13.11.2024
(54) Vaccinia viral compositions and related methods for cancer immunotherapy

(71) VivaZome Therapeutics Pty Ltd
(21) 2024903766 (22) 15.11.2024
(54) COMPOSITIONS FOR TREATMENT OR PREVENTION OF INFLAMMATION

(71) West, M.
(21) 2024903745 (22) 14.11.2024
(54) Switch dimmer

(71) Wilkinson, J.
(21) 2024903770 (22) 15.11.2024
(54) Process for applying waterproofing bandage

(71) Womersley, G.
(21) 2024903788 (22) 18.11.2024
(54) A form of geometric algorithms. This is Encryption based on the Taurus and its geometry, as a taurus always identifies with a vertical upright axis and mathematically equates to 9 means that all shapes put together the geometry would always equal (a multiple of 9).

(71) Woodward, J.D.
(21) 2024903761 (22) 15.11.2024
(54) METHOD FOR DETERMINING A TAXATION LIABILITY

YANG, Z. see GOODE, C.
(21) 2024903726

Yu, M. see Low, A.
(21) 2024903760

(71) ZINNIATEK LIMITED
(21) 2024903796 (22) 18.11.2024
(54) POLYMERIC COMPOSITE MATERIAL

(71) ZINNIATEK LIMITED
(21) 2024903797 (22) 18.11.2024
(54) POLYMERIC COMPOSITE MATERIAL

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| 2024903730 | Cenagen Pty Ltd | 2024903796 | ZINNIATEK LIMITED |
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| 2024903755 | Macalister Rowan, M. | | |
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| 2024903762 | Orica Explosives Technology Pty Ltd | | |
| 2024903763 | Scolaro, A. | | |
| 2024903764 | OmniScience | | |
| 2024903765 | ResMed Pty Ltd; ResMed Asia Pte. Ltd. | | |
| 2024903766 | VivaZome Therapeutics Pty Ltd | | |
| 2024903767 | ResMed Pty Ltd; ResMed Asia Pte. Ltd.; ResMed Asia Pacific Limited | | |
| 2024903768 | Gale Pacific Limited | | |
| 2024903769 | Engenex Pty Ltd | | |
| 2024903770 | Wilkinson, J. | | |
| 2024903771 | Binns, J. | | |
| 2024903772 | Mastalir, P.; Morgan, K. | | |

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Nov 2024 .

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

| | | |
|---|---|--|
| <hr/> <p>(71) 1005, LLC (21) 2024264622 (22) 13.11.2024 (54) Breathable gas and water hose apparatus</p> <hr/> <p>(71) 1934612 Ontario Inc. (21) 2024264731 (22) 18.11.2024 (54) SYSTEMS AND METHODS FOR A LOW ENVIRONMENTAL IMPACT TREATMENT OF CONTAMINATED FLUID</p> <hr/> <p>(71) A.L KHATRI & C.S NEGUS & G.E NEGUS & S NEGUS (21) 2024264688 (22) 15.11.2024 (54) Anteaiox Medicinal Herbal Tea Formulation for Treatment Assistance in Comorbidities of Metabolic Syndrome Diseases, including Type 2 Diabetes</p> <hr/> <p>(71) Abiomed, Inc. (21) 2024264636 (22) 14.11.2024 (54) Integrated expandable access for medical device introducer</p> <hr/> <p>(71) Acres Technology (21) 2024264647 (22) 14.11.2024 (54) System for Trade-In Bonus</p> <hr/> <p>(71) AgroSpheres, Inc. (21) 2024264598 (22) 13.11.2024 (54) Compositions and methods for the encapsulation and scalable delivery of agrochemicals</p> <hr/> <p>(71) ALLEN HOUSE MIRROR & GLASS PTY LIMITED (21) 2024264672 (22) 15.11.2024 (54) A Shower Recess and Kit</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024264588 (22) 13.11.2024 (54) Game management system</p> <hr/> <p>(71) Apple Inc. (21) 2024264635 (22) 14.11.2024 (54) Maintaining context information between user interactions with a voice assistant</p> <hr/> | <p>(71) Applied Medical Resources Corporation (21) 2024264674 (22) 15.11.2024 (54) Hysterectomy model</p> <hr/> <p>(71) Arcellx, Inc. (21) 2024264685 (22) 15.11.2024 (54) D-domain containing polypeptides and uses thereof</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024264737 (22) 18.11.2024 (54) GAMING SYSTEMS AND OPERATIONS INCLUDING WALKING SYMBOLS WITH PERSISTENT FEATURES</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024264664 (22) 14.11.2024 (54) METHOD AND SYSTEM FOR DISPLAY ASSEMBLY HINGING</p> <hr/> <p>(71) AstraZeneca UK Limited (21) 2024264724 (22) 18.11.2024 (54) Systems and methods for dispensing a statin medication over the counter</p> <hr/> <p>(71) Automation Tech, LLC (21) 2024264653 (22) 14.11.2024 (54) Modular cooking appliance having a grease shield</p> <hr/> <p>(71) Baker Hughes Oilfield Operations LLC (21) 2024264733 (22) 18.11.2024 (54) Method for predicting behavior of a degradable device, downhole system and test mass</p> <hr/> <p>(71) Blackhawk Network, Inc. (21) 2024264606 (22) 13.11.2024 (54) System and method for facilitating a purchase transaction via a merchant's foreign website</p> <hr/> <p>(71) Boehringer Ingelheim Vetmedica GmbH (21) 2024264726 (22) 18.11.2024 (54) Vaccine against porcine parvovirus and porcine reproductive and respiratory syndrome virus and methods of production thereof</p> <hr/> <p>(71) Boston Scientific Scimed, Inc. (21) 2024264753 (22) 19.11.2024</p> | <p>(54) Devices for fluidization and delivering a powdered agent</p> <hr/> <p>Brown, G. see Brown, L. (21) 2024264594</p> <hr/> <p>(71) Brown, L.; Brown, G. (21) 2024264594 (22) 13.11.2024 (54) APPARATUSES, SYSTEMS, AND METHODS FOR EXTRACTION AND/OR STORAGE OF ENERGY FROM MOVING FLUIDS</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2024264578 (22) 12.11.2024 (54) Method, apparatus and system for encoding and decoding a tensor</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2024264602 (22) 13.11.2024 (54) Cartridge and drum unit for electrophotographic image forming apparatus</p> <hr/> <p>(71) Canva Pty Ltd (21) 2024264612 (22) 13.11.2024 (54) Systems and methods for processing designs</p> <hr/> <p>(71) Canva Pty Ltd (21) 2024264621 (22) 13.11.2024 (54) Systems and methods for processing designs</p> <hr/> <p>(71) Canva Pty Ltd (21) 2024264736 (22) 18.11.2024 (54) Methods and systems for image editing</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2024264605 (22) 13.11.2024 (54) DOOR HINGE CUSHIONING ARRANGEMENT</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2024264611 (22) 13.11.2024 (54) GRID FIRING INVERTER FOR FAST VOLTAGE SUPPORT IN MICROGRID</p> <hr/> <p>(71) Cell Cure Neurosciences Ltd. (21) 2024264609 (22) 13.11.2024 (54) Retinal pigment epithelium cell compositions</p> |
|---|---|--|

Complete Applications Filed - Name Index cont'd

(71) CFPH, LLC
 (21) 2024264641 (22) 14.11.2024
 (54) MULTI-DISPLAY COMPUTER TERMINAL SYSTEM

(71) CHEP Technology Pty Limited
 (21) 2024264718 (22) 14.11.2024
 (54) SITE MATCHING FOR ASSET TRACKING

(71) Cloud DX, Inc., A Corporation of Delaware
 (21) 2024264665 (22) 14.11.2024
 (54) Augmented reality systems for time critical biomedical applications

(71) COMFITPRO (PTY) LTD
 (21) 2024264678 (22) 15.11.2024
 (54) Method of Printing on a Lawn Bowling Ball

(71) ConocoPhillips Company
 (21) 2024264586 (22) 13.11.2024
 (54) REAL TIME DOWNHOLE WATER CHEMISTRY AND USES

(71) CRDC Global Limited
 (21) 2024264676 (22) 15.11.2024
 (54) Preconditioned resin aggregate

(71) CROWN EQUIPMENT CORPORATION
 (21) 2024264681 (22) 15.11.2024
 (54) Systems and methods for supervising industrial vehicles via encoded vehicular objects shown on a mobile client device

(71) CSR Building Products Limited
 (21) 2024264617 (22) 13.11.2024
 (54) Ventilator Ember Guard

(71) CSR Building Products Limited
 (21) 2024264626 (22) 13.11.2024
 (54) Ventilator

(71) D.I.Y Drumming Online
 (21) 2024264590 (22) 13.11.2024
 (54) DIY Drumming Letter System

(71) Derrick Corporation
 (21) 2024264589 (22) 13.11.2024
 (54) INJECTION MOLDED SCREENING APPARATUSES AND METHODS

Discoe, J. see Wagner, J.
 (21) 2024264708

(71) Dolby Laboratories Licensing Corporation
 (21) 2024264637 (22) 14.11.2024
 (54) System and tools for enhanced 3D audio authoring and rendering

(71) Dometic Sweden AB
 (21) 2024264625 (22) 13.11.2024
 (54) Handle and vehicle-mounted refrigerator

(71) Ecommerce Enablers Pte. Ltd.
 (21) 2024264600 (22) 13.11.2024
 (54) SYSTEM AND METHOD FOR PRESENTATION OF OFF-PLATFORM INCENTIVE INFORMATION DURING A MERCHANT PLATFORM SHOPPING SESSION

(71) Editas Medicine, Inc.
 (21) 2024264658 (22) 14.11.2024
 (54) Optimized crispr/cas9 systems and methods for gene editing in stem cells

(71) Edwards Lifesciences Corporation
 (21) 2024264649 (22) 14.11.2024
 (54) Heart valve docking coils and systems

(71) Electrolux Appliances Aktiebolag
 (21) 2024264697 (22) 15.11.2024
 (54) FILTER FOR AN APPLIANCE FOR WASHING LAUNDRY OR TEXTILE ARTICLES

(71) Enterobiome Inc.
 (21) 2024266699 (22) 19.11.2024
 (54) Medium composition for culturing Faecalibacterium prausnitzii strain

(71) Fasetto, Inc.
 (21) 2024264655 (22) 14.11.2024
 (54) Systems and methods for message editing

(71) Faw Jiefang Automotive Co., Ltd.
 (21) 2024264704 (22) 15.11.2024
 (54) VEHICLE AIR INTAKE SYSTEM AND VEHICLE

(71) Figene, LLC
 (21) 2024264754 (22) 19.11.2024
 (54) Augmentation of fibroblast regenerative activity

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2024264667 (22) 15.11.2024
 (54) BREATHING ASSISTANCE APPARATUS

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2024264755 (22) 19.11.2024
 (54) DIRECTIONAL LOCK FOR INTERFACE HEADGEAR ARRANGEMENT

(71) FMC Technologies, Inc.
 (21) 2024264604 (22) 13.11.2024
 (54) SUBMERSIBLE REMOTE OPERATED VEHICLE TOOL CHANGE CONTROL

(71) Fresenius Vial SAS
 (21) 2024264603 (22) 13.11.2024
 (54) Systems and methods for controlling a plurality of drug libraries

(71) Gauthier Biomedical, Inc.
 (21) 2024264713 (22) 18.11.2024
 (54) RATCHETING MECHANISM FOR A TOOL

(71) Gentex Corporation
 (21) 2024264634 (22) 14.11.2024
 (54) Helmet mounted visor assembly

(71) GE Video Compression, LLC
 (21) 2024264701 (22) 15.11.2024
 (54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts

(71) GE Video Compression, LLC
 (21) 2024264702 (22) 15.11.2024
 (54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts

(71) GTE Group Pty Ltd
 (21) 2024264709 (22) 15.11.2024
 (54) ANTI COLLISION TEST SYSTEM

(71) Guangzhe Enterprise Co., Ltd.
 (21) 2024264657 (22) 14.11.2024
 (54) COLLATED-SCREW-BAND ASSEMBLY HAVING SHOULDER WASHERS

(71) HEANEY, M.
 (21) 2024264722 (22) 18.11.2024
 (54) A LID ATTACHMENT

(71) Hemispherian AS
 (21) 2024264750 (22) 19.11.2024
 (54) DEOXY- CYTIDINE OR URIDINE DERIVATIVES FOR USE IN CANCER THERAPIES

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(71) Hilti Aktiengesellschaft
(21) 2024264686 (22) 15.11.2024
(54) Fastening method

Hlushchenko, M. see Maiorov, V.
(21) 2024264730

(71) Huawei Technologies Co., Ltd.
(21) 2024264587 (22) 13.11.2024
(54) BANDWIDTH MODE INDICATION METHOD AND APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2024264751 (22) 19.11.2024
(54) VIDEO PICTURE PREDICTION METHOD AND APPARATUS

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2024264614 (22) 13.11.2024
(54) COMMUNICATION METHOD AND APPARATUS

(71) Idemia Identity & Security France
(21) 2024264643 (22) 14.11.2024
(54) Road traffic monitoring robot image acquisition device installation kit

(71) IGT
(21) 2024264629 (22) 14.11.2024
(54) SYSTEM AND METHOD FOR MANAGING PLAYER DATA ACROSS DIFFERENT GAMING ENTITIES

(71) IGT
(21) 2024264752 (22) 19.11.2024
(54) Proximity Based Conditional Rewards for Casino Users

(71) Illinois Tool Works Inc.
(21) 2024264738 (22) 18.11.2024
(54) A joint edge protection apparatus – shearing clamping rivets

(71) Illinois Tool Works Inc.
(21) 2024264739 (22) 18.11.2024
(54) A joint edge protection apparatus – directional joint offset extensions

(71) Illinois Tool Works Inc.
(21) 2024264740 (22) 18.11.2024
(54) A joint edge protection apparatus – replaceable top plate

(71) Illinois Tool Works Inc.
(21) 2024264741 (22) 18.11.2024
(54) A joint edge protection apparatus – adjustable screw base

(71) Imtrade Australia Pty Ltd
(21) 2024264694 (22) 15.11.2024
(54) Formulations

(71) Inifant Health, Inc
(21) 2024264651 (22) 14.11.2024
(54) ACTIVATED BIFIDOBACTERIA AND METHODS OF USE THEREOF

(71) Inovio Pharmaceuticals, Inc.
(21) 2024264712 (22) 18.11.2024
(54) Cancer vaccines targeting survivin and uses thereof

(71) Jade Bird Display (Shanghai) Limited
(21) 2024264608 (22) 13.11.2024
(54) Systems and methods for multi-color LED pixel unit with vertical light emission

(71) Jade Bird Display (Shanghai) Limited
(21) 2024264610 (22) 13.11.2024
(54) Systems and methods for multi-color LED pixel unit with horizontal light emission

(71) Jiang, C.
(21) 2024264584 (22) 13.11.2024
(54) POSITIVE AND NEGATIVE PRESSURE RESISTANT SEALING APPARATUS OF BALANCE SHAFT TWO-WAY VALVE PLATE USED FOR DRAINAGE PIPELINE

(71) JIANG, Hong
(21) 2024264716 (22) 18.11.2024
(54) DNA therapeutic encoding an antibody or antigen binding fragment

(71) Jiangmen COSCO SHIPPING Aluminium Co., Ltd.
(21) 2024264742 (22) 18.11.2024
(54) A water-drop-shaped aluminum roof rack

(71) JPMorgan Chase Bank, N.A.
(21) 2024264613 (22) 13.11.2024
(54) System and method for implementing a market data hub

(71) Kerry Group Services International Limited
(21) 2024264698 (22) 15.11.2024
(54) Antimicrobial Powdered Compositions

(71) Keymed (Medical & Industrial Equipment) Limited
(21) 2024264654 (22) 14.11.2024

(54) Medical scope accessory, medical scopes comprising the accessory, and use thereof

(71) King Cho Machinery Industrial Co., Ltd.
(21) 2024264615 (22) 13.11.2024
(54) Lubricant atomizing device for grease guns

(71) Konnectronix, Inc.
(21) 2024264684 (22) 15.11.2024
(54) Bicycle system

(71) KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES; Wible Co., Ltd.
(21) 2024264680 (22) 15.11.2024
(54) METHOD OF MANUFACTURING A SHIELD LAYER TO PREVENT CARBON DIOXIDE LEAKAGE AND METHOD OF GROUND REINFORCEMENT CONSTRUCTION USING THE SAME

(71) Kulakov, S.
(21) 2024264627 (22) 13.11.2024
(54) METHOD FOR OBTAINING FRESH WATER AND CONDENSER FOR EXTRACTION

(71) Kyte Dynamics, Inc.
(21) 2024264690 (22) 15.11.2024
(54) Suspended aerial vehicle system with thruster stabilization

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(21) 2024264670 (22) 15.11.2024
(54) CONDITIONING DEVICE FOR A PRESSURIZED FLUID

(71) Leverton Holding LLC
(21) 2024264607 (22) 13.11.2024
(54) TEXT LINE IMAGE SPLITTING WITH DIFFERENT FONT SIZES

(71) LG Electronics Inc.
(21) 2024264666 (22) 15.11.2024
(54) INDUCTION HEATING TYPE COOKTOP

(71) LG Electronics Inc.
(21) 2024264671 (22) 15.11.2024
(54) INDUCTION HEATING TYPE COOKTOP

(71) LG Electronics Inc.
(21) 2024264748 (22) 19.11.2024
(54) Cooking appliance

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| | | |
|---|---|---|
| (71) Lockheed Martin Corporation (21) 2024264595 (22) 13.11.2024 (54) AUTOMATED STRUCTURAL LASER CLEANING SYSTEM | (54) DRY FIRE PROTECTION SPRINKLER ASSEMBLIES AND SYSTEMS | (71) Omni Consumer Products, LLC (21) 2024264695 (22) 15.11.2024 (54) System, apparatus and method for inventory |
| (71) Longi Green Energy Technology Co., Ltd. (21) 2024264735 (22) 18.11.2024 (54) Back Contact Solar Cell And Photovoltaic Module | (71) Minnetronix Neuro, Inc. (21) 2024264644 (22) 14.11.2024 (54) Filtering cassettes and filtering systems | (71) Oryzon Genomics, S.A. (21) 2024264660 (22) 14.11.2024 (54) Methods of treating behavior alterations |
| (71) Longkou Yongan Vehicle Window Co., Ltd. (21) 2024264628 (22) 14.11.2024 (54) HATCH WITH EXTERNAL DOOR FAN | (71) Mitsubishi Heavy Industries, Ltd. (21) 2024264659 (22) 14.11.2024 (54) Operation condition setting device, people flow prediction device, operation condition setting method, people flow prediction method, and program | (71) Perimeter Solutions LP (21) 2024264720 (22) 18.11.2024 (54) Long-term retardant and fire-suppressing gel compositions |
| (71) MacDonald, R. (21) 2024264706 (22) 15.11.2024 (54) Herbicide application wand | (71) Mitsubishi Heavy Industries, Ltd. (21) 2024264725 (22) 18.11.2024 (54) Control device, gas turbine, and control method | (71) Phoenix Energy Services Pty Ltd (21) 2024264743 (22) 18.11.2024 (54) A REINJECTION SYSTEM AND METHOD OF USE THEREOF |
| (71) Maiorov, V.; Hlushchenko, M. (21) 2024264730 (22) 18.11.2024 (54) A SCATTERED LIGHT SENSOR OF THE SMOKE DETECTION DEVICE | (71) Morrisey, S. (21) 2024264715 (22) 18.11.2024 (54) Hip arthroplasty trial systems and associated medical devices, methods, and kits | (71) Qingdao Hengfengda Energy Technologies Co., Ltd. (21) 2024264646 (22) 14.11.2024 (54) Carbon-based composite material, preparation method therefor, and application thereof |
| (71) Mallinckrodt Pharmaceuticals Ireland Limited (21) 2024264696 (22) 15.11.2024 (54) SYSTEMS AND METHODS FOR INTELLIGENT GAS SOURCE MANAGEMENT AND/OR SYSTEMS AND METHODS FOR DELIVERY OF THERAPEUTIC GAS AND/OR ENHANCED PERFORMANCE VERIFICATION FOR THERAPEUTIC GAS DELIVERY | (71) Nanjing Chervon Industry Co., Ltd. (21) 2024264581 (22) 12.11.2024 (54) POWER TOOL, POWER DEVICE, AND BATTERY PACK | (71) QUADRIGA BIOSCIENCES, INC. (21) 2024264662 (22) 14.11.2024 (54) PHARMACEUTICAL COMPOSITIONS OF CHEMOTHERAPEUTIC AGENTS BASED ON BETA-SUBSTITUTED BETA-AMINO ACID DERIVATIVES |
| (71) Meso Scale Technologies, LLC. (21) 2024264661 (22) 14.11.2024 (54) Integrated Consumable Data Management System & Platform | (71) Nattopharma AS (21) 2024264719 (22) 18.11.2024 (54) Rapidly improving endothelial function, reducing arterial stiffness and reversing calcification of blood vessels by administering vitamin K | (71) Regeneron Pharmaceuticals, Inc. (21) 2024264639 (22) 14.11.2024 (54) DARIC INTERLEUKIN RECEPTORS |
| (71) Michelle Jane Kowalczyk (21) 2024264744 (22) 19.11.2024 (54) DeLight Lanterns and tissue boxes that function using interchangeable and replaceable panels as lantern walls, coasters and placemats. | (71) Neumedicines, Inc. (21) 2024264721 (22) 18.11.2024 (54) IL-12 compositions and methods of use in hematopoietic recovery | (71) REPLICATE BIOSCIENCE, INC. (21) 2024264638 (22) 14.11.2024 (54) COMPOSITIONS AND METHODS FOR INDUCING ESR1, PI3K, HER2, AND HER3 IMMUNE RESPONSES |
| (71) Michelle Jane Kowalczyk (21) 2024264745 (22) 19.11.2024 (54) TeaTrees are Sculptural Trees that function as de-constructable tealights or container table displays that are stackable with magnetized functions to reconstruct into a sculptural tree. | (71) NevRO COp. (21) 2024264707 (22) 15.11.2024 (54) Systems And Methods For Identifying And Treating Patients With High-Frequency Electrical Signals | (71) ResMed Pty Ltd (21) 2024264687 (22) 15.11.2024 (54) Headgear for a Patient Interface |
| (71) MINIMAX VIKING PATENT MANAGEMENT GMBH (21) 2024264714 (22) 18.11.2024 | (71) NextCure, Inc. (21) 2024264749 (22) 19.11.2024 (54) COMPOSITIONS AND METHODS FOR MODULATING LAIR SIGNAL TRANSDUCTION | (71) Rite-Hite Holding Corporation (21) 2024264705 (22) 15.11.2024 (54) Seal Apparatus for Dock Levellers |
| | (71) Odour Technologies Pty Ltd (21) 2024264691 (22) 15.11.2024 (54) Improved wastewater valve arrangement | (71) ROOF TILE GROUP LIMITED (21) 2024264677 (22) 15.11.2024 (54) ROOFING TILE AND TILED ROOF SYSTEM |
| | | (71) Rope Doors (21) 2024264591 (22) 13.11.2024 |

Complete Applications Filed - Name Index cont'd

(54) A rope door curtain using a unique and original method of securing ropes into a cross member.

(71) Samsung Heavy Ind. Co., Ltd
(21) 2024264699 (22) 15.11.2024
(54) Fluid cooling apparatus

(71) Sanofi
(21) 2024264593 (22) 13.11.2024
(54) Anti-TGF-beta antibodies and their use

(71) SFS Group Fastening Technology Ltd
(21) 2024264585 (22) 13.11.2024
(54) Thermal Insulation Pad

(71) Shamir Optical Industry Ltd.
(21) 2024264663 (22) 14.11.2024
(54) PROGRESSIVE OPTICAL DESIGNS FOR DIFFERENT ADD POWERS

(71) Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.
(21) 2024264689 (22) 15.11.2024
(54) SOLAR CELL, MANUFACTURING METHOD THEREOF, AND PHOTO-VOLTAIC MODULE

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(21) 2024266700 (22) 19.11.2024
(54) STRAIN OF LACTICASEIBACILLUS PARACASEI CAPABLE OF RELIEVING HYPERSENSITIVE RHINITIS AND APPLICATION THEREOF

(71) SK Innovation Co., Ltd.
(21) 2024264693 (22) 15.11.2024
(54) PROCESS FOR PRODUCING HYDROGEN, CARBON MONOXIDE, AND CARBON FROM METHANE-CONTAINING FEEDSTOCK

(71) Slennett-Roberts, T.
(21) 2024264746 (22) 19.11.2024
(54) PROCESS OF A SNOW PANEL Floating Sub Zero Sea Ocean Platform And SNOW Panel Sub Zero Sea Ocean Ship.

(71) Société des Produits Nestlé S.A.
(21) 2024264618 (22) 13.11.2024
(54) Adjusted thermal generation for food processing

(71) Southern Green Gas Limited
(21) 2024264683 (22) 15.11.2024
(54) Method of Modifying a Zirconium-based Metal Organic Framework

(71) Southern Seawall Solutions Pty Limited
(21) 2024264601 (22) 13.11.2024
(54) IMPROVED CAISSON SYSTEM AND METHOD FOR CONSTRUCTING SHORING WALLS

(71) Southwest Research Institute
(21) 2024264597 (22) 13.11.2024
(54) SYNTHESIS OF BIS-OXIME HETERO-CYCLES

(71) Stryker Corporation
(21) 2024264732 (22) 18.11.2024
(54) Surgical apparel system

(71) Stryper Pty Ltd
(21) 2024264747 (22) 19.11.2024
(54) GOLF TRAINING AIDS AND METHOD OF USE THEREOF

(71) SYSTEMS IP PTY LTD
(21) 2024264734 (22) 18.11.2024
(54) A playground apparatus with overpass

(71) Takeda Pharmaceutical Company Limited
(21) 2024266697 (22) 19.11.2024
(54) Diagnosis and treatment of autoimmune diseases

(71) TECHTAALIK PTY LTD
(21) 2024264710 (22) 16.11.2024
(54) FISHING ROD COVER WITH ENHANCED TIP PROTECTION

(71) Techtronic Cordless GP
(21) 2024264650 (22) 14.11.2024
(54) Current collecting plate and battery unit comprising current collecting plate

(71) Terra Quantum AG
(21) 2024264669 (22) 15.11.2024
(54) Computer-implemented method for simulating fluid flow, computer-implemented method for designing a mixing reactor, mixing reactor and computer-implemented method for controlling a mixing reactor, and corresponding data processing device, computer program and computer-readable medium

(71) Terra Quantum AG
(21) 2024264723 (22) 18.11.2024
(54) Methods and systems for quantum key distribution

(71) Terra Quantum AG
(21) 2024264729 (22) 18.11.2024

(54) Elevated-temperature superconducting qubits with disorder-induced tunnel barriers

(71) The Council of the Queensland Institute of Medical Research
(21) 2024264673 (22) 15.11.2024
(54) IMMUNOTHERAPY FOR POLYOMAVIRUSES

(71) The Raymond Corporation
(21) 2024264642 (22) 14.11.2024
(54) MULTI-POSITION LOAD DETECTION SYSTEMS AND METHODS

(71) The Regents of the University of Michigan; University of Newcastle upon Tyne
(21) 2024264692 (22) 15.11.2024
(54) Compositions and method for destabilizing, altering, and dispersing biofilms

(71) Thermaguard Pty Ltd
(21) 2024264656 (22) 14.11.2024
(54) A Radiant Heatshield

(71) Thermodynamic Design, LLC
(21) 2024264652 (22) 14.11.2024
(54) CUSTOMIZABLE DATA MANAGEMENT SYSTEM

(71) The Trustees of the University of Pennsylvania; Thomas Jefferson University
(21) 2024264596 (22) 13.11.2024
(54) Implantable living electrodes and methods for use thereof

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services
(21) 2024266702 (22) 19.11.2024
(54) Anti-human papillomavirus 16 E7 T cell receptors

Thomas Jefferson University see The Trustees of the University of Pennsylvania
(21) 2024264596

(71) Tidel Engineering, L.P.
(21) 2024264623 (22) 13.11.2024
(54) Systems and methods for till management

(71) Tritana Intellectual Property Ltd.
(21) 2024264616 (22) 13.11.2024
(54) WEED SEED DEVITALIZATION

University of Newcastle upon Tyne see The Regents of the University of Michigan

Complete Applications Filed - Name Index cont'd

(21) 2024264692

(71) University of Science and Technology
Beijing

(21) 2024264599 (22) 13.11.2024

(54) Process for preparing ceramic tiles,
ceramic particles, or sintered products
by wet direct modification of red mud
slurry

(71) Upright Composites Pty Ltd

(21) 2024264592 (22) 13.11.2024

(54) Transport gate

(71) Valideck International Corporation

(21) 2024264700 (22) 15.11.2024

(54) System, devices, and methods for ac-
quiring and verifying online information

(71) VANITY GROUP PTY LTD

(21) 2024264717 (22) 18.11.2024

(54) ANTI-THEFT AND TAMPER-PROOF
SOAP DISPENSER FOR PUBLIC USE
WITH REDUCED USE OF PLASTICS

(71) Vermeer Manufacturing Company

(21) 2024266698 (22) 19.11.2024

(54) Systems and methods for dewatering
slurries

(71) W & H Dentalwerk Bürmoos GmbH

(21) 2024264728 (22) 18.11.2024

(54) Handpiece with rotary knob to operate
the tool holder

(71) Wagner, J.; Discoe, J.

(21) 2024264708 (22) 15.11.2024

(54) NOISE REDUCTION PICKLEBALL

(71) wardle, j.

(21) 2024264682 (22) 15.11.2024

(54) Project Mira Patent Application Mira: A
Multi-Layer Symbolic Recognition Sys-
tem with Integrated Memory Decay and
Adaptive Feedback Architecture for Arti-
ficial Intelligence

(71) Whirlpool Corporation

(21) 2024264583 (22) 13.11.2024

(54) Cordless Citrus Juicer

**Wible Co., Ltd. see KOREA INSTITUTE
OF GEOSCIENCE AND MINERAL RE-
SOURCES**

(21) 2024264680

(71) Wing Aviation LLC

(21) 2024264624 (22) 13.11.2024

(54) System for charging aerial vehicles

(71) Yen, Y.

(21) 2024264648 (22) 14.11.2024

(54) Aminonaphthoquinone compounds for
treatment and/or prevention of optic
neuropathy

**Zhejiang Jinko Solar Co., Ltd. see Shang-
hai Jinko Green Energy Enterprise Man-
agement Co. Ltd.**

(21) 2024264689

(71) Zhejiang Tongkang Wine Industry Co
Ltd

(21) 2024264711 (22) 18.11.2024

(54) Device and method for filtering and
purifying yellow rice wine

(71) Zurn Water, LLC

(21) 2024264668 (22) 15.11.2024

(54) Check valve for backflow preventer

(71) ZURU EDGE, LTD.

(21) 2024264727 (22) 18.11.2024

(54) NON-EDIBLE CAPSULE CON-
FIGURED FOR USE WITH A NOV-
ELTY FROZEN CONFECTIONERY

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| 2024264578 | Canon Kabushiki Kaisha | 2024264656 | Thermaguard Pty Ltd |
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| 2024264583 | Whirlpool Corporation | 2024264658 | Editas Medicine, Inc. |
| 2024264584 | Jiang, C. | 2024264659 | Mitsubishi Heavy Industries, Ltd. |
| 2024264585 | SFS Group Fastening Technology Ltd | 2024264660 | Oryzon Genomics, S.A. |
| 2024264586 | ConocoPhillips Company | 2024264661 | Meso Scale Technologies, LLC. |
| 2024264587 | Huawei Technologies Co., Ltd. | 2024264662 | QUADRIGA BIOSCIENCES, INC. |
| 2024264588 | Angel Group Co., Ltd. | 2024264663 | Shamir Optical Industry Ltd. |
| 2024264589 | Derrick Corporation | 2024264664 | Aristocrat Technologies Australia Pty Limited |
| 2024264590 | D.I.Y Drumming Online | 2024264665 | Cloud DX, Inc., A Corporation of Delaware |
| 2024264591 | Rope Doors | 2024264666 | LG Electronics Inc. |
| 2024264592 | Upright Composites Pty Ltd | 2024264667 | FISHER & PAYKEL HEALTHCARE LIMITED |
| 2024264593 | Sanofi | 2024264668 | Zurn Water, LLC |
| 2024264594 | Brown, L.; Brown, G. | 2024264669 | Terra Quantum AG |
| 2024264595 | Lockheed Martin Corporation | 2024264670 | L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude |
| 2024264596 | The Trustees of the University of Pennsylvania; Thomas Jefferson University | 2024264671 | LG Electronics Inc. |
| 2024264597 | Southwest Research Institute | 2024264672 | ALLEN HOUSE MIRROR & GLASS PTY LIMITED |
| 2024264598 | AgroSpheres, Inc. | 2024264673 | The Council of the Queensland Institute of Medical Research |
| 2024264599 | University of Science and Technology Beijing | 2024264674 | Applied Medical Resources Corporation |
| 2024264600 | Ecommerce Enablers Pte. Ltd. | 2024264676 | CRDC Global Limited |
| 2024264601 | Southern Seawall Solutions Pty Limited | 2024264677 | ROOF TILE GROUP LIMITED |
| 2024264602 | Canon Kabushiki Kaisha | 2024264678 | COMFITPRO (PTY) LTD |
| 2024264603 | Fresenius Vial SAS | 2024264680 | KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES; Wible Co., Ltd. |
| 2024264604 | FMC Technologies, Inc. | 2024264681 | CROWN EQUIPMENT CORPORATION |
| 2024264605 | CATERPILLAR INC. | 2024264682 | wardle, j. |
| 2024264606 | Blackhawk Network, Inc. | 2024264683 | Southern Green Gas Limited |
| 2024264607 | Leverton Holding LLC | 2024264684 | Konnectronix, Inc. |
| 2024264608 | Jade Bird Display (Shanghai) Limited | 2024264685 | Arcellx, Inc. |
| 2024264609 | Cell Cure Neurosciences Ltd. | 2024264686 | Hilti Aktiengesellschaft |
| 2024264610 | Jade Bird Display (Shanghai) Limited | 2024264687 | ResMed Pty Ltd |
| 2024264611 | CATERPILLAR INC. | 2024264688 | A.L KHATRI & C.S NEGUS & G.E NEGUS & S NEGUS |
| 2024264612 | Canva Pty Ltd | 2024264689 | Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd. |
| 2024264613 | JPMorgan Chase Bank, N.A. | 2024264690 | Kyte Dynamics, Inc. |
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| 2024264617 | CSR Building Products Limited | 2024264694 | Imtrade Australia Pty Ltd |
| 2024264618 | Société des Produits Nestlé S.A. | 2024264695 | Omni Consumer Products, LLC |
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| 2024264622 | 1005, LLC | 2024264697 | Electrolux Appliances Aktiebolag |
| 2024264623 | Tidel Engineering, L.P. | 2024264698 | Kerry Group Services International Limited |
| 2024264624 | Wing Aviation LLC | 2024264699 | Samsung Heavy Ind. Co., Ltd |
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| 2024264626 | CSR Building Products Limited | 2024264701 | GE Video Compression, LLC |
| 2024264627 | Kulakov, S. | 2024264702 | GE Video Compression, LLC |
| 2024264628 | Longkou Yongan Vehicle Window Co., Ltd. | 2024264704 | Faw Jiefang Automotive Co., Ltd. |
| 2024264629 | IGT | 2024264705 | Rite-Hite Holding Corporation |
| 2024264634 | Gentex Corporation | 2024264706 | MacDonald, R. |
| 2024264635 | Apple Inc. | 2024264707 | NevRO COrp. |
| 2024264636 | Abiomed, Inc. | 2024264708 | Wagner, J.; Discoe, J. |
| 2024264637 | Dolby Laboratories Licensing Corporation | 2024264709 | GTE Group Pty Ltd |
| 2024264638 | REPLICATE BIOSCIENCE, INC. | 2024264710 | TECHTAALIK PTY LTD |
| 2024264639 | Regeneron Pharmaceuticals, Inc. | 2024264711 | Zhejiang Tongkang Wine Industry Co Ltd |
| 2024264641 | CFPH, LLC | 2024264712 | Inovio Pharmaceuticals, Inc. |
| 2024264642 | The Raymond Corporation | 2024264713 | Gauthier Biomedical, Inc. |
| 2024264643 | Idemia Identity & Security France | 2024264714 | MINIMAX VIKING PATENT MANAGEMENT GMBH |
| 2024264644 | Minnetronix Neuro, Inc. | 2024264715 | Morrissey, S. |
| 2024264646 | Qingdao Hengfengda Energy Technologies Co., Ltd. | 2024264716 | JIANG, Hong |
| 2024264647 | Acres Technology | 2024264717 | VANITY GROUP PTY LTD |
| 2024264648 | Yen, Y. | 2024264718 | CHEP Technology Pty Limited |
| 2024264649 | Edwards Lifesciences Corporation | 2024264719 | Nattopharma AS |
| 2024264650 | Techtronic Cordless GP | 2024264720 | Perimeter Solutions LP |
| 2024264651 | Infinant Health, Inc | 2024264721 | Neumedicines, Inc. |
| 2024264652 | Thermodynamic Design, LLC | | |
| 2024264653 | Automation Tech, LLC | | |
| 2024264654 | Keymed (Medical & Industrial Equipment) Limited | | |
| 2024264655 | Fassetto, Inc. | | |

Complete Applications Filed - Numerical Index cont'd

2024264722 HEANEY, M.
2024264723 Terra Quantum AG
2024264724 AstraZeneca UK Limited
2024264725 Mitsubishi Heavy Industries, Ltd.
2024264726 Boehringer Ingelheim Vetmedica GmbH
2024264727 ZURU EDGE, LTD.
2024264728 W & H Dentalwerk Bürmoos GmbH
2024264729 Terra Quantum AG
2024264730 Maiorov, V.; Hlushchenko, M.
2024264731 1934612 Ontario Inc.
2024264732 Stryker Corporation
2024264733 Baker Hughes Oilfield Operations LLC
2024264734 SYSTEMS IP PTY LTD
2024264735 Longi Green Energy Technology Co., Ltd.
2024264736 Canva Pty Ltd
2024264737 Aristocrat Technologies, Inc.
2024264738 Illinois Tool Works Inc.
2024264739 Illinois Tool Works Inc.
2024264740 Illinois Tool Works Inc.
2024264741 Illinois Tool Works Inc.
2024264742 Jiangmen COSCO SHIPPING Aluminium Co., Ltd.
2024264743 Phoenix Energy Services Pty Ltd
2024264744 Michelle Jane Kowalczyk
2024264745 Michelle Jane Kowalczyk
2024264746 Slennett-Roberts, T.
2024264747 Stryper Pty Ltd
2024264748 LG Electronics Inc.
2024264749 NextCure, Inc.
2024264750 Hemispherian AS
2024264751 Huawei Technologies Co., Ltd.
2024264752 IGT
2024264753 Boston Scientific Scimed, Inc.
2024264754 Figene, LLC
2024264755 FISHER & PAYKEL HEALTHCARE LIMITED
2024266697 Takeda Pharmaceutical Company Limited
2024266698 Vermeer Manufacturing Company
2024266699 Enterobiome Inc.
2024266700 Shenzhen Porshealth Bioengineering Co., Ltd.
2024266702 The United States of America, as represented by The Secretary, Department of Health and Human Services

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Nov 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Amphibian Holdings Pty Ltd
(21) 2024100041 (22) 15.11.2024
(54) A POWER SAFETY DEVICE CON-
FIGURED FOR OUTDOOR USE
(62) 2021203767

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2024100041 Amphibian Holdings Pty 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 |
| 8 | Application Lapsed Reg. 3.4(6) |
| 9 | Application Lapsed Section 142(3) |
| 11 | Application Lapsed Section 148(1)(c) |
| 12 | Application Withdrawn Section 141(1) |
| 13 | Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2) |
| 14 | Patent Ceased Section 143(a), or Expired |
| 15 | Patent Ceased Section 143(b) |
| 16 | Application Refused |
| 17 | Application Lapsed Reg. 22.2B(2) |
| 18 | Application Lapsed Reg. 3.2B(3),(5) or (6) |
| 20 | Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4) |
| 21 | Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4 |
| 22 | Patent Ceased Section 143A(d), or Expired |
| 23 | Patent Ceased Section 143A(e) |
| 24 | Application Lapsed Reg. 22.2E(2) |
| 25 | Application Lapsed Reg. 22.2I(2) |
| 26 | Application Lapsed Reg. 3.5AC(11) |
| 27 | Application Lapsed Reg. 3.5AF(2F) |
| 28 | Application Lapsed Reg. 22.15A(3) |
| A | Applications on which examination has not been requested or directed |
| B | Applications on which a direction to request examination has been given |
| C | Applications on which examination has been requested or on which an examination report has been issued |
| D | Applications which have been accepted or advertised accepted |
| E | Patents on which an examination has not been requested |
| F | Patents on which an examination has been requested or report issued |
| G | Patents Certified |
| N | Applications not Open to Public Inspection |

2004

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| 2004226978 (14) | 2004229021 (14) | 2004229022 (14) |
| 2004229023 (14) | 2004229032 (14) | 2004229037 (14) |
| 2004229054 (14) | 2004286794 (14) | 2004287186 (14) |
| 2004287214 (14) | 2004287263 (14) | 2004287506 (14) |
| 2004287611 (14) | 2004287743 (14) | 2004287895 (14) |
| 2004287899 (14) | 2004287977 (14) | 2004288072 (14) |
| 2004288078 (14) | 2004288806 (14) | 2004289156 (14) |
| 2004289252 (14) | 2004289281 (14) | 2004289316 (14) |
| 2004289353 (14) | 2004289370 (14) | 2004289509 (14) |
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| 2004297490 (14) | 2004304269 (14) | 2004307907 (14) |
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2005

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| 2005201855 (14) | 2005201870 (14) | 2005201912 (14) |
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| 2007202016 (14) | 2007245389 (14) | 2007247423 (14) |
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| 2009242484 (14) | 2009242492 (14) | 2009242503 (14) |
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| 2009244318 (14) | 2009244445 (14) | 2009244968 (14) |
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2011

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| 2011248185 (14) | 2011249639 (14) | 2011249783 (14) |
| 2011249839 (14) | 2011252215 (14) | 2011253639 (14) |
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2012

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| 2012201607 (14) | 2012201835 (14) | 2012202564 (14) |
| 2012250856 (14) | 2012250877 (14) | 2012251379 (14) |
| 2012251422 (14) | 2012261164 (14) | 2012268851 (14) |
| 2012272161 (14) | 2012283166 (14) | 2012336339 (14) |
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2013

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| 2013204093 (14) | 2013234395 (14) | 2013255453 (14) |
| 2013255730 (14) | 2013255843 (14) | 2013255885 (14) |
| 2013256233 (14) | 2013257324 (14) | 2013258211 (14) |
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2014

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| 2014259806 (14) | 2014259879 (14) | 2014259886 (14) |
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| 2014393445 (14) | | |

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| 2015256222 (14) | 2015256266 (14) | 2015257774 (14) | 2020233659 (14) | 2020244417 (14) | 2020244418 (14) |
| 2015257874 (14) | 2015257917 (14) | 2015260356 (14) | 2020244419 (14) | 2020244420 (14) | 2020244422 (14) |
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| 2016101969 (22) | 2016101975 (22) | 2016102382 (22) | 2020270393 (4B) | 2020270394 (14) | 2020273283 (1B) |
| 2016102410 (22) | 2016201244 (14) | 2016202847 (14) | 2020273285 (1B) | 2020273357 (1B) | 2020275708 (4B) |
| 2016257000 (14) | 2016257085 (14) | 2016257464 (14) | 2020276180 (4B) | 2020277097 (1B) | 2020277102 (1B) |
| 2016257618 (14) | 2016258929 (14) | 2016259012 (14) | 2020277125 (1B) | 2020277161 (1B) | 2020277189 (1B) |
| 2016262662 (14) | 2016262929 (14) | 2016264166 (14) | 2020277281 (1B) | 2020373489 (4D) | 2020383683 (5C) |
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| 2017261539 (14) | 2017262491 (14) | 2017262618 (14) | 2020392512 (1B) | 2020392521 (1B) | 2020392536 (1B) |
| 2017262857 (14) | 2017264441 (14) | 2017264578 (4C) | 2020392537 (1B) | 2020392616 (1B) | 2020392621 (1B) |
| 2017267927 (14) | 2017269716 (14) | 2017278207 (25D) | 2020392623 (1B) | 2020392630 (1B) | 2020392633 (1B) |
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| 2018360615 (5C) | 2018371848 (5C) | 2018373975 (14) | 2021102323 (22E) | 2021104755 (22) | 2021104756 (22) |
| 2018375782 (5C) | 2018378777 (5C) | 2018383715 (5C) | 2021107561 (22) | 2021200982 (5C) | 2021201759 (5C) |
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| | | | 2021254559 (4C) | 2021268495 (5C) | 2021277648 (5C) |
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| 2019203074 (14) | 2019203088 (4C) | 2019203123 (14) | 2021325403 (5C) | 2021355054 (5C) | 2021361062 (5C) |
| 2019203131 (4C) | 2019203143 (14) | 2019203420 (5C) | 2021361153 (25D) | 2021363467 (5C) | 2021413605 (5C) |
| 2019205361 (5C) | 2019206480 (5C) | 2019206495 (5C) | 2021430628 (5C) | | |
| 2019214330 (5C) | 2019215794 (25D) | 2019222589 (5C) | | | |
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| 2019226708 (5C) | 2019234488 (5C) | 2019235531 (5C) | 2022200157 (4C) | 2022200377 (4D) | 2022201280 (4C) |
| 2019238653 (5C) | 2019243836 (5C) | 2019247418 (5C) | 2022201430 (5C) | 2022201725 (14) | 2022202138 (4C) |
| 2019257632 (5C) | 2019261752 (14) | 2019261940 (14) | 2022203073 (4C) | 2022203417 (5C) | 2022203843 (6C) |
| 2019261982 (4C) | 2019261986 (4C) | 2019262139 (4C) | 2022203924 (5C) | 2022204105 (5C) | 2022204247 (5C) |
| 2019262143 (4C) | 2019262150 (4C) | 2019262151 (14) | 2022204666 (4C) | 2022205227 (4C) | 2022209316 (5C) |
| 2019262179 (4C) | 2019262482 (14) | 2019263053 (14) | 2022209350 (5C) | 2022215170 (5C) | 2022218626 (5C) |
| 2019263126 (4C) | 2019263218 (4C) | 2019263432 (4D) | 2022221451 (5C) | 2022221462 (5C) | 2022221519 (5C) |
| 2019263674 (14) | 2019263851 (14) | 2019263971 (4C) | 2022224705 (5C) | 2022224849 (5C) | 2022224859 (5C) |
| 2019264506 (4C) | 2019265694 (14) | 2019266116 (4C) | 2022228090 (5C) | 2022231652 (5C) | 2022235565 (5C) |
| 2019272009 (1B) | 2019272068 (1B) | 2019278331 (14) | 20222241612 (5C) | 2022245375 (5C) | 2022246437 (5C) |
| 2019279587 (5C) | 2019280020 (14) | 2019292471 (5C) | 2022246459 (5C) | 2022263530 (5C) | 2022275421 (5C) |
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| 2020202448 (4A) | 2020202877 (14) | 2020202926 (4B) | 2023201610 (4C) | 2023202008 (5C) | 2023202379 (5C) |
| 2020202936 (4B) | 2020202967 (4A) | 2020202978 (4A) | 2023214324 (12C) | 2023216779 (4C) | 2023216850 (4C) |
| 2020203419 (14) | 2020204692 (5C) | 2020207124 (5C) | 2023222947 (5C) | 2023226796 (5CN) | 2023903698 (12AN) |
| 2020212577 (5C) | 2020227131 (14) | 2020229118 (5C) | 2023903765 (12AN) | | |

2024

2024216346 (1B) 2024219492 (7AN) 2024219498 (7AN)
2024900030 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2024

2024227038 **GULLACI, J.** Provisional Number: 2024903713

Assignments before Grant, Section 113

2019

2019206993 **KataPilla Ltd.** The application has been assigned to **InkWell Health Ltd.**

2020

2020226493 **Courier Therapeutics Inc.** The application has been assigned to **Recourse Biologics, Inc.**

2020267641 **Medigene Immunotherapies GmbH; 2seventy bio, Inc.** The application has been assigned to **Regeneron Pharmaceuticals, Inc.; Medigene Immunotherapies GmbH**

2020347715 **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.** The application has been assigned to **Systimmune, Inc.**

2020349107 **Callaghan Innovation** The application has been assigned to **Electronic Navigation Limited**

2020371727 **Kinnate Biopharma Inc.** The application has been assigned to **Pierre Fabre Medicament**

2020377532 **Johnson Matthey PLC** The application has been assigned to **Epsilon Carbon Private Ltd.**

2020391989 **Ate Holdings Ltd** The application has been assigned to **Towmate Trailers Ltd**

2020417043 **Pfizer R&D UK Limited** The application has been assigned to **Pfizer Inc.**

2021

2021207780 **Match Group, LLC** The application has been assigned to **Match Group Americas, LLC**

2021282556 **Rossi, Andrea** The application has been assigned to **LEONARDO CORPORATION**

2021296205 **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.** The application has been assigned to **Systimmune, Inc.**

2021359457 **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.** The application has been assigned to **Systimmune, Inc.**

2021361938 **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.** The application has been assigned to **Systimmune, Inc.**

Assignments before Grant, Section 113

2022

2022207703 **POLITECNICO DI MILANO** The application has been assigned to **Lift Energy S.r.l.**

2022256742 **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** The application has been assigned to **Dicerna Pharmaceuticals, Inc.**

2022261117 **KINNATE BIOPHARMA INC.** The application has been assigned to **Pierre Fabre Medicament**

2022261159 **KINNATE BIOPHARMA INC.** The application has been assigned to **Pierre Fabre Medicament**

2022314815 **KINNATE BIOPHARMA INC.** The application has been assigned to **Pierre Fabre Medicament**

2022315277 **ZENO MANAGEMENT, INC.** The application has been assigned to **IMMUNOME, INC.**

2022447933 **BAILI-BIO (CHENGDU) PHARMACEUTICAL CO, LTD.** The application has been assigned to **Systimmune, Inc.**

2023

2023205141 **MIRECULE, INC.** The application has been assigned to **Genzyme Corporation**

2023205807 **SENSORY CLOUD, LLC** The application has been assigned to **Sensory Cloud, Inc.**

2023260336 **DABIR SURFACES, INC.** The application has been assigned to **Rayes, Inc.**

2024

2024901444 **Jackson, Helen** The application has been assigned to **Anansa Pty Ltd**

2024901462 **Jackson, Helen; Fryer, Amanda** The application has been assigned to **Anansa 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.

2009

2009238175 **Arbutus Biopharma Corporation** An application to extend the time from 09 Feb 2022 to 09 Nov 2024 in which to request an Extension of Term - Pharmaceutical has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021

2021240286 **The United States of America, as represented by the Secretary, Department of Health and Human Services** An application to extend the time from 15 Mar 2024 to 15 Mar 2025 in which to pay a continuation fee and gain acceptance has been filed . Address for ser-

Extensions of Time, Section 223

vice - FB Rice Pty Ltd Level 33, 477 Collins Street Melbourne VIC 3000 AU

2023

2023255054 **Salk Institute for Biological Studies** An application to extend the time from 23 Feb 2024 to 23 Sep 2024 in which to pay a continuation fee has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

Applications Allowed - Section 223(2)

2015

2015200374 **MARSHALL, P.** The time in which to pay a renewal fee has been extended to 28 Aug 2024 . Address for service - PERRY CARNE MARSHALL 15 MURCHISON ST. WHITFIELD QLD 4870 AU

2018

2018360615 **Advanced Design Innovations Pty Ltd** The time in which to gain acceptance has been extended to 30 Dec 2024 . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

2020

2020310168 **Kytodent, LLC; Keeton, D.** The time in which to request examination has been extended to 16 Aug 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022

2022200416 **Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.; GS Elektromedizinische Geräte G. Stemple GmbH** The time in which to pay a renewal fee has been extended to 07 Aug 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022343400 **PERFORMANCE PLANTS INC.** The time in which to enter the National Phase has been extended to 15 Jun 2024 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2023

2023226259 **VITUX GROUP AS** The time in which to enter the National Phase has been extended to 28 Oct 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2023249258 **TWIST BIOSCIENCE CORPORATION** The time in which to enter the National Phase has been extended to 07 Dec 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.

Amendments

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

2014266991 Security documents and methods of manufacture **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019248307 Pharmaceutical composition and application thereof **Tasly Pharmaceutical Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019261937 Stabilized fluoroolefin compositions and methods for their production, storage and usage **The Chemours Company FC, LLC** The nature of the amendment is as shown in the statement(s) filed 12 Nov 2024 . Address for service - Houlihan Intellectual Property Pty Ltd 832 High St Kew East VIC 3102 AU

2019270548 Probiotic for poultry or cud-chewing animals **Lesafre et Compagnie** The nature of the amendment is as shown in the statement(s) filed 12 Nov 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021

2021212039 Blockchain-based commercial inventory systems and methods **AMERICORP INVESTMENTS LLC** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021254567 User interfaces for capturing and managing visual media **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2024 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021270312 Communicating between network nodes via multiple cells **Google LLC** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2024 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021282533 Optimized crispr/cas9 systems and methods for gene editing in stem cells **Editas Medicine, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021336001 CLOTHES TREATMENT APPARATUS **LG ELECTRONICS INC.** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2024 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2021364314 DNA-containing polynucleotides and guides for CRISPR type V systems, and methods of making and using the same **Caribou Biosciences, Inc.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 13 Nov 2024 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2021369864 CHANNEL TRANSMISSION METHOD AND APPARATUS, TERMINAL DEVICE, NETWORK DEVICE, AND STORAGE MEDIUM **DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2024 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2021385745 AMINOHETEROARYL KINASE INHIBITORS **Allorion Therapeutics Inc** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022

2022200903 Engineered Cascade components and Cascade complexes **Caribou Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2022204236 Focused sterilization and sterilized sub-assemblies for analyte monitoring systems **Abbott Diabetes Care Inc.** The nature of the amendment is: Amend the name of the inventor to read Thomas, Christopher A.; Pace, Louis; Patel, Dharmendra; Dipalma, Vincent M.; Rao, Vivek S.; Mitchell, Steven T.; Lambert, Byron J.; Robinson, Peter G.; Voit, Peter M.; Pudjijanto, Stephen T.; Simmons, Matthew; Wu, Hsuehchieh; Le, Vu H.; Manion, Johnathan D.; Harris, Christopher M.; Nguyen, Tuan; Phillip, Carter W.; McCanless, Jonathan D. and Meissner, Jörn . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2023

2023201958 Wear assembly removal and installation **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2024 . Address for service - Minter Ellison Collins Arch 447 Collins St Melbourne VIC 3000 AU

Amendments Made

2018

2018424192 **Axon Enterprise, Inc.** The nature of the amendment is as shown in the statement filed 16 Aug 2024

2019

2019227917 **463IP partners, LLC** The nature of the amendment is as shown in the statement filed 20 Aug 2024

2019390394 **Forty Seven, Inc.** The nature of the amendment is as shown in the statement filed 24 Jul 2024

2020

2020281142 **Deere & Company** The nature of the amendment is: Amend the invention title to read Implement hitch with variable vertical load

2020289815 **Graco Minnesota Inc.** The nature of the amendment is as shown in the statement filed 06 Nov 2024

Amendments

2020378596 **Freezio AG** The nature of the amendment is as shown in the statement filed 16 Jul 2024

2021

2021215850 **Wisk Aero LLC** The nature of the amendment is: Amend the name of the inventor to read LONG, GEOFFREY Alan and BURGART, Michael John

2021303686 **WIAB Water Innovation AB** The nature of the amendment is: Amend the name of the inventor to read RONGVED, Pål; PHAM, Aina Kristin and BJARNSHOLT, Thomas

2021309020 **Janssen Pharmaceutica NV** The nature of the amendment is: Amend the name of the inventor to read KOLB, Hartmuth C.; TRIANA-BALTZER, Gallen; SAAD, Ziad and SLEMMON, John Randall

2021372294 **MA INDUSTRIES, LLC** The nature of the amendment is: Amend the name of the inventor to read SAUDER, Gregg; SAUDER, Timothy; KOCH, Justin; MOORE, Nowell; ABERLE, Reid; NAFZIGER, Tyler; HESTERBERG, Connor; WELTE, Jonathan; WAREMBURG, Kyle and NUEST, Steven

2021372295 **MA INDUSTRIES, LLC** The nature of the amendment is: Amend the name of the inventor to read SAUDER, Gregg; SAUDER, Timothy; KOCH, Justin; MOORE, Nowell; ABERLE, Reid; NAFZIGER, Tyler; HESTERBERG, Connor; WELTE, Jonathan; WAREMBURG, Kyle and NUEST, Steven

2022

2022202829 **Steering Solutions IP Holding Corporation** The nature of the amendment is as shown in the statements filed 31 Jul 2024 and 14 Aug 2024

2022241582 **Sumitomo Pharma Switzerland GmbH; Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement filed 02 Aug 2024

2022259783 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022203235

2022279506 **Snap-on Incorporated** The nature of the amendment is: Add priority details as 17/576,478 14 Jan 2022 US

2022451213 **RINNAI CORPORATION** The nature of the amendment is: Amend the invention title to read Fine bubble generator, water heater, and dishwasher

2022453526 **SHENZHEN RAYCOME HEALTH TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD AND DEVICE FOR NON-INVASIVE DETECTION OF CENTRAL ARTERIAL PRESSURE AND OTHER INTRALUMINAL LARGE ARTERIAL PRESSURES

2022457576 **KONE CORPORATION** The nature of the amendment is: Amend the name of the inventor to read BURAKOV, Andrej; QIU, Min; WANG, Fawei; ZHAO, Bingham and KORPELA, Arto

Amendments**2023**

2023201021 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022259783

2023201205 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022259783

2023202418 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022209202

2023202646 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022203235

2023202646 **Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900576 04 Mar 2023 AU

2023202646 **Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900667 12 Mar 2023 AU

2023203178 **Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900576 04 Mar 2023 AU

2023203178 **Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900667 12 Mar 2023 AU

2023203178 **Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022201926

2023203325 **Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900667 12 Mar 2023 AU

2023203325 **Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022203235

2023203325 **Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900576 04 Mar 2023 AU

2023204365 **Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900576 04 Mar 2023 AU

2023204365 **Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900667 12 Mar 2023 AU

2023237139 **Boehringer Ingelheim Vetmedica GmbH** The nature of the amendment is: Amend the name of the inventor to read REICHE, Dania Birte; HENNINGS, Leah Jeanette; KLEY, Saskia; TRAAS, Anne M. and HAAG-DIERGARTEN, Silke

2023238802 **LES LABORATOIRES SERVIER** The nature of the amendment is: Amend the name of the inventor to read DE CEUN-INCK, Frédéric; ORTEGA-FERREIRA, Céline; GALLOU, Catherine and ROBIN, Gautier

Amendments

2023247583 **CHENGDU DI'AO PHARMACEUTICAL GROUP CO., LTD** The nature of the amendment is as shown in the statement filed 29 Oct 2024

2023251567 **OLITEK PTY LTD** The nature of the amendment is as shown in the statement filed 16 Oct 2024

2023261554 **FUJIKURA LTD.** The nature of the amendment is: Amend the invention title to read Optical fiber element wire and manufacturing method of optical fiber ribbon

2023265202 **KINOPHARMA, INC.; IWAKI SEIYAKU CO., LTD.** The nature of the amendment is: Amend the invention title to read ANILINE-DERIVATIVE-CONTAINING EXTERNAL PREPARATION AGENT FOR SKIN

2023265202 **KINOPHARMA, INC.; IWAKI SEIYAKU CO., LTD.** The nature of the amendment is: Amend the invention title to read ANILINE-DERIVATIVE-CONTAINING EXTERNAL PREPARATION FOR SKIN

2023265269 **CENTRICSBIO, INC.** The nature of the amendment is: Amend the invention title to read Anti-CD300c antibody or antigen-binding fragment thereof and use thereof for preventing or treating degenerative brain disease

2023268261 **THE UNIVERSITY OF TOKYO; RIKEN** The nature of the amendment is: Amend the invention title to read FLUORESCENT PROBE FOR DETECTING PEPTIDE BOND HYDROLASE

2023272508 **EPOXY TECHNOLOGY, INC.** The nature of the amendment is: Amend the name of the inventor to read DDAMULIRA, Robert, K.; SARGEANT, Jeffrey, A.; HU, Ziyi and DONG, Sizhong

2023273845 **ZHU, X.** The nature of the amendment is: Amend the invention title to read Chondroitin sulfate biogenic polyamine complex, preparation method therefor and use thereof

2023274006 **GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN STIFTUNG ÖFFENTLICHEN RECHTS, UNIVERSITÄTSMEDIZIN; GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN STIFTUNG ÖFFENTLICHEN RECHTS** The nature of the amendment is: Amend the name of the inventor to read TIETZE, Lutz Friedjan; VOSS, Edgar; MOTHUKU, Shyam Sundar; ZEISBERG, Michael; HASENFUSS, Gerd and NYAM-SUREN, Gunsmaa

2023283201 **CANON KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Cartridge and image forming apparatus

2023338743 **PSIQUANTUM, CORP.** The nature of the amendment is: Amend the invention title to read Time-bin qubit converter

2023405638 **KIMURA, F.** The nature of the amendment is: Amend the invention title to read IMAGING DEVICE AND IMAGING METHOD

2024

2024200385 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2023201021

Amendments

2024200385 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022259783

2024200385 **Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900667 12 Mar 2023 AU

2024200385 **Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900576 04 Mar 2023 AU

2024200385 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2021252607

2024203069 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read BOULE, Andre M. J.; CHICK, Stephen J.; DELLINGER, Richard R. and LANGSTROTH, Edward Henson

2024204058 **Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2021261831; 2021232845; 2022201926; 2022203235; 2022215299; 2022259783 and 2023201021

2024902474 **Burton, M.L.** The nature of the amendment is: Application is to proceed under the number 2024264679

2024903765 **ResMed Pty Ltd; ResMed Asia Pte. Ltd.** The nature of the amendment is: Amend the invention title to read SYSTEM AND METHOD FOR DELIVERING COGNITIVE BEHAVIOUR THERAPY FOR INSOMNIA

Alteration of Name(s) of Applicant(s)/Patentee(s)**2012**

2012241006 Enel Global Thermal Generation S.r.l. The name of the patentee has been altered to **Enel Green Power S.p.A.**

2013

2013255103 Pharmaxis Ltd. The name of the patentee has been altered to **Syntara Limited**

2017

2017217238 Pharmaxis Ltd. The name of the patentee has been altered to **Syntara Limited**

2018

2018326795 Yubico AB The name of the patentee has been altered to **ACQ Bure AB**

2019

2019202154 EVERDIGM Corp. The name of the applicant has been altered to **HYUNDAI EVERDIGM Corp.**

2019222785 Yubico AB The name of the patentee has been altered to **ACQ Bure AB**

2019293714 CureVac RNA Printer GmbH ; Tesla Automation GmbH The name of the patentee has been altered to **CureVac Manufacturing GmbH; Tesla Automation GmbH**

Amendments

2019315330 Pharmaxis Ltd. The name of the applicant has been altered to **Syntara Limited**

2020

2020267237 Yubico AB The name of the patentee has been altered to **ACQ Bure AB**

2020273301 Yubico AB The name of the patentee has been altered to **ACQ Bure AB**

2020371928 MIP Diagnostics Limited The name of the applicant has been altered to **Tozaro Limited**

2020417837 Smiths Medical ASD, Inc. The name of the applicant has been altered to **ICU MEDICAL, INC.**

2021

2021399528 NANJING SHIJIANG MEDICINE TECHNOLOGY CO., LTD The name of the applicant has been altered to **Shanghai Shiji-ang Biotechnology Co., Ltd**

2022

2022209360 Merck Sharp & Dohme Corp. The name of the applicant has been altered to **Merck Sharp & Dohme LLC**

2022231789 Outotec (Finland) Oy; Swiss Tower Mill Minerals AG The name of the applicant has been altered to **Metso Finland Oy; Swiss Tower Mill Minerals AG**

2022346194 IN-KER S.R.L. The name of the applicant has been altered to **INTRA-KER S.R.L.**

2022374714 PHARMA-DATA S.A. The name of the patentee has been altered to **PHARMA-DATA RESEARCH AND DEVELOPMENT SINGLE MEMBER S.A.**

2023

2023903784 Pharmaxis Ltd. The name of the applicant has been altered to **Syntara Limited**

2024

2024220185 Outotec (Finland) Oy; Swiss Tower Mill Minerals AG The name of the applicant has been altered to **Metso Finland Oy; Swiss Tower Mill Minerals AG**

2024903757 AirAgri Pty Ltd The name of the applicant has been altered to **AirAgri Services Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 10X Genomics, Inc.
 (11) AU-A-2024259860
 (21) 2024259860 (22) 08.11.2024
 (54) LIGATION MEDIATED ANALYSIS OF NUCLEIC ACIDS
 (51) Int. Cl.
C12Q 1/6806 (2018.01)
 (43) 28.11.2024
 (62) 2020335919
 (72) MIKKELSEN, Tarjei Sigurd;
 RAMACHANDRAN IYER, Eswar Prasad; KOHLWAY, Andrew; MARTINEZ, Luigi Jhon Alvarado; PFEIFFER, Katherine; PRICE, Andrew D.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) 463IP Partners, LLC
 (11) AU-A-2024259781
 (21) 2024259781 (22) 07.11.2024
 (54) Microencapsulated products, clear solutions thereof, and methods of making
 (51) Int. Cl.
A23L 2/52 (2006.01)
 (43) 28.11.2024
 (62) 2019227917
 (72) GROCHOSKI, Gregory Thomas
 (74) Spruson & Ferguson

(71) ABB Schweiz AG; Hitachi Energy Ltd
 (11) AU-A-2024259775
 (21) 2024259775 (22) 07.11.2024
 (54) Method and system for monitoring and/or operating a power system asset
 (51) Int. Cl.
G01R 31/382 (2019.01)
G06Q 40/04 (2012.01)
 (43) 28.11.2024
 (62) 2021374819
 (72) PJETRI, Erald; OTTEWILL, James; FIRLA, Marcin
 (74) FB Rice Pty Ltd

(71) ABB Schweiz AG
 (11) AU-A-2024259890
 (21) 2024259890 (22) 11.11.2024
 (54) Pump manifold with redundancy for gas extraction system
 (51) Int. Cl.
F04D 15/00 (2006.01)
E21B 43/12 (2006.01)
F04D 13/12 (2006.01)
 (43) 28.11.2024
 (62) 2023203876
 (72) BOIVIN, Alexandre; BURNETT, Marc; MICHAUD, Dominic; OWEN, Kyle; MEUNIER, Axel; LEEN, John Brian
 (74) Spruson & Ferguson

(71) Ablynx NV
 (11) AU-A-2024227463
 (21) 2024227463 (22) 18.10.2024
 (54) T cell recruiting polypeptides capable of binding CD123 and TCR alpha/beta
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
 (43) 28.11.2024
 (62) 2017361846
 (72) VAN HOORICK, Diane; ROOBROUCK, Annelies; STORTELEERS, Catelijne; VIEIRA, Joao; MCGOWAN, Edward
 (74) Spruson & Ferguson

(71) ACER INCORPORATED
 (11) AU-A-2024202907
 (21) 2024202907 (22) 02.05.2024
 (54) Communication device and method for handling evaluations for candidate target primary secondary cells
 (51) Int. Cl.
H04W 76/11 (2018.01)
H04W 36/00 (2009.01)
H04W 76/10 (2018.01)
H04W 76/15 (2018.01)
 (31) 63/464,638 (32) 08.05.23 (33) US
 18/636,163 15.04.24 US
 (43) 28.11.2024
 (72) LIN, Jung-Mao
 (74) Griffith Hack

AC Immune S.A. see Janssen Pharmaceuticals, Inc.
 (21) 2024259871

(71) Acres Technology
 (11) AU-A-2024259799
 (21) 2024259799 (22) 07.11.2024
 (54) Automatic Application of a Bonus to an Electronic Gaming Device Responsive to Player Interaction with a Mobile Computing Device
 (51) Int. Cl.
A63F 13/30 (2014.01)
G07F 17/32 (2006.01)
 (43) 28.11.2024
 (62) 2022263553
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) ADVcare Medical, Inc.
 (11) AU-A-2024259769
 (21) 2024259769 (22) 06.11.2024
 (54) Close system transfer device
 (51) Int. Cl.

A61M 5/19 (2006.01)
A61J 1/20 (2006.01)
A61M 5/178 (2006.01)
 (43) 28.11.2024
 (62) 2020453766
 (72) TSAI, Hsi Chin; JHOU, Jhih-syuan
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2024202928
 (21) 2024202928 (22) 03.05.2024
 (54) APPARATUS AND METHOD FOR HORIZONTAL TRANSPORT AND VERTICAL INSTALLATION OF HEAT EXCHANGER
 (51) Int. Cl.
F28F 9/007 (2006.01)
F25J 1/00 (2006.01)
F25J 5/00 (2006.01)
F28D 7/02 (2006.01)
F28D 7/04 (2006.01)
 (31) 63/465,215 (32) 09.05.23 (33) US
 18/616,711 26.03.24 US
 (43) 28.11.2024
 (72) Butler, Christopher R.; Debrah, Paul I.; Samarajiva, Prasad M.; Schenk, Heather Lynn; Tiemann, Kevin E.; Vujcich, Damian Luke
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alford, L.
 (11) AU-A-2023202908
 (21) 2023202908 (22) 10.05.2023
 (54) Wrench adjusted with a lever rather than a knurl
 (51) Int. Cl.
B25B 13/12 (2006.01)
B25B 13/22 (2006.01)
B25B 13/24 (2006.01)
 (43) 28.11.2024
 (72) Alford, Larry
 (74) Larry Alford

(71) Amai Proteins Ltd.
 (11) AU-A-2024259820
 (21) 2024259820 (22) 08.11.2024
 (54) Taste and flavor-modifier proteins
 (51) Int. Cl.
C07K 14/43 (2006.01)
 (43) 28.11.2024
 (62) 2019264967
 (72) SAMISH, Ilan; KASS, Itamar; HECHT, Dalit
 (74) Spruson & Ferguson

(71) Amicus Therapeutics, Inc.
 (11) AU-A-2024259782
 (21) 2024259782 (22) 07.11.2024

Applications Open to Public Inspection - Name Index cont'd

- (54) METHOD FOR SELECTION OF HIGH M6P RECOMBINANT PROTEINS
 (51) Int. Cl.
C12N 9/26 (2006.01)
 (43) 28.11.2024
 (62) 2022259797
 (72) Do, Hung V.; Gotschall, Russell
 (74) Dark IP
-
- (71) Angel Group Co., Ltd.
 (11) AU-A-2024264588
 (21) 2024264588 (22) 13.11.2024
 (54) Game management system
 (51) Int. Cl.
A63F 13/80 (2014.01)
A63F 9/00 (2006.01)
 (43) 28.11.2024
 (62) 2019219981
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd
-
- (71) APT ASIA PACIFIC PTY. LTD.
 (11) AU-A-2024227688
 (21) 2024227688 (22) 30.04.2024
 (54) ARTIFICIAL TURF WITH PASSIVE TEMPERATURE CONTROL
 (51) Int. Cl.
A41G 1/00 (2006.01)
B32B 7/027 (2019.01)
B32B 9/00 (2006.01)
B32B 27/30 (2006.01)
B32B 27/40 (2006.01)
C09K 5/06 (2006.01)
E01C 13/08 (2006.01)
 (31) 23171678.8 (32) 04.05.23 (33) EP
 18/348,922 07.07.23 US
 (43) 28.11.2024
 (72) TRITT, James Michael; CORBO, Dr. Robert; LUDDU, Sumeet
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
-
- (71) APT ASIA PACIFIC PTY. LTD.
 (11) AU-A-2024227689
 (21) 2024227689 (22) 30.04.2024
 (54) FLOOR PAVEMENT STRUCTURE WITH PASSIVE TEMPERATURE CONTROL
 (51) Int. Cl.
C09K 5/06 (2006.01)
E01C 11/24 (2006.01)
E01C 13/00 (2006.01)
 (31) 23171672.1 (32) 04.05.23 (33) EP
 18/348,057 06.07.23 US
 (43) 28.11.2024
 (72) TRITT, James Michael; LUDDU, Sumeet; CORBO, Robert
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
-
- (71) Aristocrat Technologies Australia Pty Ltd
 (11) AU-A-2023202956
 (21) 2023202956 (22) 11.05.2023
 (54) GAMING DEVICE WITH HOLD AND SPIN GAME INSTANCES AWARDED A SET OF MULTIPLIERS
 (51) Int. Cl.
G06Q 20/08 (2012.01)
G06Q 20/40 (2012.01)
 (31) 18/316,179 (32) 11.05.23 (33) US
 (43) 28.11.2024
 (72) VU, Thuy; ESQUIVEL, Rhoda; NGUYEN, Bang
 (74) FB Rice Pty Ltd
-
- (71) Axon Enterprise, Inc.
 (11) AU-A-2024259854
 (21) 2024259854 (22) 08.11.2024
 (54) Serial Electrode Deployment For Conducted Electrical Weapon
 (51) Int. Cl.
F41H 13/00 (2006.01)
F42B 12/36 (2006.01)
 (43) 28.11.2024
 (62) 2021231901
 (72) NERHEIM, Magne; BARTLING, David
 (74) WRAYS PTY LTD
-
- (71) Beijing Baidu Netcom Science Technology Co., Ltd.
 (11) AU-A-2023285953
 (21) 2023285953 (22) 22.12.2023
 (54) METHOD AND APPARATUS OF PROCESSING QUANTUM NOISE CIRCUIT, DEVICE, AND STORAGE MEDIUM
 (51) Int. Cl.
G06N 10/00 (2022.01)
 (31) 202310539405.1 (32) 12.05.23 (33) CN
 (43) 28.11.2024
 (72) Cao, Ya
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Biryia Biotech, Inc.
 (11) AU-A-2024227540
 (21) 2024227540 (22) 22.10.2024
 (54) Tool for servicing an auto-injector
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/307 (2006.01)
A61M 5/315 (2006.01)
 (43) 28.11.2024
 (62) 2019208338
 (72) URSZUY, Tzvi Mordechai; HALL, John
 (74) Griffith Hack
-
- (71) Black & Decker Inc.
 (11) AU-A-2024201901
 (21) 2024201901 (22) 25.03.2024
 (54) CIP metal actuated deck insert
 (51) Int. Cl.
E04B 1/41 (2006.01)
E04B 5/40 (2006.01)
F16B 13/08 (2006.01)
 (31) 18/313,678 (32) 08.05.23 (33) US
 (43) 28.11.2024
 (72) Dunning, Jack
 (74) Davies Collison Cave Pty Ltd
-
- (71) Block, Inc.
 (11) AU-A-2024201660
 (21) 2024201660 (22) 14.03.2024
 (54) Dynamic user interfaces and operational flows
 (51) Int. Cl.
H04N 19/88 (2014.01)
H04N 19/119 (2014.01)
H04N 19/176 (2014.01)
-
- (71) Blue River Technology Inc.
 (11) AU-A-2024259821
 (21) 2024259821 (22) 08.11.2024
 (54) VIRTUAL SAFETY BUBBLES FOR SAFE NAVIGATION OF FARMING MACHINES
 (51) Int. Cl.
G05B 19/4061 (2006.01)
 (43) 28.11.2024
 (62) 2022291571
 (72) Pell, Edward William Jeffcott; Oezdemir, Uzur
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) BrainChip, Inc.
 (11) AU-A-2024203116
 (21) 2024203116 (22) 10.05.2024
 (54) Methods and System for Improved Processing of Sequential Data in a Neural Network
 (51) Int. Cl.
G06N 3/02 (2006.01)
G06N 3/04 (2023.01)
 (31) 63/466,057 (32) 12.05.23 (33) US
 (43) 28.11.2024
 (72) COENEN, Olivier Jean-Marie Dominique; PEI, Yan Ru
 (74) RnB IP Pty Ltd
-
- Brown, G. see Brown, L.**
 (21) 2024264594
-
- (71) Brown, L.; Brown, G.
 (11) AU-A-2024264594
 (21) 2024264594 (22) 13.11.2024
 (54) APPARATUSES, SYSTEMS, AND METHODS FOR EXTRACTION AND/OR STORAGE OF ENERGY FROM MOVING FLUIDS
 (51) Int. Cl.
F03B 13/00 (2006.01)
 (43) 28.11.2024
 (62) 2022200084
 (72) Brown, Lawrence G.; Brown, Gregory A.M.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Canon Kabushiki Kaisha
 (11) AU-A-2024264578
 (21) 2024264578 (22) 12.11.2024
 (54) Method, apparatus and system for encoding and decoding a tensor
 (51) Int. Cl.
H04N 19/88 (2014.01)
H04N 19/119 (2014.01)
H04N 19/176 (2014.01)

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H04N 19/18 (2014.01)
H04N 19/48 (2014.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
(43) 28.11.2024
(62) 2022202473
(72) NGUYEN, Thi Hong Nhung; ROSE-WARNE, Christopher James
(74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
(11) AU-A-2024264602
(21) 2024264602 **(22)** 13.11.2024
(54) Cartridge and drum unit for electrophotographic image forming apparatus
(51) Int. Cl.
G03G 21/18 (2006.01)
G03G 15/00 (2006.01)
G03G 21/16 (2006.01)

(43) 28.11.2024
(62) 2023201536
(72) KAMOSHIDA, Shigemi; ARIMITSU, Takeshi; KOISHI, Isao; NIIKAWA, Yusuke
(74) Spruson & Ferguson

(71) CFPH, LLC
(11) AU-A-2024259824
(21) 2024259824 **(22)** 08.11.2024
(54) TRADING BASED ON FILL RATE
(51) Int. Cl.
G06Q 40/00 (2023.01)
(43) 28.11.2024
(62) 2022224724
(72) Loveless, Jacob
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) China UnionPay Co., Ltd.
(11) AU-A-2024259829
(21) 2024259829 **(22)** 08.11.2024
(54) DATA PROCESSING METHOD, SYSTEM AND SERVER BASED ON NFC TAG
(51) Int. Cl.
G06Q 20/32 (2012.01)
(43) 28.11.2024
(62) 2019239340
(72) LU, Zhijun; JIANG, Haijian; LIU, Gang; LIN, Jinren; CAI, Hua; ZHANG, Zheng; JIN, Kewei; XIA, Qin
(74) Churchill Attorneys

CHUNG SU CO., LTD. see FAR YI INDUSTRIAL CO., LTD.
(21) 2023202991

(71) Colgate-Palmolive Company
(11) AU-A-2024259879
(21) 2024259879 **(22)** 11.11.2024
(54) Oral care agent dispensing system
(51) Int. Cl.
A46B 11/00 (2006.01)
A46B 15/00 (2006.01)
A61C 19/06 (2006.01)

(43) 28.11.2024
(62) 2023200763
(72) SPEICHER, Erin; DAVIES-SMITH, Leighton
(74) Spruson & Ferguson

(71) ConocoPhillips Company
(11) AU-A-2024264586
(21) 2024264586 **(22)** 13.11.2024
(54) REAL TIME DOWNHOLE WATER CHEMISTRY AND USES
(51) Int. Cl.
E21B 43/26 (2006.01)
E21B 43/119 (2006.01)
E21B 49/00 (2006.01)
E21B 49/08 (2006.01)
E21B 47/10 (2012.01)
(43) 28.11.2024
(62) 2022377166
(72) Chowdhury, Subhadeep; Targac, Gary
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Containit Pty Ltd
(11) AU-A-2023202937
(21) 2023202937 **(22)** 11.05.2023
(54) COLLAPSIBLE, WATEPROOF STORAGE BOX
(51) Int. Cl.
B65D 88/52 (2006.01)
B65D 8/00 (2006.01)
B65D 19/06 (2006.01)
B65D 21/08 (2006.01)
B65D 90/08 (2006.01)
(43) 28.11.2024
(72) Mansley, Stephen Philip; Taylor, Keiran James; Mansley, Daniel Stephen; Mansley, Chester Roland
(74) Franke Hyland Pty Ltd

(71) Cura Therapeutics, LLC
(11) AU-A-2024259810
(21) 2024259810 **(22)** 07.11.2024
(54) Pharmaceutical compositions comprising phenylsulfonamides, and their therapeutic applications
(51) Int. Cl.
A61K 31/63 (2006.01)
A61P 25/00 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
(43) 28.11.2024
(62) 2019207491
(72) DEWJI, Nazneen
(74) FB Rice Pty Ltd

(71) Deere & Company
(11) AU-A-2024259788
(21) 2024259788 **(22)** 07.11.2024
(54) COMMODITY METERING SYSTEM WITH SPEED COMPENSATION BASED ON MACHINE TILT AND METHODS FOR OPERATING THE SAME
(51) Int. Cl.
A01C 7/10 (2006.01)
A01C 7/04 (2006.01)

(43) 28.11.2024
(62) 2018208629
(72) Borkgren, Stanley R.; Felton, Keith L.; Garner, Elijah B.
(74) James & Wells Intellectual Property

(71) Derrick Corporation
(11) AU-A-2024264589
(21) 2024264589 **(22)** 13.11.2024
(54) INJECTION MOLDED SCREENING APPARATUSES AND METHODS
(51) Int. Cl.
B07B 1/46 (2006.01)
B07B 1/28 (2006.01)
(43) 28.11.2024
(62) 2023248389
(72) Demay, Alex; Stodolka, Kurt
(74) PHILLIPS ORMONDE FITZPATRICK

(71) DET-IO PTY LIMITED
(11) AU-A-2024203136
(21) 2024203136 **(22)** 12.05.2024
(54) Decentralized system for identification, authentication, data encryption, cloud and distributed cluster computing
(51) Int. Cl.
G06Q 50/26 (2012.01)
G06F 9/50 (2006.01)
G06F 21/32 (2013.01)
G06F 21/41 (2013.01)
G06Q 10/00 (2023.01)
G06Q 40/04 (2012.01)
H04L 9/08 (2006.01)
H04L 9/32 (2006.01)
G06N 3/0464 (2023.01)
(31) 2023901444 **(32)** 12.05.23 **(33)** AU
(43) 28.11.2024
(72) Philipos, Jonathan; Livenson, Ilja; Poorun, Rohan
(74) DET-IO PTY LIMITED

(71) Dexcom, Inc.
(11) AU-A-2024259873
(21) 2024259873 **(22)** 11.11.2024
(54) Sensor interposers employing castellated through-vias
(51) Int. Cl.
H05K 1/02 (2006.01)
H05K 3/40 (2006.01)
H05K 1/14 (2006.01)
(43) 28.11.2024
(62) 2019225148
(72) FRICK, Sean; JUNG, Louis; LARI, David
(74) FB Rice Pty Ltd

(71) DRB DIFF SPARES & AXLES PTY LTD
(11) AU-A-2024205479
(21) 2024205479 **(22)** 02.08.2024
(54) A DIFFERENTIAL ASSEMBLY
(51) Int. Cl.
F16H 48/22 (2006.01)
F16H 57/04 (2010.01)
(31) 202311033414 **(32)** 11.05.23 **(33)** IN

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(43) 28.11.2024
 (72) Sharma, Shashi Kant
 (74) DRB DIFF SPARES & AXLES PTY LTD

(71) Easy Block Pty Ltd
 (11) AU-A-2023202938
 (21) 2023202938 (22) 11.05.2023
 (54) A BRACKET
 (51) Int. Cl.
F16L 3/13 (2006.01)
B29C 48/09 (2019.01)
F16L 3/237 (2006.01)
F16L 59/02 (2006.01)
F17D 1/08 (2006.01)
B29K 105/04 (2006.01)
B29L 31/00 (2006.01)
B29L 31/24 (2006.01)

(43) 28.11.2024
 (72) JANSEN, Peter
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Ecommerce Enablers Pte. Ltd.
 (11) AU-A-2024264600
 (21) 2024264600 (22) 13.11.2024
 (54) SYSTEM AND METHOD FOR PRESENTATION OF OFF-PLATFORM INCENTIVE INFORMATION DURING A MERCHANT PLATFORM SHOPPING SESSION
 (51) Int. Cl.
G06Q 30/02 (2023.01)
G06Q 20/38 (2012.01)

(43) 28.11.2024
 (62) 2021329207
 (72) Tay, Wenshu Isaac
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ECP Entwicklungsgesellschaft mbH
 (11) AU-A-2024259804
 (21) 2024259804 (22) 07.11.2024
 (54) Device for compressing a compressible part of a catheter pump
 (51) Int. Cl.
A61M 1/00 (2006.01)

(43) 28.11.2024
 (62) 2018321128
 (72) SCHECKEL, Mario
 (74) Spruson & Ferguson

ELI LILLY AND COMPANY see KeyBioscience SA
 (21) 2024219572

(71) Ellex Medical Pty Ltd
 (11) AU-A-2024264574
 (21) 2024264574 (22) 12.11.2024
 (54) Multi-spot ophthalmic laser
 (51) Int. Cl.
A61F 9/008 (2006.01)

(43) 28.11.2024
 (62) 2018317499
 (72) XIA, Wei; PREVIN, Victor; MCWILLIAMS, Robin; MARSHALL, John
 (74) Spruson & Ferguson

(71) Endotronix, Inc.
 (11) AU-A-2024259875
 (21) 2024259875 (22) 11.11.2024
 (54) MEMS DEVICE FOR AN IMPLANT ASSEMBLY
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/0215 (2006.01)

(43) 28.11.2024
 (62) 2019209962
 (72) ZAMAN, Mohammad Faisal; FONG, Jeffrey; CHEE, Julian; PANIAN, Tyler; NAGY, Michael
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Everi Payments Inc.
 (11) AU-A-2024259898
 (21) 2024259898 (22) 11.11.2024
 (54) CASINO MONETARY SYSTEM WITH INTEGRATED EXTERNAL ID AUTHENTICATION AND TRANSACTION RECORD GENERATION
 (51) Int. Cl.
G06Q 20/40 (2012.01)
G07F 17/32 (2006.01)

(43) 28.11.2024
 (62) 2019240659
 (72) FONG, Adam; NARAYANAN, Suresh; GURNEY, Marc; SUBRAMANIAN, Vinothkumar
 (74) Baxter Patent Attorneys Pty Ltd

(71) FAR YI INDUSTRIAL CO., LTD.; CHUNG SU CO., LTD.
 (11) AU-A-2023202991
 (21) 2023202991 (22) 12.05.2023
 (54) COMPOUND CLEANING DEVICE
 (51) Int. Cl.
A47L 13/03 (2006.01)
A46B 5/02 (2006.01)
A47L 13/022 (2006.01)
A47L 13/16 (2006.01)
A47L 13/26 (2006.01)
A47L 13/29 (2006.01)
A47L 13/46 (2006.01)
A47L 17/08 (2006.01)
B25G 1/10 (2006.01)
B25G 3/14 (2006.01)

(43) 28.11.2024
 (72) Lai, Hsin-Chung; Chang, Chin-Wei
 (74) Alfred Lei

(71) Fresenius Vial SAS
 (11) AU-A-2024259802
 (21) 2024259802 (22) 07.11.2024
 (54) Distribution server for patient devices
 (51) Int. Cl.
G16H 40/60 (2018.01)
G16H 20/17 (2018.01)

(43) 28.11.2024
 (62) 2019264737
 (72) AUDRAIN, Jean-Baptiste; BITH, Loic; WROBLEWSKI, Maciej
 (74) Spruson & Ferguson

(71) Fresenius Vial SAS
 (11) AU-A-2024259845
 (21) 2024259845 (22) 08.11.2024
 (54) Therapy-based database model for generating drug libraries
 (51) Int. Cl.
G16H 20/17 (2018.01)
G16H 40/60 (2018.01)

(43) 28.11.2024
 (62) 2019268519
 (72) MOSKAL, Witold
 (74) Spruson & Ferguson

(71) Fresenius Vial SAS
 (11) AU-A-2024264603
 (21) 2024264603 (22) 13.11.2024
 (54) Systems and methods for controlling a plurality of drug libraries
 (51) Int. Cl.
G16H 20/17 (2018.01)
A61M 5/14 (2006.01)

(43) 28.11.2024
 (62) 2019269926
 (72) MOSKAL, Witold
 (74) Spruson & Ferguson

(71) Fuzhou Wuli Miao Information Technology Co., Ltd.
 (11) AU-A-2023222901
 (21) 2023222901 (22) 30.08.2023
 (54) IMAGE RECOMMENDATION METHOD AND APPARATUS BASED ON USER PROFILE, ELECTRONIC DEVICE, AND STORAGE MEDIUM
 (51) Int. Cl.
G06F 16/55 (2019.01)
G06F 16/50 (2019.01)
G06F 16/75 (2019.01)

(31) 202310515442.9 (32) 09.05.23 (33) CN
 (43) 28.11.2024
 (72) Gao, Songdi; Chen, Tao; Han, Xiao
 (74) Madderns Pty Ltd

(71) Galvanize Therapeutics, Inc.
 (11) AU-A-2024227512
 (21) 2024227512 (22) 21.10.2024
 (54) METHODS, APPARATUSES, AND SYSTEMS FOR THE TREATMENT OF DISEASE STATES AND DISORDERS
 (51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/14 (2006.01)

(43) 28.11.2024
 (62) 2018397685
 (72) WALDSTREICHER, Jonathan Reuben; KRIMSKY, William Sanford; ZARINS, Denise M.; BEETEL III, Robert J.; FRIEDRICH, Paul Brian; TAYLOR, Kevin James; TUROVSKIY, Roman; LONG, Gary L.; NEAL II, Robert E.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Genentech, Inc.
 (11) AU-A-2024219664
 (21) 2024219664 (22) 12.09.2024

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(54) Immunoglobulin A antibodies and methods of production and use

- (51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07K 16/00 (2006.01)
C07K 16/46 (2006.01)

- (43) 28.11.2024
(62) 2020211974
(72) LOMBANA, Twyla Noelle; ZORN, Julie A.; MATSUMOTO, Marissa L.; SPIESS, Christoph; CIFERRI, Claudio; ES-TEVEZ, Alberto
(74) Griffith Hack

- (71) Genentech, Inc.
(11) AU-A-2024259843
(21) 2024259843 (22) 08.11.2024
(54) Anti-CD79b antibodies and immun-conjugates and methods of use

- (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)

- (43) 28.11.2024
(62) 2021204596
(72) CHEN, Yvonne; DENNIS, Mark; DORNAN, David; ELKINS, Kristi; JUNUTULA, Jagath Reddy; POLSON, Andrew; ZHENG, Bing
(74) Griffith Hack

- (71) Genzyme Corporation
(11) AU-A-2024227776
(21) 2024227776 (22) 30.10.2024
(54) Gene therapy for retinitis pigmentosa

- (51) Int. Cl.
A61K 48/00 (2006.01)
A61K 31/7105 (2006.01)
C12N 15/86 (2006.01)

- (43) 28.11.2024
(62) 2021200988
(72) O'RIORDAN, Catherine; ADAMOWICZ, Matthew
(74) Griffith Hack

(71) GFD Gesellschaft Für Diamantprodukte mbH; The Gillette Company LLC

- (11) AU-A-2024259801
(21) 2024259801 (22) 07.11.2024
(54) CUTTING BLADE AND HAIR REMOVAL DEVICE

- (51) Int. Cl.
B26B 21/56 (2006.01)
B26B 21/58 (2006.01)

- (43) 28.11.2024
(62) 2021254827
(72) Gluche, Peter; Gretschel, Ralph; Mertens, Michael
(74) PHILLIPS ORMONDE FITZPATRICK

- (71) GI Scientific, LLC
(11) AU-A-2024259785
(21) 2024259785 (22) 07.11.2024
(54) Device delivery tools and systems

(51) Int. Cl.
A61B 1/00 (2006.01)

- (43) 28.11.2024
(62) 2019205950
(72) MILLER, Scott
(74) GLMR

- (71) Gracenote, Inc.
(11) AU-A-2024259852
(21) 2024259852 (22) 08.11.2024

(54) Methods and apparatus to fingerprint an audio signal via normalization

- (51) Int. Cl.
G10L 19/018 (2013.01)
G10L 19/025 (2013.01)
G10L 25/18 (2013.01)

- (43) 28.11.2024
(62) 2022275486
(72) COOVER, Robert; RAFII, Zafar
(74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

- (11) AU-A-2024259872
(21) 2024259872 (22) 11.11.2024

(54) Video decoding method, video encoding method, video decoding apparatus and video encoding apparatus

- (51) Int. Cl.
H04N 19/109 (2014.01)
H04N 19/105 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/176 (2014.01)
H04N 19/503 (2014.01)

- (43) 28.11.2024
(62) 2019375731
(72) LEE, Bae Keun
(74) Spruson & Ferguson

Hitachi Energy Ltd see ABB Schweiz AG
(21) 2024259775

- (71) Huang, H.
(11) AU-A-2024203047
(21) 2024203047 (22) 08.05.2024

(54) A thermally broken frame assembly

- (51) Int. Cl.
E06B 1/18 (2006.01)
E06B 1/32 (2006.01)
E06B 1/60 (2006.01)
E06B 1/62 (2006.01)
E06B 3/26 (2006.01)
E06B 3/263 (2006.01)
E06B 3/54 (2006.01)
E06B 3/64 (2006.01)
E06B 3/66 (2006.01)

- (31) 2023901416 (32) 10.05.23 (33) AU
(43) 28.11.2024
(72) Huang, Haitao; Li, Yujin
(74) Michael Buck IP

- (71) Huawei Technologies Co., Ltd.
(11) AU-A-2024259866
(21) 2024259866 (22) 11.11.2024

(54) DATA TRANSMISSION METHOD AND APPARATUS

- (51) Int. Cl.
H04W 76/15 (2018.01)
H04W 24/02 (2009.01)

- (43) 28.11.2024
(62) 2021308500
(72) Gan, Ming; Liang, Dandan; Guo, Yuchen; Li, Yunbo; Yu, Jian
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.

- (11) AU-A-2024264556
(21) 2024264556 (22) 12.11.2024

(54) PDU UPLINK BANDWIDTH INDICATION METHOD AND RELATED APPARATUS

- (51) Int. Cl.
H04W 28/20 (2009.01)
H04W 72/04 (2023.01)

- (43) 28.11.2024
(62) 2021372786
(72) Gan, Ming; Li, Yiqing; Liu, Chenchen; Li, Yunbo; Guo, Yuchen; Yu, Jian; Yang, Xun
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.

- (11) AU-A-2024264587
(21) 2024264587 (22) 13.11.2024

(54) BANDWIDTH MODE INDICATION METHOD AND APPARATUS

- (51) Int. Cl.
H04W 28/20 (2009.01)

- (43) 28.11.2024
(62) 2021319726
(72) Li, Yunbo; Yu, Jian; Liu, Chenchen; Gan, Ming; Liang, Dandan; Guo, Yuchen
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hysential Pty Ltd

- (11) AU-A-2024201953
(21) 2024201953 (22) 26.03.2024

(54) A Twin Tissue Dispenser

- (51) Int. Cl.
A47K 10/38 (2006.01)
A47K 10/32 (2006.01)

- (31) 2023900863 (32) 28.03.23 (33) AU
(43) 28.11.2024
(72) Ugrinovski, Steven
(74) Steven Ugrinovski

(71) I Cook Catering Services Pty Ltd

- (11) AU-A-2024259811
(21) 2024259811 (22) 07.11.2024

(54) A TEXTURE MODIFIED FOOD PRODUCT

- (51) Int. Cl.
A23L 19/00 (2016.01)
A23L 3/16 (2006.01)
A23L 5/10 (2016.01)
A23L 33/00 (2016.01)

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 (62) 2018202788
 (72) Cook, Ian William; Cook, Michael Andrew
 (74) Griffith Hack

(71) IGT
 (11) AU-A-2024202334
 (21) 2024202334 (22) 11.04.2024
 (54) LINKING GAMING ESTABLISHMENT FUND MANAGEMENT ACCOUNT WITH FINANCIAL ACCOUNT ASSOCIATED WITH PAYMENT INSTRUMENT
 (51) Int. Cl.
 G06Q 20/10 (2012.01)
 G06Q 20/22 (2012.01)
 G06Q 40/02 (2023.01)
 G06Q 50/34 (2012.01)
 G07F 17/32 (2006.01)
 (31) 18/195,704 (32) 10.05.23 (33) US
 (43) 28.11.2024
 (72) Higgins, Kevin; Schiffer, Lisa; Shepherd, Jeffery
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2024202541
 (21) 2024202541 (22) 18.04.2024
 (54) Independently Randomly Determined Symbol Pattern Set Associated with Symbol Display Positions
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 (31) 18/314,335 (32) 09.05.23 (33) US
 (43) 28.11.2024
 (72) Hillstrom, Nick; Chong, Yu; Hillstrom, Lauren; Ajhar, Nathan
 (74) Clark Intellectual Property Pty Ltd

(71) IGT
 (11) AU-A-2024259813
 (21) 2024259813 (22) 08.11.2024
 (54) SYSTEM AND METHOD FOR INCENTIVIZING THE MAINTENANCE OF FUNDS IN A GAMING ESTABLISHMENT ACCOUNT
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 G06Q 20/10 (2012.01)
 (43) 28.11.2024
 (62) 2019202188
 (72) Higgins, Kevin; Shepherd, Jeffery; Miri, Sina; Davis, Dwayne A.; Petersen, Erik; Levin, Christopher
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Illinois Tool Works Inc.
 (11) AU-A-2024202870
 (21) 2024202870 (22) 01.05.2024
 (54) Apparatus for driving fasteners
 (51) Int. Cl.
 B25C 1/06 (2006.01)
 B25C 3/00 (2006.01)
 B25C 7/00 (2006.01)
 (31) 63/501,920 (32) 12.05.23 (33) US
 18/642,501 22.04.24 US

(43) 28.11.2024
 (72) Taylor, Walter; Young, Graeme; Patel, Sandeep
 (74) Davies Collison Cave Pty Ltd

(71) Illumina, Inc.
 (11) AU-A-2024219948
 (21) 2024219948 (22) 20.09.2024
 (54) Universal Short Adapters For Indexing Of Polynucleotide Samples
 (51) Int. Cl.
 C12Q 1/6869 (2018.01)
 C12N 15/10 (2006.01)
 (43) 28.11.2024
 (62) 2018266377
 (72) Singer, Tatjana; Kelley, Ryan; Bean, Gordon; Vermaas, Eric
 (74) WRAYS PTY LTD

(71) Illumina, Inc.
 (11) AU-A-2024259806
 (21) 2024259806 (22) 07.11.2024
 (54) Systems and methods for correlated error event mitigation for variant calling
 (51) Int. Cl.
 G16B 20/20 (2019.01)
 G16B 30/10 (2019.01)
 (43) 28.11.2024
 (62) 2019221869
 (72) Ojard, Eric Jon
 (74) Spruson & Ferguson

(71) Illumina, Inc.
 (11) AU-A-2024264566
 (21) 2024264566 (22) 12.11.2024
 (54) Methods And Compositions For Nucleic Acid Sequencing
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 C12Q 1/68 (2018.01)
 (43) 28.11.2024
 (62) 2021277737
 (72) STEEMERS, Frank; AMINI, Sasan; GUNDERSON, Kevin L.; PIGNATELLI, Natasha; GORYSHIN, Igor
 (74) WRAYS PTY LTD

(71) IMIDUS Technologies, Inc.
 (11) AU-A-2024259859
 (21) 2024259859 (22) 08.11.2024
 (54) Web integrated point-of-sale system
 (51) Int. Cl.
 G06Q 30/00 (2023.01)
 (43) 28.11.2024
 (62) 2022291608
 (72) IM, Sung Bin
 (74) FB Rice Pty Ltd

(71) ImmunityBio, Inc.
 (11) AU-A-2024227260
 (21) 2024227260 (22) 11.10.2024
 (54) Single-chain and multi-chain chimeric polypeptides and uses thereof
 (51) Int. Cl.
 C07K 14/54 (2006.01)
 A61K 38/00 (2006.01)

C07K 14/555 (2006.01)
 C07K 14/705 (2006.01)
 C07K 14/715 (2006.01)
 C07K 19/00 (2006.01)
 (43) 28.11.2024
 (62) 2019328575
 (72) WONG, Hing
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Imotik Biosolutions LLC
 (11) AU-A-2024259808
 (21) 2024259808 (22) 07.11.2024
 (54) Access port system with self-adjusting catheter length
 (51) Int. Cl.
 A61M 39/02 (2006.01)
 (43) 28.11.2024
 (62) 2019378007
 (72) CALIAS, Pericles; MORENCY, Michel
 (74) Spruson & Ferguson

(71) Impulse Downhole Solutions Ltd.
 (11) AU-A-2024259727
 (21) 2024259727 (22) 05.11.2024
 (54) FLOW-THROUGH PULSING ASSEMBLY FOR USE IN DOWNHOLE OPERATIONS
 (51) Int. Cl.
 E21B 7/24 (2006.01)
 (43) 28.11.2024
 (62) 2023201910
 (72) Lorensen, Troy; Leroux, Kevin; Parenteau, Dwayne; Kinsella, Douglas
 (74) Collison & Co

(71) INCYTE HOLDINGS CORPORATION
 (11) AU-A-2024264568
 (21) 2024264568 (22) 12.11.2024
 (54) TOPICAL FORMULATION FOR A JAK INHIBITOR
 (51) Int. Cl.
 A61K 9/107 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/519 (2006.01)
 A61K 47/06 (2006.01)
 A61K 47/10 (2017.01)
 (43) 28.11.2024
 (62) 2022204807
 (72) PARIKH, Bhavnish; SHAH, Bhavesh; YELESWARAN, Krishnaswamy
 (74) Houlihan Intellectual Property Pty Ltd

(71) Infrabuild Wire Pty Ltd
 (11) AU-A-2024202958
 (21) 2024202958 (22) 03.05.2024
 (54) ELECTRICAL OFFSETS FOR INSULATORS
 (51) Int. Cl.
 E04H 17/00 (2006.01)
 A01K 3/00 (2006.01)
 E04H 17/10 (2006.01)
 E04H 17/12 (2006.01)
 (31) 2023901388 (32) 08.05.23 (33) AU

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 (72) O'Toole, Lawrence; Himes, Thomson; Taylor, Bradley
 (74) Griffith Hack

(71) Integrity Security Services LLC
 (11) AU-A-2024259790
 (21) 2024259790 (22) 07.11.2024
 (54) Scalable certificate management system architectures
 (51) Int. Cl.
G06F 21/00 (2013.01)
 (43) 28.11.2024
 (62) 2019300777
 (72) MEYER, Alan T.; POWELL, Gregory A.
 (74) FPA Patent Attorneys Pty Ltd

(71) Intell Properties B.V.
 (11) AU-A-2024264569
 (21) 2024264569 (22) 12.11.2024
 (54) Cooktop with downdraft extraction and oblique fans
 (51) Int. Cl.
F24C 15/20 (2006.01)
 (43) 28.11.2024
 (62) 2020313306
 (72) KOOMEN, Wouter; RAJAMANI, Dinesh Raja
 (74) Griffith Hack

(71) Intuit Inc.
 (11) AU-A-2024202381
 (21) 2024202381 (22) 11.04.2024
 (54) Model based document image enhancement
 (51) Int. Cl.
G06T 5/60 (2024.01)
G06V 30/16 (2022.01)
G06V 30/20 (2022.01)
 (31) 18/144,638 (32) 08.05.23 (33) US
 (43) 28.11.2024
 (72) ZHANG, Jiabin; RIMCHALA, Tharathorn Joy; MOUATADID, Lalla; DAS, Kamalika; KALLUR PALLI KUMAR, Sricharan
 (74) Davies Collison Cave Pty Ltd

(71) iQuip Group Pty Ltd
 (11) AU-A-2023202847
 (21) 2023202847 (22) 08.05.2023
 (54) Improved Paint Roller Sleeve
 (51) Int. Cl.
B05C 17/02 (2006.01)
B05C 1/08 (2006.01)
 (43) 28.11.2024
 (72) Salisbury, Rohan Lister
 (74) Anderson IP

(71) Itron, Inc.
 (11) AU-A-2024202611
 (21) 2024202611 (22) 22.04.2024
 (54) Detection of unintended consumption of a utility commodity based on metrology data
 (51) Int. Cl.
G06Q 50/06 (2012.01)

G01R 21/133 (2006.01)
G06N 20/00 (2019.01)
G16Y 10/35 (2020.01)
 (31) 18/314,318 (32) 09.05.23 (33) US
 (43) 28.11.2024
 (72) WADAGERI, Mohammad Iqbal; MAIYA, Gundumi Subraya Raghavendra; PILAKKAT, Sajeesh; VOLAM, Praveen Kumar
 (74) Spruson & Ferguson

(71) Ixaka France SAS
 (11) AU-A-2024259893
 (21) 2024259893 (22) 11.11.2024
 (54) Polymer-Encapsulated Viral Vectors For Genetic Therapy
 (51) Int. Cl.
A61K 9/51 (2006.01)
C12N 15/86 (2006.01)
 (43) 28.11.2024
 (62) 2019213290
 (72) BAUCHE, Cecile; VAILLANT, Renaud; SARRY, Emeline; MOURLANE, Frederic; BISHOP, Philippe
 (74) Adams Pluck

(71) JA Engineering Group Pty Ltd
 (11) AU-A-2024202685
 (21) 2024202685 (22) 24.04.2024
 (54) Underground vehicle assembly
 (51) Int. Cl.
B66D 1/50 (2006.01)
B66D 1/12 (2006.01)
B66D 1/36 (2006.01)
B66D 1/46 (2006.01)
E21F 13/02 (2006.01)
E21F 13/04 (2006.01)
E21F 17/06 (2006.01)
 (31) 2023901423 (32) 10.05.23 (33) AU
 (43) 28.11.2024
 (72) BROOKS, Michael Glen; PAUL, Ross
 (74) Spruson & Ferguson

(71) Janssen Pharmaceuticals, Inc.; AC Immune S.A.
 (11) AU-A-2024259871
 (21) 2024259871 (22) 11.11.2024
 (54) Compositions of phosphorylated tau peptides and uses thereof
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61P 25/28 (2006.01)
 (43) 28.11.2024
 (62) 2018355325
 (72) RAMSBURG, Elizabeth Anne; DE MARCO, Donata; CHAKKUMKAL, Anish; SADAKA, Charlotte; GOUDSMIT, Jaap; MUHS, Andreas; PIHLGREN BOSCH, Maria; VUKICEVIC VERHILLE, Marija; HICKMAN, David; PIOT, Nicolas; GHIMIRE, Saroj Raj
 (74) Spruson & Ferguson

(71) Janssen Pharmaceuticals, Inc.; AC Immune S.A.
 (11) AU-A-2024259871
 (21) 2024259871 (22) 11.11.2024
 (54) Compositions of phosphorylated tau peptides and uses thereof
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61P 25/28 (2006.01)
 (43) 28.11.2024
 (62) 2018355325
 (72) RAMSBURG, Elizabeth Anne; DE MARCO, Donata; CHAKKUMKAL, Anish; SADAKA, Charlotte; GOUDSMIT, Jaap; MUHS, Andreas; PIHLGREN BOSCH, Maria; VUKICEVIC VERHILLE, Marija; HICKMAN, David; PIOT, Nicolas; GHIMIRE, Saroj Raj
 (74) Spruson & Ferguson

(71) Jiin Yeeh Ding Enterprise Corp.
 (11) AU-A-2024201704
 (21) 2024201704 (22) 14.03.2024

(54) Solar Panel Recycling System and the Recycling Method Thereof
 (51) Int. Cl.
B09B 3/30 (2022.01)
B09B 3/35 (2022.01)
B65G 43/08 (2006.01)
H01L 31/00 (2006.01)
H02S 30/00 (2014.01)
 (31) 112117765 (32) 12.05.23 (33) TW
 (43) 28.11.2024
 (72) YANG, CHIEN-HUNG; CHIU, WEI-CHENG
 (74) Wallington-Dummer

(71) JUUL Labs, Inc.
 (11) AU-A-2024259858
 (21) 2024259858 (22) 08.11.2024
 (54) On-demand, portable convection vaporizer
 (51) Int. Cl.
A61M 11/04 (2006.01)
A24F 47/00 (2020.01)
 (43) 28.11.2024
 (62) 2022231692
 (72) TASCHNER, Matthew J.; GOULD, Alexander J.; HATTON, Nicholas J.; LEON DUQUE, Esteban; ATKINS, Ariel; MONSEES, James; BOWEN, Adam; LOMELI, Kevin; CHRISTENSEN, Steven
 (74) Spruson & Ferguson

(71) KeyBioscience SA; ELI LILLY AND COMPANY
 (11) AU-A-2024219572
 (21) 2024219572 (22) 10.09.2024
 (54) Dual Amylin And Calcitonin Receptor Agonists And Uses Thereof
 (51) Int. Cl.
A61P 3/10 (2006.01)
A61K 47/54 (2017.01)
C07K 14/585 (2006.01)
A61K 38/00 (2006.01)
 (43) 28.11.2024
 (62) 2021401314
 (72) COSKUN, Tamer; QU, Hongchang; KARSDAL, Morten Asser; ANDREASSEN, Kim Vietz; HENRIKSEN, Kim
 (74) WRAYS PTY LTD

(71) Klotho Therapeutics, Inc.
 (11) AU-A-2024259844
 (21) 2024259844 (22) 08.11.2024
 (54) PRODUCTS AND METHODS FOR ASSESSING AND INCREASING KLOTTHO PROTEIN LEVELS
 (51) Int. Cl.
A61K 38/47 (2006.01)
A61P 13/12 (2006.01)
C12N 9/24 (2006.01)
 (43) 28.11.2024
 (62) 2018378802
 (72) Tarsio, Joseph F.; Raturi, Dinesh; Ramage, William Ian; Plante, James R.
 (74) PHILLIPS ORMONDE FITZPATRICK

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- (71) KNDS Deutschland GmbH & Co. KG
 (11) AU-A-2024259809
 (21) 2024259809 (22) 07.11.2024
 (54) Modular Military Vehicle System
 (51) Int. Cl.
F41H 7/04 (2006.01)
F41H 7/02 (2006.01)
 (43) 28.11.2024
 (62) 2020391030
 (72) RACZEK, Matthias; MELCHER, Lothar;
 ACHMÜLLER, Anton
 (74) Golja Haines & Friend
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- (71) KORU BIOTECH SOLUTIONS LIMITED
 (11) AU-A-2024219856
 (21) 2024219856 (22) 10.05.2024
 (54) THERAPEUTIC AGENTS AND COMPOSITIONS AND RELATED METHODS
 (51) Int. Cl.
C07K 16/12 (2006.01)
A61K 38/16 (2006.01)
A61K 38/40 (2006.01)
A61P 31/04 (2006.01)
C07K 16/04 (2006.01)
 (31) 2023901412 (32) 10.05.23 (33) AU
 (43) 28.11.2024
 (72) PERNTHANER, Anton; HURST, Suzanne
 (74) Catalyst Intellectual Property
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- (71) KPR U.S., LLC
 (11) AU-A-2024259840
 (21) 2024259840 (22) 08.11.2024
 (54) Cassette for a flow control apparatus
 (51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
 (43) 28.11.2024
 (62) 2019390392
 (72) BIERMANN, Wayne; TRELFOED, Lester Paul
 (74) Griffith Hack
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- (71) KY7 Inc.
 (11) AU-A-2024259795
 (21) 2024259795 (22) 07.11.2024
 (54) Lid Body
 (51) Int. Cl.
B65D 3/00 (2006.01)
B65D 41/04 (2006.01)
B65D 43/06 (2006.01)
B65D 43/08 (2006.01)
 (43) 28.11.2024
 (62) 2021284100
 (72) TAKANO, Akira
 (74) WRAYS PTY LTD
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- (71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
 (11) AU-A-2024202230
 (21) 2024202230 (22) 08.04.2024
 (54) INHALED NO FOR TREATING AN ADULT PATIENT WITH SEVERE ARDS
 (51) Int. Cl.
A61K 33/00 (2006.01)
A61B 5/145 (2006.01)
A61K 9/00 (2006.01)
A61M 16/12 (2006.01)
A61P 11/00 (2006.01)
 (31) 2304626 (32) 10.05.23 (33) FR
 (43) 28.11.2024
 (72) Lecourt, Laurent
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Landclan Limited
 (11) AU-A-2024259779
 (21) 2024259779 (22) 07.11.2024
 (54) Land acquisition and property development analysis platform
 (51) Int. Cl.
G06F 16/29 (2019.01)
G06F 16/9537 (2019.01)
G06Q 50/16 (2012.01)
 (43) 28.11.2024
 (62) 2019313477
 (72) KALYANASUNDARAM, Murali; HANKE, Marcus
 (74) Spruson & Ferguson
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- (71) Legrand AV Inc.
 (11) AU-A-2024203148
 (21) 2024203148 (22) 13.05.2024
 (54) Television mount with motion control features
 (51) Int. Cl.
F16M 11/04 (2006.01)
A47B 96/06 (2006.01)
F16M 11/16 (2006.01)
F16M 11/18 (2006.01)
F16M 11/20 (2006.01)
F16M 13/02 (2006.01)
 (31) 63/465,930 (32) 12.05.23 (33) US
 (43) 28.11.2024
 (72) ORF, Nathan
 (74) Spruson & Ferguson
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- (71) Li, M.
 (11) AU-A-2023202941
 (21) 2023202941 (22) 11.05.2023
 (54) Self-Locking Safety Plug and Socket
 (51) Int. Cl.
H01R 13/639 (2006.01)
H01R 13/02 (2006.01)
H01R 13/04 (2006.01)
H01R 24/76 (2011.01)
 (43) 28.11.2024
 (72) Li, Min; Li, Qian; Li, Wen
 (74) Alder IP Pty Ltd
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- (71) Lockheed Martin Corporation
 (11) AU-A-2024264595
 (21) 2024264595 (22) 13.11.2024
 (54) AUTOMATED STRUCTURAL LASER CLEANING SYSTEM
 (51) Int. Cl.
B23K 26/142 (2014.01)
B08B 7/00 (2006.01)
B23K 26/082 (2014.01)
G02B 7/00 (2021.01)
G06F 30/10 (2020.01)
G06F 113/28 (2020.01)
 (43) 28.11.2024
 (62) 2020239671
 (72) Coleman, David Haynes; Stoddard, Michael Bryan; Langevin, Jeffrey P.; Twaddle, Steven E.; Arthur, Alexandria Zoe
 (74) RnB IP Pty Ltd
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- (71) MAKO Surgical Corp.
 (11) AU-A-2024259865
 (21) 2024259865 (22) 11.11.2024
 (54) Robotic spine surgery system and methods
 (51) Int. Cl.
A61B 34/32 (2016.01)
A61B 17/16 (2006.01)
A61B 34/00 (2016.01)
A61B 34/20 (2016.01)
 (43) 28.11.2024
 (62) 2024200890
 (72) Kang, Hyosig
 (74) Davies Collison Cave Pty Ltd
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- (71) MAKO Surgical Corp.
 (11) AU-A-2024259878
 (21) 2024259878 (22) 11.11.2024
 (54) Robotic spine surgery system and methods
 (51) Int. Cl.
A61B 34/00 (2016.01)
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
A61B 34/30 (2016.01)
A61B 90/00 (2016.01)
 (43) 28.11.2024
 (62) 2019374890
 (72) KANG, Hyosig; DING, Jienan; BOWLING, David Gene; JONES, Christopher W.; MCEWAN, Greg; GSELLMAN, Lucas
 (74) Davies Collison Cave Pty Ltd
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- (71) Manufacturing Resources International, Inc.
 (11) AU-A-2024259868
 (21) 2024259868 (22) 11.11.2024
 (54) Fan control for electronic display assemblies
 (51) Int. Cl.
G01R 22/06 (2006.01)
G01R 22/10 (2006.01)
G02B 1/11 (2015.01)
G02F 1/133 (2006.01)
G02F 1/1333 (2006.01)
 (43) 28.11.2024
 (62) 2022238796
 (72) DUNN, William; BROWN, Mike; SCHUCH, John
 (74) Spruson & Ferguson
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- Massachusetts Institute of Technology see The Broad Institute, Inc.
 (21) 2024259800

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(71) MasterCard International Incorporated
 (11) AU-A-2024259833
 (21) 2024259833 (22) 08.11.2024
 (54) Method and system for trusted notifications
 (51) Int. Cl.
G06Q 20/00 (2012.01)
G06F 21/62 (2013.01)
 (43) 28.11.2024
 (62) 2018390330
 (72) GARRETT, Duncan; BERIC, John; WARD, Michael; ROBERTS, David Anthony
 (74) Davies Collison Cave Pty Ltd

(71) Medanic, R.
 (11) AU-A-2024203078
 (21) 2024203078 (22) 09.05.2024
 (54) Planter Assembly
 (51) Int. Cl.
A01G 9/02 (2018.01)
 (31) 2023901408 (32) 09.05.23 (33) AU
 (43) 28.11.2024
 (72) Medanic, Robert
 (74) MEYER WEST IP

(71) Medivators Inc.
 (11) AU-A-2024259861
 (21) 2024259861 (22) 08.11.2024
 (54) Cleaning Adapter With And Without Safety Tag
 (51) Int. Cl.
A61B 1/12 (2006.01)
A61B 1/00 (2006.01)
A61B 1/015 (2006.01)
A61B 1/04 (2006.01)
G02B 23/24 (2006.01)
 (43) 28.11.2024
 (62) 2019275262
 (72) HERNANDEZ, Cesar E; MILLER, John Wayne; BENDELE, Travis; RONAN, Joshua Lee; HIJAZI, Heba; GARRETT, Roger; LAGOW, Robert
 (74) WRAYS PTY LTD

(71) MeetingQuality Pty. Ltd.
 (11) AU-A-2024259897
 (21) 2024259897 (22) 11.11.2024
 (54) Meeting Survey System
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G06F 8/00 (2018.01)
 (43) 28.11.2024
 (62) 2019262084
 (72) MCGRATH, Kelvin
 (74) Wallington-Dummer

(71) MINETEK INVESTMENTS PTY LTD
 (11) AU-A-2024264580
 (21) 2024264580 (22) 12.11.2024
 (54) Impeller for a Duct
 (51) Int. Cl.
F04D 25/08 (2006.01)
F04D 29/32 (2006.01)
F04D 29/38 (2006.01)
F04D 29/54 (2006.01)
F04D 29/56 (2006.01)

(43) 28.11.2024
 (62) 2022333529
 (72) VAN DER WALT, Johannes Petrus
 (74) Caska Intellectual Property Pty Ltd

(71) MOUNSER, L.
 (11) AU-A-2024203005
 (21) 2024203005 (22) 07.05.2024
 (54) A SYSTEM FOR CONTROLLING THE INSIDE TEMPERATURE OF A BUILDING
 (51) Int. Cl.
F24F 11/00 (2018.01)
F24F 7/007 (2006.01)
F24F 11/30 (2018.01)
F24F 11/62 (2018.01)
F24F 7/00 (2021.01)
F24F 7/013 (2006.01)
F24F 11/46 (2018.01)
F24F 110/12 (2018.01)
 (31) 2023901418 (32) 10.05.23 (33) AU
 (43) 28.11.2024
 (72) MOUNSER, Larry
 (74) Adams Pluck

(71) Nektar Therapeutics
 (11) AU-A-2024227552
 (21) 2024227552 (22) 23.10.2024
 (54) Conjugates of an IL-2 moiety and a polymer
 (51) Int. Cl.
C07K 1/00 (2006.01)
A61K 45/00 (2006.01)
 (43) 28.11.2024
 (62) 2022268401
 (72) BOSSARD, Mary J.; ALI, Cherie F.; LIU, Xiaofeng; CHARYCH, Deborah H.; WANG, Yujun
 (74) Griffith Hack

(71) NeuroCycle Therapeutics, Inc.
 (11) AU-A-2024259803
 (21) 2024259803 (22) 07.11.2024
 (54) GABAA positive allosteric modulator compounds, methods of making, and uses thereof
 (51) Int. Cl.
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 519/00 (2006.01)
 (43) 28.11.2024
 (62) 2019255282
 (72) TOCZKO, Matthew; HUBBS, Jed
 (74) Spruson & Ferguson

(71) Nevro Corp.
 (11) AU-A-2024227486
 (21) 2024227486 (22) 19.10.2024
 (54) SELECTIVE HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN WITH REDUCED SIDE EFFECTS, AND ASSOCIATED SYSTEMS AND METHODS
 (51) Int. Cl.
A61N 1/32 (2006.01)

(43) 28.11.2024
 (62) 2022200443
 (72) Alataris, Konstantinos; Walker, Andre B.; Parker, Jon; Chitre, Yougandh; Park, Sangsoo Wesley; Thacker, James R.
 (74) RnB IP Pty Ltd

(71) Nocira, LLC
 (11) AU-A-2024259848
 (21) 2024259848 (22) 08.11.2024
 (54) External ear canal pressure regulation system
 (51) Int. Cl.
A61M 13/00 (2006.01)
 (43) 28.11.2024
 (62) 2022221552
 (72) GEORGE, David; BUCKLER, George; SULLIVAN, David Brice
 (74) FPA Patent Attorneys Pty Ltd

(71) Norwood Industries Inc.
 (11) AU-A-2024202724
 (21) 2024202724 (22) 26.04.2024
 (54) Sawmill carriage, sawmill carriage kit, and method of using same
 (51) Int. Cl.
B62B 5/02 (2006.01)
B23D 53/12 (2006.01)
B27B 15/02 (2006.01)
 (31) 3,199,071 (32) 08.05.23 (33) CA
 (43) 28.11.2024
 (72) CABRIT, Sebastien; VANDERHEYDEN, Daniel
 (74) Spruson & Ferguson

(71) Ocean Vision Environmental Research Pty Ltd
 (11) AU-A-2024202836
 (21) 2024202836 (22) 30.04.2024
 (54) A MOUNTING DEVICE
 (51) Int. Cl.
H05K 7/12 (2006.01)
H01R 12/89 (2011.01)
H05K 5/00 (2006.01)
H05K 7/02 (2006.01)
H05K 7/14 (2006.01)
H02B 1/26 (2006.01)
 (31) 2023901410 (32) 10.05.23 (33) AU
 (43) 28.11.2024
 (72) Harvey, Matthew; Dobson, Nicholas
 (74) Integrated IP

(71) OJO Labs, Inc.
 (11) AU-A-2024259817
 (21) 2024259817 (22) 08.11.2024
 (54) DYNAMIC SUBSYSTEM OPERATIONAL SEQUENCING TO CONCURRENTLY CONTROL AND DISTRIBUTE SUPERVISED LEARNING PROCESSOR TRAINING AND PROVIDE PREDICTIVE RESPONSES TO INPUT DATA
 (51) Int. Cl.
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
G06N 5/04 (2023.01)
G06N 3/063 (2023.01)

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(43) 28.11.2024
(62) 2021411330
(72) LEVY, Joshua Howard; LEGAULT, Jacy Myles; CZECHOWSKI, Kenneth
(74) James & Wells Intellectual Property

(71) OncoPep, Inc.
(11) AU-A-2024259780
(21) 2024259780 **(22)** 07.11.2024
(54) Peptide vaccines and pembrolizumab for treating breast cancer
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(43) 28.11.2024
(62) 2018353984
(72) PETERKIN, Doris; COHEN, Marc A.
(74) Spruson & Ferguson

(71) Phaslo Global Innovation Pty Ltd
(11) AU-A-2024203016
(21) 2024203016 **(22)** 07.05.2024
(54) IMPROVED PALLET SHIPPER
(51) Int. Cl.
B65D 19/38 (2006.01)
B65D 88/74 (2006.01)
F25D 16/00 (2006.01)
F28D 20/02 (2006.01)
F28D 20/00 (2006.01)
(31) 2023901381 **(32)** 08.05.23 **(33)** AU
(43) 28.11.2024
(72) Dart, Michael; Jancek, John
(74) Collison & Co

(71) Polaris Industries Inc.
(11) AU-A-2024202794
(21) 2024202794 **(22)** 30.04.2024
(54) SECURE MULTI-BUS CONTROL SYSTEM FOR RECREATIONAL VEHICLES
(51) Int. Cl.
B60R 16/023 (2006.01)
B60R 25/0215 (2013.01)
B60W 30/182 (2020.01)
(31) 63/465612 **(32)** 11.05.23 **(33)** US
(43) 28.11.2024
(72) Norstad, Timothy; Mitchell, Monica E.
(74) envantage

(71) PPG INDUSTRIES OHIO, INC.
(11) AU-A-2024219769
(21) 2024219769 **(22)** 08.05.2024
(54) INSULATIVE SILICONE COATING COMPOSITION
(51) Int. Cl.
C09D 183/06 (2006.01)
C08G 77/38 (2006.01)
C09D 7/40 (2018.01)
C09D 7/61 (2018.01)
C09D 183/04 (2006.01)
(31) 63/501,806 **(32)** 12.05.23 **(33)** US

(43) 28.11.2024
(72) RAKERS, Nicole Lynn; HUANG, Qiang; HENSEL, Gereme Thomas; KOLCUN, Adam James; BETZIG, Dikran
(74) Minter Ellison

President and Fellows of Harvard College see The Broad Institute, Inc.
(21) 2024259800

(71) Pulse Therapeutics, Inc.
(11) AU-A-2024259880
(21) 2024259880 **(22)** 11.11.2024
(54) Delivery of magnetic particles in conjunction with therapeutic and/or diagnostic agents
(51) Int. Cl.
A61B 17/3207 (2006.01)
A61B 17/22 (2006.01)
A61N 2/06 (2006.01)
A61N 2/10 (2006.01)
B82Y 5/00 (2011.01)
(43) 28.11.2024
(62) 2018374832
(72) KIDD, Brian, L.; CREIGHTON, Francis, M.; SABO, Michael, E.; MORRIS, Sean, C.
(74) FB Rice Pty Ltd

(71) Quantum-Si Incorporated
(11) AU-A-2024259870
(21) 2024259870 **(22)** 11.11.2024
(54) Biconjugatable labels and methods of use
(51) Int. Cl.
C09B 57/00 (2006.01)
C07D 413/14 (2006.01)
C07H 21/00 (2006.01)
C09B 11/24 (2006.01)
G01N 33/58 (2006.01)
(43) 28.11.2024
(62) 2019300169
(72) ROTHBERG, Jonathan M.; LACKEY, Jeremy; NANI, Roger; DODD, David
(74) Davies Collison Cave Pty Ltd

(71) Rani Therapeutics, LLC
(11) AU-A-2024259818
(21) 2024259818 **(22)** 08.11.2024
(54) Clotting factor preparations for delivery into tissue of the intestinal tract using a swallowable drug delivery device
(51) Int. Cl.
A61K 9/00 (2006.01)
(43) 28.11.2024
(62) 2018366110
(72) IMRAN, Mir; ANSALONI, Sara; KORU-POLU, Radhika; HARRIS, Joel; HASHIM, Mir
(74) FPA Patent Attorneys Pty Ltd

(71) Ratahi, T.
(11) AU-A-2024203046
(21) 2024203046 **(22)** 08.05.2024

(54) QUICK COUPLING ASSEMBLY FOR USE IN SCAFFOLDING STRUCTURES
(51) Int. Cl.
E04G 7/34 (2006.01)
E04G 7/18 (2006.01)
E04G 7/20 (2006.01)
E04G 7/24 (2006.01)
F16B 5/00 (2006.01)
F16B 9/00 (2006.01)
F16B 9/02 (2006.01)
E04G 1/36 (2006.01)
F16B 7/04 (2006.01)
(31) 2023901377 **(32)** 08.05.23 **(33)** AU
(43) 28.11.2024
(72) Ratahi, Tewata
(74) Michael Buck IP

(71) Redbiotec AG
(11) AU-A-2024219463
(21) 2024219463 **(22)** 06.09.2024
(54) Means And Methods For Treating HSV
(51) Int. Cl.
A61K 39/12 (2006.01)
(43) 28.11.2024
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(72) Stergiou, Garyfalia; Schaub, Christian; John, Corinne
(74) WRAYS PTY LTD

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2024219830
(21) 2024219830 **(22)** 18.09.2024
(54) Anti-met antibodies, bispecific antigen binding molecules that bind met, and methods of use thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
(43) 28.11.2024
(62) 2017362967
(72) Babb, Robert; Chen, Gang; Daly, Christopher; Dasilva, John; Macdonald, Douglas; Nittoli, Thomas
(74) AJ PARK

(71) Sabre Therapeutics LLC
(11) AU-A-2024264577
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(54) Autotaxin inhibitors and uses thereof
(51) Int. Cl.
A61K 31/4155 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/56 (2006.01)
A61P 3/04 (2006.01)
A61P 9/10 (2006.01)
A61P 11/00 (2006.01)
A61P 17/04 (2006.01)
A61P 25/02 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 401/14 (2006.01)

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 (72) Gretchen, BAIN; Jillian Frances, EVANS; John Howard, HUTCHINSON; David, LONERGAN
 (74) FB Rice Pty Ltd

(71) Sandvik Mining and Construction Oy
 (11) AU-A-2024202576
 (21) 2024202576 (22) 19.04.2024
 (54) GRIPPER, ROCK DRILLING UNIT AND METHOD
 (51) Int. Cl.
E21B 7/02 (2006.01)
E21B 19/00 (2006.01)
E21B 19/24 (2006.01)
E21D 20/00 (2006.01)
 (31) 23172251.3 (32) 09.05.23 (33) EP
 (43) 28.11.2024
 (72) Makkonen, Eero; Sillanpää, Vesa; Luutikivi, Jukka
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2024202887
 (21) 2024202887 (22) 01.05.2024
 (54) DIMMER CIRCUIT IMPROVEMENT
 (51) Int. Cl.
H03K 17/13 (2006.01)
H02M 1/00 (2007.01)
H02M 7/21 (2006.01)
H03L 7/081 (2006.01)
H02J 3/12 (2006.01)
H02M 7/219 (2006.01)
H05B 47/00 (2020.01)
 (31) 2023901383 (32) 08.05.23 (33) AU
 (43) 28.11.2024
 (72) Aryal, Pramod; Bhosale, Shardul
 (74) Madderns Pty Ltd

(71) SFS Group Fastening Technology Ltd
 (11) AU-A-2024264585
 (21) 2024264585 (22) 13.11.2024
 (54) Thermal Insulation Pad
 (51) Int. Cl.
E04F 13/08 (2006.01)
 (43) 28.11.2024
 (62) 2021214893
 (72) FRASER, David; KEMP, Ben
 (74) Allen & Associates

(71) SIMONELLI GROUP S.P.A.
 (11) AU-A-2024202945
 (21) 2024202945 (22) 03.05.2024
 (54) Coffee machine with milk sensor
 (51) Int. Cl.
A47J 43/12 (2006.01)
A47J 31/44 (2006.01)
A47J 31/58 (2006.01)
 (31) 10202300009369 (32) 11.05.23 (33) IT
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 (72) CINGOLANI, Claudio; PARRINI, Mauro; GIGLI, Leonardo
 (74) FB Rice Pty Ltd

(71) Simplehuman, LLC
 (11) AU-A-2023203636
 (21) 2023203636 (22) 09.06.2023
 (54) Cleaning supply holders and dispensers
 (51) Int. Cl.
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 (31) 18/316,992 (32) 12.05.23 (33) US
 (43) 28.11.2024
 (72) YANG, Frank; SANDOR, Joseph; LUM, Myk Wayne; WADE, Adam C.
 (74) Davies Collison Cave Pty Ltd

(71) SLD Technology, Inc.
 (11) AU-A-2024216532
 (21) 2024216532 (22) 02.09.2024
 (54) AIRFRAME SYSTEM AND METHOD OF CONTROLLING AIRFLOW
 (51) Int. Cl.
F24F 13/078 (2006.01)
A61B 50/00 (2016.01)
A61B 90/35 (2016.01)
A61B 90/40 (2016.01)
F24F 13/072 (2006.01)
 (31) 15/905,214 (32) 26.02.18 (33) US
 (43) 28.11.2024
 (72) Kevin Joseph, SCHREIBER
 (74) FB Rice Pty Ltd

(71) slennett-roberts, t.
 (11) AU-A-2023202924
 (21) 2023202924 (22) 11.05.2023
 (54) Process of a Terawatt Factory
 (51) Int. Cl.
F03D 9/43 (2016.01)
H02J 15/00 (2006.01)
 (43) 28.11.2024
 (72) slennett-roberts, trent
 (74) trent William slennett-roberts

(71) Snap-on Incorporated
 (11) AU-A-2024202714
 (21) 2024202714 (22) 26.04.2024
 (54) Indexable trim tool
 (51) Int. Cl.
B25B 27/00 (2006.01)
B25B 27/02 (2006.01)
B25B 27/14 (2006.01)
 (31) 18/195,145 (32) 09.05.23 (33) US
 (43) 28.11.2024
 (72) CALL, George R.R.
 (74) Griffith Hack

(71) Societe des Produits Nestle S.A.
 (11) AU-A-2024259827
 (21) 2024259827 (22) 08.11.2024
 (54) Beverage preparation machine with foam refinement
 (51) Int. Cl.
A47J 31/44 (2006.01)
 (43) 28.11.2024
 (62) 2018387158
 (72) KRISTLBAUER, Jürgen
 (74) Spruson & Ferguson

(71) Southern Seawall Solutions Pty Limited
 (11) AU-A-2024264601
 (21) 2024264601 (22) 13.11.2024
 (54) IMPROVED CAISSON SYSTEM AND METHOD FOR CONSTRUCTING SHORING WALLS
 (51) Int. Cl.
E02D 23/08 (2006.01)
E21B 7/00 (2006.01)
E21B 7/20 (2006.01)
E21B 10/00 (2006.01)
E21B 10/32 (2006.01)
 (43) 28.11.2024
 (62) 2022211831
 (72) MOLLOY, Anthony John
 (74) Halfords IP

(71) SPD Swiss Precision Diagnostics GmbH
 (11) AU-A-2024259892
 (21) 2024259892 (22) 11.11.2024
 (54) Assay device
 (51) Int. Cl.
G01N 33/558 (2006.01)
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 (72) UNGEPRAPAKORN, Catherine; CARLISLE, Stephen; RAJ, Balbir
 (74) FB Rice Pty Ltd

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 (11) AU-A-2024220029
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 (54) TARGET DETECTION USING TEMPERATURE CONTROLLED PROBES
 (51) Int. Cl.
C12Q 1/6818 (2018.01)
 (31) 2023901468 (32) 15.05.23 (33) AU
 (43) 28.11.2024
 (72) KIM, Ryung Rae; XU, Yin; ANEMAN, Ingrid Sara Linnea; TODD, Alison Velyian
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(71) Stryker European Operations Limited
 (11) AU-A-2024202987
 (21) 2024202987 (22) 06.05.2024
 (54) Technique for generating an image of an anatomical element in a pose indicated by planning data
 (51) Int. Cl.
A61B 34/10 (2016.01)
A61B 90/00 (2016.01)
 (31) 23172535.9 (32) 10.05.23 (33) EP
 (43) 28.11.2024
 (72) COLLICOTT, Cristina; MARTINS, Maria Manuel Carvalho de Freitas
 (74) Allens Patent & Trade Mark Attorneys

(71) Supernus Pharmaceuticals, Inc.
 (11) AU-A-2024264576
 (21) 2024264576 (22) 12.11.2024
 (54) Derivatives of substituted morpholines and uses thereof
 (51) Int. Cl.
C07D 265/30 (2006.01)
A61K 31/5375 (2006.01)

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A61P 25/00 (2006.01)
C07D 413/12 (2006.01)
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(72) PADIA, Janak Khimchand
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- (71)** Swedish Orphan Biovitrum AG
(11) AU-A-2024264563
(21) 2024264563 **(22)** 12.11.2024
(54) Methods, compositions and dosing regimens for treating or preventing interferon-gamma related indications
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
A61K 31/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
(43) 28.11.2024
(62) 2017352033
(72) DE MIN, Cristina; FERLIN, Walter; DE BENEDETTI, Fabrizio
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- (71)** SynerK Biotech Limited
(11) AU-A-2023202944
(21) 2023202944 **(22)** 11.05.2023
(54) A NUCLEIC ACID TARGETING PROTEIN CONVERTASE SUBTILISIN/KEXIN 9 AND USES THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 47/54 (2017.01)
(43) 28.11.2024
(72) Jiang, Weiwen; Yu, Dong; Tang, Jimmy Xibai
(74) RnB IP Pty Ltd
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- (71)** SynerK Biotech Limited
(11) AU-A-2023202951
(21) 2023202951 **(22)** 11.05.2023
(54) A COMPOUND, A CONJUGATE AND USES THEREOF
(51) Int. Cl.
C07H 15/18 (2006.01)
A61K 31/7125 (2006.01)
A61K 47/54 (2017.01)
A61P 1/16 (2006.01)
C07H 21/02 (2006.01)
C12N 15/113 (2010.01)
(43) 28.11.2024
(72) Yu, Dong
(74) RnB IP Pty Ltd
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- (71)** SynerK Biotech Limited
(11) AU-A-2023202952
(21) 2023202952 **(22)** 11.05.2023
(54) A NUCLEIC ACID TARGETING ANGIOTENSINOGEN AND USES THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 47/54 (2017.01)
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- (43)** 28.11.2024
(72) Jiang, Weiwen; Yu, Dong; Tang, Jimmy Xibai
(74) RnB IP Pty Ltd
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- (71)** Taiyuan University Of Technology
(11) AU-A-2023206081
(21) 2023206081 **(22)** 17.07.2023
(54) Excavation Trajectory Planning Method For Electric Shovels Based On Pile Surface Scanning And Grey Wolf Optimization
(51) Int. Cl.
E02F 3/43 (2006.01)
E02F 9/20 (2006.01)
(31) 202310521974.3 **(32)** 10.05.23 **(33)** CN
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(72) WU, Juan; FENG, Yinnan; KOU, Ziming; GUO, Chenhao; LIN, Baoguo
(74) WRAYS PTY LTD
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- (71)** Tanita Corporation
(11) AU-A-2024264572
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(54) MEASUREMENT DEVICE
(51) Int. Cl.
A61B 5/0537 (2021.01)
(43) 28.11.2024
(62) 2021295802
(72) KODAMA, Miyuki; NAGAHAMA, Toshiaki; SAKAI, Yoshio; TANIDA, Senri
(74) RnB IP Pty Ltd
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- (71)** TARIS Biomedical LLC
(11) AU-A-2024259822
(21) 2024259822 **(22)** 08.11.2024
(54) Drug delivery systems and methods for treatment of bladder cancer with gemcitabine
(51) Int. Cl.
A61K 31/7068 (2006.01)
A61P 35/00 (2006.01)
(43) 28.11.2024
(62) 2022215156
(72) GIESING, Dennis; LEE, Heejin; DANIEL, Karen
(74) Spruson & Ferguson
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- (71)** Taylor, R.
(11) AU-A-2024203114
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(54) A Device for Stretching Fence Wire
(51) Int. Cl.
E04H 17/02 (2006.01)
(31) 2023901452 **(32)** 12.05.23 **(33)** AU
(43) 28.11.2024
(72) Taylor, Roderick
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
-
- (71)** Techtronic Cordless GP
(11) AU-A-2024202895
(21) 2024202895 **(22)** 02.05.2024
(54) Floor brush and vacuum cleaner
(51) Int. Cl.
A47L 9/04 (2006.01)
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A47L 11/20 (2006.01)
(31) 202310511574.4 **(32)** 08.05.23 **(33)** CN
(43) 28.11.2024
(72) LIU, Hui Shu
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- (71)** Tencent America LLC
(11) AU-A-2024259899
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(54) Method for signaling output layer set with sub picture
(51) Int. Cl.
H04N 19/577 (2014.01)
(43) 28.11.2024
(62) 2023201689
(72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan
(74) Davies Collison Cave Pty Ltd
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- (71)** The Boeing Company
(11) AU-A-2024202856
(21) 2024202856 **(22)** 01.05.2024
(54) Methods for analysis of fastened structures and systems associated therewith
(51) Int. Cl.
G06F 30/20 (2020.01)
G01M 5/00 (2006.01)
G01N 3/08 (2006.01)
G01N 3/14 (2006.01)
G06F 30/10 (2020.01)
G06F 30/17 (2020.01)
(31) 18/315.082 **(32)** 10.05.23 **(33)** US
(43) 28.11.2024
(72) LILLEY, Bryan W.; SCHAEFER, Joseph D.
(74) FB Rice Pty Ltd
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- (71)** The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
(11) AU-A-2024259800
(21) 2024259800 **(22)** 07.11.2024
(54) SYSTEMS, METHODS, AND COMPOSITIONS FOR TARGETED NUCLEIC ACID EDITING
(51) Int. Cl.
A61K 38/43 (2006.01)
C12N 9/16 (2006.01)
C12N 15/09 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** The Chemours Company FC, LLC
(11) AU-A-2024259850
(21) 2024259850 **(22)** 08.11.2024
(54) STABILIZED FLUOROOLEFIN COMPOSITIONS AND METHODS FOR THEIR PRODUCTION, STORAGE AND USAGE
(51) Int. Cl.
C09K 5/04 (2006.01)

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(62) 2019261937
(72) PENG, Sheng; SUN-BLANKS, Jian; MINOR, Barbara Haviland; KIPP, Brian E.; KOBAN, Mary E.
(74) Houlihan Intellectual Property Pty Ltd

(71) The Children's Hospital of Philadelphia
(11) AU-A-2024259877
(21) 2024259877 **(22)** 11.11.2024
(54) Nonselective metabotropic glutamate receptor activators for treatment of attention deficit disorder and 22q syndrome
(51) Int. Cl.
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
(43) 28.11.2024
(62) 2022203039
(72) HAKONARSON, Hakon; KAO, Charly
(74) Griffith Hack

(71) The Children's Hospital of Philadelphia
(11) AU-A-2024259882
(21) 2024259882 **(22)** 11.11.2024
(54) Methods of diagnosing and treating anxiety disorder
(51) Int. Cl.
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
A61P 25/22 (2006.01)
(43) 28.11.2024
(62) 2022204355
(72) HAKONARSON, Hakon; KAO, Charly
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(71) The Chinese University of Hong Kong
(11) AU-A-2024259885
(21) 2024259885 **(22)** 11.11.2024
(54) Combined size-and count-based analysis of maternal plasma for detection of fetal subchromosomal aberrations
(51) Int. Cl.
C12Q 1/68 (2018.01)
(43) 28.11.2024
(62) 2021282408
(72) LO, Yuk-Ming Dennis; CHIU, Rossa Wai Kwun; CHAN, Kwan Chee; JIANG, Peiyong; YU, Cheuk Yin Jandy
(74) Griffith Hack

The Gillette Company LLC see GFD Gesellschaft Für Diamantprodukte mbH
(21) 2024259801

(71) The Gillette Company LLC
(11) AU-A-2024259815
(21) 2024259815 **(22)** 08.11.2024
(54) SHAVING DEVICE
(51) Int. Cl.
B26B 21/40 (2006.01)
B26B 21/56 (2006.01)
B26B 21/58 (2006.01)

(43) 28.11.2024
(62) 2021255781
(72) Gluche, Peter; Gretzschel, Ralph; Mertens, Michael; Gester, Matthias
(74) PHILLIPS ORMONDE FITZPATRICK

(71) The Gillette Company LLC
(11) AU-A-2024259816
(21) 2024259816 **(22)** 08.11.2024
(54) SHAVING DEVICE
(51) Int. Cl.
B26B 21/52 (2006.01)
B26B 21/56 (2006.01)
(43) 28.11.2024
(62) 2021256285
(72) Gluche, Peter; Gretzschel, Ralph; Mertens, Michael; Gester, Matthias
(74) PHILLIPS ORMONDE FITZPATRICK

(71) THE PROCTER & GAMBLE COMPANY
(11) AU-A-2024259834
(21) 2024259834 **(22)** 08.11.2024
(54) TOOTH WHITENING PRODUCT
(51) Int. Cl.
B32B 1/08 (2006.01)
B32B 27/32 (2006.01)
(43) 28.11.2024
(62) 2021333596
(72) MICHAEL, DAVID; MEDEIROS, Franco; RAMON MARTINEZ, Natalia Maria; RAJIAH, Jayanth
(74) AJ PARK

(71) THE PROCTER & GAMBLE COMPANY
(11) AU-A-2024264564
(21) 2024264564 **(22)** 12.11.2024
(54) REMINERALIZING ORAL CARE COMPOSITIONS COMPRISING TIN
(51) Int. Cl.
A61K 8/20 (2006.01)
A61K 8/21 (2006.01)
A61K 8/25 (2006.01)
A61K 8/365 (2006.01)
A61Q 11/00 (2006.01)
(43) 28.11.2024
(62) 2021268653
(72) BAIG, Arif Ali; BIESBROCK, Aaron Reed; GROTH, Andrew Frederic; ST JOHN, Samuel James
(74) AJ PARK

(71) The Regents of the University of California
(11) AU-A-2024256086
(21) 2024256086 **(22)** 31.10.2024
(54) IMMUNOENGINEERED PLURIPOTENT CELLS
(51) Int. Cl.
C12N 5/074 (2010.01)
A61K 35/545 (2015.01)
C12N 15/113 (2010.01)

(43) 28.11.2024
(62) 2018207649
(72) Sonja Schrepfer, Tobias Deuse
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Sy-Klone Company, LLC
(11) AU-A-2023203087
(21) 2023203087 **(22)** 17.05.2023
(54) Air quality monitoring and control system
(51) Int. Cl.
B60H 1/24 (2006.01)
B60H 1/00 (2006.01)
B60H 3/06 (2006.01)
(31) 18/196,507 **(32)** 12.05.23 **(33)** US
(43) 28.11.2024
(72) Moredock, Jeffrey L.; Moredock, James G.
(74) Davies Collison Cave Pty Ltd

(71) The University of Chicago
(11) AU-A-2024259762
(21) 2024259762 **(22)** 06.11.2024
(54) Methods and compositions for treating cancer with ECM-affinity peptides linked to cytokines
(51) Int. Cl.
C07K 14/55 (2006.01)
C07K 14/755 (2006.01)
(43) 28.11.2024
(62) 2019232729
(72) HUBBELL, Jeffrey A.; ISHIHARA, Jun; ISHIHARA, Aki; SASAKI, Koichi; SWARTZ, Melody; MANSUROV, Aslan
(74) FB Rice Pty Ltd

(71) Tidel Engineering, L.P.
(11) AU-A-2024259768
(21) 2024259768 **(22)** 06.11.2024
(54) Systems and methods for improving cash management system operation
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
G07G 1/00 (2006.01)
(43) 28.11.2024
(62) 2021259651
(72) TAYLOR, Darren; LEE, John T.; CRAWFORD, Jerry; REMIS, Steven; SHELTON, Christopher; TOLLIFSON, Laurie K.
(74) FB Rice Pty Ltd

(71) Trainsphere Holdings LLC
(11) AU-A-2024259839
(21) 2024259839 **(22)** 08.11.2024
(54) Motor powered lifting rack system
(51) Int. Cl.
A63B 21/072 (2006.01)
A63B 24/00 (2006.01)
(43) 28.11.2024
(62) 2022234382
(72) LANIER, Cody
(74) IP Savvy Pty Ltd

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(71) Trina Solar Co., Ltd
 (11) AU-A-2023266274
 (21) 2023266274 (22) 15.11.2023
 (54) Hybrid solar battery and photovoltaic module
 (51) Int. Cl.
H01L 31/04 (2014.01)
 (31) 202310526094.5 (32) 10.05.23 (33) CN
 (43) 28.11.2024
 (72) Guangtao YANG; Daming CHEN; Yifeng CHEN
 (74) Davies Collison Cave Pty Ltd

(71) Trina Solar Co., Ltd
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 (21) 2023278024 (22) 06.12.2023
 (54) Solar cells
 (51) Int. Cl.
H01L 31/0352 (2006.01)
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 (31) 202310512207.6 (32) 09.05.23 (33) CN
 (43) 28.11.2024
 (72) YANG, Guangtao; CHEN, Daming; CHEN, Yifeng
 (74) Davies Collison Cave Pty Ltd

(71) Trisco ICAP Pty Ltd
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 (54) Storage and delivery system
 (51) Int. Cl.
A23L 29/20 (2016.01)
B65D 25/38 (2006.01)
B65D 47/34 (2006.01)
 (43) 28.11.2024
 (62) 2022228203
 (72) Given, Not
 (74) FB Rice Pty Ltd

(71) Tsao, Y.
 (11) AU-A-2023285854
 (21) 2023285854 (22) 21.12.2023
 (54) WINDSHIELD WASHER RESERVOIR
 (51) Int. Cl.
B60S 1/50 (2006.01)
 (31) 112117386 (32) 10.05.23 (33) TW
 (43) 28.11.2024
 (72) Tsao, Yu-Min
 (74) Alfred Lei

(71) TurnCare, Inc.
 (11) AU-A-2024227409
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 (54) SYSTEMS AND METHODS FOR CONTROLLING AND MONITORING INFLATABLE PERFUSION ENHANCEMENT APPARATUS FOR MITIGATING CONTACT PRESSURE
 (51) Int. Cl.
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A61F 5/34 (2006.01)
A61G 7/057 (2006.01)

(43) 28.11.2024
 (62) 2019348038
 (72) SQUITIERI, Rafael Paolo; DEUTSCH, Robert Charles; FRAZIER, Steven Bruce
 (74) RnB IP Pty Ltd

(71) UCB Biopharma SRL
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 (54) Cell culture methods
 (51) Int. Cl.
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(43) 28.11.2024
 (62) 2018276376
 (72) Ben Yahia, Bassem; Malphettes, Laetitia; Kochanowski, Nadine; Renner, Gill; Durran, Sandrine; Yates, Andrew Jeffrey
 (74) Griffith Hack

(71) Universite de Geneve
 (11) AU-A-2024259760
 (21) 2024259760 (22) 06.11.2024
 (54) Tri-segmented aneuraviruses as vaccine vectors
 (51) Int. Cl.
C12N 15/86 (2006.01)
A61K 35/76 (2015.01)
A61K 39/00 (2006.01)
 (43) 28.11.2024
 (62) 2022200061
 (72) PINSCHEWER, Daniel David; MERKLER, Doron; KALLERT, Sandra Margarete; KREUTZFELDT, Mario; DARBRE ABDELRAHMAN, Stephanie Gabrielle; PAGE, Nicolas Jean
 (74) Spruson & Ferguson

(71) Vecon GmbH
 (11) AU-A-2024264570
 (21) 2024264570 (22) 12.11.2024
 (54) Photovoltaic system having a cable support structure
 (51) Int. Cl.
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 (62) 2021322700
 (72) CZALOUN, Johann
 (74) SPICER SPICER PTY LTD

(71) Volvo Autonomous Solutions AB
 (11) AU-A-2024202666
 (21) 2024202666 (22) 24.04.2024
 (54) A traffic planning method for a vehicle fleet
 (51) Int. Cl.
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G01C 21/34 (2006.01)
 (31) 23173049.0 (32) 12.05.23 (33) EP
 (43) 28.11.2024
 (72) HELLGREN, Jonas; KOJCHEV, Stefan
 (74) Griffith Hack

(71) Wildlife Acoustics, Inc.
 (11) AU-A-2024202991
 (21) 2024202991 (22) 06.05.2024
 (54) Acoustic recording device having Wi-Fi to multicast audio
 (51) Int. Cl.
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H04B 7/24 (2006.01)
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 (31) 18/144,548 (32) 08.05.23 (33) US
 (43) 28.11.2024
 (72) AGRANAT, Ian; SNYDER, Sherwood Kenneth; MORONEY, Andrew Patrick
 (74) Spruson & Ferguson

(71) Wilschefski, D.
 (11) AU-A-2023202869
 (21) 2023202869 (22) 09.05.2023
 (54) A picket driver
 (51) Int. Cl.
E04H 17/26 (2006.01)
 (43) 28.11.2024
 (72) Wilschefski, Dallis
 (74) Collison & Co

(71) Xard Group Pty Ltd
 (11) AU-A-2024259770
 (21) 2024259770 (22) 06.11.2024
 (54) SYSTEM AND METHOD FOR TRANS-ACTING
 (51) Int. Cl.
G06Q 20/34 (2012.01)
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 (43) 28.11.2024
 (62) 2022291439
 (72) Wilson, Robert
 (74) AUSTRALASIA IP PTY LTD

(71) Xard Group Pty Ltd
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 (54) DIGITAL TRANSACTION APPARATUS AND METHOD
 (51) Int. Cl.
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G06F 21/60 (2013.01)
G06Q 20/08 (2012.01)
 (43) 28.11.2024
 (62) 2022291440
 (72) Wilson, Robert
 (74) AUSTRALASIA IP PTY LTD

(71) Xard Group Pty Ltd
 (11) AU-A-2024259772
 (21) 2024259772 (22) 06.11.2024
 (54) BATTERY LIFE ESTIMATION
 (51) Int. Cl.
G06Q 20/34 (2012.01)
G06F 21/60 (2013.01)
G06Q 20/08 (2012.01)
 (43) 28.11.2024
 (62) 2023200043
 (72) Wilson, Robert
 (74) AUSTRALASIA IP PTY LTD

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 G06Q 20/08 (2012.01)
 (43) 28.11.2024
 (62) 2023200044
 (72) Wilson, Robert
 (74) AUSTRALASIA IP PTY LTD

(71) Yuhan Corporation
 (11) AU-A-2024259757
 (21) 2024259757 (22) 06.11.2024
 (54) Long-acting FGF21 fusion proteins and pharmaceutical composition comprising same
 (51) Int. Cl.
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 A61K 38/18 (2006.01)
 C07K 14/50 (2006.01)
 (43) 28.11.2024
 (62) 2021204115
 (72) KIM, Jun Hwan; LIM, Seyoung; SEO, Minji; CHOI, Hyun Ho; KIM, Dohoon; JU, Mi Kyeong; PARK, Ju-Young; CHOI, Byung Hyun; LEE, Jun Kyung; KIM, Jong Gyun; NAM, Su Youn
 (74) FB Rice Pty Ltd

(71) ZHEJIANG BAHE KITCHENWARE CO., LTD.
 (11) AU-A-2023219886
 (21) 2023219886 (22) 23.08.2023
 (54) NON-STICK VESSEL AND NON-STICK COOKING UTENSIL
 (51) Int. Cl.
 C23C 28/02 (2006.01)
 A47J 27/00 (2006.01)
 A47J 36/02 (2006.01)
 C23C 14/08 (2006.01)
 C23C 14/14 (2006.01)
 C23C 14/16 (2006.01)
 C23C 14/32 (2006.01)
 (31) 2023105299697 (32) 11.05.23 (33) CN
 2023108551181 13.07.23 CN
 (43) 28.11.2024
 (72) WANG, Ke
 (74) LAMINAR IP PTY LTD

(71) ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO.LTD OF CHALCO
 (11) AU-A-2024220208
 (21) 2024220208 (22) 08.01.2024
 (54) METHOD AND SYSTEM FOR PURIFYING ALUMINUM ELECTROLYSIS WASTE LITHIUM EXTRACTION SOLUTION
 (51) Int. Cl.
 C22B 7/04 (2006.01)
 B01D 36/00 (2006.01)
 C22B 3/02 (2006.01)
 C22B 3/22 (2006.01)
 C22B 26/12 (2006.01)
 (31) 202310546111.1 (32) 12.05.23 (33) CN

(43) 28.11.2024
 (72) CHEN, Kaibin; DU, Tingting; WU, Haiwen; LIU, Jianjun; LI, Ruonan; LUO, Zhongsheng; WANG, Xun; SUN, Lizhen; WU, Jianwei; JING, Quanhai
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(71) Zimmer, Inc.
 (11) AU-A-2024264552
 (21) 2024264552 (22) 12.11.2024
 (54) SYSTEMS FOR GUIDED REAMING OF COMPLEX SHAPES
 (51) Int. Cl.
 A61F 2/46 (2006.01)
 A61B 17/17 (2006.01)
 A61B 17/56 (2006.01)
 A61F 2/38 (2006.01)
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 (72) Yoko, Tim; Vandiepenbos, Jeffery A.; Azbell, Joseph Arthur
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| A47K 5 /- 2023203636 | | A61M 39 /- 2024259808 | A63F 9 /- 2024264588 | B32B 7 /- 2024227688 | C07D 265 /- 2024264576 |
| A47L 11 /- 2024202895 | | A61M 5 /- 2024227540 2024259769 2024259840 2024264603 | B01D 36 /- 2024220208 | B32B 9 /- 2024227688 | C07D 401 /- 2024264577 |
| A47L 13 /- 2023202991 | | A61N 1 /- 2024227486 | B05C 1 /- 2023202847 | B60H 1 /- 2023203087 | C07D 413 /- 2024259870 2024264576 |

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| C07D 471 /- 2024259803 | C12N 5 /- 2024256086 2024259881 | E06B 3 /- 2024203047 | F16M 11 /- 2024203148 | G02B 23 /- 2024259861 | 2024259829 2024259833 2024259898 2024264600 |
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| C07D 519 /- 2024259803 | C12P 21 /- 2024259881 | E21B 19 /- 2024202576 | F17D 1 /- 2023202938 | G02F 1 /- 2024259868 | G06Q 40 /- 2024202334 2024203136 2024259775 2024259824 |
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| C08G 77 /- 2024219769 | E01C 11 /- 2024227689 | F04D 13 /- 2024259890 | F25J 1 /- 2024202928 | G06F 30 /- 2024202856 2024264595 | G10L 19 /- 2024259852 |
| C09B 11 /- 2024259870 | E01C 13 /- 2024227688 2024227689 | F04D 15 /- 2024259890 | F28F 9 /- 2024202928 | G06F 8 /- 2024259897 | G10L 25 /- 2024259852 |
| C09B 57 /- 2024259870 | E02D 23 /- 2024264601 | F04D 25 /- 2024264580 | F41H 13 /- 2024259854 | G06F 9 /- 2024203136 | G16B 20 /- 2024259806 |
| C09D 183 /- 2024219769 | E02F 3 /- 2023206081 | F04D 29 /- 2024264580 | F41H 7 /- 2024259809 | G06N 10 /- 2023285953 | G16B 30 /- 2024259806 |
| C09D 7 /- 2024219769 | E02F 9 /- 2023206081 | F16B 13 /- 2024201901 | F42B 12 /- 2024259854 | G06N 20 /- 2024202611 2024264578 | G16H 20 /- 2024259802 2024259845 2024264603 |
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| C10M 171 /- 2024259850 | E04B 5 /- 2024201901 | F16B 7 /- 2024203046 | G01M 5 /- 2024202856 | G06N 5 /- 2024259817 | G16Y 10 /- 2024202611 |
| C12N 15 /- 2023202944 2023202951 2023202952 2024219948 2024227776 2024256086 2024259760 2024259800 2024259843 2024259893 2024264566 | E04F 13 /- 2024264585 | F16B 9 /- 2024203046 | G01N 3 /- 2024202856 | G06Q 10 /- 2024203136 2024259897 | H01L 31 /- 2023266274 2023278024 2024201704 |
| | E04G 1 /- 2024203046 | F16B 9 /- 2024203046 | G01N 33 /- 2024259870 2024259892 | G01R 21 /- 2024202611 | H01R 12 /- 2024202836 |
| | E04G 7 /- 2024203046 | F16H 48 /- 2024205479 | G01R 22 /- 2024259868 | G02B 1 /- 2024259868 | |
| | E04H 17 /- 2023202869 2024202958 2024203114 | F16H 57 /- 2024205479 | G01R 31 /- 2024259775 | | |
| | E06B 1 /- 2024203047 | F16L 3 /- 2023202938 | | | |
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2023202941

H05K 5 /-
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H05K 7 /-
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H02B 1 /-
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No IPC Mark

H02J 15 /-
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H02J 3 /-
2024202887

H02M 1 /-
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H02M 7 /-
2024202887

H02S 20 /-
2024264570

H02S 30 /-
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H03K 17 /-
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H03L 7 /-
2024202887

H04B 7 /-
2024202991

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2024203136

H04N 19 /-
2024259872
2024259899
2024264578

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H04W 4 /-
2024202991

H04W 72 /-
2024264556

H04W 76 /-
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H05B 47 /-
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H05K 1 /-
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H05K 3 /-
2024259873

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. (**) Title not given

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

(71) Dorel Australia Pty Ltd

(11) AU-A-2024100038

(21) 2024100038 **(22)** 22.10.2024

(54) Child restraint with harness adjustment

(51) Int. Cl.

B60N 2/28 (2006.01)

(45) 28.11.2024

(62) 2020220061

(72) THOMAS, Robert; PURCHAS, Mark;
CRAWFORD, Andrew; FORSYTH, Ben

(74) FPA Patent Attorneys Pty Ltd

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2024100038

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| <p>(71) ABBOTT LABORATORIES (11) AU-A-2023298134 (21) 2023298134 (22) 29.06.2023 (54) MAGNETIC POINT-OF-CARE SYSTEMS AND ASSAYS FOR DETERMINING GFAP IN BIOLOGICAL SAMPLES (51) Int. Cl. G01N 33/543 (2006.01) G01N 33/68 (2006.01) (87) WO2024/006876 (31) 63/356,843 (32) 29.06.22 (33) US 63/402,122 30.08.22 US 63/433,134 16.12.22 US 63/522,334 21.06.23 US (43) 04.01.2024 (72) VIRTANEN, Antti; MILLER, Cary James; LEE, Tony; KARABATSOS, Peter; JEFFREY, Craig; SCHAPALS, Andrew; TAYLOR, Alison (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) ABEC, INC. (11) AU-A-2023264560 (21) 2023264560 (22) 05.05.2023 (54) BIOREACTOR SYSTEMS (51) Int. Cl. C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/12 (2006.01) (87) WO2023/215564 (31) 63/339,124 (32) 06.05.22 (33) US 63/342,379 16.05.22 US (43) 09.11.2023 (72) BOYCE, Christopher; KUBERA, Paul; LEIGHT, Nicholas; MILLER, Daniel; DYKE, Eric (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2023265570 (21) 2023265570 (22) 04.05.2023 (54) POSITION DETECTION FOR A CIRCULATORY SUPPORT DEVICE (51) Int. Cl. A61M 60/216 (2021.01) A61M 60/13 (2021.01) A61M 60/531 (2021.01) A61M 60/538 (2021.01) A61M 60/585 (2021.01) A61M 60/867 (2021.01) (87) WO2023/215500 (31) 63/338,471 (32) 05.05.22 (33) US (43) 09.11.2023 (72) LEE, Adrienne; PATEL, Margi; TAN, Qing (74) Spruson & Ferguson</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2023267581</p> | <p>(21) 2023267581 (22) 10.05.2023 (54) EXPANDABLE SHEATH AND LINER THEREFOR (51) Int. Cl. A61M 25/00 (2006.01) A61M 25/06 (2006.01) (87) WO2023/220121 (31) 63/341,252 (32) 12.05.22 (33) US (43) 16.11.2023 (72) RAJARAM, Mithun; FISHMAN, Robert; KORKUCH, Christopher, Nason; PERKINS, Charles (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2023268435 (21) 2023268435 (22) 10.05.2023 (54) METHOD AND SYSTEM FOR REDUCING LIMB ISCHEMIA (51) Int. Cl. A61F 2/01 (2006.01) A61B 17/22 (2006.01) (87) WO2023/220100 (31) 63/340,344 (32) 10.05.22 (33) US (43) 16.11.2023 (72) FANTUZZI, Glen; BOTYAN, Nicholas; MADAMBA, Daniel (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2023268461 (21) 2023268461 (22) 11.05.2023 (54) CATHETER SECUREMENT DEVICE (51) Int. Cl. A61M 39/28 (2006.01) A61M 25/01 (2006.01) F16L 33/035 (2006.01) (87) WO2023/220230 (31) 63/341,261 (32) 12.05.22 (33) US (43) 16.11.2023 (72) KORKUCH, Christopher (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2023269047 (21) 2023269047 (22) 10.05.2023 (54) METHOD AND SYSTEM OF REDUCING LIMB ISCHEMIA (51) Int. Cl. A61B 17/00 (2006.01) A61M 25/10 (2013.01) (87) WO2023/220168 (31) 63/340,358 (32) 10.05.22 (33) US (43) 16.11.2023 (72) SWIERCZEK, Robert; MOURRAN, Claudia (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ABIOMED, INC. (11) AU-A-2023269997</p> | <p>(21) 2023269997 (22) 10.05.2023 (54) DISTAL LIMB PERFUSION CANNULA STENT & STENT CANNULA COVER (51) Int. Cl. A61M 25/04 (2006.01) (87) WO2023/220119 (31) 63/340,352 (32) 10.05.22 (33) US 63/444,529 09.02.23 US (43) 16.11.2023 (72) KORKUCH, Christopher; FANTUZZI, Glen; DELORENZO, Charles; JAHANGIR, Emilia; D'AGOSTINO, Matthew; SWIERCZEK, Robert; MCCALL, Alex (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ACS STAINLESS LIMITED (11) AU-A-2023268680 (21) 2023268680 (22) 11.05.2023 (54) A CAVITY TRAY AND MASONRY SUPPORT ELEMENT (51) Int. Cl. E04F 13/08 (2006.01) E04F 13/14 (2006.01) (87) WO2023/217968 (31) 2206949.6 (32) 12.05.22 (33) GB 2219667.9 23.12.22 GB 2305909.0 21.04.23 GB (43) 16.11.2023 (72) RUDING, Paul; SPENCER, Andrew (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p> <hr/> <p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023268152 (21) 2023268152 (22) 11.05.2023 (54) COMPOSITION COMPRISING A PHTHALIMIDE FUNGICIDE AND AN ACETIC ACID-BASED BUFFER (51) Int. Cl. A01N 41/12 (2006.01) A01N 25/04 (2006.01) A01N 25/22 (2006.01) A01N 47/04 (2006.01) A01P 3/00 (2006.01) (87) WO2023/218403 (31) 63/340,807 (32) 11.05.22 (33) US (43) 16.11.2023 (72) POLIAK, Diana; PRAIZ, Anna; FIRER SLAVA, Viacheslav; GORLOVETSKY, Ivan (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023269743 (21) 2023269743 (22) 11.05.2023 (54) PHTHALIMIDE FUNGICIDE COMPOSITION (51) Int. Cl. A01N 41/12 (2006.01)</p> |
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A01N 43/38 (2006.01)
A01N 47/04 (2006.01)
A01N 57/32 (2006.01)
A01P 3/00 (2006.01)
(87) WO2023/218409
(31) 63/340,807 **(32)** 11.05.22 **(33)** US
 202211032874 08.06.22 IN
(43) 16.11.2023
(72) POLIAK, Diana; VEN-
 KATESWARARAO, Yadagani;
 GORLOVETSKY, Ivan; DOTAN,
 Shachaf; PRAIZ, Anna; FIRER SLAVA,
 Viacheslav
(74) Davies Collison Cave Pty Ltd
-
- (71)** ADAMA MAKHTESHIM LTD.
(11) AU-A-2023275068
(21) 2023275068 **(22)** 26.05.2023
(54) FUNGICIDAL COMBINATIONS, MIX-
 TURES AND COMPOSITIONS AND
 USES THEREOF
(51) Int. Cl.
A01N 37/24 (2006.01)
A01N 37/34 (2006.01)
A01N 37/50 (2006.01)
A01N 43/10 (2006.01)
A01N 43/32 (2006.01)
A01N 43/40 (2006.01)
A01N 43/50 (2006.01)
A01N 43/54 (2006.01)
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A01N 43/653 (2006.01)
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A01N 47/12 (2006.01)
A01N 47/14 (2006.01)
A01N 47/24 (2006.01)
A01N 47/26 (2006.01)
A01N 59/02 (2006.01)
A01N 59/20 (2006.01)
A01P 3/00 (2006.01)
(87) WO2023/228148
(31) 63/346,296 **(32)** 26.05.22 **(33)** US
(43) 30.11.2023
(72) ROSENMUND, Alexandra; CONESE,
 Salvatore
(74) Davies Collison Cave Pty Ltd
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- (71)** ADVANCED INNERGY LTD
(11) AU-A-2023274964
(21) 2023274964 **(22)** 18.05.2023
(54) VORTEX-INDUCED VIBRATION
 STRAKE ARRANGEMENTS
(51) Int. Cl.
F15D 1/10 (2006.01)
E21B 17/01 (2006.01)
F16L 1/12 (2006.01)
(87) WO2023/227868
(31) 22305769.6 **(32)** 24.05.22 **(33)** EP
(43) 30.11.2023
(72) GAY, Florian
(74) James & Wells Intellectual Property
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- (71)** AKSEERA PHARMA CORP.; PATEL,
 M.; DR. MERCHANT, S.; MERCHANT,
 S.H.
(11) AU-A-2023248776
(21) 2023248776 **(22)** 10.04.2023
(54) A METHOD OF USE FOR CANNA-
 BIDIOL IN THE PREVENTION AND
 TREATMENT OF INTERFERON-RE-
 SPONSIVE CONDITIONS
(51) Int. Cl.
C07C 43/23 (2006.01)
A61K 45/06 (2006.01)
(87) WO2023/195029
(31) 202121045573 **(32)** 07.04.22 **(33)** IN
(43) 12.10.2023
(72) PATEL, Manit; DR. MERCHANT,
 Shreema; DUNCAN, Robin Elaine;
 FERNANDES, Maria Fernanda de An-
 drade
(74) Duncan Bucknell Company Pty Ltd
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- (71)** ALASTIN SKINCARE, INC.
(11) AU-A-2023253613
(21) 2023253613 **(22)** 12.04.2023
(54) OCTAPEPTIDE FOR TOPICAL AP-
 PPLICATION
(51) Int. Cl.
A61K 8/64 (2006.01)
A61K 8/65 (2006.01)
A61Q 19/08 (2006.01)
(87) WO2023/200875
(31) 63/330,752 **(32)** 13.04.22 **(33)** US
(43) 19.10.2023
(72) WIDGEROW, Alan, David; GARRUTO,
 John, A.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ALASTIN SKINCARE, INC.
(11) AU-A-2023254125
(21) 2023254125 **(22)** 12.04.2023
(54) COMBINATION OF OCTAPEPTIDE
 AND HIGH MOLECULAR WEIGHT HY-
 ALURONIC ACID FOR TOPICAL AP-
 PPLICATION
(51) Int. Cl.
A61K 8/64 (2006.01)
A61K 8/65 (2006.01)
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A61Q 19/08 (2006.01)
(87) WO2023/200874
(31) 63/330,710 **(32)** 13.04.22 **(33)** US
(43) 19.10.2023
(72) WIDGEROW, Alan David; GARRUTO,
 John A.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ALCON INC.
(11) AU-A-2023297145
(21) 2023297145 **(22)** 31.05.2023
(54) MACHINE LEARNING SYSTEM AND
 METHOD FOR INTRAOCULAR LENS
 SELECTION
(51) Int. Cl.
A61B 3/00 (2006.01)
A61F 2/16 (2006.01)
(87) WO2024/003630
(31) 17/855,326 **(32)** 30.06.22 **(33)** US
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- (43)** 04.01.2024
(72) PADRICK, Thomas; SARVER, Edwin
 Jay
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ALCON INC.
(11) AU-A-2023332736
(21) 2023332736 **(22)** 29.08.2023
(54) LONG-TERM MONITORING OF THE
 INCISION PERFORMANCE OF AN
 OPHTHALMIC LASER SURGICAL
 SYSTEM
(51) Int. Cl.
A61F 9/008 (2006.01)
(87) WO2024/047533
(31) 63/374,434 **(32)** 02.09.22 **(33)** US
(43) 07.03.2024
(72) FÖSEL, Matthias
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ALCOR SCIENTIFIC LLC
(11) AU-A-2023257368
(21) 2023257368 **(22)** 18.04.2023
(54) FLOW SENSOR SYSTEM AND METH-
 OD FOR USING SAME
(51) Int. Cl.
A61B 5/03 (2006.01)
A61B 5/01 (2006.01)
A23B 5/00 (2006.01)
A23L 35/00 (2016.01)
A61J 15/00 (2006.01)
(87) WO2023/205660
(31) 63/332,595 **(32)** 19.04.22 **(33)** US
(43) 26.10.2023
(72) SACCHETTI, Peter, J.
(74) Spruson & Ferguson
-
- (71)** ALPHATEC SPINE, INC.
(11) AU-A-2023273650
(21) 2023273650 **(22)** 17.05.2023
(54) STIMULATION SYSTEM
(51) Int. Cl.
A61B 5/00 (2006.01)
A61N 1/36 (2006.01)
(87) WO2023/225111
(31) 63/343,941 **(32)** 19.05.22 **(33)** US
(43) 23.11.2023
(72) O'BRIEN, Richard Arthur; SNOW,
 Robert Gerard; TURK, Kathryn Mae
(74) Dentons Patent Attorneys Australasia
 Limited
-
- (71)** ALUMIS INC.
(11) AU-A-2023269081
(21) 2023269081 **(22)** 12.05.2023
(54) CRYSTALLINE FORMS OF A TYK2 IN-
 HIBITOR AND USES THEREOF
(51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
A61P 29/00 (2006.01)
(87) WO2023/220338
(31) 63/341,528 **(32)** 13.05.22 **(33)** US
 63/405,577 12.09.22 US
(43) 16.11.2023
(72) BY, Kolbot; REMARCHUK, Travis
(74) Spruson & Ferguson

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| <p>(71) ALX ONCOLOGY INC. (11) AU-A-2023281712 (21) 2023281712 (22) 31.05.2023 (54) COMBINATION THERAPIES FOR TREATING UROTHELIAL CARCINOMA (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) (87) WO2023/235754 (31) 63/347,939 (32) 01.06.22 (33) US (43) 07.12.2023 (72) PONS, Jaume; RANDOLPH, Sophia; VRLJIC, Marija; TSIATIS, Athanasios; LIU, Haiying; LI, Min; CHEN, Amy Shaw-Ru (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> | <p>A61P 25/14 (2006.01) A61P 25/28 (2006.01) (87) WO2023/224995 (31) 17/746,458 (32) 17.05.22 (33) US (43) 23.11.2023 (72) COHEN, Joshua; KLEE, Justin (74) Davies Collison Cave Pty Ltd</p> | <p>jman Lotfali; WARREN, Richard B.; BENCZE, William Joseph (74) FPA Patent Attorneys Pty Ltd</p> |
| <p>(71) AMGEN INC.; GHENT UNIVERSITY (11) AU-A-2023307708 (21) 2023307708 (22) 10.07.2023 (54) TREATMENT OF EROSIIVE HAND OSTEOARTHRITIS (51) Int. Cl. A61P 19/02 (2006.01) C07K 16/28 (2006.01) (87) WO2024/015748 (31) 63/359,948 (32) 11.07.22 (33) US (43) 18.01.2024 (72) STAD, Robert, Kees; WITTOEK, Ruth; VERBRUGGEN, August; ELEWAUT, Dirk (74) Spruson & Ferguson</p> | <p>(71) APOGEE BIOLOGICS, INC. (11) AU-A-2023293289 (21) 2023293289 (22) 16.06.2023 (54) ANTIBODIES THAT BIND INTERLEUKIN 13 AND METHODS OF USE (51) Int. Cl. A61K 39/395 (2006.01) A61K 38/20 (2006.01) A61P 11/06 (2006.01) A61P 29/00 (2006.01) C07K 16/24 (2006.01) (87) WO2023/245187 (31) 63/353,367 (32) 17.06.22 (33) US 63/462,822 28.04.23 US 63/469,167 26.05.23 US (43) 21.12.2023 (72) SHAHEEN, Hussam H.; THOMPSON, Kenneth Evan; HARWIN, Peter; KISELAK, Tomas (74) Southern Cross Intellectual Property</p> | <p>(71) APRECIA PHARMACEUTICALS LLC (11) AU-A-2023254141 (21) 2023254141 (22) 13.04.2023 (54) SYSTEM AND METHOD FOR ADDITIVE MANUFACTURING USING AN OMNIDIRECTIONAL MAGNETIC MOVEMENT APPARATUS (51) Int. Cl. B29C 64/227 (2017.01) A61K 9/20 (2006.01) B33Y 30/00 (2015.01) (87) WO2023/200954 (31) 63/330,667 (32) 13.04.22 (33) US 63/416,585 16.10.22 US 63/455,281 29.03.23 US (43) 19.10.2023 (72) SMITH, Kyle Edward; SEXTON, Frederick A.; RISSER, Steven M.; SCOTT, Kenneth B.; LILLIE, Grace M.; HELD, Jeffrey R.; BRADBURY, Thomas J.; YOO, Jaedeok; DANHOF, Scott N.; EMERSON, Jared T.; HAUBERT, Thomas D.; PRESCOTT, James A.; PYZZA, Jake M.; TALLARICO, John P.; YUGULIS, Kevin L.; KOROL, Steven (74) FB Rice Pty Ltd</p> |
| <p>(71) AMYLYX PHARMACEUTICALS, INC. (11) AU-A-2023267604 (21) 2023267604 (22) 11.05.2023 (54) METHODS AND COMPOSITIONS FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS (51) Int. Cl. A61K 31/192 (2006.01) A61K 31/575 (2006.01) A61K 38/13 (2006.01) A61P 25/02 (2006.01) (87) WO2023/220236 (31) 17/742,707 (32) 12.05.22 (33) US (43) 16.11.2023 (72) COHEN, Joshua; KLEE, Justin (74) Davies Collison Cave Pty Ltd</p> | <p>(71) APPLE INC. (11) AU-A-2023268974 (21) 2023268974 (22) 21.04.2023 (54) RHYTHMIC COLLECTION OF POSITIONING INFORMATION (51) Int. Cl. G01S 5/00 (2006.01) G01S 19/34 (2010.01) (87) WO2023/219777 (31) 63/339,889 (32) 09.05.22 (33) US 63/374,730 06.09.22 US 18/304,104 20.04.23 US (43) 16.11.2023 (72) SELLE, Christina; RAO, Bharath Narasimha; GODHA, Saurabh; KERN, Andrew J.; DRISCOLL, Adam M.; DERVISOGLU, Gunes; BELVADI, Archana; LEE, Jong-Ki; JOSHI, Girish; BASTURK, Halil Ibrahim; MIRZARGAR, Seyyede Mahsa; BEARD, Jonathan M.; NAJARIAN, Richard (74) FPA Patent Attorneys Pty Ltd</p> | <p>(71) APT ASIA PACIFIC PTY. LTD. (11) AU-A-2024227688 (21) 2024227688 (22) 30.04.2024 (54) ARTIFICIAL TURF WITH PASSIVE TEMPERATURE CONTROL (51) Int. Cl. A41G 1/00 (2006.01) B32B 7/027 (2019.01) B32B 9/00 (2006.01) B32B 27/30 (2006.01) B32B 27/40 (2006.01) C09K 5/06 (2006.01) E01C 13/08 (2006.01) (31) 23171678.8 (32) 04.05.23 (33) EP 18/348,922 07.07.23 US (43) 28.11.2024 (72) TRITT, James Michael; CORBO, Dr. Robert; LUDDU, Sumeet (74) Kings Patent & Trade Marks Attorneys Pty Ltd</p> |
| <p>(71) AMYLYX PHARMACEUTICALS, INC. (11) AU-A-2023271764 (21) 2023271764 (22) 16.05.2023 (54) COMBINATION OF TAURURSODIOL AND SODIUM PHENYLBUTYRATE FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS (51) Int. Cl. A61K 31/192 (2006.01) A61K 31/575 (2006.01) A61P 25/00 (2006.01)</p> | <p>(71) APPLE INC. (11) AU-A-2023270158 (21) 2023270158 (22) 04.05.2023 (54) PROACTIVE PROVISION OF POSITIONING INFORMATION BASED ON USER CONTEXT (51) Int. Cl. H04W 4/021 (2018.01) G06F 1/3293 (2019.01) (87) WO2023/219872 (31) 63/339,898 (32) 09.05.22 (33) US 18/305,723 24.04.23 US (43) 16.11.2023 (72) MACGOUGAN, Glenn Donald; MILLER, Isaac Thomas; KAZEMI, Pe-</p> | <p>(71) APT ASIA PACIFIC PTY. LTD. (11) AU-A-2024227689 (21) 2024227689 (22) 30.04.2024 (54) FLOOR PAVEMENT STRUCTURE WITH PASSIVE TEMPERATURE CONTROL (51) Int. Cl. C09K 5/06 (2006.01) E01C 11/24 (2006.01) E01C 13/00 (2006.01) (31) 23171672.1 (32) 04.05.23 (33) EP 18/348,057 06.07.23 US (43) 28.11.2024 (72) TRITT, James Michael; LUDDU, Sumeet; CORBO, Robert (74) Kings Patent & Trade Marks Attorneys Pty Ltd</p> |

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 (11) AU-A-2022471042
 (21) 2022471042 (22) 29.07.2022
 (54) A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED ELECTRICAL SMELTING FURNACE
 (51) Int. Cl.
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)
 C21B 13/14 (2006.01)
 C21C 5/46 (2006.01)
 C21C 7/00 (2006.01)
 C21C 7/064 (2006.01)
 F27B 3/18 (2006.01)
 F27D 3/18 (2006.01)
 (87) WO2024/023570
 (43) 01.02.2024
 (72) HUBER, Jean-Christophe; SANCHEZ, Mathieu; DEPLECHIN, Simon Pierre
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2022471175
 (21) 2022471175 (22) 29.07.2022
 (54) A METHOD FOR MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING FURNACE
 (51) Int. Cl.
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)
 C21B 13/14 (2006.01)
 C21C 5/46 (2006.01)
 C21C 7/00 (2006.01)
 C21C 7/064 (2006.01)
 F27B 3/18 (2006.01)
 F27D 3/18 (2006.01)
 (87) WO2024/023559
 (43) 01.02.2024
 (72) HUBER, Jean-Christophe; SANCHEZ, Mathieu; HESS, Eric ,Alain, Gabriel
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2022471366
 (21) 2022471366 (22) 29.07.2022
 (54) A METHOD OF MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING FURNACE
 (51) Int. Cl.
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)
 C21C 1/02 (2006.01)
 C21C 5/28 (2006.01)
 C21B 13/12 (2006.01)
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 (87) WO2024/023561
 (43) 01.02.2024
 (72) HUBER, Jean-Christophe; SANCHEZ, Mathieu; HESS, Eric ,Alain, Gabriel
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2022471367
 (21) 2022471367 (22) 29.07.2022

(54) A METHOD FOR MANUFACTURING PIG IRON IN A PRODUCTION LINE COMPRISING AN ELECTRICAL SMELTING FURNACE
 (51) Int. Cl.
 C21B 13/00 (2006.01)
 C21B 11/10 (2006.01)
 C21B 13/12 (2006.01)
 C21B 13/14 (2006.01)
 C21C 1/02 (2006.01)
 (87) WO2024/023566
 (43) 01.02.2024
 (72) HUBER, Jean-Christophe; DEPLECHIN, Simon Pierre; SANCHEZ, Mathieu
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2022471655
 (21) 2022471655 (22) 29.07.2022
 (54) A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED FURNACE
 (51) Int. Cl.
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)
 C21B 13/14 (2006.01)
 C21C 5/46 (2006.01)
 C21C 7/00 (2006.01)
 C21C 7/064 (2006.01)
 F27B 3/18 (2006.01)
 F27D 3/18 (2006.01)
 (87) WO2024/023558
 (43) 01.02.2024
 (72) SANCHEZ, Mathieu; HUBER, Jean-Christophe
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2022471656
 (21) 2022471656 (22) 29.07.2022
 (54) METHOD FOR MANUFACTURING PIG IRON IN A PRODUCTION LINE COMPRISING AN ELECTRICAL SMELTING FURNACE
 (51) Int. Cl.
 C21B 3/02 (2006.01)
 C21B 3/04 (2006.01)
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)
 C21C 1/02 (2006.01)
 C21B 13/12 (2006.01)
 C21B 13/14 (2006.01)
 (87) WO2024/023563
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 (72) HUBER, Jean-Christophe; SANCHEZ, Mathieu; DEPLECHIN, Simon Pierre
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2022471657
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 (54) A METHOD OF MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING UNIT
 (51) Int. Cl.
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)

C21B 13/12 (2006.01)
 C21B 13/14 (2006.01)
 (87) WO2024/023568
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 (72) SANCHEZ, Mathieu; HUBER, Jean-Christophe; DEPLECHIN, Simon Pierre
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
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 (21) 2022472141 (22) 29.07.2022
 (54) METHOD FOR MANUFACTURING PIG IRON INTO AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED SMELTING FURNACE
 (51) Int. Cl.
 C21C 5/46 (2006.01)
 C21C 7/00 (2006.01)
 F27B 3/10 (2006.01)
 F27B 3/18 (2006.01)
 F27B 3/19 (2006.01)
 F27D 3/14 (2006.01)
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 (87) WO2024/023557
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 (72) HUBER, Jean-Christophe; SANCHEZ, Mathieu; DEPLECHIN, Simon Pierre
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2022472142
 (21) 2022472142 (22) 29.07.2022
 (54) A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED SMELTING FURNACE
 (51) Int. Cl.
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)
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 C21C 5/46 (2006.01)
 C21C 7/00 (2006.01)
 C21C 7/064 (2006.01)
 F27B 3/10 (2006.01)
 F27B 3/18 (2006.01)
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 F27D 3/14 (2006.01)
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 (87) WO2024/023562
 (43) 01.02.2024
 (72) SANCHEZ, Mathieu; HUBER, Jean-Christophe
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCELORMITTAL
 (11) AU-A-2023313102
 (21) 2023313102 (22) 20.07.2023
 (54) A METHOD OF MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING UNIT
 (51) Int. Cl.
 C21B 11/10 (2006.01)
 C21B 13/00 (2006.01)
 C22B 1/24 (2006.01)
 C21B 13/12 (2006.01)
 C21B 13/14 (2006.01)
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 (11) AU-A-2023306752
 (21) 2023306752 (22) 10.07.2023
 (54) OPERATION SUPPORT DEVICE, OPERATION SUPPORT METHOD AND OPERATION SUPPORT PROGRAM
 (51) Int. Cl.
C25B 15/00 (2006.01)
C25B 1/04 (2021.01)
C25B 1/46 (2006.01)
C25B 9/00 (2021.01)
C25B 15/023 (2021.01)
G05B 19/418 (2006.01)
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 (72) SUZUKI Yuto; SASAKI Takeaki; ISHII Akihito
 (74) Griffith Hack
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 (54) COMBINATION OF CYTOKINE FUSION PROTEINS WITH CD8 ANTIGEN BINDING MOLECULES
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
C12P 21/08 (2006.01)
A61P 37/02 (2006.01)
C07K 14/54 (2006.01)
 (87) WO2023/212056
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 (43) 02.11.2023
 (72) DJURETIC, Ivana; GREER, Renee L.; YEUNG, Yik Andy
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ASTELLAS PHARMA INC.
 (11) AU-A-2023268258
 (21) 2023268258 (22) 11.05.2023
 (54) ANTI-TAA/ANTI-CD3 MULTISPECIFIC ANTIBODY
 (51) Int. Cl.
C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/32 (2006.01)
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C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
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C12P 21/02 (2006.01)
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 (72) SOGA, Shinji; YAGI, Shigenori; SATAKE, Yoshiki; HONDA, Takashi; SATO, Masahito; CHAEN, Takashi
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) AUSTRALIAN LOCK COMPANY PTY LTD
 (11) AU-A-2023271384
 (21) 2023271384 (22) 15.05.2023
 (54) IMPROVED LOCK CORE WITH SIDEBARS
 (51) Int. Cl.
E05B 9/08 (2006.01)
E05B 27/00 (2006.01)
 (87) WO2023/220776
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 (72) YOU, Changyu; LARKIN, Andrew
 (74) Franke Hyland Pty Ltd
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 (51) Int. Cl.
B42D 25/30 (2014.01)
B82Y 20/00 (2011.01)
G02B 5/00 (2006.01)
G02B 5/18 (2006.01)
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 (72) BEALES, Graham; KHOSHNEGAR SHAHRESTANI, Milad
 (74) WRAYS PTY LTD
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- (71) AUTOMATED PET CARE PRODUCTS, LLC, d/b/a WHISKER
 (11) AU-A-2023267835
 (21) 2023267835 (22) 15.05.2023
 (54) AUTOMATIC FEEDING ASSEMBLY
 (51) Int. Cl.
A01K 5/01 (2006.01)
A01K 5/02 (2006.01)
 (87) WO2023/220751
 (31) 63/341,962 (32) 13.05.22 (33) US
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 (72) ZUPPKE, Jacob; BAXTER, Brad; RONGE, Daniel; ZEH, Mark; WEIHMAN, Jason; HEFTER, Garrison; SMITH, Jason
 (74) Allens Patent & Trade Mark Attorneys
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- (71) AUTOMATED PET CARE PRODUCTS, LLC, d/b/a WHISKER
 (11) AU-A-2023269867
 (21) 2023269867 (22) 15.05.2023
 (54) FOOD CONTAINER COMPATIBLE WITH AUTOMATIC FEEDING ASSEMBLY
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 (72) ZUPPKE, Jacob; BAXTER, Brad; RONGE, Daniel; ZEH, Mark; WEIHMAN, Jason; HEFTER, Garrison; SMITH, Jason
 (74) Allens Patent & Trade Mark Attorneys
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- (71) AWAK TECHNOLOGIES PTE LTD
 (11) AU-A-2023270908
 (21) 2023270908 (22) 18.05.2023
 (54) LONG SHELF-LIFE SORBENT CARTRIDGE
 (51) Int. Cl.
B01J 20/20 (2006.01)
A61M 1/14 (2006.01)
B01J 20/02 (2006.01)
B01J 20/06 (2006.01)
B01J 20/28 (2006.01)
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B01J 47/04 (2006.01)
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 (31) 10202205247R (32) 19.05.22 (33) SG
 (43) 23.11.2023
 (72) BELUR VENKATARAYA, Suresha; GORI, Mandar Manohar; SINGH, Sanjay Kumar; FERNANDES, Joel Preetham; PAWLAK, Marcin Bartlomiej; CHIRUMARRY, Sridhar; GADI, Vinod Kumar; HAYWOOD, Peter
 (74) FPA Patent Attorneys Pty Ltd
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- (71) BACKBEAT MEDICAL, LLC
 (11) AU-A-2023280993
 (21) 2023280993 (22) 31.05.2023
 (54) METHODS AND SYSTEMS FOR CONTROLLING BLOOD PRESSURE
 (51) Int. Cl.
A61N 1/00 (2006.01)
A61N 1/36 (2006.01)
A61N 1/365 (2006.01)
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 (87) WO2023/235722
 (31) 63/365,668 (32) 01.06.22 (33) US
 (43) 07.12.2023
 (72) SHERMAN, Darren; MIKA, Yuval; BELSKY, Ziv
 (74) Davies Collison Cave Pty Ltd
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- (71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
 (11) AU-A-2023255204
 (21) 2023255204 (22) 12.04.2023
 (54) MULTI-FREQUENCY SAMPLING SYSTEM
 (51) Int. Cl.
H04B 1/00 (2006.01)
H04B 1/58 (2006.01)
 (87) WO2023/205011
 (31) 17/659,554 (32) 18.04.22 (33) US
 (43) 26.10.2023
 (72) CANTRELL, William H.; TINCH, Mark; HUGHES, Mark E.; REDENBAUGH, Allan K.
 (74) Spruson & Ferguson

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 (11) AU-A-2023274962
 (21) 2023274962 (22) 11.05.2023
 (54) IMPROVED SELF-PROPELLED GUN SYSTEM
 (51) Int. Cl.
F41A 23/28 (2006.01)
F41A 23/34 (2006.01)
F41A 23/56 (2006.01)
 (87) WO2023/227858
 (31) 2207845.5 (32) 27.05.22 (33) GB
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 (43) 30.11.2023
 (72) LEWIN, Richard, Peter; ELLIOTT, Edward
 (74) Spruson & Ferguson

(71) BAE SYSTEMS PLC
 (11) AU-A-2023277775
 (21) 2023277775 (22) 16.05.2023
 (54) CONTROLLING AN AQUATIC VESSEL
 (51) Int. Cl.
G01C 21/00 (2006.01)
G05D 1/00 (2006.01)
G06N 5/02 (2023.01)
G06N 5/022 (2023.01)
 (87) WO2023/227859
 (31) 2207667.3 (32) 25.05.22 (33) GB
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 (72) BETT, Alex, Russell, James
 (74) Spruson & Ferguson

(71) BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED
 (11) AU-A-2023267030
 (21) 2023267030 (22) 12.05.2023
 (54) SYSTEM AND METHOD FOR SUBSEA WELL LEAK DETECTION AND CONTAINMENT
 (51) Int. Cl.
E21B 43/01 (2006.01)
E21B 47/10 (2012.01)
 (87) WO2023/217416
 (31) 63/341,207 (32) 12.05.22 (33) US
 18/141,184 28.04.23 US
 (43) 16.11.2023
 (72) FERREIRA, Joel
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BANGSAN CO., LTD; BANG, J.I.
 (11) AU-A-2022455022
 (21) 2022455022 (22) 21.07.2022
 (54) SPRAY-APPLIED FIREPROOF COVERING COMPOSITION RECYCLED FROM ACIDIC/NEUTRAL WASTE REFRATORIES
 (51) Int. Cl.
C04B 35/66 (2006.01)
C04B 14/36 (2006.01)
C04B 16/06 (2006.01)
C04B 18/16 (2023.01)
C04B 28/04 (2006.01)
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C04B 103/30 (2006.01)
C04B 103/44 (2006.01)
C04B 111/00 (2006.01)
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 (31) 10-2022-0050943 (32) 25.04.22 (33) KR

(43) 02.11.2023
 (72) BANG, Je Il
 (74) Baxter Patent Attorneys Pty Ltd

(71) BAOSHAN IRON & STEEL CO., LTD.
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C22C 38/02 (2006.01)
C22C 38/04 (2006.01)
C22C 38/06 (2006.01)
C22C 38/16 (2006.01)
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A61F 9/00 (2006.01)
A61J 1/14 (2023.01)
A61M 11/00 (2006.01)
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G05B 19/042 (2006.01)
F24F 11/32 (2018.01)
F24F 11/46 (2018.01)
G05B 13/02 (2006.01)
G05B 13/04 (2006.01)
G05B 19/406 (2006.01)
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G06Q 10/04 (2023.01)
G06Q 50/16 (2012.01)
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A61P 35/02 (2006.01)
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A61K 35/48 (2015.01)
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A61P 17/02 (2006.01)
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 F17C 1/16 (2006.01)
 B29C 70/32 (2006.01)
 B29C 70/54 (2006.01)
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 F17C 13/02 (2006.01)
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 C07D 471/10 (2006.01)
 A61K 31/335 (2006.01)
 A61K 31/38 (2006.01)
 A61K 31/437 (2006.01)
 A61K 31/4985 (2006.01)
 A61P 25/06 (2006.01)
 C07D 493/00 (2006.01)
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 C07D 205/04 (2006.01)
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 F25B 49/00 (2006.01)
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 B60B 19/12 (2006.01)
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 H01M 10/637 (2014.01)
 H01M 50/204 (2021.01)
 H01M 50/284 (2021.01)
 H01M 50/502 (2021.01)
 G01R 31/00 (2006.01)
 H01M 10/42 (2006.01)
 H05K 1/02 (2006.01)
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C12Q 1/6806 (2018.01)
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C08F 2/10 (2006.01)
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A61K 31/444 (2006.01)
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- (71) CLOCK BIO LIMITED
 (11) AU-A-2023262650
 (21) 2023262650 (22) 27.04.2023
 (54) METHOD FOR INDUCING ARTIFICIAL AGEING IN A STEM CELL AND USES OF SAID CELL
 (51) Int. Cl.
C12N 5/074 (2010.01)
C12N 5/0793 (2010.01)
 (87) WO2023/209384
 (31) 2206113.9 (32) 27.04.22 (33) GB
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 (72) KOTTER, Mark; BARANES, Koby
 (74) Allens Patent & Trade Mark Attorneys
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 (21) 2023437842 (22) 22.03.2023
 (54) NOVEL VENTILATION STRUCTURE FOR BIPV MODULES
 (51) Int. Cl.
H02S 40/42 (2014.01)
E04B 2/88 (2006.01)
F24F 7/00 (2021.01)
 (87) WO2024/192717
 (43) 26.09.2024
 (72) SHEN, Yilei; CHEN, Nan
 (74) Madderns Pty Ltd
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- (71) COHERE TECHNOLOGIES, INC.
 (11) AU-A-2023272592
 (21) 2023272592 (22) 17.05.2023
 (54) SPATIAL DIVERSITY MEASUREMENT, TRACKING AND MANAGEMENT
 (51) Int. Cl.
H04B 7/06 (2006.01)
H04W 74/04 (2009.01)
H04B 7/04 (2017.01)
 (87) WO2023/225074
 (31) 63/364,869 (32) 17.05.22 (33) US
 (43) 23.11.2023
 (72) RAKIB, Shlomo Selim
 (74) RnB IP Pty Ltd
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- (71) COLGATE-PALMOLIVE COMPANY
 (11) AU-A-2023294763
 (21) 2023294763 (22) 16.06.2023
 (54) ORAL COMPOSITIONS AND RELATED METHODS
 (51) Int. Cl.
A61K 8/04 (2006.01)

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A61K 8/27 (2006.01)
A61K 8/36 (2006.01)
A61K 8/41 (2006.01)
A61K 8/49 (2006.01)
A61Q 11/00 (2006.01)
A61Q 11/02 (2006.01)
(87) WO2023/244783
(31) 63/353,253 **(32)** 17.06.22 **(33)** US
(43) 21.12.2023
(72) HINRICHS, Ruth; MATUR, Turan
(74) Spruson & Ferguson

(71) COLLAGEN MATRIX, INC.
(11) AU-A-2023284939
(21) 2023284939 **(22)** 05.06.2023
(54) COLLAGEN-IMPREGNATED DEVICES AND METHODS FOR TREATMENT OF CANCER
(51) Int. Cl.
C07K 14/78 (2006.01)
A61P 35/00 (2006.01)
C08J 3/075 (2006.01)
A61K 38/10 (2006.01)
A61K 47/42 (2017.01)
(87) WO2023/239678
(31) 63/349,300 **(32)** 06.06.22 **(33)** US
(43) 14.12.2023
(72) AMMON, Daniel; CHEN, Hui-Chen; LEGARDA, Diana; CHINN, Joseph
(74) Eagar & Associates Pty Ltd

(71) COMPOUND SOLUTIONS, INC.; JEMYLL LTD.
(11) AU-A-2023269776
(21) 2023269776 **(22)** 08.05.2023
(54) HEPATOPROTECTIVE COMPOSITIONS AND METHODS
(51) Int. Cl.
A23L 29/00 (2016.01)
A23L 2/52 (2006.01)
A23L 33/115 (2016.01)
A23L 33/12 (2016.01)
(87) WO2023/220567
(31) 63/341,913 **(32)** 13.05.22 **(33)** US
 63/359,587 08.07.22 US
(43) 16.11.2023
(72) ANGELINI, Giulia; TITLOW, Matthew; AVILA, Timothy Shawn
(74) RnB IP

(71) CONOCOPHILLIPS COMPANY
(11) AU-A-2023260893
(21) 2023260893 **(22)** 20.04.2023
(54) TEMPORARY SUSPENSION OF COMPLETED HYDROCARBON WELLS
(51) Int. Cl.
E21B 23/01 (2006.01)
E21B 23/06 (2006.01)
E21B 17/00 (2006.01)
E21B 23/00 (2006.01)
E21B 33/12 (2006.01)
(87) WO2023/212505
(31) 63/335,050 **(32)** 26.04.22 **(33)** US
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(72) SOERHEIM, Jan Ove; ALBERTSEN, Lars; WOIE, Rune
(74) PHILLIPS ORMONDE FITZPATRICK

(71) CONOCOPHILLIPS COMPANY
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(21) 2023272430 **(22)** 19.05.2023
(54) CLOSED LOOP LNG PROCESS FOR A FEED GAS WITH HIGH NITROGEN CONTENT
(51) Int. Cl.
F25J 1/00 (2006.01)
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(72) ZHANG, Ying; MA, Qi; QUALLS, Wesley R.; JAMES, Will T.; CHAN, Jinghua
(74) RnB IP Pty Ltd

(71) CORTEVA AGRISCIENCE LLC
(11) AU-A-2023271679
(21) 2023271679 **(22)** 04.05.2023
(54) COMPOSITIONS HAVING PESTICIDAL UTILITY AND PROCESSES RELATED THERETO
(51) Int. Cl.
A01N 43/78 (2006.01)
A01P 7/04 (2006.01)
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(43) 23.11.2023
(72) GARIZI, Negar V.; WESSELS, Frank J.
(74) FPA Patent Attorneys Pty Ltd

(71) COVIDIEN LP
(11) AU-A-2023268652
(21) 2023268652 **(22)** 08.05.2023
(54) ELECTROSURGICAL SYSTEMS AND METHODS FOR TIME DOMAIN REFLECTOMETRY BASED TISSUE SENSING
(51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
(87) WO2023/218318
(31) 17/739,361 **(32)** 09.05.22 **(33)** US
(43) 16.11.2023
(72) CROFT, Richard L.
(74) Spruson & Ferguson

(71) CSL BEHRING LLC
(11) AU-A-2023251987
(21) 2023251987 **(22)** 13.04.2023
(54) METHODS OF PREPARING ALBUMIN PREPARATIONS
(51) Int. Cl.
A61K 38/38 (2006.01)
C07K 1/14 (2006.01)
(87) WO2023/200908
(31) 63/331,092 **(32)** 14.04.22 **(33)** US
(43) 19.10.2023
(72) ARNOLD, Charles; ERMAN, Jessica; MAAS, Kenneth
(74) FB Rice Pty Ltd

(71) CYTODIGM, INC.
(11) AU-A-2023297939
(21) 2023297939 **(22)** 29.06.2023
(54) HAVE BEEN NOVEL LIPID NANOPARTICLE COMPOSITIONS AND USES THEREOF
(51) Int. Cl.
A61K 9/14 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C12N 15/88 (2006.01)
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(31) 63/356,557 **(32)** 29.06.22 **(33)** US
(43) 04.01.2024
(72) WU, Bin; SONG, Heliang
(74) RnB IP

(71) DABIR SURFACES, INC.
(11) AU-A-2023260336
(21) 2023260336 **(22)** 25.04.2023
(54) SUPPORT SURFACE OVERLAY SYSTEM WITH WORKING FLUID RECYCLING
(51) Int. Cl.
A61G 7/057 (2006.01)
A61H 9/00 (2006.01)
(87) WO2023/211874
(31) 63/335,036 **(32)** 26.04.22 **(33)** US
(43) 02.11.2023
(72) NITSA, Anatoliy; CHUNG, Terry; DZIOBA, David A.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) DAIICHI SANKYO COMPANY, LIMITED; KYOTO PHARMACEUTICAL INDUSTRIES, LTD.
(11) AU-A-2023259936
(21) 2023259936 **(22)** 27.04.2023
(54) BENZOTRIAZOLE COMPOUND
(51) Int. Cl.
C07D 409/06 (2006.01)
A61K 31/4192 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/553 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 9/12 (2006.01)
A61P 11/06 (2006.01)
A61P 13/12 (2006.01)
A61P 17/00 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
A61P 27/06 (2006.01)
A61P 27/12 (2006.01)
A61P 37/02 (2006.01)
A61P 43/00 (2006.01)
C07D 417/10 (2006.01)
C07D 419/10 (2006.01)
C07D 419/14 (2006.01)
C07D 498/04 (2006.01)
C07D 513/04 (2006.01)
C07D 515/04 (2006.01)
C07D 515/10 (2006.01)
C07D 515/20 (2006.01)

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(43) 02.11.2023
(72) OGURA, Yoshihiro; TAKANO, Rieko; KAWAI, Junya; FUJIMOTO, Teppei; INUI, Masaharu; OFUKU, Masafumi; MIYAZAKI, Masaki; FUJII, Masaya; ISHII, Ken; YOKOZEKI, Wakana; OTAKE, Kazuya; TAKASHIMA, Shunsuke; ANDO, Masafumi
(74) FPA Patent Attorneys Pty Ltd
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- (71)** DANMARKS TEKNISKE UNIVERSITET; KØBENHAVNS UNIVERSITET
(11) AU-A-2023252506
(21) 2023252506 **(22)** 13.04.2023
(54) SYSTEMS AND METHODS FOR WASTE GAS TREATMENT
(51) Int. Cl.
B01D 53/56 (2006.01)
B01D 53/00 (2006.01)
B01D 53/70 (2006.01)
B01D 53/75 (2006.01)
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(31) 22168123.2 **(32)** 13.04.22 **(33)** EP
(43) 19.10.2023
(72) MANSOURI, Seyed, Soheil; ANDERSSON, Martin, Peter; JOHNSON, Matthew, Stanley; HANSEN, Peter, Riis; BEENFELDT, Christian
(74) FB Rice Pty Ltd
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- (71)** DENFLEX CO., LTD.
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(21) 2023257829 **(22)** 19.04.2023
(54) ABUTMENT FOR DENTAL IMPLANTS
(51) Int. Cl.
A61C 8/00 (2006.01)
(87) WO2023/204599
(31) 10-2022-0050052 **(32)** 22.04.22 **(33)** KR
(43) 26.10.2023
(72) KIM, Hyung-Woo
(74) Atkinson IP
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- (71)** DEPUY IRELAND UNLIMITED COMPANY
(11) AU-A-2023251824
(21) 2023251824 **(22)** 11.04.2023
(54) IMPROVEMENTS IN AND RELATING TO SURGICAL COMPONENT MOUNTING SYSTEMS
(51) Int. Cl.
A61F 2/46 (2006.01)
(87) WO2023/198687
(31) 2205303.7 **(32)** 11.04.22 **(33)** GB
(43) 19.10.2023
(72) KINBRUM, Amy; DREDGE, Elliot
(74) Spruson & Ferguson
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(21) 2023263729 **(22)** 03.05.2023
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- (54)** INHIBITORS OF TAU PROTEINS
(51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/506 (2006.01)
A61P 25/00 (2006.01)
A61P 25/16 (2006.01)
(87) WO2023/213850
(31) 22171346.4 **(32)** 03.05.22 **(33)** EP
(43) 09.11.2023
(72) ZWECKSTETTER, Markus; RAMIREZ, Lisa-Marie; IBANEZ DE OPAK-UA LOPEZ DE ABETXUKO, Alain; VORBERG, Ina; HEBESTREIT, Alina
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** DISC MEDICINE, INC.
(11) AU-A-2023280302
(21) 2023280302 **(22)** 30.05.2023
(54) COMPOSITIONS AND METHODS FOR TREATING HEPATIC PORPHYRIAS WITH GLYCINE TRANSPORT INHIBITORS
(51) Int. Cl.
A61K 31/496 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
A61P 7/00 (2006.01)
(87) WO2023/235326
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(43) 07.12.2023
(72) BECONI, Maria, Gabriela; WU, Min; HONG, Vu
(74) Pearce IP Pty Ltd
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- (71)** DIZOLV, INC.
(11) AU-A-2023256572
(21) 2023256572 **(22)** 20.04.2023
(54) BIODEGRADABLE THERMOPLASTIC MATERIALS
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/14 (2006.01)
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(43) 26.10.2023
(72) HSU, Alex; LIVESEY, Christopher W; ELLMAN, Sam
(74) Davies Collision Cave Pty Ltd
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- (71)** DOLBY LABORATORIES LICENSING CORPORATION
(11) AU-A-2023269978
(21) 2023269978 **(22)** 09.05.2023
(54) DISTRIBUTED INTERACTIVE BINAURAL RENDERING
(51) Int. Cl.
H04S 7/00 (2006.01)
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(43) 16.11.2023
(72) BREEBAART, Dirk Jeroen; MCGRATH, David S.
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(21) 2023259172 **(22)** 21.04.2023
(54) COMPRESSOR
(51) Int. Cl.
F04B 39/00 (2006.01)
F04B 39/12 (2006.01)
(87) WO2023/207771
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(43) 02.11.2023
(72) HAO, Haibo; GUAN, Weixian; WANG, Peng
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- (71)** DPG USA INC.; GUPTA, N.
(11) AU-A-2023270121
(21) 2023270121 **(22)** 27.01.2023
(54) CHALK LINER WITH CLEANING TOOL
(51) Int. Cl.
A41H 23/00 (2006.01)
B43K 23/016 (2006.01)
B43K 21/18 (2006.01)
(87) WO2023/219663
(31) 63/340,983 **(32)** 12.05.22 **(33)** US
(43) 16.11.2023
(72) GUPTA, Nikhil
(74) FPA Patent Attorneys Pty Ltd
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- (71)** DUESENFELD GMBH
(11) AU-A-2023261897
(21) 2023261897 **(22)** 16.02.2023
(54) METHOD FOR RECYCLING RECHARGEABLE BATTERIES AND RECHARGEABLE BATTERY PROCESSING SYSTEM
(51) Int. Cl.
H01M 10/052 (2010.01)
C22B 7/00 (2006.01)
H01M 10/0568 (2010.01)
H01M 10/54 (2006.01)
(87) WO2023/208436
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(72) BUBMANN, Till
(74) Spruson & Ferguson
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- (71)** DUPONT ELECTRONICS, INC.; DUPONT TECHNOLOGY (SHANGHAI) CO., LTD.
(11) AU-A-2023257447
(21) 2023257447 **(22)** 13.04.2023
(54) CURABLE SILOXANE COMPOSITION AND USE THEREOF IN SKIN CARE PRODUCTS
(51) Int. Cl.
C08G 77/20 (2006.01)
A61K 8/00 (2006.01)
C08G 77/04 (2006.01)
C08G 77/12 (2006.01)
C08L 83/04 (2006.01)
C08L 83/05 (2006.01)
C08L 83/07 (2006.01)
C09J 183/04 (2006.01)
C09J 183/05 (2006.01)
C09J 183/07 (2006.01)
(87) WO2023/202470

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(74) PHILLIPS ORMONDE FITZPATRICK

(71) DYN0 THERAPEUTICS, INC.
(11) AU-A-2023253718
(21) 2023253718 (22) 14.04.2023
(54) CAPSID VARIANTS AND METHODS OF USING THE SAME
(51) Int. Cl.
C07K 14/075 (2006.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
A61K 35/761 (2015.01)
A61K 48/00 (2006.01)
(87) WO2023/201364
(31) 63/331,543 (32) 15.04.22 (33) US
63/443,262 03.02.23 US
(43) 19.10.2023
(72) LEVITIN, Hanna; TURUNEN, Heikki
(74) FB Rice Pty Ltd

(71) ECOCEM MATERIALS LIMITED;
ECOLE NORMALE SUPERIEURE
PARIS-SACLAY; CENTRE NATIONAL
DE LA RECHERCHE SCIENTIFIQUE;
UNIVERSITE TOULOUSE III –
PAUL SABATIER; INSTITUT NATIONAL
DES SCIENCES APPLIQUÉES DE
TOULOUSE
(11) AU-A-2023267278
(21) 2023267278 (22) 10.05.2023
(54) HYDRAULIC BINDER COMPOSITIONS
COMPRISING STEEL MAKING
SLAG, A CO-BINDER AND AN ALKALI
MINERAL SALT
(51) Int. Cl.
C04B 28/08 (2006.01)
C04B 28/10 (2006.01)
C04B 111/60 (2006.01)
(87) WO2023/217811
(31) 22305696.1 (32) 10.05.22 (33) EP
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(72) FROUIN, Laurent; ALFANI, Roberta;
GUTSALENKO, Tanya; WATTEZ,
Thomas; CHAOUICHE, Mohend; CYR,
Martin
(74) FB Rice Pty Ltd

(71) ELECTROLUX APPLIANCES AK-
TIEBOLAG
(11) AU-A-2022462011
(21) 2022462011 (22) 09.06.2022
(54) LAUNDRY WASHING MACHINE
EQUIPPED WITH A MICRO-
PARTICLES FILTER DEVICE
(51) Int. Cl.
D06F 39/10 (2006.01)
D06F 39/08 (2006.01)
(87) WO2023/237199
(43) 14.12.2023
(72) CESCOT, Paolo; CONTARINI, Andrea;
LEONE, Carlo Antonio; DE PAOLI,
Stefano; PESSOT, Marco; TRANGONI,
Simone
(74) Halfords IP

(71) ELECTROLUX APPLIANCES AK-
TIEBOLAG
(11) AU-A-2022462414
(21) 2022462414 (22) 09.06.2022
(54) LAUNDRY WASHING MACHINE
EQUIPPED WITH A MICRO-
PARTICLES FILTER DEVICE AND
METHOD FOR CONTROLLING SAID
MACHINE
(51) Int. Cl.
D06F 39/10 (2006.01)
D06F 33/42 (2020.01)
D06F 33/43 (2020.01)
D06F 39/08 (2006.01)
(87) WO2023/237200
(43) 14.12.2023
(72) CESCOT, Paolo; CONTARINI, Andrea;
MAIERO, Marco; DEL POS, Maurizio;
LEONE, Carlo Antonio; ZATTIN, Andrea;
DE PAOLI, Stefano; PESSOT,
Marco; RUSALEN, Mattia
(74) Halfords IP

(71) ELECTROLUX APPLIANCES AK-
TIEBOLAG
(11) AU-A-2022462813
(21) 2022462813 (22) 09.06.2022
(54) MICROPARTICLES FILTER DEVICE
FOR A LAUNDRY WASHING
MACHINE, THE DEVICE BEING
PROVIDED WITH A CLEANING
DEVICE AND METHOD FOR REMOV-
ING THE CLEANING DEVICE
(51) Int. Cl.
D06F 33/43 (2020.01)
D06F 39/10 (2006.01)
(87) WO2023/237201
(43) 14.12.2023
(72) CESCOT, Paolo; CONTARINI, Andrea;
MAIERO, Marco; DEL POS, Maurizio;
LEONE, Carlo Antonio; ZATTIN, Andrea;
DE PAOLI, Stefano; PESSOT,
Marco; RUSALEN, Mattia
(74) Halfords IP

(71) ELECTROLUX APPLIANCES AK-
TIEBOLAG
(11) AU-A-2022462924
(21) 2022462924 (22) 09.06.2022
(54) LAUNDRY WASHING MACHINE HAV-
ING A MICROPARTICLES FILTER
DEVICE PROVIDED WITH A CLEAN-
ING DEVICE AND METHOD FOR RE-
MOVING THE CLEANING DEVICE
(51) Int. Cl.
D06F 39/10 (2006.01)
D06F 39/08 (2006.01)
(87) WO2023/237198
(43) 14.12.2023
(72) CESCOT, Paolo; CONTARINI, Andrea;
MAIERO, Marco; DEL POS, Maurizio;
LEONE, Carlo Antonio; ZATTIN, Andrea;
PESSOT, Marco; RUSALEN, Mat-
tia; DE PAOLI, Stefano
(74) Halfords IP

(71) ELEDON PHARMACEUTICALS, INC.
(11) AU-A-2023275542
(21) 2023275542 (22) 24.05.2023
(54) METHODS FOR THE TREATMENT OF
KIDNEY DISEASES OR DISORDERS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 13/12 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
(87) WO2023/230526
(31) 63/365,448 (32) 27.05.22 (33) US
(43) 30.11.2023
(72) PERRIN, Steven N.
(74) Spruson & Ferguson

(71) ELEDON PHARMACEUTICALS, INC.
(11) AU-A-2023276707
(21) 2023276707 (22) 24.05.2023
(54) METHODS FOR THE TREATMENT
OF AMYOTROPHIC LATERAL SCLER-
OSIS
(51) Int. Cl.
G01N 33/48 (2006.01)
C12Q 1/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/50 (2006.01)
(87) WO2023/230538
(31) 63/365,458 (32) 27.05.22 (33) US
(43) 30.11.2023
(72) PERRIN, Steven N.
(74) Spruson & Ferguson

(71) ELEMENT 22 GMBH
(11) AU-A-2023291287
(21) 2023291287 (22) 16.06.2023
(54) METHOD FOR PRODUCING
LAYERED SHEET STRUCTURES
FROM TITANIUM OR TITANIUM AL-
LOYS FOR USE IN ELECTRODES OF
PEM-TYPE ELECTROLYZERS AND/
OR FUEL CELLS
(51) Int. Cl.
B22F 7/00 (2006.01)
B22F 1/052 (2022.01)
B22F 3/22 (2006.01)
B22F 7/02 (2006.01)
B32B 15/00 (2006.01)
H01M 8/00 (2016.01)
B22F 7/04 (2006.01)
(87) WO2023/242430
(31) 22179509.9 (32) 17.06.22 (33) EP
(43) 21.12.2023
(72) SCHARVOGEL, Matthias;
SCHAPER, Johannes Geronimo;
WINKELMÜLLER, Wendelin; GERDTS,
Florian; LANG, Markus
(74) FB Rice Pty Ltd

(71) ELEMENT BIOSCIENCES, INC.
(11) AU-A-2023280486
(21) 2023280486 (22) 02.06.2023
(54) COMPOSITIONS AND METHODS
FOR REDUCING BASE CALL ER-
RORS BY REMOVING DEAMINATED
NUCLEOTIDES FROM A NUCLEIC
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A61P 19/02 (2006.01)
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C07J 71/00 (2006.01)
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E04F 13/00 (2006.01)
A61G 3/06 (2006.01)
B65G 69/30 (2006.01)
E01C 5/00 (2006.01)
E04F 11/00 (2006.01)
E05D 1/04 (2006.01)
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F28D 7/16 (2006.01)
F28F 13/00 (2006.01)
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C08J 3/075 (2006.01)
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H10N 10/17 (2023.01)
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C08K 5/37 (2006.01)
C07C 69/54 (2006.01)
C08F 2/48 (2006.01)
C08G 59/22 (2006.01)
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G06Q 50/26 (2012.01)
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F21V 14/02 (2006.01)
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G09F 13/30 (2006.01)
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C11D 1/66 (2006.01)
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C07D 213/65 (2006.01)
G01N 1/40 (2006.01)
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A43B 11/00 (2006.01)
A43B 3/24 (2006.01)
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A43B 23/02 (2006.01)
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A61K 31/4985 (2006.01)
C07D 487/02 (2006.01)
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A61P 35/00 (2006.01)
C07D 411/14 (2006.01)

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C03C 25/1065 (2018.01)
G02B 6/44 (2006.01)
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G06F 40/166 (2020.01)
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G06F 40/232 (2020.01)
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G16H 20/40 (2018.01)
A61M 1/16 (2006.01)
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B63B 1/24 (2020.01)
B63B 1/28 (2006.01)
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(72) BONNIOT, Guillaume
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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A42B 3/00 (2006.01)
A42B 3/04 (2006.01)
A42B 3/06 (2006.01)
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A42B 3/32 (2006.01)
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(72) WEBER, John
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
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(74) Griffith Hack

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(54) USE OF IRAK4 MODULATORS FOR GENE THERAPY
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C12N 15/86 (2006.01)
C12N 15/90 (2006.01)
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(74) Griffith Hack

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(51) Int. Cl.
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G01N 33/50 (2006.01)
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A61P 3/00 (2006.01)
A61K 31/661 (2006.01)
A61P 3/10 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) GI SCIENTIFIC, LLC
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 (51) Int. Cl.
A61B 90/70 (2016.01)
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B08B 9/04 (2006.01)
A61M 25/00 (2006.01)
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 (31) 17/739,146 (32) 08.05.22 (33) US
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 (72) MILLER, Scott; CARTER, Frank; GAUGER, Carl
 (74) GLMR
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 (51) Int. Cl.
A01K 87/08 (2006.01)
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C07H 1/02 (2006.01)
C07H 11/04 (2006.01)
A61K 9/127 (2006.01)
A61K 31/7028 (2006.01)
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G06F 3/04817 (2022.01)
G08C 17/02 (2006.01)
H04L 65/60 (2022.01)
H04W 76/14 (2018.01)
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B01D 25/12 (2006.01)
B01J 47/022 (2017.01)
G01N 30/60 (2006.01)
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A61F 2/95 (2013.01)
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B29C 53/42 (2006.01)
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A01K 29/00 (2006.01)
G06N 3/0464 (2023.01)
G06V 10/44 (2022.01)
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B63B 59/04 (2006.01)
D01F 1/10 (2006.01)
D01F 6/46 (2006.01)
D02G 3/36 (2006.01)
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D07B 1/14 (2006.01)
G01L 1/24 (2006.01)
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G16H 40/67 (2018.01)
A61B 5/00 (2006.01)
G16H 20/17 (2018.01)
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A01J 5/01 (2006.01)
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H04N 19/426 (2014.01)
H04N 19/124 (2014.01)
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- (71) JGC CORPORATION
 (11) AU-A-2022475799
 (21) 2022475799 (22) 23.08.2022
 (54) CONSTRUCTION METHOD FOR STRUCTURE
 (51) Int. Cl.
E02D 27/01 (2006.01)
E02D 29/00 (2006.01)
 (87) WO2024/042603
 (43) 29.02.2024
 (72) TSUCHIYA Hironobu; UCHINO Keita
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) JOHN BEAN TECHNOLOGIES AB
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 (51) Int. Cl.
F25B 49/02 (2006.01)
F25B 1/00 (2006.01)
F25B 43/00 (2006.01)
 (87) WO2023/198787
 (31) 63/331,372 (32) 15.04.22 (33) US
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 (72) OHLSSON, Håkan Per; PERSSON, Fredrik Lars Martin; SILJEBORN, Lars Johan
 (74) FPA Patent Attorneys Pty Ltd
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- (71) JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
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 (54) SYSTEM FOR PRODUCING A HYDROCARBON PRODUCT FROM A SYNGAS
 (51) Int. Cl.
C10G 2/00 (2006.01)
 (87) WO2023/237849
 (31) 2208492.5 (32) 10.06.22 (33) GB
 (43) 14.12.2023
 (72) COOK, Amelia Lorna Solveig; MARTIN, Christopher Thomas
 (74) Spruson & Ferguson
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- (71) JOHNSON MATTHEY HYDROGEN TECHNOLOGIES LIMITED
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 (21) 2023297106 (22) 27.06.2023
 (54) MEMBRANE
 (51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 13/05 (2021.01)
C25B 13/08 (2006.01)
H01M 8/1004 (2016.01)
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 (31) 2209514.5 (32) 29.06.22 (33) GB
 (43) 04.01.2024
 (72) GONZALEZ HERRERA, Monica; McDONNELL, William David; ZALITIS, Chris
 (74) Spruson & Ferguson
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 (21) 2023273656 (22) 18.05.2023
 (54) PIPERIDINYL-METHYL-PURINE AMINE D-TARTARIC ACID SALTS, CRYSTALLINE FORMS, AND THEIR USE IN TREATING MEDICAL DISEASES AND CONDITIONS
 (51) Int. Cl.
C07D 473/34 (2006.01)
A61K 31/52 (2006.01)
A61P 9/12 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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 (43) 23.11.2023
 (72) CONNOLLY, Terrence Joseph; LEWIS, Chad Arthur
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A61K 31/4985 (2006.01)
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A61P 25/04 (2006.01)
A61P 25/06 (2006.01)
C07K 16/28 (2006.01)
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(72) KUPFERMAN, Justine; MCMANUS,
Justin, N., J.; WHANG, John
(74) FB Rice Pty Ltd

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(54) VISUALIZATION DEVICE AND VISU-
ALIZATION METHOD
(51) Int. Cl.
G01S 13/89 (2006.01)
G01S 7/02 (2006.01)
(87) WO2024/116762
(31) 2022-190774 (32) 29.11.22 (33) JP
(43) 06.06.2024
(72) KIMURA, Fumitoshi; KIMURA, Kenjiro;
KIMURA, Noriaki
(74) Griffith Hack

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CO., LTD.
(11) AU-A-2023265202
(21) 2023265202 (22) 01.05.2023
(54) ANILINE-DERIVATIVE-CONTAINING
EXTERNAL AGENT FOR SKIN
(51) Int. Cl.
A61K 31/4545 (2006.01)
A61K 9/06 (2006.01)
A61K 47/06 (2006.01)
A61K 47/34 (2017.01)
A61P 17/00 (2006.01)
A61P 31/12 (2006.01)
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(43) 09.11.2023
(72) YAMAGUCHI Tetsuo; SAITO Hanae;
AKIYAMA Yuka; AKASHI Taiki; KUR-
IMOTO Shota
(74) PHILLIPS ORMONDE FITZPATRICK

(71) KISBEE THERAPEUTICS, INC.
(11) AU-A-2023269666
(21) 2023269666 (22) 12.05.2023
(54) APOE LIPOPROTEIN SYSTEMS
(51) Int. Cl.
C07K 14/775 (2006.01)
A61K 38/16 (2006.01)
(87) WO2023/220387
(31) 63/341,537 (32) 13.05.22 (33) US
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(72) RICQ, Emily, Louise; GERRY, Chris-
topher, James
(74) Griffith Hack

(71) KITE PHARMA, INC.
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(21) 2023276567 (22) 25.05.2023
(54) COMPOSITIONS AND METHODS
FOR PREPARING ENGINEERED
LYMPHOCYTES FOR CELL THERAPY
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/346,709 (32) 27.05.22 (33) US
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(43) 30.11.2023
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Thanh; TSAI, Hsing-Chuan; WARREN,
Carmen; GERAGOSIAN, Melody
(74) FPA Patent Attorneys Pty Ltd

(71) KLEEN HY-DRO-GEN INC.
(11) AU-A-2023264113
(21) 2023264113 (22) 03.05.2023
(54) PROCESS AND APPARATUS FOR
COMBUSTING HYDROGEN AND RE-
CYCLING COMBUSTION PRODUCTS
(51) Int. Cl.
F24H 3/00 (2022.01)
F24C 9/00 (2006.01)
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(72) FAIRFULL, Thomas; SOLIMAN, Sam
(74) Griffith Hack

(71) KOBOLD METALS COMPANY
(11) AU-A-2023430178
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(51) Int. Cl.
G01V 3/10 (2006.01)
G01R 33/035 (2006.01)
H01F 6/00 (2006.01)
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(72) HUNT, Thomas; TOPINKA, Mark
(74) Pizeys Patent and Trade Mark Attor-
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(21) 2023256297 (22) 04.04.2023
(54) METHODS AND SYSTEMS FOR CRE-
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(51) Int. Cl.
G16B 30/10 (2019.01)
G16B 50/00 (2019.01)
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(72) CHEUNG, Yee Him
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(54) THERAPEUTIC AGENTS AND COM-
POSITIONS AND RELATED METH-
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(51) Int. Cl.
C07K 16/12 (2006.01)
A61K 38/16 (2006.01)
A61K 38/40 (2006.01)
A61P 31/04 (2006.01)
C07K 16/04 (2006.01)
(31) 2023901412 (32) 10.05.23 (33) AU
(43) 28.11.2024
(72) PERNTHANER, Anton; HURST, Suz-
anne
(74) Catalyst Intellectual Property

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(11) AU-A-2023259404
(21) 2023259404 (22) 28.04.2023
(54) INSULIN AND GLUCOKINASE GENE
THERAPY COMPOSITIONS AND ITS
USE FOR TREATING DIABETES
(51) Int. Cl.
C12N 15/11 (2006.01)
A61K 38/28 (2006.01)
A61K 38/43 (2006.01)
A61P 3/10 (2006.01)
(87) WO2023/212683
(31) 63/336,635 (32) 29.04.22 (33) US
(43) 02.11.2023
(72) STONE, Michele; RHODES, Melissa;
SMITH, Chari; HARRINGTON, Wallace
(74) Davies Collison Cave Pty Ltd

(71) KSB SE & CO. KGAA
(11) AU-A-2023275880
(21) 2023275880 (22) 17.05.2023
(54) STIRRER ARRANGEMENT
(51) Int. Cl.
B01F 27/25 (2022.01)
B01F 27/07 (2022.01)
(87) WO2023/227451
(31) 10 2022 113 278.1 (32) 25.05.22 (33) DE
(43) 30.11.2023
(72) GEINITZ, Jürgen; HAHN, Ralf;
MICHELMANN, Andreas; MOHR, Mat-
thias
(74) PHILLIPS ORMONDE FITZPATRICK

(71) KUDA THERAPEUTICS, INC.
(11) AU-A-2022461667
(21) 2022461667 (22) 01.06.2022
(54) IMIDAZOPYRIDINE AND OXAZO-
LOPYRIDINE DERIVATIVES AND
ANALOGS THEREOF, METHODS OF
PREPARATION THEREOF, METHODS
OF HIF-1/2A PATHWAY INHIBITION,
AND INDUCTION OF FERROPTOSIS
(51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61K 31/41 (2006.01)
A61K 31/4245 (2006.01)
A61K 31/425 (2006.01)
A61K 31/428 (2006.01)
C07D 417/00 (2006.01)

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(72) LIU, Xiaohui; KOH, Mei Yee
(74) Davies Collison Cave Pty Ltd

(71) KUHN SAS
(11) AU-A-2023272243
(21) 2023272243 **(22)** 15.05.2023
(54) METHOD AND FACILITY FOR WORK-
 ING A PLOT OF LAND WITH AT
 LEAST TWO AGRICULTURAL RO-
 BOTS
(51) Int. Cl.
G05D 1/00 (2006.01)
A01B 69/04 (2006.01)
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(31) FR2204629 **(32)** 16.05.22 **(33)** FR
(43) 23.11.2023
(72) HOELLINGER, Marie; POTIER, Phil-
 ippe
(74) Spruson & Ferguson

(71) LABORIE MEDICAL TECHNOLOGIES
 CORP.
(11) AU-A-2023272484
(21) 2023272484 **(22)** 17.05.2023
(54) REUSABLE AIR CHARGER AND AS-
 SOCIATED MULTI-LUMEN DISPOS-
 ABLE CATHETER, AND RELATED
 METHODS
(51) Int. Cl.
A61B 5/03 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
(87) WO2023/225539
(31) 63/365,019 **(32)** 19.05.22 **(33)** US
(43) 23.11.2023
(72) MEEK, Albert; BERNIER, Ryan;
 PETERS, Julian; TREMBLAY, André;
 TURLAND, Calvin; DAKKAK, Jessica;
 GUAY, Louis-Simon; THIBAUT, Benoit
(74) Spruson & Ferguson

(71) LEONARDO S.P.A.
(11) AU-A-2023265166
(21) 2023265166 **(22)** 04.05.2023
(54) METHOD FOR IDENTIFYING MAL-
 FUNCTION CONDITIONS OF
 SENSORS THAT MEASURE THE
 AMOUNT OF FUEL IN THE TANKS OF
 AN AIRCRAFT
(51) Int. Cl.
G01F 25/20 (2022.01)
B64D 37/00 (2006.01)
(87) WO2023/214348
(31) 10202200009131 **(32)** 04.05.22 **(33)** IT
(43) 09.11.2023
(72) MASSIMO, Germano
(74) Davies Collison Cave Pty Ltd

(71) LEVELQUANTUM S.R.L.
(11) AU-A-2023268033
(21) 2023268033 **(22)** 09.05.2023
(54) METHOD FOR REMOTE GENERA-
 TION OF TWO ARBITRARY-LENGTH
 IDENTICAL RANDOM CRYPTO-

GRAPHIC KEYS WITH THE DEVICE-
 INDEPENDENT SECURITY US-
 ING ENTANGLED MULTIPHOTON
 SOURCES OF QUANTUM LIGHT
(51) Int. Cl.
H04L 9/08 (2006.01)
H04B 10/70 (2013.01)
(87) WO2023/218341
(31) 10202200009479 **(32)** 09.05.22 **(33)** IT
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(72) STOBINSKA, Magdalena; BUR-
 ACZEWSKI, Adam Juliusz; MCDER-
 MOTT, Thomas George
(74) AJ PARK

(71) LG ENERGY SOLUTION, LTD.
(11) AU-A-2023373067
(21) 2023373067 **(22)** 18.07.2023
(54) BATTERY MANAGEMENT DEVICE
 AND METHOD, AND BATTERY SYS-
 TEM INCLUDING SAME
(51) Int. Cl.
H02J 7/00 (2006.01)
G06F 3/06 (2006.01)
G06F 8/30 (2018.01)
G06F 8/41 (2018.01)
G06F 8/65 (2018.01)
G06F 9/455 (2018.01)
G06N 20/00 (2019.01)
(87) WO2024/096254
(31) 10-2022-0146067 **(32)** 04.11.22 **(33)** KR
(43) 10.05.2024
(72) OH, Seung Take
(74) FB Rice Pty Ltd

(71) LIFETECH BALANCE PTY LTD
(11) AU-A-2023271383
(21) 2023271383 **(22)** 27.04.2023
(54) A SCREEN TIME CONSTRAINING
 DEVICE AND A METHOD FOR CON-
 STRAINING
(51) Int. Cl.
H04N 21/442 (2011.01)
G06F 21/31 (2013.01)
H04L 67/50 (2022.01)
H04M 1/72463 (2021.01)
H04N 21/258 (2011.01)
H04N 21/40 (2011.01)
H04N 21/41 (2011.01)
H04N 21/475 (2011.01)
(87) WO2023/220771
(31) 2022901330 **(32)** 18.05.22 **(33)** AU
(43) 23.11.2023
(72) KARKIS, Peter
(74) DAVIS IP PTY LTD

(71) LIGHTFORCE ORTHODONTICS, INC.
(11) AU-A-2023276705
(21) 2023276705 **(22)** 24.05.2023
(54) INDIRECT BONDING TRAY FOR OR-
 THODONTIC APPLIANCE
(51) Int. Cl.
A61C 7/14 (2006.01)
(87) WO2023/230528
(31) 63/345,568 **(32)** 25.05.22 **(33)** US
(43) 30.11.2023
(72) VANNOY, Samuel; WINCHELL, Dylan
(74) WRAYS PTY LTD

(71) LINDSAY CORPORATION
(11) AU-A-2023268517
(21) 2023268517 **(22)** 06.04.2023
(54) AUTO-REVERSE CONTROL WITH
 NETWORK
(51) Int. Cl.
A01G 25/09 (2006.01)
G05B 19/048 (2006.01)
G06Q 50/02 (2012.01)
G06Q 50/10 (2012.01)
(87) WO2023/220510
(31) 17/739,772 **(32)** 09.05.22 **(33)** US
(43) 16.11.2023
(72) MILLER, Mark William; BARKER, Luke
 Joseph
(74) PHILLIPS ORMONDE FITZPATRICK

(71) LITTLE GIANT LADDER SYSTEMS,
 LLC
(11) AU-A-2023276586
(21) 2023276586 **(22)** 27.05.2023
(54) MULTIFUNCTION BUTTON FOR LAD-
 DER ADJUSTMENT
(51) Int. Cl.
E06C 1/18 (2006.01)
E06C 7/14 (2006.01)
(87) WO2023/230368
(31) 63/346,420 **(32)** 27.05.22 **(33)** US
(43) 30.11.2023
(72) MAXFIELD, B. Scott; MOSS, N. Ryan;
 MINER, Steven S.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) LIVA POWER MANAGEMENT SYS-
 TEMS GMBH
(11) AU-A-2023280506
(21) 2023280506 **(22)** 20.04.2023
(54) METHOD FOR REMOVING V2O5 DE-
 POSITS IN A REDOX FLOW BATTERY
 MODULE
(51) Int. Cl.
H01M 8/18 (2006.01)
(87) WO2023/232342
(31) 10 2022 113 934.4 **(32)** 02.06.22 **(33)** DE
(43) 07.12.2023
(72) LI, Yifeng; LÜTH, Thomas
(74) Michael Buck IP

(71) LIVA POWER MANAGEMENT SYS-
 TEMS GMBH
(11) AU-A-2023281091
(21) 2023281091 **(22)** 20.04.2023
(54) METHOD FOR RESTORING PER-
 FORMANCE
(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 10/42 (2006.01)
H01M 10/44 (2006.01)
(87) WO2023/232343
(31) 10 2022 113 939.5 **(32)** 02.06.22 **(33)** DE
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 David
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 (21) 2023287729 (22) 20.06.2023
 (54) COMPOSITIONS AND METHODS FOR CONTROLLING FOAM
 (51) Int. Cl.
C02F 3/34 (2023.01)
C12N 1/16 (2006.01)
 C02F 103/10 (2006.01)
 (87) WO2023/250308
 (31) 63/354,318 (32) 22.06.22 (33) US
 (43) 28.12.2023
 (72) KNESEL, Gabriela
 (74) Allens Patent & Trade Mark Attorneys

(71) LOCUS SOLUTIONS IPCO, LLC
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 (21) 2023298447 (22) 22.06.2023
 (54) GRINDING AID COMPOSITIONS AND METHODS OF USE
 (51) Int. Cl.
B02C 23/06 (2006.01)
B02C 23/08 (2006.01)
 (87) WO2024/006659
 (31) 63/356,553 (32) 29.06.22 (33) US
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 (72) KNESEL, Gabriela
 (74) Allens Patent & Trade Mark Attorneys

(71) LOGICBIO THERAPEUTICS, INC.; AS-TRAZENECA AB
 (11) AU-A-2023275457
 (21) 2023275457 (22) 23.05.2023
 (54) GENE THERAPY COMPOSITIONS AND METHODS OF USE THEREOF
 (51) Int. Cl.
A61K 48/00 (2006.01)
C12N 9/00 (2006.01)
C12N 15/85 (2006.01)
 (87) WO2023/230098
 (31) 63/345,003 (32) 23.05.22 (33) US
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 (72) WANG, Chih-Chieh; WANG, Shaobin; FOSTER, Donald, James; BAK, Annette; ZHOU, Liping; CHENG, Bei
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2023270993 (22) 07.04.2023
 (54) INK AND COLOR PHOTOVOLTAIC ASSEMBLY
 (51) Int. Cl.
C09D 11/03 (2014.01)
C09C 1/62 (2006.01)
C09D 11/101 (2014.01)
C09D 11/38 (2014.01)
C09D 11/50 (2014.01)
H01L 31/02 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/048 (2014.01)
H01L 31/054 (2014.01)
H01L 31/055 (2014.01)
 (87) WO2023/221679
 (31) 202210529641.0 (32) 16.05.22 (33) CN
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 (72) WANG, Shencun; ZHANG, Song; SHAN, Kangkang
 (74) WRAYS PTY LTD

(71) LUNAR OUTPOST INC.
 (11) AU-A-2023264102
 (21) 2023264102 (22) 08.05.2023
 (54) MODULAR ENVIRONMENTAL MONITORING DEVICE
 (51) Int. Cl.
H04W 40/00 (2009.01)
G08C 17/00 (2006.01)
H04L 69/24 (2022.01)
G01N 33/00 (2006.01)
H04L 67/12 (2022.01)
 (87) WO2023/215912
 (31) 63/364,310 (32) 06.05.22 (33) US
 (43) 09.11.2023
 (72) CYRUS, Julian; CYRUS, Justin; STEN-ERSON, Jeffrey
 (74) WRAYS PTY LTD

(71) LYFT, INC.
 (11) AU-A-2023269072
 (21) 2023269072 (22) 11.05.2023
 (54) VEHICLE DOCKING STRUCTURE WITH A PASSIVE LATCHING SYSTEM
 (51) Int. Cl.
B62H 5/00 (2006.01)
B62H 3/02 (2006.01)
E05B 47/00 (2006.01)
 (87) WO2023/220293
 (31) 63/342,040 (32) 13.05.22 (33) US
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 (72) ASKIN, Erik, Keith; BOYD, Jeffrey, Alan; DIXON, Alexander, Timothy; EWASCHUK, Robert, Andrew; FIGURSKI, Emily, Christina; KIM, Tristin; MCDAID, Scott; MUELLER, Oliver, Maximilian; SALDANHA, Neil, Richard Anthony; SANTOS, Andrea, Claude Ramos; SUBRAMANIAM, Ulhas; TAYLOR, Joseph, Daniel
 (74) Davies Collison Cave Pty Ltd

(71) MAGNA IMPERIO SYSTEMS CORP.
 (11) AU-A-2023255595
 (21) 2023255595 (22) 15.03.2023
 (54) REMOVAL OF HARDNESS USING TEMPLATE ASSISTED CRYSTALLIZATION FOR ELECTRODIALYSIS DESALINATION OF SALINE WATER
 (51) Int. Cl.
B01D 61/44 (2006.01)
B01D 61/04 (2006.01)
B01D 61/46 (2006.01)
C02F 1/469 (2023.01)
C02F 1/44 (2023.01)
 (87) WO2023/205558
 (31) 63/333,251 (32) 21.04.22 (33) US
 (43) 26.10.2023
 (72) DEMETER, Ethan L.; WONG, Mavis C. Y.
 (74) AJ PARK

(71) MANICARDI S.R.L.
 (11) AU-A-2023277684
 (21) 2023277684 (22) 12.05.2023
 (54) DEVICE FOR THE PACKAGING OF PRODUCTS, PARTICULARLY OF THE FOOD TYPE
 (51) Int. Cl.
B65D 81/20 (2006.01)
B65B 1/18 (2006.01)
B65B 25/02 (2006.01)
B65B 31/04 (2006.01)
B65D 79/02 (2006.01)
B65D 90/48 (2006.01)
 (87) WO2023/227392
 (31) 102022000010997 (32) 26.05.22 (33) IT
 (43) 30.11.2023
 (72) BARBOLINI, Alessandro
 (74) Spruson & Ferguson

(71) MAWASHI SCIENCE & TECHNOLOGIE INC.
 (11) AU-A-2023279389
 (21) 2023279389 (22) 30.05.2023
 (54) UPPER BODY CHASSIS
 (51) Int. Cl.
A61F 5/02 (2006.01)
B25J 9/00 (2006.01)
B25J 11/00 (2006.01)
 (87) WO2023/230716
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 (54) TREATING CANCER
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/7088 (2006.01)
A61P 35/00 (2006.01)
C07H 2/100 (2006.01)
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A61B 5/00 (2006.01)

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A61B 5/1455 (2006.01)
G06K 19/077 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(51) Int. Cl.
C25B 9/19 (2021.01)
C25B 1/02 (2006.01)
C25B 9/23 (2021.01)
C25B 13/02 (2006.01)
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(51) Int. Cl.
E21B 10/26 (2006.01)
E21B 7/20 (2006.01)
E21B 10/32 (2006.01)
E21B 10/66 (2006.01)
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E21D 21/00 (2006.01)
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A61P 31/00 (2006.01)
A61K 35/19 (2015.01)
A61K 45/06 (2006.01)
A61P 7/00 (2006.01)
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A01K 27/00 (2006.01)
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A61K 48/00 (2006.01)
A61P 9/00 (2006.01)
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C01B 3/02 (2006.01)
B01D 53/047 (2006.01)
B01D 53/22 (2006.01)
C07C 29/151 (2006.01)
C10B 53/02 (2006.01)
C10G 1/00 (2006.01)
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C07D 471/04 (2006.01)
A61P 29/00 (2006.01)
A61P 35/02 (2006.01)
A61P 37/02 (2006.01)
A61P 37/08 (2006.01)
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(51) Int. Cl.
F42D 1/18 (2006.01)
B65B 29/10 (2006.01)
B65D 81/32 (2006.01)
E21B 33/127 (2006.01)
E21B 33/134 (2006.01)
F42D 1/24 (2006.01)
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G06F 11/34 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/0639 (2023.01)
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G06V 20/52 (2022.01)
G06F 21/62 (2013.01)
G06Q 10/0635 (2023.01)
G06V 40/10 (2022.01)
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H04N 5/272 (2006.01)
H04N 7/18 (2006.01)
H04N 21/431 (2011.01)
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(74) Baxter Patent Attorneys Pty Ltd

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C02F 1/28 (2023.01)
B01D 39/02 (2006.01)
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A01D 43/14 (2006.01)
A01C 7/06 (2006.01)
A01C 7/16 (2006.01)
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C07D 285/10 (2006.01)
A61K 31/433 (2006.01)
A61K 31/506 (2006.01)
A61K 31/517 (2006.01)
C07D 239/28 (2006.01)
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(74) Australian Patent & TradeMark Services Pty Ltd

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A61F 9/007 (2006.01)
A61F 9/008 (2006.01)
A61K 31/015 (2006.01)
A61K 31/13 (2006.01)
A61K 31/03 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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C08J 11/14 (2006.01)
C08J 11/26 (2006.01)
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(54) CONTINUOUS LOOP SUTURE ASSEMBLY AND RELATED SURGICAL TECHNIQUES
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A61B 17/06 (2006.01)
A61B 17/04 (2006.01)
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A61B 17/04 (2006.01)
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(21) 2023286345 **(22)** 26.04.2023
(54) COMPUTING TECHNOLOGIES FOR ENABLING BLOCKCHAIN-BASED DIGITAL TOKENS WITH ASSET-SPECIFIC ATTRIBUTES
(51) Int. Cl.
H04L 9/32 (2006.01)
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(51) Int. Cl.
C12Q 1/6806 (2018.01)
C12Q 1/6886 (2018.01)
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A61K 47/54 (2017.01)

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(51) Int. Cl.
C07J 73/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61P 39/00 (2006.01)
C07C 271/22 (2006.01)
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 Charles; WALLIS, Laura Louise; PARK-
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 Heather; BANDMANN, Oliver; HAST-
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 Danielle; LUXENBURGER, Andreas;
 HARRIS, Lawrence Daniel
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(11) AU-A-2023271325
(21) 2023271325 **(22)** 15.05.2023
(54) METHOD FOR TESTING A WIRING
 OF AN ELECTRICAL INSTALLATION
(51) Int. Cl.
G01R 31/55 (2020.01)
G01R 31/67 (2020.01)
G01R 31/50 (2020.01)
G01R 31/58 (2020.01)
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 ERGIES ALTERNATIVES
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(54) METHOD FOR IRRIGATING A POR-
 OUS SUBSTRATE USING A FOAM,
 AND THE USES THEREOF
(51) Int. Cl.
C22B 3/00 (2006.01)
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(21) 2023254449 **(22)** 14.04.2023
(54) METHOD FOR MANUFACTURING CE-
 MENT CLINKER USING STAINLESS
 STEEL SLAG
(51) Int. Cl.
C04B 5/00 (2006.01)
C04B 7/147 (2006.01)
C04B 111/10 (2006.01)
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 CHEMICAL CONSTRUCTION CO.,
 LTD.; SUMITOMO OSAKA CEMENT
 CO., LTD.
(11) AU-A-2023268239
(21) 2023268239 **(22)** 01.05.2023
(54) GEOPOLYMER COMPOSITION,
 GEOPOLYMER CURED BODY, AND
 METHOD FOR PRODUCING GEO-
 POLYMER CURED BODY
(51) Int. Cl.
C04B 28/26 (2006.01)
C04B 18/08 (2006.01)
C04B 18/14 (2006.01)
C04B 22/08 (2006.01)
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(21) 2023275766 **(22)** 24.05.2023
(54) SYSTEMS AND METHODS FOR UV
 TREATMENT OF A VISCOUS FLUID
(51) Int. Cl.
A23L 3/28 (2006.01)
A23L 5/30 (2016.01)
A23L 27/30 (2016.01)
A23L 2/50 (2006.01)
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 POKHREL, Prashant
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(21) 2023279095 **(22)** 01.06.2023
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 AND METHODS OF USING THE
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G06Q 20/18 (2012.01)
B60P 3/025 (2006.01)
G06F 7/00 (2006.01)
G07F 9/10 (2006.01)
G07F 11/00 (2006.01)
B60P 3/20 (2006.01)
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(54) METHODS OF INCREASING PLANT
 PRODUCTIVITY AND TOLERANCE
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 ENCY
(51) Int. Cl.
A01H 5/00 (2018.01)
A01H 1/00 (2006.01)
A01N 63/60 (2020.01)
A01P 21/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/55 (2006.01)
C12N 15/82 (2006.01)
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(74) RnB IP Pty Ltd
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(54) INVENTORY SYSTEM FOR MINES
(51) Int. Cl.
H04W 4/029 (2018.01)
E21F 17/00 (2006.01)
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(54) SYSTEMS AND METHODS FOR RE-
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(51) Int. Cl.
C22B 4/04 (2006.01)
C22B 3/42 (2006.01)
C22B 3/44 (2006.01)
C22B 4/08 (2006.01)
C22B 7/00 (2006.01)
C22B 9/00 (2006.01)
C22B 9/04 (2006.01)
C22B 59/00 (2006.01)
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 (21) 2023272307 (22) 19.05.2023
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 (51) Int. Cl.
A61K 31/665 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2023/222866
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 (54) TECHNIQUES FOR INDEXING CUSTOM-MADE COATINGS WITHIN A DATABASE
 (51) Int. Cl.
G06F 16/22 (2019.01)
G01J 3/46 (2006.01)
G06T 11/00 (2006.01)
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 (54) INSULATIVE SILICONE COATING COMPOSITION
 (51) Int. Cl.
C09D 183/06 (2006.01)
C08G 77/38 (2006.01)
C09D 7/40 (2018.01)
C09D 7/61 (2018.01)
C09D 183/04 (2006.01)
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 (54) TREATMENT OF NEUROLOGICAL DISORDERS
 (51) Int. Cl.
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 (11) AU-A-2023282844
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 (54) SYSTEMS AND METHODS FOR ASSESSING DISEASE BURDEN AND PROGRESSION
 (51) Int. Cl.
G06T 7/11 (2017.01)
G06T 7/30 (2017.01)
 (87) WO2023/239829
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) MODULAR DISTRIBUTED CRYOGENIC SYSTEM
 (51) Int. Cl.
G06F 1/20 (2006.01)
G06N 10/00 (2022.01)
H05K 7/20 (2006.01)
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 (31) 63/364,567 (32) 12.05.22 (33) US
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G02F 3/00 (2006.01)
G06N 10/40 (2022.01)
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H10N 60/82 (2023.01)
H01L 23/52 (2006.01)
H01L 27/00 (2006.01)
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 (54) ADDED AGENT PUTTING DEVICE AND CLOTHES TREATMENT APPARATUS
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D06F 39/02 (2006.01)
D06F 33/52 (2020.01)
D06F 33/65 (2020.01)
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 (54) METHOD FOR THE PRODUCTION OF BIOMASS
 (51) Int. Cl.
A01G 17/00 (2006.01)
A01G 23/00 (2006.01)
 (87) WO2023/213474
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 (51) Int. Cl.
G06F 1/26 (2006.01)
G06F 1/3203 (2019.01)
G06F 13/38 (2006.01)
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 (72) LIM, Hong Chiang
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C01G 53/00 (2006.01)
H01M 4/02 (2006.01)
H01M 4/505 (2010.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
C04B 35/04 (2006.01)
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C04B 35/043 (2006.01)
C04B 35/101 (2006.01)
C04B 35/103 (2006.01)
C04B 35/443 (2006.01)
C04B 35/622 (2006.01)
C04B 35/634 (2006.01)
C04B 35/66 (2006.01)
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C12N 15/86 (2006.01)
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G01N 33/53 (2006.01)
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 (54) MULTISPECIFIC BINDING MOLECULE PROTEINS AND USES THEREOF
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C07K 16/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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 (51) Int. Cl.
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 (54) POLYOL TREATMENT OF HYDROXYGENATION FEEDSTOCK
 (51) Int. Cl.
C11C 3/04 (2006.01)
A23L 5/20 (2016.01)
C11C 3/06 (2006.01)
C10G 3/00 (2006.01)
C11B 3/02 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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A61K 38/10 (2006.01)
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A61P 37/08 (2006.01)
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 (54) SMART MATTRESS TOPPER SYSTEM AND ASSOCIATED METHOD
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A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
G16H 50/30 (2018.01)
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 (72) FERNANDEZ, Javier; VALDEMOROS, Oscar
 (74) A.P.T. Patent and Trade Mark Attorneys
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 (54) BALLISTIC ARMOUR
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F41H 5/04 (2006.01)
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 (72) RAVID, Moshe
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- (71) ROHM AND HAAS COMPANY; DOW GLOBAL TECHNOLOGIES LLC
 (11) AU-A-2022459147
 (21) 2022459147 (22) 20.05.2022
 (54) METHOD FOR APPLYING A COATING COMPOSITION TO A SUBSTRATE
 (51) Int. Cl.
C04B 14/06 (2006.01)
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C04B 14/22 (2006.01)
C04B 16/04 (2006.01)
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A61K 47/22 (2006.01)
A61K 9/51 (2006.01)
A61K 31/437 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)
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 (54) A LIFTING DEVICE
 (51) Int. Cl.
B02C 23/00 (2006.01)
B02C 1/04 (2006.01)
B66D 3/04 (2006.01)
B66D 3/18 (2006.01)
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- (71) SANDVIK LTD
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 (21) 2023288666 (22) 21.06.2023
 (54) A JAW CRUSHER SERVICE TOOL
 (51) Int. Cl.
B02C 23/00 (2006.01)
B02C 1/04 (2006.01)
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 (21) 2023289491 (22) 19.06.2023
 (54) JAW CRUSHER
 (51) Int. Cl.
B02C 1/02 (2006.01)
B02C 1/00 (2006.01)
B02C 25/00 (2006.01)
 (87) WO2023/247410
 (31) 22180035.2 (32) 21.06.22 (33) EP
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G01V 1/40 (2006.01)
E21B 47/001 (2012.01)
E21B 47/002 (2012.01)
E21B 47/14 (2006.01)
 (87) WO2023/220226
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 (54) METHODS OF CULTURING ASPARAGOPSIS
 (51) Int. Cl.
A01G 33/00 (2006.01)
A01H 4/00 (2006.01)
A01H 13/00 (2006.01)
A23K 10/16 (2016.01)
A23K 50/10 (2016.01)
C12M 1/26 (2006.01)
C12M 1/34 (2006.01)
C12M 1/42 (2006.01)
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 (54) MARKERLESS ANATOMICAL OBJECT TRACKING DURING AN IMAGE-GUIDED MEDICAL PROCEDURE
 (51) Int. Cl.
A61B 34/20 (2016.01)
A61N 5/10 (2006.01)
G06N 3/08 (2023.01)
G16H 20/40 (2018.01)
G16H 30/20 (2018.01)
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 (51) Int. Cl.
C07K 5/072 (2006.01)
A61K 38/05 (2006.01)
A61P 27/02 (2006.01)
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 (54) ELECTRICAL METER WITH DUAL ANALOG-TO-DIGITAL CONVERTERS
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G05B 23/02 (2006.01)
G06Q 50/06 (2012.01)
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 (74) AJ PARK
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- (71) SHANGHAI HYMASTER TECHNOLOGY, CO., LTD.
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 (21) 2023277401 (22) 20.04.2023
 (54) MODULAR HYDROGEN LIQUEFACTION SYSTEM
 (51) Int. Cl.
F25J 1/02 (2006.01)
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 (21) 2023286765 (22) 19.06.2023
 (54) A UNIT DESIGN AND PROCESS FOR DIRECT CAPTURE OF CARBON DIOXIDE FROM AIR
 (51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/14 (2006.01)
 (87) WO2023/247413
 (31) 22180014.7 (32) 21.06.22 (33) EP
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 (74) Spruson & Ferguson
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 (51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/14 (2006.01)
 (87) WO2023/247414
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 (54) FAN, CONTROL CIRCUIT OF NECK FAN, AND ELECTRIC MOTOR DRIVE CIRCUIT OF PORTABLE FAN
 (51) Int. Cl.
F04D 25/08 (2006.01)
F04D 25/16 (2006.01)
F04D 27/00 (2006.01)
F04D 29/42 (2006.01)
F04D 29/44 (2006.01)
F04D 29/62 (2006.01)
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H02H 9/04 (2006.01)
H02J 7/00 (2006.01)
H02P 6/182 (2016.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) SHENZHEN RAYCOME HEALTH TECHNOLOGY CO., LTD.
 (11) AU-A-2022453526
 (21) 2022453526 (22) 13.04.2022
 (54) METHOD AND DEVICE FOR NON-INVASIVE DETECTION OF CENTRAL ARTERIAL PRESSURE AND OTHER INTRALUMINAL LARGE ARTERIAL PRESSURE
 (51) Int. Cl.
A61B 5/021 (2006.01)
 (87) WO2023/197214
 (43) 19.10.2023
 (72) WU, Xiaoguang; WU, Zihuan
 (74) Madderns Pty Ltd
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 (21) 2023277123 (22) 24.05.2023
 (54) SURFACE-ENGINEERED EXTRACELLULAR VESICLES AND THERAPEUTIC USES THEREOF
 (51) Int. Cl.
C07K 14/00 (2006.01)
A61K 47/42 (2017.01)
A61K 47/46 (2006.01)
A61K 47/62 (2017.01)
C12N 5/071 (2010.01)
C12N 15/85 (2006.01)
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 (51) Int. Cl.
C07D 491/20 (2006.01)
A61K 31/4427 (2006.01)
A61P 3/04 (2006.01)
A61P 43/00 (2006.01)
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 (43) 21.12.2023
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 (74) Davies Collison Cave Pty Ltd
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C07D 401/04 (2006.01)
A61K 31/439 (2006.01)
A61K 31/4427 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 207/14 (2006.01)
C07D 211/58 (2006.01)
C07D 401/14 (2006.01)
C07D 403/10 (2006.01)
C07D 405/14 (2006.01)
C07D 409/06 (2006.01)
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C07D 413/04 (2006.01)
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C07D 471/08 (2006.01)
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B01D 25/12 (2006.01)
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C25B 15/08 (2006.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
C25B 9/60 (2021.01)
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B02C 25/00 (2006.01)
B03B 5/34 (2006.01)
B03B 7/00 (2006.01)
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B03B 13/00 (2006.01)
B03C 1/02 (2006.01)
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 G06T 7/00 (2017.01)
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 B66D 1/04 (2006.01)
 A01K 89/015 (2006.01)
 B66D 1/06 (2006.01)
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 A61B 34/10 (2016.01)
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 A61B 5/00 (2006.01)
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 C08F 220/56 (2006.01)
 C08F 228/02 (2006.01)
 C08L 33/08 (2006.01)
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 B62D 55/24 (2006.01)
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C07C 229/26 (2006.01)
C05D 9/02 (2006.01)
C05F 11/00 (2006.01)
C05G 1/00 (2006.01)
C05G 5/23 (2020.01)
C07F 5/02 (2006.01)
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B01F 33/84 (2022.01)
C09B 67/46 (2006.01)
C09D 7/20 (2018.01)
C09D 7/80 (2018.01)
C09K 23/00 (2022.01)
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A01N 43/80 (2006.01)
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
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A01P 7/02 (2006.01)
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A01N 43/50 (2006.01)
C07D 405/14 (2006.01)
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A61P 35/00 (2006.01)
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G02B 5/18 (2006.01)
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C01B 3/38 (2006.01)
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A61P 25/28 (2006.01)
C12N 15/864 (2006.01)
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C08L 5/08 (2006.01)
A61K 8/04 (2006.01)
A61K 8/73 (2006.01)
A61Q 19/08 (2006.01)
C08B 37/08 (2006.01)
C08J 3/075 (2006.01)
C08J 3/24 (2006.01)
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C07K 16/28 (2006.01)

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C07K 14/705 (2006.01)
G01N 33/68 (2006.01)
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A61H 19/00 (2006.01)
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C12N 15/11 (2006.01)
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 (51) Int. Cl.
A61K 31/513 (2006.01)
A61P 1/00 (2006.01)
C12Q 1/42 (2006.01)
A61K 45/00 (2006.01)
A61P 29/00 (2006.01)
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A61K 31/426 (2006.01)
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A61K 31/425 (2006.01)
A61K 31/33 (2006.01)
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A61K 39/00 (2006.01)
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A61K 39/21 (2006.01)
A61P 31/14 (2006.01)
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C07K 14/005 (2006.01)
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C12N 5/00 (2006.01)
C03C 23/00 (2006.01)
C12M 3/00 (2006.01)
H01J 37/32 (2006.01)
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A61K 9/51 (2006.01)
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A61K 47/50 (2017.01)
A61K 47/69 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C12Q 1/34 (2006.01)
C07D 493/10 (2006.01)
C07F 7/10 (2006.01)
C09B 11/28 (2006.01)
C09B 57/00 (2006.01)
C09K 11/06 (2006.01)
C12Q 1/37 (2006.01)
G01N 21/64 (2006.01)
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A61L 27/54 (2006.01)
A61K 9/127 (2006.01)
A61K 35/32 (2015.01)
A61P 19/00 (2006.01)
A61F 2/28 (2006.01)
A61K 35/15 (2015.01)
A61K 35/18 (2015.01)
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G06K 7/10 (2006.01)
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C12N 5/071 (2010.01)
A61K 35/39 (2015.01)
A61K 35/407 (2015.01)
A61P 1/16 (2006.01)
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C08J 5/04 (2006.01)
B29C 70/12 (2006.01)
B29C 70/48 (2006.01)
B29C 70/54 (2006.01)
B29K 307/04 (2006.01)
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B29C 39/10 (2006.01)
B29C 39/24 (2006.01)
B29C 39/44 (2006.01)
B29C 70/06 (2006.01)
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A61N 1/36 (2006.01)
A61M 5/00 (2006.01)
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F25D 19/00 (2006.01)
H04L 67/125 (2022.01)
F25D 29/00 (2006.01)
G05B 19/418 (2006.01)
H04L 12/28 (2006.01)
H04W 84/12 (2009.01)
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F04C 7/00 (2006.01)
F04C 11/00 (2006.01)
F04C 14/04 (2006.01)
F04C 15/06 (2006.01)
F04D 5/00 (2006.01)
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B65G 39/16 (2006.01)
B65G 15/40 (2006.01)
B65G 15/60 (2006.01)
B65G 21/20 (2006.01)
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C12N 5/0783 (2010.01)
A61K 39/00 (2006.01)
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F16L 57/00 (2006.01)
B65D 59/00 (2006.01)
E21B 1/00 (2006.01)
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A61K 38/17 (2006.01)
A61K 47/55 (2017.01)
A61K 47/64 (2017.01)
A61K 47/65 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 14/435 (2006.01)
C12Q 1/6886 (2018.01)
G01N 33/574 (2006.01)
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A61K 38/17 (2006.01)
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A61K 47/64 (2017.01)
A61K 47/65 (2017.01)
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A61P 35/00 (2006.01)
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A63H 19/18 (2006.01)
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G16B 40/10 (2019.01)
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A61K 31/5415 (2006.01)
A61P 23/00 (2006.01)
A61P 25/02 (2006.01)
A61P 25/04 (2006.01)
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A61K 31/13 (2006.01)
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A61B 5/08 (2006.01)
A61B 5/00 (2006.01)
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H01M 8/18 (2006.01)
H01M 8/04276 (2016.01)
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A01N 25/04 (2006.01)
A01N 43/16 (2006.01)
A01N 59/02 (2006.01)
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A01P 3/00 (2006.01)
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G06F 21/55 (2013.01)
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G01N 33/48 (2006.01)
C12Q 1/6809 (2018.01)
G01N 33/487 (2006.01)
G16B 25/10 (2019.01)
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G06T 7/00 (2017.01)
G16H 30/40 (2018.01)
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G06Q 10/04 (2023.01)
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G06Q 10/063 (2023.01)
G06Q 10/0631 (2023.01)
G06Q 10/0633 (2023.01)
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G06Q 10/0637 (2023.01)
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G06Q 50/04 (2012.01)
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 (54) PROTECTIVE HAND COVERING
 (51) Int. Cl.
A41D 13/08 (2006.01)
A41D 19/00 (2006.01)
A41D 19/015 (2006.01)
A63B 71/14 (2006.01)
D05B 91/04 (2006.01)
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G09B 23/28 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 25/00 (2006.01)
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(72) FISHER, Patrick
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(11) AU-A-2023268678
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G07F 11/24 (2006.01)
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- (71) WAKUNAGA PHARMACEUTICAL CO., LTD.
(11) AU-A-2023254626
(21) 2023254626 (22) 13.04.2023
(54) eNAMPT INCREASING AGENT, SIR-TUIN ACTIVATION OR EXPRESSION ENHANCER, NAD+ INCREASING AGENT, AND SENESCENT CELL INHIBITOR
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A61K 31/198 (2006.01)
A23L 19/00 (2016.01)
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(11) AU-A-2023255289
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(54) WIRELINE INTERVENTION TOOL STRING
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E21B 4/10 (2006.01)
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B65F 1/14 (2006.01)
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H05B 3/00 (2006.01)
C01B 21/064 (2006.01)
C01B 32/15 (2017.01)
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A61K 31/5685 (2006.01)
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- (51) POLYCYSTIC KIDNEY DISEASE AND POLYCYSTIC LIVER DISEASE
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G06Q 10/00 (2023.01)
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- (71) ZENAS BIOPHARMA, INC.
 (11) AU-A-2023281062
 (21) 2023281062 (22) 02.06.2023
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A61K 39/395 (2006.01)
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 (72) POMA, Allen; QUINN, Shauna; WANG, Xiaodong
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ZERO CARBON SYSTEMS, INC.
 (11) AU-A-2023276583
 (21) 2023276583 (22) 26.05.2023
 (54) HIGH THROUGHPUT MOVING PANEL DIRECT AIR CAPTURE SYSTEM
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B01D 53/04 (2006.01)
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C01B 32/50 (2017.01)
B01D 53/96 (2006.01)
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C22B 7/04 (2006.01)
B01D 36/00 (2006.01)
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 (74) Remarkable IP
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 (51) Int. Cl.
E21D 15/02 (2006.01)
B21D 26/021 (2011.01)
B21D 47/01 (2006.01)
E04C 3/04 (2006.01)
E04C 3/32 (2006.01)
E04G 11/04 (2006.01)
E21D 15/502 (2006.01)
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- (43) 07.12.2023
 (72) ZIĘTA, Oskar
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- (71) ZIMMER, INC.
 (11) AU-A-2023290075
 (21) 2023290075 (22) 07.06.2023
 (54) FEMORAL POSTERIOR REFERENCING SIZER
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A61F 2/46 (2006.01)
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 (72) HERSHBERGER, Kylie; DYKEMA, Scott; SCHULTZ, Brett
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- (71) ZTE CORPORATION
 (11) AU-A-2023430438
 (21) 2023430438 (22) 07.04.2023
 (54) SYSTEMS AND METHODS FOR HIGH ACCURACY POSITIONING
 (51) Int. Cl.
H04W 64/00 (2009.01)
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| 2023267281 | GAMBRO LUNDIA AB | 2023269792 | REGENERON PHARMACEUTICALS, INC. |
| 2023267304 | ENBIOADVICE PTY LTD | 2023269867 | AUTOMATED PET CARE PRODUCTS, LLC, d/b/a WHISKER |
| 2023267447 | TOOLGEN INCORPORATED | 2023269978 | DOLBY LABORATORIES LICENSING CORPORATION |
| 2023267535 | GI SCIENTIFIC, LLC | 2023269997 | ABIOMED, INC. |
| 2023267541 | GOOGLE LLC | 2023270000 | FOGHORN THERAPEUTICS INC. |
| 2023267572 | PSIQUANTUM CORP. | 2023270004 | BRAINDRIP, LLC |
| 2023267581 | ABIOMED, INC. | 2023270055 | FOGHORN THERAPEUTICS INC. |
| 2023267602 | SCHLUMBERGER TECHNOLOGY B.V. | 2023270121 | DPG USA INC.; GUPTA, N. |
| 2023267604 | AMYLYX PHARMACEUTICALS, INC. | 2023270155 | CATERPILLAR INC. |
| 2023267743 | CENTURYLINK INTELLECTUAL PROPERTY LLC | 2023270158 | APPLE INC. |
| 2023267835 | AUTOMATED PET CARE PRODUCTS, LLC, d/b/a WHISKER | 2023270908 | AWAK TECHNOLOGIES PTE LTD |
| 2023268000 | VIRTUALISURG | 2023270993 | LONGI SOLAR TECHNOLOGY CO., LTD. |
| 2023268027 | BECA LIMITED | 2023271089 | CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC (BEIJING) RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CO., LTD. |
| 2023268033 | LEVELQUANTUM S.R.L. | 2023271325 | OMICRON ELECTRONICS GMBH |
| 2023268040 | GB NAVAL DEVELOPMENT | 2023271333 | SKYLOTEC GMBH |
| 2023268152 | ADAMA MAKHTESHIM LTD. | 2023271383 | LIFETECH BALANCE PTY LTD |
| 2023268239 | OSAKA SANGYO UNIVERSITY; CHEMICAL CONSTRUCTION CO., LTD.; SUMITOMO OSAKA CEMENT CO., LTD. | 2023271384 | AUSTRALIAN LOCK COMPANY PTY LTD |
| 2023268250 | UNIVERSITY PUBLIC CORPORATION OSAKA; IIDA SANGYO CO., LTD. | 2023271436 | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITÉ TOULOUSE III - PAUL SABATIER; UNIVERSITE CLAUDE BERNARD LYON 1; ECOLE NORMALE SUPERIEURE DE LYON |
| 2023268258 | ASTELLAS PHARMA INC. | 2023271442 | ENABLE ACCESS (HOLDINGS) LIMITED |
| 2023268261 | THE UNIVERSITY OF TOKYO; RIKEN | 2023271679 | CORTEVA AGRISCIENCE LLC |
| 2023268398 | MITRIX BIO, INC. | 2023271712 | CATERPILLAR INC. |
| | | 2023271749 | INSULET CORPORATION |
| | | 2023271764 | AMYLYX PHARMACEUTICALS, INC. |
| | | 2023272011 | INTERNATIONAL N&H DENMARK APS |
| | | 2023272013 | NEPTUNE MEDICAL INC. |
| | | 2023272022 | INNOVATION BREWING, LLC |
| | | 2023272111 | INTRA-CELLULAR THERAPIES, INC. |
| | | 2023272152 | SICHUAN HUIYU PHARMACEUTICAL CO., LTD.; SICHUAN HUIYU SEACROSS PHARMACEUTICAL TECHNOLOGY CO., LTD. |

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| 2023272243 | KUHN SAS | 2023279130 | CHR. HANSEN A/S |
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| 2023272299 | TECHNIP ENERGIES FRANCE | 2023279389 | MAWASHI SCIENCE & TECHNOLOGIE INC. |
| 2023272307 | PHOST'IN THERAPEUTICS | 2023279694 | SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO- PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED |
| 2023272336 | UPL MAURITIUS LIMITED; UPL EUROPE LTD | 2023279844 | E-THERAPEUTICS PLC |
| 2023272347 | STRYKER EUROPEAN OPERATIONS LIMITED | 2023279876 | GUY'S AND ST THOMAS' NHS FOUNDATION TRUST; SYNNOVIS GROUP LLP |
| 2023272383 | CAREL INDUSTRIES S.P.A. | 2023280302 | DISC MEDICINE, INC. |
| 2023272430 | CONOCOPHILLIPS COMPANY | 2023280313 | GRAPHIC PACKAGING INTERNATIONAL, LLC |
| 2023272484 | LABORIE MEDICAL TECHNOLOGIES CORP. | 2023280486 | ELEMENT BIOSCIENCES, INC. |
| 2023272488 | MERSANA THERAPEUTICS, INC. | 2023280506 | LIVA POWER MANAGEMENT SYSTEMS GMBH |
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| 2023272592 | COHERE TECHNOLOGIES, INC. | 2023281062 | ZENAS BIOPHARMA, INC. |
| 2023272808 | CATERPILLAR INC. | 2023281091 | LIVA POWER MANAGEMENT SYSTEMS GMBH |
| 2023272874 | GLYCOMINE, INC. | 2023281271 | ZIETA PROZESSDESIGN SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ |
| 2023272924 | THE BRIGHAM AND WOMEN'S HOSPITAL, INC. | 2023281397 | SENELIX CO., LTD. |
| 2023273025 | THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA | 2023281711 | FLAG BIO, INC. |
| 2023273582 | CATERPILLAR INC. | 2023281712 | ALX ONCOLOGY INC. |
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| 2023274752 | CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD. | 2023283316 | STAR BP, INC. |
| 2023274962 | BAE SYSTEMS PLC | 2023283679 | SEETREAT PTY LTD |
| 2023274964 | ADVANCED INNERGY LTD | 2023284037 | BLUE PRISM LIMITED |
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| 2023275451 | HOLLAND, L.P. | 2023285286 | CASALE SA |
| 2023275452 | UOP LLC | 2023286345 | NORTHERN TRUST CORPORATION |
| 2023275457 | LOGICBIO THERAPEUTICS, INC.; ASTRAZENECA AB | 2023286513 | SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO- PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED |
| 2023275542 | ELEDON PHARMACEUTICALS, INC. | 2023286617 | REGEL THERAPEUTICS, INC. |
| 2023275606 | YALE UNIVERSITY | 2023286754 | SYNGENTA CROP PROTECTION AG |
| 2023275687 | GOOGLE LLC | 2023286765 | SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V. |
| 2023275711 | THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA | 2023286800 | SANDVIK LTD |
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| 2023275880 | KSB SE & CO. KGAA | 2023287669 | SWIMC LLC |
| 2023276305 | SENSE LABS, INC. | 2023287729 | LOCUS SOLUTIONS IPCO, LLC |
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| 2023276586 | LITTLE GIANT LADDER SYSTEMS, LLC | 2023289491 | SANDVIK LTD |
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| 2023276700 | GENTEX CORPORATION | 2023290203 | HOLLISTER INCORPORATED |
| 2023276705 | LIGHTFORCE ORTHODONTICS, INC. | 2023290253 | HUMACYTE, INC. |
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| 2023276723 | CHEN, C. | 2023291287 | ELEMENT 22 GMBH |
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| 2023277684 | MANICARDI S.R.L. | | |
| 2023277691 | SNF GROUP | | |
| 2023277698 | SIEMENS ENERGY GLOBAL GMBH & CO. KG | | |
| 2023277775 | BAE SYSTEMS PLC | | |
| 2023277832 | NUCLEIX LTD. | | |
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 2023310858 J.H. FLETCHER & CO.
 2023312390 SOUCY INTERNATIONAL INC.
 2023313102 ARCELORMITTAL
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 2024220029 SPEEDX PTY LTD
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| 2023269367 | <u>A61N 1 /-</u> | | 2023297939 | | |
| 2023272488 | | 2023262139 | 2023302076 | 2023255595 | <u>B08B 9 /-</u> |
| 2023277123 | 2023254104 | 2023263977 | | | |
| 2023279271 | 2023268406 | 2023269038 | <u>A61P 39 /-</u> | <u>B01F 27 /-</u> | 2023267535 |
| 2023281712 | 2023273650 | 2023269081 | | | |
| 2023284939 | 2023280993 | 2023269367 | 2023281936 | 2023275880 | <u>B21D 26 /-</u> |
| | | 2023272924 | | | |
| <u>A61K 48 /-</u> | <u>A61N 5 /-</u> | 2023276693 | <u>A61P 43 /-</u> | <u>B01F 33 /-</u> | 2023281271 |
| | | 2023293289 | | | |
| 2023253718 | 2023263690 | | 2023254626 | 2023287669 | <u>B21D 47 /-</u> |
| 2023264067 | 2023283679 | <u>A61P 3 /-</u> | 2023259936 | | |
| 2023265031 | | | 2023296166 | <u>B01J 20 /-</u> | 2023281271 |
| 2023275457 | <u>A61P 1 /-</u> | 2023257167 | | | |
| 2023281902 | | 2023259404 | <u>A61P 7 /-</u> | 2023270908 | <u>B22F 1 /-</u> |
| 2023297939 | 2023259936 | 2023259936 | | | |
| | 2023267447 | 2023267447 | 2023268398 | <u>B01J 39 /-</u> | 2023291287 |
| <u>A61K 8 /-</u> | 2023269367 | 2023269038 | 2023280302 | | |
| | 2023276693 | 2023275606 | | 2023270908 | <u>B22F 3 /-</u> |
| 2023252526 | 2023280302 | 2023280302 | <u>A61P 9 /-</u> | | |
| 2023253613 | | 2023296166 | | <u>B01J 47 /-</u> | 2023291287 |
| 2023254125 | <u>A61P 11 /-</u> | | 2023256547 | | |
| 2023257447 | | <u>A61P 31 /-</u> | 2023259936 | 2023253595 | <u>B22F 7 /-</u> |
| 2023294763 | 2023259936 | | 2023273656 | 2023270908 | 2023291287 |
| | 2023293289 | 2023255218 | 2023281902 | | |
| <u>A61K 9 /-</u> | <u>A61P 13 /-</u> | 2023264356 | | <u>B01L 7 /-</u> | <u>B23B 3 /-</u> |
| | | 2023265202 | | 2023255068 | |
| 2023254141 | 2023259936 | 2023268398 | | | 2023284961 |

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| <u>B23K 101 /-</u> | <u>B43K 21 /-</u> | <u>B65D 55 /-</u> | <u>C01B 32 /-</u> | <u>C04B 38 /-</u> | <u>C07D 239 /-</u> |
| 2023275451 | 2023270121 | 2022461984 | 2023269164 | 2023265625 | 2023269777 |
| | <u>B43K 23 /-</u> | <u>B65D 59 /-</u> | 2023272299 | <u>C04B 5 /-</u> | <u>C07D 261 /-</u> |
| <u>B23K 11 /-</u> | 2023270121 | 2022452903 | 2023276583 | | |
| 2023275451 | | | <u>C01G 53 /-</u> | 2023254449 | 2023279074 |
| | <u>B60B 19 /-</u> | <u>B65D 71 /-</u> | 2023264470 | <u>C04B 7 /-</u> | <u>C07D 263 /-</u> |
| <u>B23K 37 /-</u> | 2023270155 | 2023280313 | | 2023254449 | 2023268633 |
| 2023275451 | | | <u>C02F 1 /-</u> | | |
| | <u>B60P 3 /-</u> | <u>B65D 79 /-</u> | 2023255595 | <u>C05D 9 /-</u> | <u>C07D 265 /-</u> |
| <u>B25B 21 /-</u> | 2023279095 | 2023277684 | 2023277470 | 2023276685 | 2023268633 |
| 2023301022 | | | <u>C02F 103 /-</u> | | |
| | <u>B62D 55 /-</u> | <u>B65D 81 /-</u> | 2023287729 | <u>C05F 11 /-</u> | <u>C07D 271 /-</u> |
| <u>B25B 23 /-</u> | 2023270155 | 2023277211 | | 2023276685 | 2023268633 |
| 2023301022 | 2023271712 | 2023277684 | <u>C02F 3 /-</u> | | |
| | 2023312390 | | | <u>C05G 1 /-</u> | <u>C07D 279 /-</u> |
| <u>B25J 11 /-</u> | | <u>B65D 88 /-</u> | 2023287729 | | |
| 2023279389 | <u>B62H 3 /-</u> | | | 2023276685 | 2023268633 |
| | 2023269072 | 2023272164 | <u>C03C 23 /-</u> | | |
| <u>B25J 9 /-</u> | | <u>B65D 90 /-</u> | 2023255408 | <u>C05G 5 /-</u> | <u>C07D 285 /-</u> |
| 2023279389 | <u>B62H 5 /-</u> | | | 2023276685 | 2023269777 |
| | 2023269072 | 2023272164 | <u>C03C 25 /-</u> | | |
| <u>B29C 39 /-</u> | | 2023277684 | | <u>C07C 229 /-</u> | <u>C07D 335 /-</u> |
| 2023256360 | <u>B63B 1 /-</u> | <u>B65F 1 /-</u> | 2023261554 | 2023276685 | 2023268633 |
| | 2023268040 | 2023257183 | | | |
| <u>B29C 53 /-</u> | | <u>B65F 5 /-</u> | 2022455022 | <u>C07C 271 /-</u> | <u>C07D 401 /-</u> |
| 2023290253 | <u>B63B 21 /-</u> | | | 2023281936 | 2023252917 |
| | 2023273906 | 2022460616 | <u>C04B 111 /-</u> | | 2023268633 |
| <u>B29C 64 /-</u> | | <u>B65G 15 /-</u> | | <u>C07C 273 /-</u> | 2023269081 |
| 2023254141 | <u>B63B 27 /-</u> | | 2022455022 | 2023285286 | 2023272152 |
| | 2023273906 | 2023252615 | 2023254449 | | <u>C07D 403 /-</u> |
| <u>B29C 70 /-</u> | | <u>B65G 21 /-</u> | 2023265625 | <u>C07C 29 /-</u> | |
| 2023255874 | <u>B63B 59 /-</u> | | 2023267278 | | 2023272152 |
| 2023256360 | 2023266426 | 2023252615 | <u>C04B 14 /-</u> | 2023254060 | 2023286754 |
| 2023270004 | | | | <u>C07C 43 /-</u> | <u>C07D 405 /-</u> |
| | <u>B64D 37 /-</u> | <u>B65G 39 /-</u> | 2022459147 | | |
| <u>B29K 307 /-</u> | 2023265166 | 2023252615 | | 2023248776 | 2023252917 |
| 2023255874 | | | <u>C04B 16 /-</u> | | 2023272152 |
| | <u>B65B 1 /-</u> | <u>B65G 69 /-</u> | | <u>C07C 69 /-</u> | 2023286754 |
| <u>B32B 15 /-</u> | 2023277684 | 2023271442 | 2022455022 | | |
| 2023291287 | | | 2022459147 | 2023272508 | <u>C07D 409 /-</u> |
| | <u>B65B 25 /-</u> | <u>B66D 1 /-</u> | | <u>C07D 205 /-</u> | 2023259936 |
| <u>B32B 27 /-</u> | 2023277684 | 2023271333 | 2022455022 | | 2023268633 |
| 2024227688 | | | 2023268239 | 2023268633 | 2023272152 |
| | <u>B65B 29 /-</u> | <u>B66D 3 /-</u> | | 2023273793 | 2023286754 |
| <u>B32B 7 /-</u> | 2023277211 | 2023286800 | <u>C04B 22 /-</u> | | <u>C07D 207 /-</u> |
| 2024227688 | | | 2023268239 | 2023272152 | |
| | <u>B65B 31 /-</u> | <u>B82Y 20 /-</u> | | 2023273793 | <u>C07D 411 /-</u> |
| <u>B32B 9 /-</u> | 2023277684 | 2023256807 | <u>C04B 28 /-</u> | | 2023270055 |
| 2024227688 | | | | <u>C07D 211 /-</u> | |
| | <u>B65D 21 /-</u> | <u>C01B 21 /-</u> | 2022455022 | | 2023268633 |
| <u>B33Y 30 /-</u> | 2022461984 | 2023269164 | 2023267278 | 2023272152 | 2023272152 |
| 2023254141 | | | 2023268239 | 2023273793 | 2023286754 |
| | <u>B65D 25 /-</u> | <u>C01B 3 /-</u> | <u>C04B 35 /-</u> | | 2023307594 |
| <u>B42D 25 /-</u> | 2022461984 | 2023254060 | | 2023255415 | <u>C07D 213 /-</u> |
| 2023256807 | | 2023272299 | 2022455022 | 2023268633 | |
| | | | 2023265625 | | <u>C07D 417 /-</u> |
| | | | 2023287335 | <u>C07D 233 /-</u> | 2022461667 |
| | | | | | 2023259936 |
| | | | | 2023268633 | 2023268633 |
| | | | | | 2023269777 |
| | | | | 2023268633 | 2023272152 |

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|--|--|--------------------------|--|--|--|
| 2023286754 2023322638 | <u>C07H 11 /-</u> | <u>C08F 220 /-</u> | <u>C09D 11 /-</u> | <u>C11D 1 /-</u> | <u>C12P 21 /-</u> |
| <u>C07D 419 /-</u> | 2023272874 | 2023271089 2023277691 | 2023270993 | 2023305838 | 2023259161 2023268258 |
| 2023259936 | <u>C07H 21 /-</u> | <u>C08F 226 /-</u> | <u>C09D 17 /-</u> | <u>C12C 7 /-</u> | <u>C12Q 1 /-</u> |
| <u>C07D 471 /-</u> | 2023269171 | 2023271089 | 2023287669 | 2023272022 | 2023249001 2023250165 2023251574 2023268261 2023276693 2023276707 2023276723 2023277832 2023279876 2023280486 2024220029 |
| 2023259291 2023262139 2023270055 2023272152 | <u>C07J 71 /-</u> | <u>C08F 228 /-</u> | <u>C09D 183 /-</u> | <u>C12M 1 /-</u> | |
| <u>C07D 473 /-</u> | 2023269367 | 2023277691 | 2024219769 | 2023264560 2023266406 2023444727 | |
| 2023273656 | <u>C07J 73 /-</u> | <u>C08G 59 /-</u> | <u>C09D 7 /-</u> | <u>C12M 3 /-</u> | |
| <u>C07D 487 /-</u> | 2023281936 | 2023272508 | 2023287669 2024219769 | 2023255408 | |
| 2023260353 2023270000 2023272152 2023297024 2023297962 | <u>C07K 1 /-</u> | <u>C08G 77 /-</u> | <u>C09J 183 /-</u> | <u>C12N 1 /-</u> | <u>C21B 11 /-</u> |
| <u>C07D 491 /-</u> | 2023251987 | 2023257447 2024219769 | 2023257447 | 2023268258 2023279876 2023287729 | 2022471042 2022471175 2022471366 2022471367 2022471655 2022471656 2022471657 2022472142 2023313102 |
| 2023296166 | <u>C07K 14 /-</u> | <u>C08J 11 /-</u> | <u>C09K 11 /-</u> | <u>C12N 15 /-</u> | |
| <u>C07D 493 /-</u> | 2023249001 2023250165 2023253595 2023253718 2023259161 2023264356 2023265128 2023268543 2023269666 2023272924 2023277123 2023281712 2023284939 | 2023274290 | 2023268261 | 2022343400 2023248463 2023252915 2023253700 2023253718 2023259404 2023264067 2023265031 2023266445 2023267447 2023268258 2023275457 2023275606 2023277123 2023279844 2023279876 2023286617 2023297939 | |
| 2023259291 2023268261 | <u>C07K 16 /-</u> | <u>C08J 3 /-</u> | <u>C09K 23 /-</u> | | <u>C21B 13 /-</u> |
| <u>C07D 495 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023255874 2023259646 | 2023287669 2024227688 2024227689 | 2023259404 2023264067 2023265031 2023266445 2023267447 2023268258 2023275457 2023275606 2023277123 2023279844 2023279876 2023286617 2023297939 | 2022471042 2022471175 2022471366 2022471367 2022471655 2022471656 2022471657 2022472142 2023313102 |
| 2023259291 2023259936 | <u>C07K 16 /-</u> | <u>C08J 7 /-</u> | <u>C09K 5 /-</u> | | |
| <u>C07D 498 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023272508 | 2024227688 2024227689 | | |
| 2023259291 2023259936 | <u>C07K 16 /-</u> | <u>C08J 7 /-</u> | <u>C10B 53 /-</u> | | |
| <u>C07D 513 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023272508 | 2023254060 | | |
| 2023259291 2023259936 | <u>C07K 16 /-</u> | <u>C08J 7 /-</u> | <u>C10G 1 /-</u> | | |
| <u>C07D 515 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023272508 | 2023254060 | | |
| 2023259936 | <u>C07K 16 /-</u> | <u>C08J 7 /-</u> | <u>C10G 2 /-</u> | | |
| <u>C07D 519 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023272508 | 2023284100 | | |
| 2023259936 | <u>C07K 16 /-</u> | <u>C08L 23 /-</u> | <u>C10G 3 /-</u> | | |
| <u>C07D 519 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023255874 2023259646 | 2023282861 | | |
| 2023259936 | <u>C07K 16 /-</u> | <u>C08L 33 /-</u> | <u>C10M 115 /-</u> | | |
| <u>C07D 519 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023255874 2023259646 | 2023290654 | | |
| 2023259936 | <u>C07K 16 /-</u> | <u>C08L 5 /-</u> | <u>C10M 119 /-</u> | | |
| <u>C07D 519 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023255874 2023259646 | 2023290654 | | |
| 2023259936 | <u>C07K 16 /-</u> | <u>C08L 83 /-</u> | <u>C10N 20 /-</u> | | |
| <u>C07F 5 /-</u> | 2022458320 2023259161 2023260317 2023260654 2023262137 2023266445 2023268258 2023269367 2023269792 2023272488 2023272924 2023273025 2023275542 2023276707 2023281062 2023281712 2023293289 2023307708 2024219856 | 2023257447 | 2023290654 | | |
| 2023276685 | <u>C07K 5 /-</u> | <u>C09B 11 /-</u> | <u>C10N 50 /-</u> | | |
| <u>C07F 7 /-</u> | 2023269367 2023281397 | 2023268261 | 2023290654 | | |
| 2023268261 | <u>C08B 37 /-</u> | <u>C09B 57 /-</u> | <u>C11B 3 /-</u> | | |
| <u>C07F 9 /-</u> | 2023252526 | 2023268261 | 2023282861 | | |
| 2023269038 | <u>C08F 2 /-</u> | <u>C09B 67 /-</u> | <u>C11C 3 /-</u> | | |
| <u>C07H 1 /-</u> | 2023271089 2023272508 | 2023287669 | 2023282861 | | |
| 2023272874 | <u>C09C 1 /-</u> | 2023270993 | | | |

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| <u>C22B 26 /-</u> | <u>D05B 91 /-</u> | <u>E04G 11 /-</u> | <u>E21B 4 /-</u> | <u>F04D 27 /-</u> | <u>F25D 11 /-</u> |
| 2024220208 | 2023269087 | 2023281271 | 2023260638 | 2023378550 | 2023315860 |
| <u>C22B 3 /-</u> | <u>D06F 33 /-</u> | <u>E04G 21 /-</u> | <u>E21B 43 /-</u> | <u>F04D 29 /-</u> | <u>F25D 13 /-</u> |
| 2023255266 2023260232 2024220208 | 2022462414 2022462813 2023255917 | 2023268592 | 2023267030 | 2023378550 | 2023272383 2023315860 |
| <u>C22B 4 /-</u> | <u>D06F 39 /-</u> | <u>E05B 15 /-</u> | <u>E21B 47 /-</u> | <u>F04D 5 /-</u> | <u>F25D 19 /-</u> |
| 2023260232 | 2022462011 2022462414 2022462813 | 2023260646 | 2023260638 2023267030 2023267602 | 2023267130 | 2023315860 |
| <u>C22B 59 /-</u> | <u>D07B 1 /-</u> | <u>E05B 27 /-</u> | <u>E21B 7 /-</u> | <u>F15D 1 /-</u> | <u>F25D 29 /-</u> |
| 2023260232 | 2022462924 2023255917 | 2023271384 | 2023260638 2023266158 2023310858 | 2023274964 | 2023272383 2023315860 |
| <u>C22B 7 /-</u> | <u>E01C 11 /-</u> | <u>E05B 47 /-</u> | <u>E21D 15 /-</u> | <u>F16L 1 /-</u> | <u>F25J 1 /-</u> |
| 2023260232 2023261897 2024220208 | 2023278412 | 2023260646 2023269072 | 2023281271 | 2023274964 | 2023272430 2023277401 |
| <u>C22B 9 /-</u> | <u>E01C 13 /-</u> | <u>E05D 1 /-</u> | <u>E21D 20 /-</u> | <u>F16L 33 /-</u> | <u>F27B 3 /-</u> |
| 2023260232 | 2024227689 | 2023271384 | 2023259705 2023310858 | 2023268461 | 2022471042 2022471175 2022471655 2022472141 2022472142 |
| <u>C22C 38 /-</u> | <u>E01C 5 /-</u> | <u>E06C 1 /-</u> | <u>E21D 21 /-</u> | <u>F16L 57 /-</u> | <u>F27D 3 /-</u> |
| 2023266433 | 2023271442 | 2023276586 | 2023259705 | 2022452903 | 2022471042 2022471175 2022471655 2022472141 2022472142 |
| <u>C23C 22 /-</u> | <u>E02D 27 /-</u> | <u>E06C 7 /-</u> | <u>E21F 17 /-</u> | <u>F17C 1 /-</u> | <u>F27D 3 /-</u> |
| 2023266463 | 2022475799 | 2023276586 | 2022453500 | 2023270004 | 2022471042 2022471175 2022471655 2022472141 2022472142 |
| <u>C25B 1 /-</u> | <u>E02D 29 /-</u> | <u>E21B 1 /-</u> | <u>F04B 39 /-</u> | <u>F17C 3 /-</u> | <u>F28D 21 /-</u> |
| 2023271436 2023274258 2023277698 2023297106 2023306752 | 2022475799 2023272164 | 2022452903 | 2023259172 | 2023251814 | 2023265625 |
| <u>C25B 13 /-</u> | <u>E03D 5 /-</u> | <u>E21B 10 /-</u> | <u>F04B 43 /-</u> | <u>F21S 9 /-</u> | <u>F28D 21 /-</u> |
| 2023274258 2023297106 | 2023272164 | 2023266158 | 2023255289 | 2022461270 | 2023265625 |
| <u>C25B 15 /-</u> | <u>E03F 1 /-</u> | <u>E21B 17 /-</u> | <u>F04B 53 /-</u> | <u>F21V 14 /-</u> | <u>F28D 7 /-</u> |
| 2023277698 2023306752 | 2023272164 | 2023260893 2023274964 | 2023255289 | 2022461270 | 2023265625 |
| <u>C25B 9 /-</u> | <u>E03F 5 /-</u> | <u>E21B 19 /-</u> | <u>F04C 11 /-</u> | <u>F24C 9 /-</u> | <u>F28F 13 /-</u> |
| 2023274258 2023277698 2023297106 2023306752 | 2023272164 | 2023310858 | 2023267130 | 2023264113 | 2023265625 |
| <u>D01F 1 /-</u> | <u>E04B 1 /-</u> | <u>E21B 23 /-</u> | <u>F04C 14 /-</u> | <u>F24F 11 /-</u> | <u>F28F 21 /-</u> |
| 2023266426 | 2023268507 | 2023260638 2023260893 | 2023267130 | 2023268027 | 2023265625 |
| <u>D01F 6 /-</u> | <u>E04B 2 /-</u> | <u>E21B 29 /-</u> | <u>F04C 15 /-</u> | <u>F24F 7 /-</u> | <u>F41A 23 /-</u> |
| 2023266426 | 2023437842 | 2023260638 | 2023267130 | 2023437842 | 2023274962 |
| <u>D02G 3 /-</u> | <u>E04C 3 /-</u> | <u>E21B 31 /-</u> | <u>F04C 7 /-</u> | <u>F24H 3 /-</u> | <u>F41H 5 /-</u> |
| 2023266426 | 2023281271 | 2023260638 | 2023267130 | 2023264113 | 2023265634 |
| <u>D02G 3 /-</u> | <u>E04F 11 /-</u> | <u>E21B 33 /-</u> | <u>F04D 23 /-</u> | <u>F25B 1 /-</u> | <u>F42D 1 /-</u> |
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A61K 31/517 (2006.01)
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A01C 23/02 (2006.01)
G06Q 10/08 (2012.01)
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G06F 3/041 (2006.01)
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F04C 29/02 (2006.01)
F04C 29/04 (2006.01)
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A61M 5/168 (2006.01)
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G01S 17/42 (2006.01)
G06F 18/22 (2023.01)
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
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C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 15/88 (2006.01)

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B01D 61/12 (2006.01)
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C08J 9/10 (2006.01)
C09D 109/10 (2006.01)
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C07C 55/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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H01R 13/52 (2006.01)
H01R 24/58 (2011.01)
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G03B 17/56 (2021.01)
A61B 5/00 (2006.01)
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G03B 15/00 (2021.01)
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A61K 35/761 (2015.01)
A61P 13/10 (2006.01)
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(21) 2023200290

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E21C 41/32 (2006.01)
A01G 25/02 (2006.01)
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G06V 20/58 (2022.01)
G01S 5/00 (2006.01)
G06F 18/23 (2023.01)
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C12P 13/08 (2006.01)
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B65G 7/04 (2006.01)
B62B 3/00 (2006.01)
B62B 3/10 (2006.01)
B62B 5/02 (2006.01)

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B66F 9/06 (2006.01)
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A61Q 11/00 (2006.01)
A61K 8/21 (2006.01)
A61K 8/25 (2006.01)
A61K 8/27 (2006.01)
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A61P 31/00 (2006.01)
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A61P 1/16 (2006.01)
A61P 25/18 (2006.01)
C07D 239/54 (2006.01)
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A61B 5/087 (2006.01)
G01N 29/024 (2006.01)
G01N 33/00 (2006.01)
G01N 33/497 (2006.01)
G10L 25/00 (2013.01)
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C12Q 1/02 (2006.01)
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C08F 2/50 (2006.01)
C09D 4/00 (2006.01)
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A61K 38/095 (2019.01)
A61L 15/00 (2006.01)
A61P 25/36 (2006.01)

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C10G 11/00 (2006.01)

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H02G 3/00 (2006.01)
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B01D 19/00 (2006.01)
A61K 9/00 (2006.01)
A61M 5/00 (2006.01)
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B29C 44/10 (2006.01)
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A43B 17/02 (2006.01)
A43B 7/142 (2022.01)
A43B 7/1463 (2022.01)
A43B 7/148 (2022.01)
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B65D 75/44 (2006.01)
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G09B 23/34 (2006.01)
B33Y 80/00 (2015.01)
G09B 23/28 (2006.01)
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B65H 54/02 (2006.01)
B65H 75/02 (2006.01)
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 C07K 16/00 (2006.01)
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 G01N 33/574 (2006.01)
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 A61K 47/68 (2017.01)
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 A61K 39/00 (2006.01)
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 A61K 31/282 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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C12N 15/13 (2006.01)
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F16L 55/00 (2006.01)
F17D 1/08 (2006.01)
F17D 3/01 (2006.01)
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F42C 19/12 (2006.01)
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E21B 43/08 (2006.01)
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C03B 9/41 (2006.01)
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A61L 29/08 (2006.01)
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A61L 27/50 (2006.01)
A61B 50/30 (2016.01)
A61L 29/14 (2006.01)
A61M 25/00 (2006.01)
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H04W 24/04 (2009.01)
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H04W 74/08 (2009.01)
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C12Q 1/6886 (2018.01)
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 A61K 31/538 (2006.01)
 A61K 31/4439 (2006.01)
 A61P 9/10 (2006.01)
 A61P 35/02 (2006.01)
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 C07D 471/04 (2006.01)
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 (54) Inflatable sleeve and method of manufacturing same
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 F16L 55/16 (2006.01)
 F16L 55/18 (2006.01)
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 (54) Pressure-regulating vital adaptors
 (51) Int. Cl.
 A61J 1/20 (2006.01)
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 A61J 3/00 (2006.01)

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 F23J 7/00 (2006.01)
 F23C 1/00 (2006.01)
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 (54) A screw fastener
 (51) Int. Cl.
 F16B 25/10 (2006.01)
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 (72) Camilleri, Mark Anthony; Marshall, Bryan Hugh
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
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 (54) Clutch having limited articulation
 (51) Int. Cl.
 B66C 1/66 (2006.01)
 E04G 21/14 (2006.01)
 (43) 02.02.2023
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 (72) FERRIER, Ian Ross
 (74) Davies Collison Cave Pty Ltd

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 (54) Systems And Methods For Determining Microsatellite Instability
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 G16B 20/20 (2019.01)
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 (74) WRAYS PTY LTD

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 (51) Int. Cl.
 A61K 47/68 (2017.01)
 C07K 16/28 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Axial field rotary energy device having PCB stator and variable frequency drive
 (51) Int. Cl.
 H02K 1/12 (2006.01)
 H02K 1/27 (2006.01)
 H02K 9/02 (2006.01)
 H02K 9/12 (2006.01)
 H02K 11/30 (2016.01)
 H02K 11/33 (2016.01)
 (87) WO2021/146244
 (31) 62/960,974 (32) 14.01.20 (33) US
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 (44) 28.11.2024
 (72) LEE, Randal; GUEDES-PINTO, Paulo; SCHULER, Ben; LEE, Rich
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Insight Medical Systems, Inc.
 (11) AU-B-2022204673
 (21) 2022204673 (22) 30.06.2022
 (54) Systems and methods for sensory augmentation in medical procedures
 (51) Int. Cl.
 A61B 34/00 (2016.01)
 A61B 34/10 (2016.01)
 A61B 34/20 (2016.01)
 A61B 90/00 (2016.01)
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 (62) 2018316092
 (72) RYAN, Matthew William; HARTMAN, Andrew Philip; MAYMAN, David Jacob; VAN DER WALT, Nicholas
 (74) AJ PARK

Institut d'Optique Théorique et Appliquée
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 (21) 2019273006

(71) Instrumentation Laboratory Company
 (11) AU-B-2023201728
 (21) 2023201728 (22) 20.03.2023

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 (51) Int. Cl.
G16H 10/40 (2018.01)
C12Q 1/56 (2006.01)
G01N 33/86 (2006.01)
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G05D 1/00 (2006.01)
G01S 13/89 (2006.01)
G05D 1/20 (2024.01)

G06N 3/02 (2006.01)
G10L 15/16 (2006.01)
G10L 15/18 (2013.01)
B64C 13/18 (2006.01)
G08G 5/04 (2006.01)
G10L 15/22 (2006.01)
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G06T 7/73 (2017.01)
G01B 21/02 (2006.01)
G01B 21/16 (2006.01)
G06F 18/22 (2023.01)
G06T 7/50 (2017.01)
G06T 11/00 (2006.01)
G06V 10/44 (2022.01)
G06V 10/75 (2022.01)
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C21D 8/12 (2006.01)
C22C 38/00 (2006.01)
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F24D 11/02 (2006.01)
F24D 17/00 (2022.01)
F24D 17/02 (2006.01)
F24D 19/10 (2006.01)
F24H 4/04 (2006.01)
F24H 7/04 (2006.01)
F28D 20/02 (2006.01)
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C12N 5/00 (2006.01)
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B60C 7/08 (2006.01)
A61G 5/04 (2013.01)
A61G 5/10 (2006.01)
B60B 19/00 (2006.01)
B60B 33/00 (2006.01)
B60C 7/10 (2006.01)
B60C 7/24 (2006.01)
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G06N 3/02 (2006.01)
G06T 1/00 (2006.01)
G06T 7/187 (2017.01)
G06T 7/194 (2017.01)
G06T 7/90 (2017.01)
G06V 10/10 (2022.01)
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G16H 70/40 (2018.01)
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C02F 1/28 (2006.01)
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 C11B 1/04 (2006.01)
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 Strobel, Andrew; Lanoue, Corey;
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 ISENBERG, Mathew
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 YANG, Jun; ZHAO, Qiang; XU, Jin; YE,
 Guocheng
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 Saha, Krishanu; Abdeen, Amr Ashraf;
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 (74) Allens Patent & Trade Mark Attorneys

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 (51) Int. Cl.
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 (74) FB Rice Pty Ltd

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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Yau Lee Wah Construction Materials (Huizhou) Company Limited
 (11) AU-B-2020217448
 (21) 2020217448 (22) 14.08.2020
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 (51) Int. Cl.
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(71) ZTE CORPORATION
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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| 2017334263 | Macfarlane Burnet Institute for Medical Research and Public Health Limited | 2019230014 | Alkermes Pharma Ireland Limited |
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| 2017341000 | Daiichi Sankyo Company, Limited | 2019233790 | EBar Initiatives Ltd |
| 2017359439 | Regeneron Pharmaceuticals, Inc. | 2019236250 | Abiomed, Inc. |
| 2017360807 | Biocon Limited | 2019238211 | Sheltered Wings, Inc. D/B/A Vortex Optics |
| 2017365028 | Vaxiion Therapeutics, LLC | 2019240226 | Intra-Cellular Therapies, Inc. |
| 2018212017 | EpicientRx, Inc. | 2019244150 | Todo, T. |
| 2018214946 | Vanderbilt University | 2019244402 | Puraffinity Ltd |
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| 2018256609 | Lightforce USA, Inc., d/b/a Nightforce Optics | 2019249212 | Schneider Electric USA, Inc. |
| 2018260915 | Pratt Retail Specialties, LLC | 2019251776 | Les Entreprises Francois Masse Inc. |
| 2018267281 | Qinov8 UK Ltd | 2019253577 | Elgan Pharma Ltd |
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| 2018283155 | Wisconsin Alumni Research Foundation | 2019254640 | Combioxin SA |
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| 2018318559 | Sakata Seed Corporation | 2019257105 | Stichting VU |
| 2018330694 | Sumitomo Pharma Co., Ltd.; Riken | 2019259894 | Mectron S.p.A. |
| 2018337663 | OZX IP Pty Ltd | 2019263688 | HEAD, P. |
| 2018350371 | Lifting Point Construction Technologies Pty Ltd | 2019273006 | Universite de Bordeaux; Centre National de la Recherche Scientifique; Institut d'Optique Théorique et Appliquée |
| 2018355325 | Janssen Pharmaceuticals, Inc.; AC Immune S.A. | 2019275075 | CARDURION PHARMACEUTICALS, INC. |
| 2018357058 | Sheffield Children's NHS Foundation Trust; University of Sheffield | 2019277679 | Eisai R&D Management Co., Ltd. |
| 2018359331 | Epiroc Rock Drills Aktiebolag | 2019279395 | ATG Ceylon (Pvt) Ltd |
| 2018363807 | Deutsches Krebsforschungszentrum | 2019281220 | BP Exploration Operating Company Limited |
| 2018370849 | Bettcher Industries, Inc. | 2019282138 | Smartsky Networks LLC |
| 2018382466 | DSM IP Assets B.V. | 2019288369 | John Bean Technologies Corporation |
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| 2018386215 | Board of Regents, The University of Texas System | 2019295423 | Breville Pty Limited |
| 2018386552 | Carbios | 2019300986 | SJJ Solutions B.V. |
| 2018394081 | ICU Medical, Inc. | 2019305086 | The Board Of Trustees Of The Leland Stanford Junior University |
| 2018395791 | Celon Pharma S.A. | 2019309168 | F. HOFFMANN-LA ROCHE AG |
| 2018397685 | Galvanize Therapeutics, Inc. | 2019311134 | PERI SE |
| 2018402956 | Public University Corporation Yokohama City University; Tosoh Corporation | 2019311219 | Creanova Universal Closures Ltd. |
| 2018418332 | Halliburton Energy Services, Inc. | 2019315375 | XR Reserve LLC |
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| 2018437298 | Hermetik Hydraulik AB | 2019328313 | ImmunityBio, Inc. |
| 2018439421 | Takagi Co., Ltd. | 2019331381 | AMVAC Hong Kong Limited |
| 2019200713 | Deere & Company | 2019331552 | New-tec Integration (xiamen) Co. Ltd., |
| 2019201775 | STUDCO AUSTRALIA PTY LTD | 2019334595 | Saisei Pharma Co., Ltd. |
| 2019202030 | ADIENNE Pharma & Biotech SA | 2019340045 | Astes4 SA |
| 2019202872 | Elmer's Welding & Manufacturing Ltd. | 2019343304 | Frito-Lay Trading Company GmbH |
| 2019202926 | STRYKER EUROPEAN OPERATIONS HOLDINGS LLC | 2019345153 | NXT Biomedical, LLC |
| 2019203165 | Simpson Strong-Tie Company Inc. | 2019346343 | Bioo Scientific Corporation |
| 2019203298 | Fabric Formwork Pty Ltd | 2019357051 | 1266638 B.C. Unlimited Liability Company |
| 2019203919 | ULMA packaging, S.COOP. | 2019357843 | Lucarelli, D. |
| 2019205865 | Trudell Medical International Inc. | 2019358599 | Unichem Laboratories Ltd |
| 2019206135 | JULIUS INDUSTRIAL & SCIENTIFIC PTY LTD | 2019362215 | Laminated Film LLC |
| 2019206713 | Light Field Lab, Inc. | 2019362890 | Bio Health Frontiers, Inc. |
| 2019207470 | Becton, Dickinson and Company | 2019363059 | Lazer Sport NV |
| 2019208235 | Schneider Electric Industries SAS | 2019370833 | Blade Dynamics Limited |
| 2019209552 | Nuvera Fuel Cells, LLC | 2019377213 | Fresenius Medical Care Deutschland GmbH |
| 2019210567 | Winfield Solutions, LLC | 2019379775 | BP Exploration Operating Company Limited |
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| 2019211323 | Thermos L.L.C.; Thermos (China) Housewares Co. Ltd. | 2019380640 | Onderzoeks- En Ontwikkelingsfonds Rode Kruis-Vlaanderen |
| 2019212793 | Tyco Fire Products LP | 2019384119 | Amgen Inc. |
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| 2019217572 | STIMIT AG | 2019390392 | KPR U.S., LLC |
| 2019219490 | Alcon Inc. | 2019394610 | Fits Holding B.V. |
| 2019221892 | Makro Labelling S.r.l. | 2019398716 | Enpro Subsea Limited |
| 2019222497 | Gambro Lundia AB | 2019403348 | Bristol-Myers Squibb Company |
| 2019222578 | MAKO Surgical Corp. | 2019403883 | Dow Global Technologies LLC; Rohm and Haas Company |
| 2019224850 | Glenmark Specialty S.A. | 2019436989 | Panasonic Intellectual Property Corporation of America |
| 2019227817 | Jayol, B. | 2019446081 | LTZ - Zentrum für Luft- und Trinkwasserhygiene GmbH |
| 2019229379 | Ramtaps Pty Ltd | | |

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| 2020209397 | Sceye SA | 2021362240 | BOSTON SCIENTIFIC SCIMED, INC. |
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| 2020233972 | Norsk Hydro ASA | 2021403054 | TME THERAPEUTICS CO., LTD. |
| 2020235621 | Qualcomm Incorporated | 2021403677 | Welltec Manufacturing Center Completions ApS |
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| | | 2022291443 | Dolby International AB |
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| 2023254971 | SAMSUNG ELECTRONICS CO., LTD. |
| 2023263467 | Samsung Electronics Co., Ltd. |
| 2023267492 | WATT FUEL CELL CORP. |
| 2023267910 | HUMMINGBIRD DIAGNOSTICS GMBH |
| 2023274201 | Siemens Healthcare Diagnostics Inc. |
| 2023285741 | Fresh Health Inc. |
| 2023285772 | Chongqing Changan Automobile Co., Ltd. |
| 2023285929 | Insulet Corporation |
| 2023311769 | ON TOP TOURERS PTY LTD |
| 2023336079 | BEIJING EACON TECHNOLOGY CO., LTD. |
| 2024200280 | JSP Limited |
| 2024200283 | Apple Inc. |
| 2024203444 | Trina Solar Co., Ltd. |
| 2024204701 | FISHER & PAYKEL HEALTHCARE LIMITED |
| 2024210564 | ORBILIFT PTY LTD |
| 2024216394 | PREMIER SCAFFOLDS PTY LTD |
| 2024220067 | CLIFTON DEVELOPMENT AND DESIGNS PTY LTD |

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| <u>A01G 13 /-</u> | <u>A41D 1 /-</u> | <u>A61B 34 /-</u> | 2020225482 | | 2018330694 2020378350 |
| 2023201909 | 2023251968 | 2019222578 2022204673 | <u>A61H 31 /-</u> | <u>A61K 39 /-</u> | <u>A61L 29 /-</u> |
| <u>A01G 25 /-</u> | <u>A41D 19 /-</u> | | 2019217572 | 2017334263 2017341000 2017359439 2017365028 2018214946 2018355325 2019305086 2019384119 2020268896 2020270555 2020480236 2021209220 2021221001 2022335719 | 2020356399 2020378350 |
| 2023200290 | 2019279395 | <u>A61B 5 /-</u> | <u>A61J 1 /-</u> | | <u>A61M 1 /-</u> |
| <u>A01G 31 /-</u> | <u>A42B 3 /-</u> | 2021337295 2021347597 2021384028 2022210720 2022252801 2023202912 | 2019202030 2020453766 2022224704 | | 2019222497 2021258088 |
| 2021277527 | 2019363059 2024200280 | | <u>A61J 3 /-</u> | | <u>A61M 11 /-</u> |
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| 2021277527 | 2022445036 | 2020378350 | <u>A61K 31 /-</u> | | <u>A61M 15 /-</u> |
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| <u>A01M 1 /-</u> | 2019331552 | | | 2017341000 2019224850 2019254640 2019328313 2020270555 2021266739 2021273735 2022279519 2023202398 | 2019207470 2020378350 2023202912 |
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| 2019210567 2020372469 | <u>A47J 41 /-</u> | <u>A61F 2 /-</u> | | <u>A61K 51 /-</u> | <u>A61M 5 /-</u> |
| | 2019211323 | 2019213392 2021259619 2021362240 2022231785 2022275458 | | 2018363807 | |
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| 2020372469 | 2022255721 2023246890 | <u>A61F 5 /-</u> | | | |
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| 2019236250 | 2018251987 | <u>A63F 1 /-</u> | <u>B05B 17 /-</u> | <u>B26D 3 /-</u> | <u>B60L 15 /-</u> |
| <u>A61N 1 /-</u> | 2018386215 | 2023233183 | 2022221529 | 2020473992 | 2018337663 |
| 2019217572 | 2019244150 | <u>A63F 11 /-</u> | <u>B05D 1 /-</u> | <u>B26D 7 /-</u> | <u>B60L 50 /-</u> |
| 2021308626 | 2019275075 | 2023233183 | 2019279395 | 2020473992 | 2018359331 |
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| 2021266739 | 2021387448 | <u>B01D 15 /-</u> | <u>B21D 43 /-</u> | <u>B30B 11 /-</u> | <u>B60R 9 /-</u> |
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| 2018251987 | 2022238001 | 2019309168 | 2019211323 | 2023200881 | 2019210726 |
| <u>A61P 19 /-</u> | 2023202398 | <u>B01D 37 /-</u> | <u>B23K 26 /-</u> | <u>B32B 18 /-</u> | <u>B60T 7 /-</u> |
| 2018382466 | 2023218370 | 2022201222 | 2019211323 | 2019362215 | 2018337663 |
| 2019334595 | <u>A61P 43 /-</u> | <u>B01D 53 /-</u> | <u>B25B 11 /-</u> | <u>B32B 7 /-</u> | <u>B62B 3 /-</u> |
| 2021266739 | 2019334595 | 2023227633 | 2022224865 | 2019362215 | 2024220067 |
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| <u>A61P 17 /-</u> | 2021402788 | 2019281220 | 2022224865 | 2019362215 | 2024220067 |
| 2018382466 | <u>A61P 9 /-</u> | 2019379775 | <u>B25B 21 /-</u> | <u>B33Y 80 /-</u> | <u>B62B 7 /-</u> |
| 2019334595 | 2021364091 | <u>B01D 65 /-</u> | 2019203165 | 2023202629 | 2022206070 |
| 2022279519 | 2021400316 | 2019281220 | <u>B25B 23 /-</u> | <u>B41J 2 /-</u> | <u>B62B 9 /-</u> |
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| 2019358599 | 2021364091 | 2019244402 | 2022224865 | <u>B42F 7 /-</u> | <u>B62D 55 /-</u> |
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| 2020338767 | 2018382466 | <u>B04B 15 /-</u> | 2022224865 | 2024210564 | 2022380638 |
| 2021262281 | <u>A61Q 5 /-</u> | 2023215729 | <u>B25J 1 /-</u> | <u>B60J 1 /-</u> | <u>B65B 1 /-</u> |
| 2021266739 | 2018382466 | 2019212793 | 2022224865 | 2022204753 | 2022224704 |
| 2022408967 | <u>A61Q 7 /-</u> | 2022204753 | <u>B26B 25 /-</u> | <u>B60K 17 /-</u> | <u>B65B 3 /-</u> |
| <u>A61P 27 /-</u> | <u>A62C 2 /-</u> | 2021264368 | 2018370849 | 2022264461 | 2019309168 |
| 2018330694 | 2022279519 | <u>B01L 7 /-</u> | | | |
| 2020338767 | <u>A62C 3 /-</u> | 2021285406 | | | |
| <u>A61P 29 /-</u> | 2022204753 | <u>B02C 2 /-</u> | | | |
| 2019334595 | 2022204753 | 2019254610 | | | |
| 2019358599 | <u>A62C 3 /-</u> | <u>B04B 5 /-</u> | | | |
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| <u>A61P 3 /-</u> | 2022204753 | <u>B04B 5 /-</u> | | | |
| 2019334595 | <u>A62C 35 /-</u> | 2022215729 | | | |
| 2021264368 | 2019212793 | <u>B04B 5 /-</u> | | | |
| 2022408967 | 2019212793 | 2023215729 | | | |
| <u>A61P 31 /-</u> | <u>A62C 37 /-</u> | <u>B04B 5 /-</u> | | | |
| 2017334263 | 2019212793 | 2023215729 | | | |
| 2019254640 | <u>A63B 33 /-</u> | 2023215729 | | | |
| 2019334595 | 2020215761 | 2023215729 | | | |
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| <u>B65C 9 /-</u> | <u>B66D 3 /-</u> | <u>C07C 55 /-</u> | <u>C07K 14 /-</u> | 2019273006 2021264368 2021285406 2022279399 2023274201 | <u>C12Q 1 /-</u> |
| 2019221892 2019288369 | 2021422474 | 2019403348 | 2017334263 2019305086 2019358599 2020219343 2021403054 2022204134 | <u>C12M 3 /-</u> | 2017360807 2018248293 2018318559 2018330694 2019346343 2021277633 2021418327 2022202808 2023201728 2023267910 2023274201 |
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| 2023203044 | <u>B67D 1 /-</u> | 2020228629 | 2017336546 2017359439 2017360807 2019244150 2019328313 2019384119 2020268896 2020270555 2020480236 2021221001 2022335719 | <u>C12N 15 /-</u> | <u>C21D 8 /-</u> |
| <u>B65D 41 /-</u> | 2019233790 | <u>C07D 239 /-</u> | <u>C07K 19 /-</u> | 2018212017 2018251987 2018283155 2018318559 2018386215 2019244150 2019256065 2020219343 2020290509 2020480236 2021204399 2021221001 2021258088 2021273735 2021312935 2022201222 | 2021372103 |
| 2019311219 | <u>B82Y 15 /-</u> | 2021225364 2021266739 | 2017336546 2017359439 2017360807 2019244150 2019328313 2019384119 2020268896 2020270555 2020480236 2021221001 2022335719 | 2021312935 2021418327 | <u>C22B 3 /-</u> |
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| 2019311219 | <u>B82Y 20 /-</u> | 2021262281 | 2019403883 | <u>C12N 5 /-</u> | <u>C22C 38 /-</u> |
| <u>B65D 5 /-</u> | 2019387397 | <u>C07D 271 /-</u> | <u>C08J 3 /-</u> | 2018212017 2018251987 2018283155 2018318559 2018386215 2019244150 2019256065 2020219343 2020290509 2020480236 2021204399 2021221001 2021258088 2021273735 2021312935 2022201222 | 2021372103 |
| 2018260915 | <u>C01B 3 /-</u> | 2020372469 | <u>C08J 9 /-</u> | 2018212017 2018251987 2018283155 2018318559 2018386215 2019244150 2019256065 2020219343 2020290509 2020480236 2021204399 2021221001 2021258088 2021273735 2021312935 2022201222 | <u>C25B 1 /-</u> |
| <u>B65D 63 /-</u> | 2020212484 2020228629 | <u>C07D 311 /-</u> | <u>C09D 109 /-</u> | 2021229168 | 2021229168 |
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| <u>B65G 15 /-</u> | 2019244402 2019281220 2019379775 2020351421 2023200443 | <u>C07D 417 /-</u> | 2021292473 | 2018330694 2019380640 2021264368 2021312935 2021403054 2022201222 2022204152 | 2020233972 |
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| 2019210726 | <u>C02F 103 /-</u> | 2021402788 2022238001 2023201522 | <u>C09D 4 /-</u> | <u>C12N 5 /-</u> | <u>E02B 3 /-</u> |
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| 2019221892 | <u>C03B 9 /-</u> | 2020372469 | <u>C09J 109 /-</u> | 2018251987 2019244150 | 2019203298 |
| <u>B65G 39 /-</u> | 2022252698 | <u>C07D 487 /-</u> | 2021292473 | <u>C12N 9 /-</u> | <u>E02F 9 /-</u> |
| 2019210726 2022271371 | <u>C04B 28 /-</u> | 2019275075 2022238001 | <u>C09J 163 /-</u> | 2017360807 2018386215 2018386552 2019257105 2019334595 2020356064 2022268390 2022291475 | 2021258822 |
| <u>B65G 49 /-</u> | 2021229168 | <u>C07D 491 /-</u> | 2018267281 | <u>E03B 7 /-</u> | 2019446081 |
| 2019210726 | <u>C04B 9 /-</u> | 2019319971 | <u>C09K 8 /-</u> | <u>E03C 1 /-</u> | 2018439421 2019229379 |
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| 2019201775 | 2018267281 2021403677 | 2022204548 | <u>F24D 19 /-</u> | 2019203919 2019212793 | <u>G02B 27 /-</u> |
| <u>E04B 9 /-</u> | <u>E21B 34 /-</u> | 2021378928 | 2022216536 | <u>G01N 17 /-</u> | 2019206713 2019238211 |
| 2019201775 | 2022241494 2022252168 | <u>F16K 11 /-</u> | <u>F24H 4 /-</u> | 2019212793 | <u>G02B 5 /-</u> |
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| 2024216394 | <u>E21B 37 /-</u> | <u>F16K 15 /-</u> | <u>F24H 7 /-</u> | 2019387397 | <u>G02B 6 /-</u> |
| <u>E04G 11 /-</u> | 2019315375 | 2021362240 | 2022216536 | <u>G01N 27 /-</u> | 2019206713 |
| 2019311134 2020415710 | <u>E21B 4 /-</u> | <u>F16K 31 /-</u> | <u>F25B 39 /-</u> | 2018402956 | <u>G02F 1 /-</u> |
| <u>E04G 21 /-</u> | <u>E21B 43 /-</u> | 2019229379 | 2021348321 | <u>G01N 29 /-</u> | 2019206713 |
| 2022204593 | 2019263688 2019379775 2019398716 2022264935 | <u>F16K 41 /-</u> | <u>F25C 1 /-</u> | 2021384028 | <u>G03B 15 /-</u> |
| <u>E04G 3 /-</u> | <u>E21B 7 /-</u> | 2019229379 | 2022228407 | <u>G01N 33 /-</u> | 2021337295 |
| 2020415710 | 2018359331 | <u>F16L 1 /-</u> | <u>F25D 23 /-</u> | 2017334263 2018248293 2018363807 2018402956 2021221001 2021384028 2022202808 2022203671 2022408967 2023201728 2023203851 | <u>G03B 17 /-</u> |
| <u>E04G 5 /-</u> | <u>E21C 41 /-</u> | 2020204672 | 2021344360 2022228407 | 2021221001 2021384028 2022202808 2022203671 2022408967 2023201728 2023203851 | 2021337295 <u>G03H 1 /-</u> |
| 2024216394 | <u>F03B 13 /-</u> | <u>F16L 11 /-</u> | <u>F28C 3 /-</u> | 2021384028 2022202808 2022203671 2022408967 2023201728 2023203851 | 2019206713 <u>G05D 1 /-</u> |
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| <u>E04H 1 /-</u> | <u>F04B 47 /-</u> | 2018274839 | 2022216536 | <u>G01N 35 /-</u> | <u>G06F 18 /-</u> |
| 2018350371 2020415710 | 2023219924 | <u>F16L 55 /-</u> | <u>F41G 1 /-</u> | 2023274201 | 2022235364 2023230707 2023251543 |
| <u>E04H 15 /-</u> | <u>F04C 28 /-</u> | 2018267281 2018418332 2021235761 | <u>F41G 3 /-</u> | <u>G01R 31 /-</u> | |
| 2023311769 | 2023219924 | <u>F17C 1 /-</u> | 2020225664 | 2019208235 | |
| <u>E04H 3 /-</u> | <u>F04C 29 /-</u> | 2022263485 | <u>F41J 5 /-</u> | <u>G01S 13 /-</u> | <u>G06F 18 /-</u> |
| 2020415710 | 2019370833 | <u>F17C 13 /-</u> | 2020225664 | <u>G01S 13 /-</u> | 2023202740 2023285772 2023336079 |
| <u>E05B 47 /-</u> | <u>F04D 25 /-</u> | 2022263485 | <u>F42B 5 /-</u> | <u>G01S 17 /-</u> | <u>G06F 3 /-</u> |
| 2021263376 | 2019263688 | <u>F17D 1 /-</u> | 2018256609 | 2020225664 2023336079 | 2023251543 2024200283 |
| <u>E05B 65 /-</u> | <u>F04C 28 /-</u> | 2018418332 | <u>F42C 19 /-</u> | <u>G01S 5 /-</u> | <u>G06N 10 /-</u> |
| 2021263376 | 2021339079 | <u>F17D 3 /-</u> | 2022283740 | 2023285772 | 2019357843 |
| <u>E05C 3 /-</u> | <u>F04C 29 /-</u> | 2018418332 | <u>G01B 21 /-</u> | <u>G01S 7 /-</u> | <u>G06N 20 /-</u> |
| 2021263376 | 2021339079 | <u>F17D 5 /-</u> | 2023202740 | 2023336079 | 2023336079 |
| <u>E21B 17 /-</u> | <u>F04D 25 /-</u> | 2018418332 | <u>G01C 25 /-</u> | <u>G01V 1 /-</u> | <u>G06N 3 /-</u> |
| 2022264935 | 2023267492 | <u>F23C 1 /-</u> | 2019249034 | 2020343900 | 2020343900 2022221597 2022292067 2022380638 2023336079 |
| <u>E21B 19 /-</u> | <u>F04D 29 /-</u> | 2021427966 | <u>G01F 23 /-</u> | <u>G02B 1 /-</u> | |
| 2019246888 | 2018370849 2023267492 | <u>F23J 7 /-</u> | 2020381521 | 2019362215 | |
| <u>E21B 23 /-</u> | <u>F16B 2 /-</u> | 2021427966 | <u>G01H 1 /-</u> | <u>G02B 21 /-</u> | |
| 2022252168 2022264935 | 2018274839 | <u>F24D 11 /-</u> | 2022224560 | 2019387397 | <u>G06N 99 /-</u> |
| | <u>F16B 25 /-</u> | 2022216536 | <u>G01J 3 /-</u> | | 2019357843 |

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| 2022204137 | 2018248293 | | |
| <u>G06Q 50 /-</u> | <u>G16H 10 /-</u> | <u>H02J 13 /-</u> | 2023203151 |
| 2019331381 | 2023201728 | 2019357051 | <u>H04R 1 /-</u> |
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| 2022221597 | | <u>H02J 7 /-</u> | <u>H04R 3 /-</u> |
| <u>G06T 11 /-</u> | <u>G16H 20 /-</u> | 2019357051 | 2022238374 |
| 2023202740 | 2023285929 | | |
| <u>G06T 17 /-</u> | <u>G16H 40 /-</u> | <u>H02K 1 /-</u> | <u>H04S 3 /-</u> |
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| 2022214917 | 2022221597 | | |
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| <u>G06T 7 /-</u> | 2023200881 | 2021208478 | 2022287661 |
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| 202221597 | <u>H01B 7 /-</u> | 2020366256 | 2019282138 |
| 2022287538 | 2020381521 | | 2022287661 |
| 2023202740 | | <u>H02S 20 /-</u> | <u>H04W 4 /-</u> |
| 2023285772 | <u>H01F 1 /-</u> | 2023201765 | 2019282138 |
| 2023336079 | 2021372103 | | 2022287661 |
| <u>G06V 10 /-</u> | <u>H01F 27 /-</u> | <u>H02S 30 /-</u> | <u>H04W 48 /-</u> |
| 2022221597 | 2021372103 | 2023201765 | 2023201831 |
| 2023202740 | | <u>H04J 3 /-</u> | <u>H04W 56 /-</u> |
| <u>G06V 20 /-</u> | <u>H01L 31 /-</u> | 2019206135 | 2019206135 |
| 2023202740 | 2023201765 | | |
| 2023285772 | 2024203444 | <u>H04L 1 /-</u> | <u>H04W 72 /-</u> |
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| 2019249212 | 2019209552 | 2019206135 | 2023201831 |
| | | | 2023254971 |
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| | 2023200701 | 2023207949 | 2019206135 |
| <u>G10L 15 /-</u> | <u>H01R 24 /-</u> | <u>H04M 1 /-</u> | <u>H04W 88 /-</u> |
| 2022380638 | 2021308626 | 2024200283 | 2019206135 |
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| 2021384028 | 2023200701 | 2023207949 | 2019295423 |
| <u>G16B 20 /-</u> | <u>H01S 3 /-</u> | <u>H04N 19 /-</u> | |
| 2021282414 | 2023203851 | 2020235621 | |
| <u>G16B 5 /-</u> | | 2023201244 | |
| 2018248293 | | 2023203151 | |
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Certified Innovation Patents**Name Index**

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

-
- (71) Apple Inc.
(11) AU-B-2024100021
(21) 2024100021 (22) 12.07.2024
(54) User interfaces for viewing and refining the current location of an electronic device
(51) Int. Cl.
G06F 3/048 (2013.01)
G09G 5/373 (2006.01)
(45) 28.11.2024
(62) 2024100009
(72) Uzum Vella, Isil; Andrich, Brian J.; Apuy, Ryan Won-meng; Hajj, Usama M.; Sodervall, Erik G.; Figueroa, Hollie Renee; Li, Linghao; Johnson, Martin E.
(74) FPA Patent Attorneys Pty Ltd

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2019234659 **Solenis Technologies Cayman, L.P. (PRAYON)**
- 2019255175 **Orica International Pte Ltd (Dyno Nobel Asia Pacific Pty Limited)**

Patents Granted

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| 2019268743 | 2019269815 | 2019270779 | 2019274523 |
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| 2019286658 | 2019287313 | 2019288275 | 2019289563 |
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| 2019333935 | 2019340235 | 2019342090 | 2019343453 |

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| 2019396833 | 2019404614 | 2019410073 | 2019411787 |
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Assignments Registered

2005216224 Evonik Active Oxygens LLC The patent has been assigned to **Evonik Corporation**

2009329113 Koninklijke Philips N.V. The patent has been assigned to **Leia Inc.**

2015266897 Radius Pharmaceuticals, Inc. The patent has been assigned to **FRESH CUT DEVELOPMENT, LLC**

2015326919 Imertech SAS The patent has been assigned to **Calderys France**

2016204532 Evonik Active Oxygens LLC The patent has been assigned to **Evonik Corporation**

2017340314 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The patent has been assigned to **Systimmune, Inc.**

2018288030 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The patent has been assigned to **Systimmune, Inc.**

2018317611 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The patent has been assigned to **Systimmune, Inc.**

2018329066 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The patent has been assigned to **Systimmune, Inc.**

2018412443 Karbon CCS LTD; Børseth, Knut; Fleischer, Henrik The patent has been assigned to **Karbon CCS Global Limited**

2019216583 MITSUBISHI HEAVY INDUSTRIES, LTD. The patent has been assigned to **Mitsubishi Generator Co., Ltd.**

2019301959 HKG Epitherapeutics Limited The patent has been assigned to **EpiMedTechGlobal (EMTG)**

2021206856 The Great Barrier Tray Company Pty Ltd The patent has been assigned to **Caspak Products Pty Ltd**

2021225871 Match Group, LLC The patent has been assigned to **Match Group Americas, LLC**

2023202189 Match Group, LLC The patent has been assigned to **Match Group Americas, LLC**

2023222852 Match Group, LLC The patent has been assigned to **Match Group Americas, LLC**

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.

2020204164 **Arena Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 22 May 2024

For the goods VELSIPITY crystalline free-plate habit of etrasimod arginine

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2017283720 **Alexion Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Jul 2023

For the goods ANDEXXA andexanet alfa

Extension of Term of patent pursuant to Section 77 expires on 03 Jul 2038

Corrigenda

In Vol 58 , No 45 , Page(s) 6545 under the heading **Applications Accepted - Name Index** Delete all reference to 2024201159.

In Vol 58 , No 46 , Page(s) 6638 under the heading **Amendments - Application for Amendments** Under the name Phantasm Limited, Patent No. 2021288251 correct the date of the statements filed to read 21 Feb 2024 and 21 Mar 2024

Specifications Republished

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

| | |
|------------|---|
| 2019201609 | K2M, Inc. |
| 2019222480 | Microbiogen Pty. Ltd.; Novozymes A/S |
| 2019349413 | Valeda Company (d/b/a "Q'Straint") |
| 2020236015 | Genentech, Inc. |
| 2021289119 | HYUNDAI MOVE-X Co., Ltd. |
| 2022237265 | ZTE CORPORATION |
| 2022254777 | LANZATECH, INC. |