



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Polaris IP Pty Ltd v Brolock Pty Ltd 2025 & TCT Group Pty Ltd v Brolock Pty Ltd [2025] APO 30

Patent Application:	2021271942
Title:	A hinge
Patent Applicant:	Brolock Pty Ltd
Opponents:	Polaris IP Pty Ltd; TCT Group Pty Ltd
Delegate:	Dr W.E. Guinea
Decision Date:	16 September 2025
Hearing Date:	19 & 20 February 2025, in Canberra, by videoconference
Catchwords:	PATENTS – s59 – opposition by two opponents – TCT opposition – novelty – no claims found to lack novelty – inventive step – no claims lacking inventive step – clarity – no claims lacking clarity – clear enough and complete disclosure – lack of clear enough and complete enough disclosure for all claims – support – lack of support for all claims – utility – no claims lacking utility – best method – no failure to provide best method – Reg 5.23 request – Reg 5.23 request refused – TCT opposition successful – costs – costs awarded against applicant – Polaris opposition – priority date – Reg 5.23 considered – priority does not affect grounds raised – Reg 5.23 unnecessary – inventive step – s60(3) considered – s60(3) unnecessary – no claims lacking inventive step – clear enough and complete disclosure – Reg 5.23 considered – Reg 5.23 unnecessary – no claims lacking clear enough and complete disclosure – support – no claims lack support – best method – no failure to provide best method – utility – no claims lacking utility – Polaris opposition unsuccessful – costs – costs awarded against Polaris
Representation:	Patent Attorney for the Applicant: Lorne Wood-Roe of Adams Pluck Counsel for TCT Group Pty Ltd: Gilbert Tsang Patent attorney for TCT Group Pty Ltd: Philip Gehrig of Wrays Counsel for Polaris IP Pty Ltd: Angela McDonald Patent attorney for Polaris IP Pty Ltd: Simon Reynolds, David Müller-Wiesner & Andrew Bayliss of GLMR

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 9 Sep 2025 .

(71) Alderton, B. (21) 2025904279 (22) 15.09.2025 (54) Smart Jig Head Fishing Lure with Integrated Electronic Attractants	(hrHPV) Infection and HPV-Associated Cancers Angstmann, T. see Johnson, N. (21) 2025904215	(71) Borsani, A. (21) 2025904244 (22) 12.09.2025 (54) Intermediary device for intercepting point-of-sale receipt data with wallet-based customer allocation and fallback paper printing
(71) Alderton, B. (21) 2025904280 (22) 15.09.2025 (54) Smart Deep-Sea Jig Fishing Lure	(71) Annex Products Pty Ltd (21) 2025904300 (22) 16.09.2025 (54) MOBILE ELECTRONIC DEVICE MOUNTING	(71) Brooks, T. (21) 2025904242 (22) 12.09.2025 (54) Solar-Powered Submersible Retrofit Pool Light with Dusk Sensor and Optional Bluetooth Timer
(71) Alderton, B. (21) 2025904281 (22) 15.09.2025 (54) System and Method for a Marketplace of Programmable Smart Fishing Lure Profiles	(71) ASSA ABLOY Australia Pty Limited (21) 2025904241 (22) 12.09.2025 (54) Latch assembly with multiple bolts	(71) Brown Dog Solar Racks Pty Ltd (21) 2025904302 (22) 16.09.2025 (54) Roof Racks
(71) Amira International Limited (21) 2025904207 (22) 10.09.2025 (54) Process for recovering lithium from a lithium-bearing material	(71) Axe, R. (21) 2025904228 (22) 11.09.2025 (54) Controlled Drag Propulsion System Utilizing Reaction Forces	(71) Bucceri, A. (21) 2025904266 (22) 15.09.2025 (54) A mixing manifold for enhanced snow conveyance and production.
(71) Anderson, S. (21) 2025904197 (22) 10.09.2025 (54) RESET Gravity Turbine with Central Internal Piston, Mechanical Spring Storage, and Pneumatic Return The invention is a modular gravity-based energy system using a descending weight and liquid counter-mass to generate electricity. A central piston transfers liquid between silos during descent, while a spring stores mechanical energy and a pneumatic subsystem compresses air. Both are later released to lift the weight and return liquid, resetting the system without consuming harvested electricity, improving round-trip efficiency.	(71) Backtech Pty Ltd (21) 2025904298 (22) 16.09.2025 (54) GEOPOLYMER COMPOSITIONS WITH DELITHIATED BETA SPODUMENE (71) Bardot, J. (21) 2025904261 (22) 15.09.2025 (54) Modular Wearable Communication Mask with Integrated Voice Isolation, Airflow Regulation and Customizable Shell System (71) BD & LF Rumbel (21) 2025904213 (22) 11.09.2025 (54) Automatic Livestock Feeder	(71) Bulinski, L. (21) 2025904214 (22) 11.09.2025 (54) Wireless energy transfer technologies without grid connection offer significant potential for optimising electric vehicle (EV) charging, particularly in real estate-constrained areas with limited grid capacity. While conductive ac and fast dc chargers currently dominate due to established standards and operational experience, this patent describes vehicle-to-vehicle (V2V) wireless energy transfer as an alternative. The proposed system enables EVs to securely trade and exchange stored battery energy directly using Electric Vehicle Energy Trading (EVET).
(71) Angstmann, T.; Foster, L. (21) 2025904212 (22) 11.09.2025 (54) Oral Probiotic Compositions and Methods for Supporting Microbiome Health and Immune Modulation in Individuals with High-Risk Human Papillomavirus	(71) BEAMTREE PTY. LTD. (21) 2025904303 (22) 16.09.2025 (54) A SYSTEM AND METHOD FOR AUTONOMOUS CLINICAL CODING	(71) Casserly, N. (21) 2025904209 (22) 10.09.2025 (54) Weighted Grip Socks

Provisional Applications Filed - Name Index cont'd

Centenary Institute of Cancer Medicine and Cell Biology see The University of Sydney
(21) 2025904277

(71) Chandramohan, S.
(21) 2025904208 **(22)** 10.09.2025
(54) AI-Powered Educational Feedback Engine with Icon-Based Visualisation, Distributional Diagnostics, and Adaptive Card-Based Revision

(71) Clean Energy and Water Technologies
(21) 2025904211 **(22)** 11.09.2025
(54) Method and system to produce synthetic hydrocarbons using a perpetual Carbon recycling process.

(71) Collins-Corps, D.
(21) 2025904230 **(22)** 11.09.2025
(54) Social Interaction and fund raising for charity

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025904199 **(22)** 10.09.2025
(54) Recombinant human lactoferrin and methods and uses thereof

Commonwealth Scientific and Industrial Research Organisation see Cotton Seed Distributors Ltd.
(21) 2025904236

(71) Cotton Seed Distributors Ltd.; Commonwealth Scientific and Industrial Research Organisation
(21) 2025904236 **(22)** 12.09.2025
(54) Spider mite resistance

(71) Cunningham, M.
(21) 2025904187 **(22)** 09.09.2025
(54) COMPUTATIONAL METHODS AND SYSTEMS FOR AUTOMATED GENERATION AND CONDUCT OF ORAL EXAMINATIONS

(71) DANIEL COLLINGTON READ
(21) 2025904222 **(22)** 11.09.2025
(54) LIGHTER REFILL APPARATUS AND METHOD

(71) Deakin University
(21) 2025904301 **(22)** 16.09.2025
(54) Sericin Extraction

(71) Donaldson, M.
(21) 2025904299 **(22)** 16.09.2025
(54) D3 DAMAGER

(71) Duffy, L.
(21) 2025904219 **(22)** 11.09.2025
(54) Conveyor Belt Splicing Assembly and Method

(71) Dunlop, C.
(21) 2025904206 **(22)** 10.09.2025
(54) TEMPERATURE SENSOR ASSEMBLY FOR A VETERINARY HEATED BREATHING CIRCUIT

(71) Elischer, F.
(21) 2025904239 **(22)** 12.09.2025
(54) Multi-Layer Honeycomb Building Panel System with Selective Agricultural Waste Fill and Superior Agricultural Waste Fill and Superior Dimensional Stability

(71) Ermishin, A.
(21) 2025904238 **(22)** 12.09.2025
(54) System and Method for Solar Panel Cleaning

(71) Fernando, T.
(21) 2025904245 **(22)** 13.09.2025
(54) Universal Brush Cleaning Applicator with Integrated Cleaning Bristle Arrays

(71) Fling High Group
(21) 2025904306 **(22)** 16.09.2025
(54) Inclination-independent centering survey tool

Foster, L. see Angstmann, T.
(21) 2025904212

(71) FRACTALOCK PTY LTD.
(21) 2025904216 **(22)** 11.09.2025
(54) System and Method for Leak-Resilient, Time-Based Management of Digital Secrets and Probabilistic Risk Analysis

(71) Galston Holdings Pty Ltd
(21) 2025904235 **(22)** 12.09.2025
(54) Spray head and assembly thereof

(71) Greater Good Coffee Pty Ltd
(21) 2025904182 **(22)** 09.09.2025
(54) A PROCESS FOR PRODUCING A FERMENTABLE LIQUID EXTRACT FROM BREAD AND MANUFACTURING METHOD THEREFOR

(71) Griffith University
(21) 2025904270 **(22)** 15.09.2025
(54) Cellular bridge production methods

(71) Holdaway, R.
(21) 2025904217 **(22)** 11.09.2025
(54) Wearable Auricular Vagus Nerve Stimulation Device with Low-Frequency Vibrotactile Output

(71) Horse Queened; Horse Queened Pty Ltd.
(21) 2025904292 **(22)** 16.09.2025
(54) Hair Regrowth and Conditioning Composition for Equine Mane and Tail Applications

Horse Queened Pty Ltd. see Horse Queened
(21) 2025904292

(71) Hristovski, S.
(21) 2025904247 **(22)** 13.09.2025
(54) System and Method for AI-Assisted Generation of Building Permit Plans, Compliance Checks, Engineering Integration, and Material Selections

(71) IBT ROBOTIC SYSTEMS GROUP PTY LTD
(21) 2025904263 **(22)** 15.09.2025
(54) AN OPTICAL DRILL RIG ALIGNMENT AND TRAJECTORY SYSTEM

(71) Joel Kligman Pty Limited
(21) 2025904290 **(22)** 16.09.2025
(54) MOUTHGUARD DEVICE

(71) Johnson, N.; Angstmann, T.
(21) 2025904215 **(22)** 11.09.2025
(54) Compositions and Methods for Enhancing Oocyte Quality and IVF Outcomes in Poor Responders Using Antioxidants, Coenzyme Q10, and Preconception Micronutrients

(71) Khatri, M.
(21) 2025904226 **(22)** 11.09.2025
(54) Compact Electrochemical Fertilizer Production System for Smallholders

(71) Li, T.
(21) 2025904249 **(22)** 13.09.2025
(54) CHAINED BACKEND ARCHITECTURE FOR MULTIPLE PROGRAMS IN DIGITAL TRUST INFRASTRUCTURE

(71) Liang, Y.
(21) 2025904198 **(22)** 10.09.2025
(54) This invention relates to a modular power compensation device designed to replace conventional capacitor-based power factor correction in electrical distribution networks. The device comprises an energy storage module, a power conversion system, and a con-

Provisional Applications Filed - Name Index cont'd

troller implementing compensation algorithms. Unlike capacitors, it provides fast dynamic response to load fluctuations, reduces thermal stress on transformers and cables, and extends equipment lifespan. Each unit is rated at approximately 20 kW but scalable by parallel connection. The system maintains a power factor above 0.95 and is suitable

(71) Lock Dog Holdings Pty Ltd
(21) 2025904204 (22) 10.09.2025
(54) A CABLE RETAINING ISOLATION DEVICE

(71) Macdonald, J.
(21) 2025904252 (22) 14.09.2025
(54) Microbubble- and Nanobubble-Assisted Focused Ultrasound for Transient Blood-Brain Barrier Opening and Therapeutic Delivery

(71) Macdonald, J.
(21) 2025904253 (22) 14.09.2025
(54) PET-Guided Magnetic Nanoparticle Delivery with Microbubble- and Nanobubble-Assisted Ultrasound Blood-Brain Barrier Opening

(71) Magee, A.
(21) 2025904251 (22) 13.09.2025
(54) Disposable cup lid with a large oval-shaped drinking spout

(71) Maramba, J.
(21) 2025904218 (22) 11.09.2025
(54) Musical Communication System for Assistive Technology Applications

(71) Marschall, M.
(21) 2025904195 (22) 10.09.2025
(54) An Improved Suspension System

(71) Mason, J.
(21) 2025904246 (22) 13.09.2025
(54) An Assembly for Mounting a Panel on a Substrate

(71) Maxfield, D.
(21) 2025904258 (22) 14.09.2025
(54) Digital Multi-Mineral Ionization dispenser with Selective PPM Control

(71) Mclean, s.
(21) 2025904304 (22) 16.09.2025
(54) "BRANCH" System and Method for Verified Community-Based Childcare and Safety Coordination A digital platform that enables verified parents and caregivers to arrange, schedule, and monitor community-based childcare,

carpooling, and related support services with integrated safety tracking and privacy controls.

(71) Medlock, B.
(21) 2025904274 (22) 15.09.2025
(54) First-AID: A Symbolic Interface Dialect for Cross-Species Communication

Mena, S. see Valerio, T.
(21) 2025904291

(71) Minarvis IP Pty Ltd
(21) 2025904240 (22) 12.09.2025
(54) ORE BODY VISUALISATION SYSTEM

(71) MiTek Australia Ltd
(21) 2025904202 (22) 10.09.2025
(54) A SECURING DEVICE

(71) Monck, G.
(21) 2025904234 (22) 12.09.2025
(54) Folded Provenance Seal for Synthetic Media Authentication

(71) Moore, E.
(21) 2025904267 (22) 15.09.2025
(54) Accolade Brace - Wearable Medal Support System

(71) Multicom Resources Pty Ltd
(21) 2025904272 (22) 15.09.2025
(54) Improved Beneficiation

(71) Multiventure Industries Pty Ltd
(21) 2025904186 (22) 09.09.2025
(54) System and Method for Generational Memory Preservation Using AI-Based Voice Cloning, Avatars, and Semantic Memory Graphs

(71) Murrell, S.
(21) 2025904282 (22) 16.09.2025
(54) Portable Golf Simulation System with a Modular Enclosure, Integrated Player Tracking and Jackpot Challenges.

(71) Neolixir Limited
(21) 2025904224 (22) 11.09.2025
(54) Bacterial Antibiotic Resistance Modification

(71) Neolixir Limited
(21) 2025904225 (22) 11.09.2025
(54) Bacterial Resistance Disruption

(71) Nourish Ingredients Pty Ltd
(21) 2025904220 (22) 11.09.2025
(54) Cells and modified liquid preparations, and uses thereof

(71) NOVO CO PTY LTD
(21) 2025904308 (22) 16.09.2025
(54) Integrated software architecture for real-time speech-based language identification and dynamic interpreter routing within existing communication infrastructures.

(71) NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
(21) 2025904193 (22) 10.09.2025
(54) AIR PUFF DEVICE TO TREAT MEIBOMIAN GLAND DEFICIENCIES

(71) Orica International Pte Ltd
(21) 2025904233 (22) 12.09.2025
(54) DEVICE AND METHOD

(71) Osteo-X Pty Ltd
(21) 2025904284 (22) 16.09.2025
(54) FIXATION ARRANGEMENT FOR INTRAMEDULLARY NAIL

(71) Paciente, E.
(21) 2025904231 (22) 12.09.2025
(54) Lifting Device for Forklift

(71) Peng, H.
(21) 2025904271 (22) 15.09.2025
(54) SYSTEMS AND METHODS FOR BANK-ORIGINATED FRACTIONALIZED REAL ESTATE TRADING ON A REGULATED EXCHANGE WITH DUAL INCOME-AND-EQUITY RAILS

(71) pike, c.
(21) 2025904260 (22) 14.09.2025
(54) A Rod-Based Awning Insertion and Retention System for Sail Track Installation

(71) PillFlow Pty Ltd
(21) 2025904188 (22) 09.09.2025
(54) Medication packing and management system with secure authorisation and hardware-enforced control for dose administration aids

(71) Plunkett, A.
(21) 2025904190 (22) 09.09.2025
(54) Electronic monitoring battery intervention device

Provisional Applications Filed - Name Index cont'd

(71) Pridan, N.
(21) 2025904256 (22) 14.09.2025
(54) Syllabus Drift Tracker for Medical Education: Systems and Methods for Guideline-Driven Curriculum Synchronisation

(71) Psychodynamic Solutions
(21) 2025904259 (22) 14.09.2025
(54) A System and Method for Deterministic Synchronization of a Robotic Swarm through Physical Environmental Interaction with Agent-Deployed Markers and an Adaptive Knowledge Graph

(71) Psychology Network Pty Ltd
(21) 2025904250 (22) 13.09.2025
(54) Method and System for Dynamic Injection of Symbolic Rules into Neural Network Training to Produce Localized and Interpretable Representations

(71) Raj Global Pty Ltd
(21) 2025904283 (22) 16.09.2025
(54) Double-Inclined Monolithic Interlocking Binder-less Construction Block, Assembly Method, and Related Systems.

(71) Randle, G.R.
(21) 2025904294 (22) 16.09.2025
(54) GPU-DIMM — Field-Replaceable Memory-First Computer

(71) Randle, G.R.
(21) 2025904296 (22) 16.09.2025
(54) HBM4 PIM#Turbo Island

(71) Randle, G.R.
(21) 2025904297 (22) 16.09.2025
(54) RAILTILE — INTEGRATED SPECIFICATION

(71) rawlings, a.
(21) 2025904181 (22) 09.09.2025
(54) Product Name: GlowSpray Product Type: Garden Hose Attachment Water Gun Product Description: The GlowSpray is an innovative garden hose attachment that combines the functionalities of a powerful water gun with the convenience of a built-in LED light. Ideal for outdoor watering tasks, the GlowSpray makes watering plants, washing cars, and engaging in water games enjoyable and efficient—day or night.

(71) Razumovskiy, V.
(21) 2025904255 (22) 14.09.2025
(54) Transformable Relief Panel Based on Origami and Kirigami Geometry.

(71) RESMED PTY LTD
(21) 2025904229 (22) 11.09.2025
(54) Earpiece component for positioning and stabilising structure

(71) Richardson, R.
(21) 2025904288 (22) 16.09.2025
(54) System and Method for Micro-Tokenization and Retirement of Carbon Credits Using a Blockchain-Based Overlay

(71) Royal Melbourne Institute of Technology
(21) 2025904221 (22) 11.09.2025
(54) Layered heterostructure assembly, method for making, and uses thereof

(71) S & A Potter Pty Ltd
(21) 2025904289 (22) 16.09.2025
(54) DEVICE FOR HOIST LOAD STABILISATION

(71) Sadler, J.
(21) 2025904257 (22) 14.09.2025
(54) Thermal-Mechanical Energy Storage and Generation System with Combined Electrical and Thermal Outputs

(71) Saluda Medical Pty Limited
(21) 2025904273 (22) 15.09.2025
(54) Methods and systems for programming neural stimulation therapy

(71) Scott Roy Edward Young
(21) 2025904210 (22) 11.09.2025
(54) "Slip-On Noise-Reducing Sleeve for Wheelie Bin Wheels."

(71) Shepherd, J.
(21) 2025904194 (22) 10.09.2025
(54) Shepherd Shearer

(71) Silva Raymundo, V.
(21) 2025904286 (22) 16.09.2025
(54) Wearable Pet Health Monitoring Collar and Integrated Veterinary Health Ecosystem

(71) SKYPORTZ (AUSTRALIA) PTY LTD
(21) 2025904185 (22) 09.09.2025
(54) Vertiport for a flying vehicle with surface modifications

(71) smartworkerstyltd
(21) 2025904237 (22) 12.09.2025
(54) Gamified Virtual Property System Integrated with Professional Networking Platform

(71) Sporting Alliance Pty Ltd
(21) 2025904232 (22) 12.09.2025
(54) Ball Return Apparatus for Hoop Sports

(71) TACTILE SOCIAL GAMING COMPANY PTY LTD
(21) 2025904264 (22) 15.09.2025
(54) Digital boardgame apparatus

(71) Thackray, D.
(21) 2025904278 (22) 15.09.2025
(54) Portable Diesel Heater Duct-Mounted Hot Water System

(71) The Florey Institute of Neuroscience and Mental Health
(21) 2025904268 (22) 15.09.2025
(54) Viral vectors

(71) THE UNIVERSITY OF ADELAIDE
(21) 2025904223 (22) 11.09.2025
(54) Smart Wastewater System

(71) The University of Melbourne
(21) 2025904205 (22) 10.09.2025
(54) A light emitting photodiode and method

(71) The University of Queensland; UniQuest Pty Ltd
(21) 2025904262 (22) 15.09.2025
(54) A wheel system having a pressure release

(71) The University of Sydney
(21) 2025904227 (22) 11.09.2025
(54) Accessible toy and accessible toy system

(71) The University of Sydney; Centenary Institute of Cancer Medicine and Cell Biology
(21) 2025904277 (22) 15.09.2025
(54) Mycobacterial vaccines and uses thereof

(71) THINK TANK INNOVATIONS PTY LTD
(21) 2025904265 (22) 15.09.2025
(54) A SIGNAL INTERRUPTION DEVICE AND METHODS OF USE THEREOF

(71) Tingate, T.
(21) 2025904243 (22) 12.09.2025
(54) System and Methods for Chromatin Geometry Analysis Using Transformer-Based Machine Learning Models Applied to Cell-Free DNA Fragments

Provisional Applications Filed - Name Index cont'd

(71) Trevisan, F.
(21) 2025904305 (22) 16.09.2025
(54) Purpose: Franna steering operates by means of a hydraulic cylinder connected in two places with a bearing on the connecting ends. The outside of the cylinder although it is hard to line up the bearing to install it is accessible, however the inside has very limited space which makes it very hard to replace. This jig Has been designed to self-align the bearing with ease and with minimum down time. You only need to place the bearing in the jig, put it inside the bearing place and do up the retractable stud, the bearing will line itself to the jig and goes in.

(71) Ubaryon Pty Ltd
(21) 2025904200 (22) 10.09.2025
(54) Method of separating uranium from an aqueous solution

UniQuest Pty Ltd see The University of Queensland
(21) 2025904262

(71) Valerio, T.; Mena, S.
(21) 2025904291 (22) 16.09.2025
(54) Light Unit

(71) van Heerden, J.
(21) 2025904248 (22) 13.09.2025
(54) Groomer table with auto vacuum

(71) Velican, Z.
(21) 2025904203 (22) 10.09.2025
(54) A VERSATILE LOUDSPEAKER DRIVER

(71) Vosper, D.
(21) 2025904287 (22) 16.09.2025
(54) A system that integrates multiple data-sets to predict gold-bearing locations. The method produces ranked outputs identifying high-probability targets for field use. Outputs may be delivered via software interface, GPS-compatible formats, detector integration (e.g., directional arrow guidance), or as a sealed "black box" module for use with prospecting devices.

(71) VReal Labs Pty Ltd
(21) 2025904295 (22) 16.09.2025
(54) METHOD AND SYSTEM FOR AUTHENTICATION OF GENERATED CONTENT

(71) Wang, Q.
(21) 2025904192 (22) 10.09.2025
(54) Flat folding umbrella

(71) Williams, A.
(21) 2025904254 (22) 14.09.2025
(54) SYSTEM, METHOD, DEVICE, AND PROGRAM FOR SIMPLIFIED COMMUNICATION

(71) Woods, K.
(21) 2025904201 (22) 10.09.2025
(54) Spin Glow: sensory light device with push-to-activate knob and programmable LED modes for therapeutic purposes /use

(71) Wyuna Ventures Pty Ltd
(21) 2025904196 (22) 10.09.2025
(54) Decentralised Digital Vehicle Identity System and Method

(71) Zhao, H.
(21) 2025904269 (22) 15.09.2025
(54) METHOD AND APPARATUS FOR PROTECTING DATA SECURITY IN DIGITAL PLATFORMS

(71) Zhao, H.
(21) 2025904293 (22) 16.09.2025
(54) A SELF-AID TOURNIQUET AND A UNIFORM HAVING THE TOURNIQUET

Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd. see NTHALMIC HOLDING PTY LTD
(21) 2025904193

(71) Zulaikha, J.
(21) 2025904285 (22) 16.09.2025
(54) Hybuoy: Modular U-Cycle Hydropneumatic Energy Generation System

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2025904245	Fernando, T.		
2025904246	Mason, J.		
2025904247	Hristovski, S.		
2025904248	van Heerden, J.		
2025904249	Li, T.		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 9 Sep 2025 .

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

(71) 151 Products Limited (21) 2025230726 (22) 11.09.2025 (54) A fluid dispensing element	(71) Angel Group Co., Ltd. (21) 2025230809 (22) 15.09.2025 (54) Game token money, method of manufacturing game token money, and inspection system	(71) AstraZeneca AB (21) 2025230794 (22) 12.09.2025 (54) STABLE, AQUEOUS ANTIBODY FORMULATIONS
(71) 3KM PTE. LTD. (21) 2025230722 (22) 11.09.2025 (54) AXLE COMPONENTS AND VEHICLES	(71) Antal S.r.l. (21) 2025230775 (22) 12.09.2025 (54) HANDLE FOR WINCHES AND THE LIKE	(71) Augmodo Inc. (21) 2025230708 (22) 10.09.2025 (54) Wearable device for analytics data collection
(71) ABUS August Bremicker Söhne KG (21) 2025230760 (22) 12.09.2025 (54) PRESENTATION ARRANGEMENT WITH A PACKAGING FOR PRESENTING AT LEAST ONE PADLOCK	(71) Antal S.r.l. (21) 2025230783 (22) 12.09.2025 (54) Block with a Textile Axle	(71) Axsome Therapeutics, Inc. (21) 2025230695 (22) 10.09.2025 (54) PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM
(71) Acceleron Pharma Inc. (21) 2025230744 (22) 11.09.2025 (54) ActRII-ALK4 antagonists and methods of treating heart failure	(71) Antecip Bioventures II LLC (21) 2025230795 (22) 12.09.2025 (54) COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN	(71) b.box for kids developments Pty Ltd (21) 2025230820 (22) 15.09.2025 (54) A Load-Bearing Cord or Strap
(71) Achinibahjeechin Intellectual Property, LLC (21) 2025230732 (22) 11.09.2025 (54) 2020225222	(71) Apple Inc. (21) 2025230781 (22) 12.09.2025 (54) Wireless earbuds	(71) B & K Mining Pty Ltd (21) 2025230812 (22) 15.09.2025 (54) GROUTING ASSEMBLY AND METHOD
(71) Adama Australia Pty Limited (21) 2025230800 (22) 12.09.2025 (54) Highly Loaded Suspension Concentrates	(71) Applied Medical Resources Corporation (21) 2025230687 (22) 10.09.2025 (54) Residual stress features in organ models	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025230712 (22) 10.09.2025 (54) Image encoding/decoding method and device
(71) Alpha Tau Medical Ltd. (21) 2025230719 (22) 11.09.2025 (54) Intratumoral alpha-emitter radiation and activation of cytoplasmatic sensors for intracellular pathogen	(71) Applied Medical Resources Corporation (21) 2025230709 (22) 10.09.2025 (54) Insufflation stabilization system	(71) Baace Products NZ Limited (21) 2025230838 (22) 16.09.2025 (54) FISHING TOOL
(71) Amgen Inc. (21) 2025230830 (22) 15.09.2025 (54) Torque driven drug delivery device	(71) APPTION LABS LIMITED (21) 2025230824 (22) 15.09.2025 (54) TEMPERATURE SENSING DEVICES AND WIRELESS COMMUNICATION IMPROVEMENTS FOR COOKING APPLIANCES	(71) Beam Alpha, Inc. (21) 2025230723 (22) 11.09.2025 (54) Direct nuclear power conversion
(71) Angel Group Co., Ltd. (21) 2025230676 (22) 10.09.2025 (54) Management system of gaming chips and storage box	(71) Ascendis Pharma Growth Disorders A/S (21) 2025230731 (22) 11.09.2025 (54) Controlled-release CNP agonists with reduced side-effects	(71) BELL LABORATORIES LLC (21) 2025230706 (22) 10.09.2025 (54) SENSOR MODULE AND RODENT CONTROL DEVICE
(71) Angel Group Co., Ltd. (21) 2025230677 (22) 10.09.2025 (54) System for counting number of game tokens	(71) ASC Engineered Solutions, LLC (21) 2025230777 (22) 12.09.2025 (54) Pre-assembled coupling assembly with flexible hose adapter	(71) BLADE FITNESS PTY LTD (21) 2025230674 (22) 10.09.2025 (54) 1. Fresh Produce ice Fruits: oranges, apples, pineapples, bananas, mangoes, berries, melons, grapes, lemons, limes Vegetables: spinach, kale, celery, cucumber, beetroot, carrots, ginger,

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turmeric 2. Liquids & Bases Coconut water Almond / soy / oat milk Filtered water Ice 3. Boosters & Add-ons Protein powders (whey/plant-based) Chia seeds, flax seeds Spirulina, matcha, maca Honey, agave, stevia 4. Packaging & Consumables Cups (12oz, 16oz, 20oz) Lids & straws (eco-friendly if possible) Napkins Carry trays 5. Equipment & Supplies Juicers.ice cream Blenders

(71) BOSSELON
(21) 2025230718 (22) 11.09.2025
(54) Wolf Single Use Syringe S.U.S

(71) Boston Scientific Scimed, Inc.
(21) 2025234129 (22) 16.09.2025
(54) Fluid control system for an implantable inflatable device

(71) Boyle, N.
(21) 2025234147 (22) 16.09.2025
(54) APPARATUS, METHODS AND SYSTEMS FOR FOOD WASTE RECYCLING

(71) BYD COMPANY LIMITED
(21) 2025230833 (22) 15.09.2025
(54) BRAKE CALIPER AND VEHICLE HAVING THE SAME

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
(21) 2025230724 (22) 11.09.2025
(54) Slidable current collector and method for contacting conductor rail

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(21) 2025230798 (22) 12.09.2025
(54) METHOD FOR DETERMINING ROOF PRE-SPLITTING DRILLING PARAMETERS FOR PREVENTING ROCK-BURST IN WORKING FACE

(71) CHIU, Y.
(21) 2025234154 (22) 16.09.2025
(54) MULTI-POSTURE SUPPORT STRUCTURE

(71) CloudBlue LLC
(21) 2025230685 (22) 10.09.2025
(54) APS DATA COLLECTION AND MODIFICATION SYSTEM AND METHOD FOR ANALYTICS

(71) Colgate-Palmolive Company
(21) 2025230768 (22) 12.09.2025
(54) Oral treatment device and related methods

(71) Dacanay, R.G.
(21) 2025230725 (22) 11.09.2025
(54) Vascular access devices with integrated safety features

(71) Deere & Company
(21) 2025230823 (22) 15.09.2025
(54) System and method for visually representing subterranean objects of interest in a field of view display for a work area

(71) Deere & Company
(21) 2025230827 (22) 15.09.2025
(54) Row unit linkage assembly and method

(71) DePuy Synthes Products, Inc.
(21) 2025230791 (22) 12.09.2025
(54) Systems and methods for coupling navigation markers to an array

(71) Diehl Metering S.A.S.
(21) 2025230793 (22) 12.09.2025
(54) Oscillating-piston flowmeter chamber and meter comprising such a chamber

(71) Eaton Intelligent Power Limited
(21) 2025230761 (22) 12.09.2025
(54) ENERGY HARVESTING MODULE

(71) Eire Total Access Pty Ltd
(21) 2025230831 (22) 15.09.2025
(54) ACCESS SYSTEM

(71) Eli Lilly and Company
(21) 2025230701 (22) 10.09.2025
(54) Medication delivery device with dose button

ET Intellectual Property see Rearden, LLC
(21) 2025230741

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025230697 (22) 10.09.2025
(54) IMPELLER AND MOTOR ASSEMBLY

(71) Flexxi Beauty Pty Ltd
(21) 2025230692 (22) 10.09.2025
(54) Disability cosmetics brush

GammaDelta Therapeutics Limited see King's College London
(21) 2025230679

(71) Gavrieli Brands, LLC
(21) 2025230808 (22) 15.09.2025
(54) SPLIT-SOLE FOOTWEAR

(71) Genelec Oy
(21) 2025230735 (22) 11.09.2025
(54) A system comprising a passive headphone and an audio controller, and a method for calibrating a passive headphone

(71) Gilead Sciences, Inc.
(21) 2025230682 (22) 10.09.2025
(54) Antibodies and fusion proteins that bind to CCR8 and uses thereof

(71) GILEAD SCIENCES, INC.
(21) 2025230749 (22) 11.09.2025
(54) Tetracyclic compounds and methods for the treatment of zika virus infection

(71) Granville Biomedical Inc.
(21) 2025234156 (22) 16.09.2025
(54) TRAINING APPARATUS FOR SIMULATING A PELVIC EXAMINATION

(71) Grip Holdings LLC
(21) 2025230763 (22) 12.09.2025
(54) Anti-slip fastener remover tool

(71) H.W. LANDELLS PTY LTD
(21) 2025230670 (22) 09.09.2025
(54) SIGNAGE

(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 2025230727 (22) 11.09.2025
(54) CONTROLLED ACTUATION OF A REACTIVE METAL

(71) HANMI PHARM. CO., LTD.
(21) 2025230813 (22) 15.09.2025
(54) Novel triple GLP-1/GIP/glucagon receptor agonist and a pharmaceutical composition for preventing or treating obesity comprising the same

(71) Heckler & Koch GmbH
(21) 2025230699 (22) 10.09.2025
(54) Sonic Signature Suppressor For Firearms And Firearm Equipped With Such

(71) HEUNG RIM SYDNEY PTY LTD
(21) 2025230730 (22) 11.09.2025
(54) Lightweight chassis structure for semi-trailers and method of manufacture

(71) HKS Dreh-Antriebe GmbH
(21) 2025230758 (22) 11.09.2025
(54) Device for Conducting Hydraulic Fluid

(71) Hoffman Technologies LLC
(21) 2025234130 (22) 16.09.2025

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(54) COMPOSITIONS AND METHODS FOR TREATING ANXIETY-RELATED DISORDERS

(71) HONEYWELL INTERNATIONAL INC.
(21) 2025230740 (22) 11.09.2025
(54) VIRTUAL NETWORK GATEWAY

(71) HONEYWELL INTERNATIONAL INC.
(21) 2025230790 (22) 12.09.2025
(54) HEAT EXCHANGER ASSEMBLIES FOR PHASE CHANGE MATERIAL

(71) HONEYWELL INTERNATIONAL INC.
(21) 2025234148 (22) 16.09.2025
(54) Storage appliance for controller platforms

(71) Hoteck Inc.
(21) 2025234138 (22) 16.09.2025
(54) Ceiling fan lamp quick assembly structure

(71) Hugel Inc.
(21) 2025230774 (22) 12.09.2025
(54) Cell-based method for determining botulinum toxin activity

(71) IDAMCO IP PTY LTD
(21) 2025230743 (22) 11.09.2025
(54) A Floor, Side Walls & End Walls for Cane Bins

(71) IDAMCO IP PTY LTD
(21) 2025230745 (22) 11.09.2025
(54) Cane Bin Lifting System

(71) Illinois Tool Works Inc.
(21) 2025230747 (22) 11.09.2025
(54) Rebate formwork system for slip form casting

(71) Illinois Tool Works Inc.
(21) 2025230832 (22) 15.09.2025
(54) Threaded reinforcing bar

(71) Illinois Tool Works Inc.
(21) 2025234133 (22) 16.09.2025
(54) Bracket

(71) ImmunityBio, Inc.
(21) 2025230716 (22) 10.09.2025
(54) Elimination of PD-L1-positive malignancies by PD-L1 chimeric antigen receptor-expressing NK cells

(71) Ingram Micro Inc.
(21) 2025230786 (22) 12.09.2025

(54) SYSTEMS AND METHODS FOR AUTOMATING EMAIL TO ORDER USING GENERATIVE ARTIFICIAL INTELLIGENCE (AI)

(71) Inhibrx Biosciences, Inc.
(21) 2025230680 (22) 10.09.2025
(54) OX40-binding polypeptides and uses thereof

(71) Innovative Integrated Technologies, LLC
(21) 2025230688 (22) 10.09.2025
(54) Eye safe diverged beam optical wireless communications system

(71) Intervet International B.V.
(21) 2025230686 (22) 10.09.2025
(54) Feline leukemia virus vaccine

(71) IRAZUSTABARRENA MURGUIONDO, I.
(21) 2025230822 (22) 15.09.2025
(54) Improved Removable Profile Fastening and Insulation System

(71) Janssen Biotech, Inc.
(21) 2025230668 (22) 09.09.2025
(54) Methods of treating high risk multiple myeloma

(71) JTL Enterprises, Inc.
(21) 2025230750 (22) 11.09.2025
(54) Apparatus For Dry Hydro-Therapy Massage In A Reclined Position

(71) JTL Enterprises, Inc.
(21) 2025230752 (22) 11.09.2025
(54) Apparatus For Dry Hydro-Therapy Massage In A Reclined Position

(71) Kazuyoshi Suzuki
(21) 2025230721 (22) 11.09.2025
(54) Air turbine, dental handpiece, and boost adapter

(71) King's College London; GammaDelta Therapeutics Limited
(21) 2025230679 (22) 10.09.2025
(54) Expansion of gamma delta T cells, compositions, and methods of use thereof

Kingfa Sci. & Tech. Co., Ltd. see Shanghai Kingfa SCI.& Tech.dvpt. Co., Ltd.
(21) 2025230825

(71) KISS TECH PTY LTD
(21) 2025230684 (22) 10.09.2025

(54) An apparatus for handling loose material

(71) Kosev-Lex, J.
(21) 2025230801 (22) 12.09.2025
(54) Nyreth: An Evolutionary Framework and Recursive Symbolic Cognitive Substrate for Advanced Reasoning in Artificial Intelligence – Systems and methods for computer implemented synthetic cognition using tensor encoded glyphs, resonance weighted traversal and symbolic memory networks.

(71) Krishnan Nair, H.
(21) 2025230787 (22) 12.09.2025
(54) A packaging laminate

(71) Laboratoire Français du Fractionnement et des Biotechnologies
(21) 2025230675 (22) 10.09.2025
(54) Variants with Fc fragment having an increased affinity for FcRn and an increased affinity for at least one receptor of the Fc fragment

(71) Laboratoire Reaction Dynamics Inc.
(21) 2025230789 (22) 12.09.2025
(54) Rocket engines

(71) Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services
(21) 2025230694 (22) 10.09.2025
(54) COMPOSITIONS AND METHODS FOR TREATING CANCER WITH ANTI-CD22 IMMUNOTHERAPY

(71) LG Electronics Inc.
(21) 2025230704 (22) 10.09.2025
(54) Stack-type laundry treating apparatus

(71) Liang, Y.
(21) 2025230814 (22) 15.09.2025
(54) This invention relates to a real-time audio synchronization system that allows speech, music, or other sound signals to be transmitted simultaneously across multiple independent devices, including smartphones, tablets, computers, smart speakers, and web browsers. By generating synchronized playback, the system creates the effect of a unified loudspeaker environment. The solution may also be extended to conference systems, live streaming platforms, and Bluetooth-enabled devices for seamless group listening.

(71) Liang, Y.
(21) 2025230816 (22) 15.09.2025

Complete Applications Filed - Name Index cont'd

(54) A check-in system combining location verification and time-based payment, enabling users to confirm arrival at a specific location, automatically activate a timing function, and trigger payment based on attendance or duration. The system applies to education, workforce attendance, logistics verification, public services, commercial advertising, and tourism promotion, with anti-tampering records and automatic settlement features, representing a novel platform for advertising and payment

Liaoning Kingfa Biomaterial Co., Ltd. see Shanghai Kingfa SCI.& Tech.dvpt. Co., Ltd.
(21) 2025230825

(71) Liebherr Mining Equipment Newport News Co.
(21) 2025230711 (22) 10.09.2025
(54) A device for inserting and/or removing a power unit

(71) LINEAGE LOGISTICS, LLC
(21) 2025230834 (22) 15.09.2025
(54) SYSTEM AND METHODS FOR DETERMINING PICK AISLE ARRANGEMENTS

(71) Longi Green Energy Technology Co., Ltd.
(21) 2025230714 (22) 10.09.2025
(54) Back Contact Solar Cell And Photovoltaic Module

(71) MAKO Surgical Corp.
(21) 2025230828 (22) 15.09.2025
(54) Systems and methods for robotic soft tissue evaluation

(71) Manitou Italia S.r.l.
(21) 2025230810 (22) 15.09.2025
(54) Improved electric telehandler

(71) Manufacturing Resources International, Inc.
(21) 2025234136 (22) 16.09.2025
(54) Forced air cooling for display assemblies

(71) Marjanovic Family Trust; Paradigm Effect Pty Ltd
(21) 2025230811 (22) 15.09.2025
(54) PhatLocks

(71) Matorthio Limited
(21) 2025230779 (22) 12.09.2025
(54) Improvements In Or Relating To Ceramic Femoral Resurfacing Head Prosthesis

McKay, A.A.C. see Pettitt, D.R.
(21) 2025230707

(71) Miles, S.
(21) 2025230746 (22) 11.09.2025
(54) ELEVATING STORAGE APPARATUS FOR STORING OR MOVING ITEMS

(71) Ming Shin Tools Co., Ltd.
(21) 2025230720 (22) 11.09.2025
(54) Hand tool and method for manufacturing the same

(71) Mizuho Orthopedic Systems, Inc.
(21) 2025234140 (22) 16.09.2025
(54) SYSTEMS AND DEVICES FOR PROVIDING LIFT ASSISTANCE FOR A SURGICAL PROCEDURE

(71) MKPRO ENGINEERING PTY LTD
(21) 2025230766 (22) 12.09.2025
(54) IntoxiSense: A Portable Framework for Substance Detection and Cognitive Impairment Analysis

(71) N.S. Oils Ltd.
(21) 2025230784 (22) 12.09.2025
(54) Compositions comprising thymoquinone and additional biologically active compounds

National University Corporation Hokkaido University see Shin-Etsu Chemical Co., Ltd.
(21) 2025230698

(71) NINGBO YITAI PLASTIC RUBBER VACUUM FORMING CO., LTD
(21) 2025230776 (22) 12.09.2025
(54) WATER HOSE

(71) Nsofwa, A.
(21) 2025230717 (22) 10.09.2025
(54) Tru Dignity Urine Collector for people with dementia or disabilities.

(71) Oticon Medical A/S
(21) 2025230713 (22) 10.09.2025
(54) Implantable Medical Device Comprising a Wireless Transcutaneous Link

(71) Oticon Medical A/S
(21) 2025230715 (22) 10.09.2025
(54) An Antenna Configuration for a Hearing Aid System

(71) Owens-Brockway Glass Container Inc.
(21) 2025230765 (22) 12.09.2025
(54) Glass container with ring pull cap rim

(71) Panasonic Intellectual Property Corporation of America
(21) 2025230785 (22) 12.09.2025
(54) ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD

Paradigm Effect Pty Ltd see Marjanovic Family Trust
(21) 2025230811

(71) Paragon 28, Inc.
(21) 2025230681 (22) 10.09.2025
(54) SOFT TISSUE IMPLANT SYSTEMS, INSTRUMENTS AND RELATED METHODS

(71) Pettitt, D.R.; Tessier, T.R.; McKay, A.A.C.
(21) 2025230707 (22) 10.09.2025
(54) System and Method for Determining Direction of a Radio Frequency Signal

(71) PIPELINE MEDICAL TECHNOLOGIES, INC.
(21) 2025230799 (22) 12.09.2025
(54) Pericardial anchoring system

(71) Polaris IP Pty Ltd
(21) 2025230803 (22) 12.09.2025
(54) Hinge

(71) PROSCIA INC.
(21) 2025230736 (22) 11.09.2025
(54) Systems and Methods of Generating Medical Concordance Scores

(71) QuiX Quantum B.V.
(21) 2025230739 (22) 11.09.2025
(54) Coupler for a TriPlex waveguide

(71) QuiX Quantum B.V.
(21) 2025230819 (22) 15.09.2025
(54) Improved optical routing and networking using multi-layer optical circuits

(71) Ranasinha, S.
(21) 2025230690 (22) 10.09.2025
(54) Gestational Weight Gain Prediction System

(71) Rearden, LLC; ET Intellectual Property
(21) 2025230741 (22) 11.09.2025
(54) SYSTEMS AND METHODS FOR RADIO FREQUENCY CALIBRATION EXPLOITING CHANNEL RECIPROCITY IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS

Complete Applications Filed - Name Index cont'd

(71) Renibus Therapeutics, Inc.
(21) 2025230678 (22) 10.09.2025
(54) Novel iron compositions and methods of making and using the same

Reynolds, N. see REYNOLDS, K.
(21) 2025234137

(71) REYNOLDS, K.; Reynolds, N.
(21) 2025234137 (22) 16.09.2025
(54) CAVEBUN

(71) Rightplacement Pty Ltd
(21) 2025230757 (22) 11.09.2025
(54) A SYSTEM AND METHOD FOR GENERATING PRODUCER DATA AND FOR PLANNING BASED THEREON

(71) Ross, G.
(21) 2025230673 (22) 09.09.2025
(54) An Eco System Problem

(71) ROY, J.
(21) 2025230806 (22) 14.09.2025
(54) WAREHOUSE-BASED BATTERY ENERGY STORAGE SYSTEM WITH ROBOTIC HANDLING AND ENVIRONMENTAL PROTECTION

(71) SAP SE
(21) 2025230767 (22) 12.09.2025
(54) Storage-agnostic semantic artifact in cloud-based data warehousing environment

(71) SCANTECH OFFSHORE LIMITED
(21) 2025230733 (22) 11.09.2025
(54) Air Compressor

(71) Scientific Games, LLC
(21) 2025230778 (22) 12.09.2025
(54) System and method to implement a lottery game with incentives for players to spend lottery winnings at specified third party retail vendors

(71) Scientific Games, LLC
(21) 2025234153 (22) 16.09.2025
(54) System and method to enable cashless redemption of lottery tickets by players in a lottery game

(71) Seminis Vegetable Seeds, Inc.
(21) 2025230702 (22) 10.09.2025
(54) Pepper line SBR-XZ22-0327

(71) Shanghai Kingfa SCI.& Tech.dvpt. Co., Ltd.; Kingfa Sci. & Tech. Co., Ltd.; Liaoning Kingfa Biomaterial Co., Ltd.
(21) 2025230825 (22) 15.09.2025
(54) POLYMER ADDITIVE, AND PREPARATION METHOD AND USE THEREOF

(71) SHENZHEN AIPER INTELLIGENT CO., LTD.
(21) 2025230796 (22) 12.09.2025
(54) Water Surface Cleaning Robot

(71) Shin-Etsu Chemical Co., Ltd.; Shin-Etsu Engineering Co., Ltd.; National University Corporation Hokkaido University
(21) 2025230698 (22) 10.09.2025
(54) Continuous flow microfluidic system and method for producing self-assembled substance particles

Shin-Etsu Engineering Co., Ltd. see Shin-Etsu Chemical Co., Ltd.
(21) 2025230698

(71) SI-BONE, Inc.
(21) 2025230762 (22) 12.09.2025
(54) BONE STABILIZING IMPLANTS AND METHODS OF PLACEMENT ACROSS SI JOINTS

(71) Spotech Co., Ltd.
(21) 2025230703 (22) 10.09.2025
(54) Exercise Equipment

(71) Surelock McGill Limited
(21) 2025230817 (22) 15.09.2025
(54) Door Seal

(71) Syngenta Crop Protection AG
(21) 2025230829 (22) 15.09.2025
(54) COMPOSITIONS AND METHODS FOR PROTEIN DETECTION

(71) Takeda Pharmaceutical Company Limited
(21) 2025230807 (22) 15.09.2025
(54) Plasma kallikrein inhibitors and uses thereof for treating hereditary angioedema attack

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(21) 2025230771 (22) 12.09.2025
(54) INTERMITTENT COVERAGE IN A NON-TERRESTRIAL NETWORK

(71) Tempus AI, Inc.
(21) 2025230826 (22) 15.09.2025
(54) Transcriptome Deconvolution Of Metastatic Tissue Samples

(71) Tencent America LLC
(21) 2025230667 (22) 09.09.2025
(54) Method for parameter set reference in coded video stream

Tessier, T.R. see Pettitt, D.R.
(21) 2025230707

(71) Tetrus, Inc.
(21) 2025230728 (22) 11.09.2025
(54) Demineralized bone fiber implant composition for cartilage repair

(71) The Brigham and Women's Hospital, Inc.
(21) 2025230729 (22) 11.09.2025
(54) Methods and compositions for treating sleep apnea

(71) The General Hospital Corporation
(21) 2025230700 (22) 10.09.2025
(54) COMPOSITIONS AND METHODS FOR IMPROVING MITOCHONDRIAL FUNCTION

(71) The NOCO Company
(21) 2025230754 (22) 11.09.2025
(54) Battery charging device for charging a deeply discharged battery, and battery charging system and method

(71) THE NOCO COMPANY
(21) 2025230821 (22) 15.09.2025
(54) Electric vehicle (EV) fast charge station and system

(71) The Trustees of the University of Pennsylvania
(21) 2025230665 (22) 09.09.2025
(54) Compositions and methods for degradation of misfolded proteins

The U.S.A., as represented by the Secretary, Department of Health and Human Services see Lentigen Technology, Inc.
(21) 2025230694

The USA, as represented by the Secretary, Department of Health and Human Services see University of Washington
(21) 2025230782

(71) Tongji University
(21) 2025230691 (22) 10.09.2025
(54) Method for Preparing Medium-Chain Fatty Acids (MCFAs) Based on Carbon Dioxide Regulation

Complete Applications Filed - Name Index cont'd

(71) truRating Limited
(21) 2025230837 (22) 16.09.2025
(54) Improved system for collecting customer ratings from a pin entry device

(71) Umano Medical Inc.
(21) 2025230835 (22) 15.09.2025
(54) Displacement mechanism for an upper body deck section of a patient support apparatus.

(71) Unique Properties QLD Pty Ltd
(21) 2025230805 (22) 13.09.2025
(54) Integrated Ligature System for Reinforcement and HD Bolt Alignment

(71) University of Florida Research Foundation, Incorporated
(21) 2025230804 (22) 13.09.2025
(54) IL-1Ra cDNAs

(71) University of Iowa Research Foundation
(21) 2025230689 (22) 10.09.2025
(54) Structural optimization method to improve the theranostic performance of peptide receptor-targeted radionuclide therapy for cancers

(71) University of Washington; The USA, as represented by the Secretary, Department of Health and Human Services
(21) 2025230782 (22) 12.09.2025
(54) Nanoparticle-based influenza virus vaccines and uses thereof

(71) UPL Limited
(21) 2025230815 (22) 15.09.2025
(54) HERBICIDE

(71) Vandergulik, S.
(21) 2025230683 (22) 10.09.2025
(54) AN EXPANDABLE MODULAR BUILDING STRUCTURE AND METHOD OF USE THEREOF

(71) Vaxxas Pty Ltd
(21) 2025230772 (22) 12.09.2025
(54) Differential coating of microprojections and microneedles on arrays

(71) Veravas, Inc.
(21) 2025230780 (22) 12.09.2025
(54) METHOD FOR DETECTING BIO-MARKERS

(71) VirTech Bio, Inc.
(21) 2025230792 (22) 12.09.2025
(54) Oxygenation media for ex-vivo preservation of organs and tissues

(71) WAE Technologies Australia Pty Ltd
(21) 2025230664 (22) 09.09.2025
(54) End effector for autonomous electric vehicle charging

(71) Weihoenig, J.
(21) 2025230672 (22) 09.09.2025
(54) SANDING TOOL

(71) WitKang Zhiyuan Medical Devices (Xi'an) Co., Ltd.
(21) 2025230797 (22) 12.09.2025
(54) IMPLANTABLE RECOMBINANT COLLAGEN MICROPARTICLE AND PREPARATION METHOD THEREFOR

(71) WitKang Zhiyuan Medical Devices (Xi'an) Co., Ltd.
(21) 2025230836 (22) 16.09.2025
(54) CORALLINE HYDROXYAPATITE AND PREPARATION METHOD AND USE THEREOF

(71) WONDERLAND SWITZERLAND AG
(21) 2025230693 (22) 10.09.2025
(54) Dining Chair

(71) Xactware Solutions, Inc.
(21) 2025230742 (22) 11.09.2025
(54) System and method for detecting features in aerial images using disparity mapping and segmentation techniques

(71) Xactware Solutions, Inc.
(21) 2025230748 (22) 11.09.2025
(54) System and method for detecting features in aerial images using disparity mapping and segmentation techniques

(71) XGrip Technology Co., Ltd
(21) 2025230802 (22) 12.09.2025
(54) AWNING WITH RETRACTABLE ARMS

(71) Zhao, Z.
(21) 2025234135 (22) 16.09.2025
(54) A HANDHELD INDUSTRIAL VACUUM DEVICE FOR SUCTIONING AND REMOVING DEBRIS OR DUST FROM NARROW AREAS

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2025230664	WAE Technologies Australia Pty Ltd	2025230732	Achinibahjeechin Intellectual Property, LLC
2025230665	The Trustees of the University of Pennsylvania	2025230733	SCANTECH OFFSHORE LIMITED
2025230667	Tencent America LLC	2025230735	Genelec Oy
2025230668	Janssen Biotech, Inc.	2025230736	PROSCIA INC.
2025230670	H.W. LANDELLS PTY LTD	2025230739	QuiX Quantum B.V.
2025230672	Weihoenig, J.	2025230740	HONEYWELL INTERNATIONAL INC.
2025230673	Ross, G.	2025230741	Rearden, LLC; ET Intellectual Property
2025230674	BLADE FITNESS PTY LTD	2025230742	Xactware Solutions, Inc.
2025230675	Laboratoire Français du Fractionnement et des Biotechnologies	2025230743	IDAMCO IP PTY LTD
2025230676	Angel Group Co., Ltd.	2025230744	Acceleron Pharma Inc.
2025230677	Angel Group Co., Ltd.	2025230745	IDAMCO IP PTY LTD
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2025230679	King's College London; GammaDelta Therapeutics Limited	2025230747	Illinois Tool Works Inc.
2025230680	Inhibrx Biosciences, Inc.	2025230748	Xactware Solutions, Inc.
2025230681	Paragon 28, Inc.	2025230749	GILEAD SCIENCES, INC.
2025230682	Gilead Sciences, Inc.	2025230750	JTL Enterprises, Inc.
2025230683	Vandergulik, S.	2025230752	JTL Enterprises, Inc.
2025230684	KISS TECH PTY LTD	2025230754	The NOCO Company
2025230685	CloudBlue LLC	2025230757	Rightplacement Pty Ltd
2025230686	Intervet International B.V.	2025230758	HKS Dreh-Antriebe GmbH
2025230687	Applied Medical Resources Corporation	2025230760	ABUS August Bremicker Söhne KG
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2025230689	University of Iowa Research Foundation	2025230762	SI-BONE, Inc.
2025230690	Ranasinha, S.	2025230763	Grip Holdings LLC
2025230691	Tongji University	2025230765	Owens-Brockway Glass Container Inc.
2025230692	Flexxi Beauty Pty Ltd	2025230766	MKPRO ENGINEERING PTY LTD
2025230693	WONDERLAND SWITZERLAND AG	2025230767	SAP SE
2025230694	Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services	2025230768	Colgate-Palmolive Company
2025230695	Axsome Therapeutics, Inc.	2025230771	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2025230697	FISHER & PAYKEL HEALTHCARE LIMITED	2025230772	Vaxxas Pty Ltd
2025230698	Shin-Etsu Chemical Co., Ltd.; Shin-Etsu Engineering Co., Ltd.; National University Corporation Hokkaido University	2025230774	Hugel Inc.
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2025230701	Eli Lilly and Company	2025230777	ASC Engineered Solutions, LLC
2025230702	Seminis Vegetable Seeds, Inc.	2025230778	Scientific Games, LLC
2025230703	Spochee Co., Ltd.	2025230779	Matortho Limited
2025230704	LG Electronics Inc.	2025230780	Veravas, Inc.
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2025230707	Pettitt, D.R.; Tessier, T.R.; McKay, A.A.C.	2025230782	University of Washington; The USA, as represented by the Secretary, Department of Health and Human Services
2025230708	Augmodo Inc.	2025230783	Antal S.r.l.
2025230709	Applied Medical Resources Corporation	2025230784	N.S. Oils Ltd.
2025230711	Liebherr Mining Equipment Newport News Co.	2025230785	Panasonic Intellectual Property Corporation of America
2025230712	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2025230786	Ingram Micro Inc.
2025230713	Oticon Medical A/S	2025230787	Krishnan Nair, H.
2025230714	Longi Green Energy Technology Co., Ltd.	2025230789	Laboratoire Reaction Dynamics Inc.
2025230715	Oticon Medical A/S	2025230790	HONEYWELL INTERNATIONAL INC.
2025230716	ImmunityBio, Inc.	2025230791	DePuy Synthes Products, Inc.
2025230717	Nsofwa, A.	2025230792	VirTech Bio, Inc.
2025230718	BOSSELON	2025230793	Diehl Metering S.A.S.
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2025230720	Ming Shin Tools Co., Ltd.	2025230795	Antecip Bioventures II LLC
2025230721	Kazuyoshi Suzuki	2025230796	SHENZHEN AIPER INTELLIGENT CO., LTD.
2025230722	3KM PTE. LTD.	2025230797	WitKang Zhiyuan Medical Devices (Xi'an) Co., Ltd.
2025230723	Beam Alpha, Inc.	2025230798	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2025230724	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2025230799	PIPELINE MEDICAL TECHNOLOGIES, INC.
2025230725	Dacanay, R.G.	2025230800	Adama Australia Pty Limited
2025230726	151 Products Limited	2025230801	Kosev-Lex, J.
2025230727	HALLIBURTON ENERGY SERVICES, INC.	2025230802	XGrip Technology Co., Ltd
2025230728	Tetrous, Inc.	2025230803	Polaris IP Pty Ltd
2025230729	The Brigham and Women's Hospital, Inc.	2025230804	University of Florida Research Foundation, Incorporated
2025230730	HEUNG RIM SYDNEY PTY LTD	2025230805	Unique Properties QLD Pty Ltd
2025230731	Ascendis Pharma Growth Disorders A/S	2025230806	ROY, J.
		2025230807	Takeda Pharmaceutical Company Limited
		2025230808	Gavrieli Brands, LLC

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2025230809	Angel Group Co., Ltd.
2025230810	Manitou Italia S.r.l.
2025230811	Marjanovic Family Trust; Paradigm Effect Pty Ltd
2025230812	B & K Mining Pty Ltd
2025230813	HANMI PHARM. CO., LTD.
2025230814	Liang, Y.
2025230815	UPL Limited
2025230816	Liang, Y.
2025230817	Surelock McGill Limited
2025230819	QuiX Quantum B.V.
2025230820	b.box for kids developments Pty Ltd
2025230821	THE NOCO COMPANY
2025230822	IRAZUSTABARRENA MURGUIONDO, I.
2025230823	Deere & Company
2025230824	APPTION LABS LIMITED
2025230825	Shanghai Kingfa SCI.& Tech.dvpt. Co., Ltd.; Kingfa Sci. & Tech. Co., Ltd.; Liaoning Kingfa Biomaterial Co., Ltd.
2025230826	Tempus AI, Inc.
2025230827	Deere & Company
2025230828	MAKO Surgical Corp.
2025230829	Syngenta Crop Protection AG
2025230830	Amgen Inc.
2025230831	Eire Total Access Pty Ltd
2025230832	Illinois Tool Works Inc.
2025230833	BYD COMPANY LIMITED
2025230834	LINEAGE LOGISTICS, LLC
2025230835	Umano Medical Inc.
2025230836	WitKang Zhiyuan Medical Devices (Xi'an) Co., Ltd.
2025230837	truRating Limited
2025230838	Baace Products NZ Limited
2025234129	Boston Scientific Scimed, Inc.
2025234130	Hoffman Technologies LLC
2025234133	Illinois Tool Works Inc.
2025234135	Zhao, Z.
2025234136	Manufacturing Resources International, Inc.
2025234137	REYNOLDS, K.; Reynolds, N.
2025234138	Hoteck Inc.
2025234140	Mizuho Orthopedic Systems, Inc.
2025234147	Boyle, N.
2025234148	HONEYWELL INTERNATIONAL INC.
2025234153	Scientific Games, LLC
2025234154	CHIU, Y.
2025234156	Granville Biomedical Inc.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

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Assignments before Grant, Section 113

2020

2020322026 XRad Therapeutics, Inc. The application has been assigned to **XRad Holding Cayman Limited**

2020368463 American River Nutrition, LLC The application has been assigned to **Designs for Health, Inc.**

Assignments before Grant, Section 113

2021

2021205034 Idemia Identity & Security France The application has been assigned to **IDEMIA Road Safety France**

2021310686 Martinus Rail Pty Ltd The application has been assigned to **Salix Products Pty Ltd**

2021477689 INDURAD GMBH The application has been assigned to **Metso USA Inc.**

2022

2022231704 Idemia Identity & Security France The application has been assigned to **IDEMIA Road Safety France**

2022375771 THE UNIVERSITY OF NEWCASTLE; ECOFIBRE USA INC. The application has been assigned to **Dove Innovation Pty Limited; THE UNIVERSITY OF NEWCASTLE**

2022376836 ECOFIBRE USA INC.; THE UNIVERSITY OF NEWCASTLE The application has been assigned to **Dove Innovation Pty Limited; THE UNIVERSITY OF NEWCASTLE**

2022376837 ECOFIBRE USA INC. The application has been assigned to **Dove Innovation Pty Limited**

2022376838 ECOFIBRE USA INC.; THE UNIVERSITY OF NEWCASTLE The application has been assigned to **Dove Innovation Pty Limited; THE UNIVERSITY OF NEWCASTLE**

2022379618 THE UNIVERSITY OF NEWCASTLE; ECOFIBRE USA INC. The application has been assigned to **Dove Innovation Pty Limited; THE UNIVERSITY OF NEWCASTLE**

2022439520 KATLAS, LLC The application has been assigned to **HILO INNOVATIONS, LLC**

2023

2023207727 EPIGENIC THERAPEUTICS, INC. The application has been assigned to **Epigenic Therapeutics Pte. Ltd.**

2023367737 ECOFIBRE USA INC.; THE UNIVERSITY OF NEWCASTLE The application has been assigned to **Dove Innovation Pty Limited; THE UNIVERSITY OF NEWCASTLE**

2023367739 ECOFIBRE USA INC.; THE UNIVERSITY OF NEWCASTLE The application has been assigned to **Dove Innovation Pty Limited; THE UNIVERSITY OF NEWCASTLE**

2024

2024221199 SIVANTAGE, INC. The application has been assigned to **TENON MEDICAL, INC.**

2024227081 Phoenix Energy Services Pty Ltd The application has been assigned to **Clarkson, Andrew**

2024264643 Idemia Identity & Security France The application has been assigned to **IDEMIA Road Safety France**

Assignments before Grant, Section 113

2024264743 Phoenix Energy Services Pty Ltd The application has been assigned to **Clarkson, Andrew**

2024266918 Idemia Identity & Security France The application has been assigned to **IDEMIA Road Safety France**

2024902840 Future Battery Industries CRC Ltd The application has been assigned to **Amira International Limited**

2025

2025904078 Donaghys Limited; Dadhwal, Sumit; Marfell, Jarred The application has been assigned to **Donaghys Limited**

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.

2016

2016369595 **TEGA Therapeutics, Inc.** An application to extend the time from 16 Dec 2024 to 16 Aug 2025 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33, 477 Collins Street Melbourne VIC 3000 AU

2024

2024205837 **Zhuhai Beihai Biotech Co., Ltd.** An application to extend the time from 03 Feb 2025 to 03 Sep 2025 in which to pay a continuation fee has been filed . Address for service - Kings Patent & Trade Marks Attorneys Pty Ltd PO Box 128 Aspley QLD 4034 AU

Applications Allowed - Section 223(2)

2010

2010227015 **AutoRun Technologies** The time in which to pay a renewal fee has been extended to 07 Jun 2025 . Address for service - Drew Bellamy 8 West Lorne St Floreat WA 6014 AU

2010300550 **Adare Pharmaceuticals, Inc.** The time in which to pay a renewal fee has been extended to 30 Apr 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014233629 **Adare Pharmaceuticals, Inc.** The time in which to pay a renewal fee has been extended to 30 Apr 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016213816 **Adare Pharmaceuticals, Inc.** The time in which to pay a renewal fee has been extended to 30 Apr 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019396638 **Technological University Dublin** The time in which to gain acceptance has been extended to 05 Oct 2025 . Address for ser-

Extensions of Time, Section 223

vice - Alder IP Pty Ltd Suite 302, 10 Help Street Chatswood NSW 2067 AU

2021

2021106277 **Du Plooy, W.** The time in which to pay a renewal fee has been extended to 21 Mar 2025 . Address for service - Werner Du Plooy 27 Lysterfield Rise Upper Coomera QLD 4209 AU

Amendments

Applications for Amendment

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

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

2011

2011252754 Flowable liquid composition **Trisco ICAP Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 20 Aug 2025 . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

2018

2018375398 Use of a VEGF antagonist to treat angiogenic eye disorders **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

2019

2019317696 Method and composition for promoting cell growth and tissue repair **Zhejiang Hygeiencells Biomedical Co. Ltd** The nature of the amendment is as shown in the statement(s) filed 02 Sep 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019325113 Portable diagnostic apparatus and the method thereof **Sanwa Biotech Ltd** The nature of the amendment is as shown in the statement(s) filed 05 Sep 2025 . Address for service - JMSD IP Pty Ltd PO Box 3066 Newstead QLD 4006 AU

2019341723 Purified capsular polysaccharides of Streptococcus pneumoniae **Biological E Limited** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2025, 11 Jun 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020

2020387199 Composition for preventing or treating cancer, comprising anti-CD300c monoclonal antibodies **CentricsBio, Inc.** The nature of the amendment is: Amend the name of the inventor to read JEON, Jaewon and LEE, Suin . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021

2021297984 HER-2 targeted bispecific compositions and methods for making and using the same **Amunix Pharmaceuticals, Inc.**

Amendments

The nature of the amendment is as shown in the statement(s) filed 05 Sep 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

2022

2022226951 METHODS AND THERAPEUTIC COMBINATIONS FOR TREATING IDIOPATHIC INTRACRANIAL HYPERTENSION AND CLUSTER HEADACHES **NBO Pharma Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022275786 Extended, high dose VEGF antagonist regimens for treatment of angiogenic eye disorders **Regeneron Pharmaceuticals, Inc. ; Bayer Healthcare LLC** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4, 7 Macquarie Place Sydney NSW 2000 AU

2023

2023202448 Compositions and methods related to anti-CD19 antibody drug conjugates **LigaChem Biosciences Inc. ; NovImmune, SA** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2025 . Address for service - Pearce IP Pty Ltd Level 3, 32 Martin Place Sydney NSW 2000 AU

2023202592 MODULATORS OF THE INTEGRATED STRESS PATHWAY **Calico Life Sciences LLC ; AbbVie Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Sep 2025 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023251455 SENSOR APPLICATOR ASSEMBLY FOR CONTINUOUS GLUCOSE MONITORING SYSTEM **i-SENS, Inc** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2025 . Address for service - LAMINAR IP PTY LTD PO Box 1188 North Sydney NSW 2059 AU

2024

2024200819 User interface camera effects **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Sep 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

Amendments Made

2018

2018352592 **The Broad Institute, Inc.; Beam Therapeutics, Inc.; President and Fellows of Harvard College** The nature of the amendment is as shown in the statement filed 17 Jun 2025

2019

2019340383 **Crane & Co., Inc.** The nature of the amendment is as shown in the statement filed 29 Apr 2025

2019373474 **Covalon Technologies Inc.** The nature of the amendment is as shown in the statement filed 24 Apr 2025

Amendments

2020

2020224136 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 09 Jun 2025

2020239391 **Pilkington Technology Management Limited** The nature of the amendment is as shown in the statement filed 19 Jun 2025

2021

2021246519 **Turtle Bear Holdings, LLC** The nature of the amendment is as shown in the statement filed 13 Jun 2025

2021267083 **Interoligo Corporation** The nature of the amendment is: Amend the invention title to read Novel nucleic acid ligand, and method for identifying same

2021361171 **Whoop, Inc.** The nature of the amendment is: Amend the invention title to read ADJUSTABLE STRAP FOR WEARABLE MONITOR

2022

2022201083 **LG ELECTRONICS INC.** The nature of the amendment is as shown in the statement filed 08 May 2025

2022341311 **ELI LILLY AND COMPANY** The nature of the amendment is as shown in the statement filed 12 Jun 2025

2023

2023203646 **Tetrou, Inc.** The nature of the amendment is: Amend the invention title to read DEMINERALIZED BONE FIBER IMPLANT COMPOSITIONS AND METHODS FOR ROTATOR CUFF AND ACL REPAIR

2023203647 **Tetrou, Inc.** The nature of the amendment is: Amend the invention title to read DEMINERALIZED BONE FIBER IMPLANT COMPOSITION FOR ROTATOR CUFF AND ACL REPAIR

2023203784 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 05 Jun 2025

2023222986 **Kop-Coat, Inc.** The nature of the amendment is: Amend the invention title to read SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS

2023314782 **UMOJA BIOPHARMA, INC.** The nature of the amendment is: Amend the name of the inventor to read ROWLAND, Teisha J.; FRIEDMAN, Cassidy; YINGST, Ashley M.; O'HARA, Samantha; JARELL, Dillon; VEREIDE, David T. and KONING, Ryan

2023347087 **ENRETECH TECHNOLOGIES PTY LIMITED** The nature of the amendment is: Amend the name of the inventor to read Irons, Gordon James and Irons, Jennifer Ann.

2023375245 **NEXTKIDNEY SA** The nature of the amendment is: Amend the name of the inventor to read BLUCHEL, Christian; JONG, Jacobus Adrianus Wilhelmus; KHAOPAIBUL, Paiboon and KWOK, Zi Jun

Amendments

2023411365 **Sika Technology AG** The nature of the amendment is: To amend the applicant name to Sika Technology AG

2023429356 **JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY; TOYO ENGINEERING CORPORATION; NUSTAR TECHNOLOGIES PTE LTD** The nature of the amendment is: Amend the name of the inventor to read MIYAZAKI, Eigo; AKIYAMA, Keita; KYO, Masanori; SAWADA, Ikuo; KAWAMURA, Yoshihisa; LEE, Chia Hwee; TEO, Sim Guan and GOI, Kim Kok

2023438892 **YAMATO SCALE CO.,LTD.** The nature of the amendment is: Amend the invention title to read Combination scale

2023439175 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD FOR PRODUCING COKE

2023443064 **DAI-ICHI HIGH FREQUENCY CO., LTD.; NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read POST WELD HEAT TREATMENT DEVICE

2024

2024201172 **INCYTE CORPORATION** The nature of the amendment is as shown in the statement(s) filed 21 Aug 2025

2024217207 **GMP BIOTECHNOLOGY LIMITED** The nature of the amendment is: Amend the name of the inventor to read TRIEU, Vuong

2024224320 **DENTSU INC.** The nature of the amendment is: Amend the invention title to read Information processing apparatus, information processing method, and information processing program

2024226889 **Jones, M.; Sowerby, S.; Fennessy, P.; METHANE MITIGATION VENTURES LIMITED** The nature of the amendment is: To amend the applicant name to METHANE MITIGATION VENTURES LIMITED and Stephen Sowerby and Peter Fennessy and Martin Jones

2024233422 **ISTARI DIGITAL, INC.** The nature of the amendment is: To amend the applicant name to ISTARI DIGITAL, INC.

2024234571 **GAIA BIOMEDICINE INC.** The nature of the amendment is: Amend the invention title to read SOLUTION FOR SUSPENDING CELLS AND USE THEREOF

2024236757 **QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.** The nature of the amendment is: Amend the invention title to read Clothes treatment device, clothes humidity measurement method and clothes drying measurement method

2024256634 **DSI Underground Chemicals sp. z.o.o.; Sandvik Mining and Construction Oy** The nature of the amendment is: To amend the applicant name to Sandvik Mining and Construction Oy and DSI Underground Chemicals sp. z.o.o.

2024304286 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Austenitic stainless steel plate, hydrogen gas transmission pipe, valve, joint, and instrument

2025

2025226735 **Kop-Coat, Inc.** The nature of the amendment is: Amend the invention title to read SOLUTIONS FOR ENHANCING THE

Amendments

EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING
PLANTS AND RELATED METHODS

Alteration of Name(s) of Applicant(s)/Patentee(s)**2006**

2006316071 CTI BioPharma Corp. The name of the patentee has
been altered to **Sobi, Inc.**

2009

2009325147 CTI BioPharma Corp. The name of the patentee has
been altered to **Sobi, Inc.**

2019

2019373095 Quintis (Australia) Pty Limited The name of the applic-
ant has been altered to **Quintis (Australia) Pty Limited (Receivers
and Managers Appointed) (In Liquidation)**

2019445042 John Bean Technologies Corporation The name of the
applicant has been altered to **JBT Marel Corporation**

2024

2024236941 FUJIFILM CORPORATION The name of the applicant
has been altered to **FUJIFILM Corporation**

2025

2025226716 HERCULES PROJECT COMPANY LLC The name of
the applicant has been altered to **Honeywell LNG LLC**

2025230741 Rearden, LLC; ET Intellectual Property The name of
the applicant has been altered to **Rearden, LLC**

2025902189 RMIT University The name of the applicant has been
altered to **Royal Melbourne Institute of Technology**

Applications Open to Public Inspection

Name Index

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

(71) AARDEX Group
(11) AU-A-2025230656
(21) 2025230656 (22) 09.09.2025
(54) Method for assisting the taking or the act of a therapeutic treatment
(51) Int. Cl.
G16H 50/50 (2018.01)
(43) 25.09.2025
(62) 2020220638
(72) TOUSSET, Eric, Pierre, Jos ; VRIJENS, Bernard, Christian, Jean-Marie; DALLA VECCHIA, David, Marc, Edgar
(74) Griffith Hack

(71) ABBOTT DIABETES CARE INC.
(11) AU-A-2025226770
(21) 2025226770 (22) 04.09.2025
(54) Analyte sensors for sensing ketones and methods of using the same
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
(43) 25.09.2025
(62) 2021395004
(72) LIU, Zenghe; OJA, Stephen; OUYANG, Tianmei; FELDMAN, Benjamin J.
(74) FPA Patent Attorneys Pty Ltd

(71) Abey Australia Pty Ltd
(11) AU-A-2025226746
(21) 2025226746 (22) 04.09.2025
(54) Improved brick ties
(51) Int. Cl.
E04B 1/41 (2006.01)
(43) 25.09.2025
(62) 2025204436
(72) KITTUR, Venkatesh
(74) Spruson & Ferguson

(71) ABL Bio Inc.
(11) AU-A-2025226709
(21) 2025226709 (22) 03.09.2025
(54) ANTIBODIES TO a-SYNUCLEIN AND USES THEREOF
(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
G01N 33/68 (2006.01)
(43) 25.09.2025
(62) 2022252753
(72) Lee, Sang Hoon; You, Weonkyoo; Ahn, Jinhyung; An, Sungwon; Jung, Jinwon; Lee, Bora; Kim, Dongin; Sung, Byungje; Son, Yonggyu; Kim, Yeunju; Eom, Jaehyun; Ahn, Seawon; Pak, Youngdon; Yeom, Donghoon; Song, Daehae
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ADB SAFEGATE BV
(11) AU-A-2025223930
(21) 2025223930 (22) 01.09.2025
(54) AIRFIELD GROUND LIGHT WITH INTEGRATED LIGHT CONTROLLER THAT EMPLOYS POWERLINE COMMUNICATIONS AND SENSORS
(51) Int. Cl.
H05B 47/21 (2020.01)
F21V 31/00 (2006.01)
H05B 45/18 (2020.01)
H05B 45/58 (2020.01)
H05B 47/23 (2020.01)
(43) 25.09.2025
(62) 2022380736
(72) DININNO, Daryl M.; MITCHELL, Douglas; STACHOW, Robert
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) AgroSpheres, Inc.
(11) AU-A-2025205509
(21) 2025205509 (22) 16.07.2025
(54) COMPOSITIONS AND METHODS FOR SCALABLE PRODUCTION AND DELIVERY OF BIOLOGICALS
(51) Int. Cl.
C12N 15/70 (2006.01)
(43) 25.09.2025
(62) 2018335571
(72) SHAKEEL, Ameer Hamza; DAVIS, Zachery George; FRANK, Joseph Thomas; ZOMORODI, Sepehr; POUR-TAHERI, Payam
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Air Liquide France Industrie see L'Air Liquide, Soci t  Anonyme pour l'Etude et l'Exploitation des Proc d s Georges Claude
(21) 2025201660

(71) Alcon Inc.
(11) AU-A-2025226707
(21) 2025226707 (22) 03.09.2025
(54) EYE TRACKING FIXATION MONITORING SYSTEMS AND METHODS
(51) Int. Cl.
A61B 3/113 (2006.01)
A61B 3/10 (2006.01)
A61B 3/12 (2006.01)
(43) 25.09.2025
(62) 2020330497
(72) Gr ndig, Martin; Birkner, Sascha
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Aliaxis Research & Technology
(11) AU-A-2025201280
(21) 2025201280 (22) 21.02.2025
(54) Mechanical Fitting
(51) Int. Cl.
F16L 13/14 (2006.01)
(31) FR2402205 (32) 05.03.24 (33) FR
(43) 25.09.2025
(72) Adelmand, Hemin
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Allergan, Inc.
(11) AU-A-2025226702
(21) 2025226702 (22) 03.09.2025
(54) Methods for treatment of masseter muscle hypertrophy
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 39/08 (2006.01)
A61P 21/00 (2006.01)
(43) 25.09.2025
(62) 2019337656
(72) LEE, Elisabeth; BOWEN, Beta; SO-MOGYI, Christine; ROGERS, John D.
(74) Davies Collison Cave Pty Ltd

(71) ALNYLAM PHARMACEUTICALS, INC.
(11) AU-A-2025230652
(21) 2025230652 (22) 09.09.2025
(54) Transmembrane protease, serine 6 (TMPRSS6) iRNA compositions and methods of use thereof
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61K 47/54 (2017.01)
A61P 7/00 (2006.01)
(43) 25.09.2025
(62) 2022264478
(72) DEATON, Aimee M.; GANSNER, John Michael; MCININCH, James D.; SCHLEGEL, Mark K.; GARFINKEL, Benjamin P.
(74) Griffith Hack

(71) Always Thinking Advisory
(11) AU-A-2024201535
(21) 2024201535 (22) 07.03.2024
(54) Service Asset Activity Model - service catalogue for local government
(51) Int. Cl.
G06Q 50/26 (2012.01)
G06Q 10/06 (2023.01)
G06Q 10/20 (2023.01)
(43) 25.09.2025
(72) Tegart, Peter
(74) Always Thinking Advisory

(71) Angel Group Co., Ltd.
(11) AU-A-2025201732

Applications Open to Public Inspection - Name Index cont'd

(21) 2025201732 (22) 11.03.2025
(54) Management system
(51) Int. Cl.
A63F 5/00 (2006.01)
G07F 17/32 (2006.01)
(31) 2024-037665 (32) 11.03.24 (33) JP
(43) 25.09.2025
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025226745
(21) 2025226745 (22) 04.09.2025
(54) Game token management system
(51) Int. Cl.
A63F 1/06 (2006.01)
(43) 25.09.2025
(62) 2023204331
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025226812
(21) 2025226812 (22) 05.09.2025
(54) Management system for game token coin
(51) Int. Cl.
A63F 5/04 (2006.01)
G06K 19/00 (2006.01)
G07F 1/06 (2006.01)
G07F 17/32 (2006.01)
(43) 25.09.2025
(62) 2020200635
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) APOSYS TECHNOLOGIES INC.
(11) AU-A-2024259710
(21) 2024259710 (22) 04.11.2024
(54) SYSTEMS AND METHODS FOR MONITORING RAILWAY INFRA-STRUCTURE
(51) Int. Cl.
B61L 23/04 (2006.01)
G01S 17/88 (2006.01)
G06F 18/20 (2023.01)
G06N 3/02 (2006.01)
G06N 3/044 (2023.01)
G06N 3/0442 (2023.01)
G06N 3/0464 (2023.01)
G06N 20/00 (2019.01)
G06T 7/60 (2017.01)
G06V 10/40 (2022.01)
(31) 63/562035 (32) 06.03.24 (33) US
(43) 25.09.2025
(72) WANG, Zhongshuai
(74) AJ PARK

(71) APOSYS TECHNOLOGIES INC.
(11) AU-A-2024259711
(21) 2024259711 (22) 04.11.2024
(54) SYSTEMS AND METHODS FOR SIMULTANEOUS LOCALIZATION AND MAPPING IN UNDERGROUND ENVIRONMENTS
(51) Int. Cl.
G01C 21/00 (2006.01)

G01C 21/12 (2006.01)
(31) 63/563738 (32) 11.03.24 (33) US
(43) 25.09.2025
(72) WANG, Zhongshuai
(74) AJ PARK

(71) Apple Inc.
(11) AU-A-2025226778
(21) 2025226778 (22) 04.09.2025
(54) Presenting avatars in three-dimensional environments
(51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/03 (2006.01)
G06T 13/40 (2011.01)
(43) 25.09.2025
(62) 2024200190
(72) BUTCHER, Gary Ian; BURTON, Rupert; DARGAN, Dorian D.; HENDERSON, Nicholas W.; RICKWALD, Jason; SCAPEL, Nicolas; YERKES, Giancarlo; BAUERLY, Kristi E.S.; DYE, Alan C.
(74) FPA Patent Attorneys Pty Ltd

(71) Arborea Ltd
(11) AU-A-2025226862
(21) 2025226862 (22) 09.09.2025
(54) Bioreactor device and methods
(51) Int. Cl.
C12M 1/12 (2006.01)
B01D 53/22 (2006.01)
B01D 71/02 (2006.01)
B01D 71/06 (2006.01)
B01J 19/24 (2006.01)
C12M 1/04 (2006.01)
C12M 1/36 (2006.01)
C12M 3/06 (2006.01)
C12N 1/00 (2006.01)
C12N 15/00 (2006.01)
C12P 1/00 (2006.01)
(43) 25.09.2025
(62) 2020269611
(72) MELCHIORRI, Julian Paul
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025223833
(21) 2025223833 (22) 28.08.2025
(54) SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC GAME INCLUDING A PATH BASED BONUS GAME
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 25.09.2025
(62) 2023266315
(72) SANTUCCI, Lorin; TUOMEY, Thomas; KIM, Aiden; HENDRICKS, Bradley John
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025226815
(21) 2025226815 (22) 05.09.2025

(54) GAMING SYSTEM AND METHOD IN WHICH BASE GAME PLAY AFFECTS FEATURE GAME OUTCOME
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 25.09.2025
(62) 2023251467
(72) MADDUX, Bretton
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025226821
(21) 2025226821 (22) 05.09.2025
(54) SYSTEM AND METHOD FOR MANAGING DIGITAL WALLETS
(51) Int. Cl.
A63F 9/24 (2006.01)
G07F 17/32 (2006.01)
(43) 25.09.2025
(62) 2019240623
(72) CLEVELAND, Christopher
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025226822
(21) 2025226822 (22) 05.09.2025
(54) SYSTEM AND METHOD FOR SECONDARY ENGAGEMENT WITH TABLE GAMES
(51) Int. Cl.
A63F 9/24 (2006.01)
A63F 1/00 (2006.01)
G07F 17/32 (2006.01)
(43) 25.09.2025
(62) 2019240628
(72) PALMISANO, Angelo; CLEVELAND, Christopher
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025230658
(21) 2025230658 (22) 09.09.2025
(54) SYSTEM AND METHOD FOR TICKETING AT A GAMING TABLE
(51) Int. Cl.
A63F 9/24 (2006.01)
A63F 1/00 (2006.01)
G07F 17/32 (2006.01)
(43) 25.09.2025
(62) 2019240631
(72) CLEVELAND, Christopher; PALMISANO, Angelo
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Ltd
(11) AU-A-2024201560
(21) 2024201560 (22) 08.03.2024
(54) GAMING DEVICE WITH SELECTABLE SYMBOL POSITION ARRANGEMENTS AND EVALUATIONS
(51) Int. Cl.
G07F 17/32 (2006.01)
G07F 17/34 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 25.09.2025
(72) FONG, Colin
(74) James & Wells Intellectual Property

(71) Ascelia Pharma AB
(11) AU-A-2025226759
(21) 2025226759 (22) 04.09.2025
(54) Compressed solid composition for MRI
(51) Int. Cl.
A61K 49/06 (2006.01)
A61K 49/18 (2006.01)
(43) 25.09.2025
(62) 2020288337
(72) HØJGAARD, Bent; CORFITZEN, Magnus, Olafsson; DA GRACA COUTO THRIGE, Dorthé
(74) FB Rice Pty Ltd

(71) Ascendis Pharma A/S
(11) AU-A-2025226781
(21) 2025226781 (22) 04.09.2025
(54) Auto injector with reconstitution handling support
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/24 (2006.01)
A61M 5/31 (2006.01)
A61M 5/44 (2006.01)
(43) 25.09.2025
(62) 2024200038
(72) JENSEN, Steen; EGESBORG, Henrik; ANDERSEN, Bjørn Knud; LARSEN, Martin Nørgaard; ELKJÆR, Johnny
(74) Spruson & Ferguson

(71) Assa Abloy New Zealand Limited
(11) AU-A-2025226738
(21) 2025226738 (22) 04.09.2025
(54) SLIDING PANEL LOCK ASSEMBLY
(51) Int. Cl.
E05C 1/16 (2006.01)
E05B 1/00 (2006.01)
E05B 9/00 (2006.01)
E05B 9/08 (2006.01)
E05B 13/00 (2006.01)
E05B 65/08 (2006.01)
E05C 3/16 (2006.01)
(43) 25.09.2025
(62) 2020278871
(72) HORWOOD, Stuart; KORCZAK, Paul Eric
(74) ET Intellectual Property

(71) Assa Abloy New Zealand Limited
(11) AU-A-2025226739
(21) 2025226739 (22) 04.09.2025
(54) SLIDING PANEL LOCK ASSEMBLY BEAK CARRIAGE
(51) Int. Cl.
E05C 1/16 (2006.01)
E05B 1/00 (2006.01)
E05B 9/00 (2006.01)
E05B 9/08 (2006.01)
E05B 13/00 (2006.01)
E05B 65/08 (2006.01)
E05C 3/16 (2006.01)

(43) 25.09.2025
(62) 2020278871
(72) HORWOOD, Stuart; KORCZAK, Paul Eric
(74) ET Intellectual Property

(71) Assa Abloy New Zealand Limited
(11) AU-A-2025226740
(21) 2025226740 (22) 04.09.2025
(54) SLIDING PANEL LOCK ASSEMBLY
(51) Int. Cl.
E05C 1/16 (2006.01)
E05B 1/00 (2006.01)
E05B 9/00 (2006.01)
E05B 9/08 (2006.01)
E05B 13/00 (2006.01)
E05B 65/08 (2006.01)
E05C 3/16 (2006.01)

(43) 25.09.2025
(62) 2020278871
(72) HORWOOD, Stuart; KORCZAK, Paul Eric
(74) ET Intellectual Property

(71) AstraZeneca AB
(11) AU-A-2025226683
(21) 2025226683 (22) 03.09.2025
(54) FORMULATION COMPRISING CER-ALASERTIB
(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
(43) 25.09.2025
(62) 2022242632
(72) Simpson, David Bradley Brook; Ren, Haixia
(74) PHILLIPS ORMONDE FITZPATRICK

(71) AU, K.F.K.
(11) AU-A-2025201605
(21) 2025201605 (22) 05.03.2025
(54) A TRANSFORMABLE FOLDING PAPER BAG
(51) Int. Cl.
B65D 30/20 (2006.01)
(31) 63/562269 (32) 07.03.24 (33) US
(43) 25.09.2025
(72) AU, Ka Fai Kinsen
(74) envantage

(71) Aurigene Oncology Limited
(11) AU-A-2025226775
(21) 2025226775 (22) 04.09.2025
(54) Bicyclic heterocycl derivatives as IRAK4 inhibitors
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/428 (2006.01)
A61K 31/454 (2006.01)
(43) 25.09.2025
(62) 2023222987
(72) GUMMADI, Venkateshwar Rao; SAMAJDAR, Susanta
(74) Pearce IP Pty Ltd

(71) Australian Ceramics Engineering Pty Ltd
(11) AU-A-2025201722
(21) 2025201722 (22) 10.03.2025
(54) FASTENER ASSEMBLY FOR RELEASABLY FASTENING A WEAR LINER TO A STRUCTURE
(51) Int. Cl.
F16B 37/04 (2006.01)
B65G 11/16 (2006.01)
F16B 5/02 (2006.01)
F16B 39/28 (2006.01)
(31) 2024900614 (32) 08.03.24 (33) AU
(43) 25.09.2025
(72) Grace, Jason; Devine, Paul
(74) Mann IP

(71) BALA THERAPEUTICS, INC.
(11) AU-A-2025230651
(21) 2025230651 (22) 09.09.2025
(54) INHIBITORS OF MENIN-MLL INTERACTION
(51) Int. Cl.
A61K 31/404 (2006.01)
A61K 31/397 (2006.01)
A61K 31/407 (2006.01)
A61K 31/438 (2006.01)
A61K 31/517 (2006.01)
C07D 209/04 (2006.01)
C07D 239/74 (2006.01)
A61P 35/00 (2006.01)

(43) 25.09.2025
(62) 2022405438
(72) ABAGYAN, Ruben; PARCHINSKY, Vladislav Zenonovich; SAVCHUK, Nikolay; IVACHTCHENKO, Alexandre Vasilievich; KHVAT, Alexander
(74) Australian Patent & Trademark Services Pty Ltd

(71) Baxter Healthcare SA; Vantive US Healthcare LLC
(11) AU-A-2025226771
(21) 2025226771 (22) 04.09.2025
(54) SYSTEM AND METHOD FOR PERITONEAL DIALYSIS EXCHANGES HAVING REUSABLE ENERGIZING UNIT
(51) Int. Cl.
A61M 1/16 (2006.01)
A61L 2/00 (2006.01)
A61L 2/10 (2006.01)
A61M 1/28 (2006.01)

(43) 25.09.2025
(62) 2023203835
(72) MINKUS, Marc S.
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
(11) AU-A-2025226747
(21) 2025226747 (22) 04.09.2025
(54) FORMULATION OF CONTRAST MEDIA AND PROCESS OF PREPARATION THEREOF
(51) Int. Cl.
A61K 49/12 (2006.01)
A61K 49/08 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

A61K 49/10 (2006.01)
(43) 25.09.2025
(62) 2019382881
(72) HOLZSCHUH, Stephan; FRENZEL, Thomas; JOST, Gregor; LOHRKE, Jessica; EBERT, Wolfgang; BRUMBY, Thomas; HALFBRODT, Wolfgang
(74) Griffith Hack

(71) Bayer Healthcare LLC; Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025226774
(21) 2025226774 **(22)** 04.09.2025
(54) Extended, high dose VEGF antagonist regimens for treatment of angiogenic eye disorders
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 27/02 (2006.01)
(43) 25.09.2025
(62) 2022275786
(72) VITTI, Robert L.; BERLINER, Alyson J.; CHU, Karen; ASMUS, Friedrich; DA SILVA LEAL, Sergio Casimiro; EISSING, Thomas; RITTENHOUSE, Kay D.
(74) Davies Collison Cave Pty Ltd

Bayer Pharma Aktiengesellschaft see Bayer Aktiengesellschaft
(21) 2025226747

(71) Baylor College of Medicine
(11) AU-A-2025226726
(21) 2025226726 **(22)** 03.09.2025
(54) SMALL MOLECULE STIMULATORS OF STEROID RECEPTOR COACTIVATOR-3 AND METHODS OF THEIR USE AS CARDIOPROTECTIVE AND/OR VASCULAR REGENERATIVE AGENTS
(51) Int. Cl.
A61P 9/10 (2006.01)
A61K 31/45 (2006.01)
(43) 25.09.2025
(62) 2019333119
(72) O'MALLEY, Bert W.; LONARD, David Michael; SONG, Yongcheng
(74) Griffith Hack

(71) Beijing HyperStrong Technology Co., Ltd.
(11) AU-A-2024203654
(21) 2024203654 **(22)** 31.05.2024
(54) ENERGY STORAGE BOX
(51) Int. Cl.
H01M 10/613 (2014.01)
H01M 10/656 (2014.01)
H01M 10/663 (2014.01)
H05K 7/20 (2006.01)
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(72) Sun, Zhonghao; Peng, Gehao; Li, Shuang; Qian, Hao; Li, Wenpeng
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(11) AU-A-2024201584
(21) 2024201584 **(22)** 09.03.2024
(54) Universal Fruit Tray Liner
(51) Int. Cl.
B65D 1/36 (2006.01)
B65D 85/34 (2006.01)
(43) 25.09.2025
(72) Bennison, Dean
(74) Dean Robert Bennison

(71) Bespak Laboratories Inc.
(11) AU-A-2024201872
(21) 2024201872 **(22)** 22.03.2024
(54) Composition for use in pressurised dispensing container
(51) Int. Cl.
A61P 11/06 (2006.01)
A61K 9/12 (2006.01)
A61K 47/06 (2006.01)
A61K 47/10 (2017.01)
A61M 15/00 (2006.01)
A61P 11/08 (2006.01)
B65D 83/14 (2006.01)
(31) 18/599,091 **(32)** 07.03.24 **(33)** US
(43) 25.09.2025
(72) Mao, Lei; Pant, Nischal
(74) Davies Collison Cave Pty Ltd

(71) BioAtla, Inc.
(11) AU-A-2025217416
(21) 2025217416 **(22)** 18.08.2025
(54) Anti-CTLA4 antibodies, antibody fragments, their immunoconjugates and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/22 (2006.01)
G01N 33/574 (2006.01)
(43) 25.09.2025
(62) 2022204161
(72) Short, Jay M.; Frey, Gerhard; Chang, Hwai Wen
(74) Allens Patent & Trade Mark Attorneys

(71) BioAtla, LLC
(11) AU-A-2025226779
(21) 2025226779 **(22)** 04.09.2025
(54) Mirac Proteins
(51) Int. Cl.
C12Q 1/68 (2018.01)
A61K 38/17 (2006.01)
C07K 14/00 (2006.01)
C12P 21/00 (2006.01)
(43) 25.09.2025
(62) 2023203304
(72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard; Frost, Gregory
(74) Allens Patent & Trade Mark Attorneys

(71) BioPoly, LLC
(11) AU-A-2025226800
(21) 2025226800 **(22)** 05.09.2025

(54) IMPLANT SYSTEMS FOR REPAIR OF A HUMERAL HEAD
(51) Int. Cl.
A61F 2/30 (2006.01)
A61F 2/00 (2006.01)
A61F 2/08 (2006.01)
A61F 2/46 (2006.01)
A61L 27/44 (2006.01)
A61L 27/56 (2006.01)
(43) 25.09.2025
(62) 2020209674
(72) SCHWARTZ, Herbert E.; MROCZKOWSKI, Matthew L.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) BioPoly, LLC
(11) AU-A-2025226801
(21) 2025226801 **(22)** 05.09.2025
(54) IMPLANT SYSTEMS FOR REPAIR OF A GLENOID CAVITY
(51) Int. Cl.
A61F 2/40 (2006.01)
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
A61F 2/02 (2006.01)
A61F 2/30 (2006.01)
(43) 25.09.2025
(62) 2020208306
(72) SCHWARTZ, Herbert E.; MROCZKOWSKI, Matthew L.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Blackhawk Network, Inc.
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(21) 2025226741 **(22)** 04.09.2025
(54) Prepaid card with savings feature
(51) Int. Cl.
G06Q 40/00 (2023.01)
(43) 25.09.2025
(62) 2023248081
(72) Harper, Kellie D.
(74) Davies Collison Cave Pty Ltd

(71) BLIS TECHNOLOGIES LIMITED
(11) AU-A-2025226751
(21) 2025226751 **(22)** 04.09.2025
(54) PROBIOTIC ENHANCERS AND USES THEREOF
(51) Int. Cl.
A61K 35/744 (2015.01)
A61K 47/26 (2006.01)
A61P 31/04 (2006.01)
C12R 1/46 (2006.01)
(43) 25.09.2025
(62) 2022356489
(72) JONES, Nicola; HALE, John David; TAGG, John; JAIN, Rohit; HAROLD, Liam Karl
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(71) BOSS Products (Australia) Pty Ltd
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F16L 3/223 (2006.01)
F16L 3/127 (2006.01)
H02G 3/30 (2006.01)
A62C 2/06 (2006.01)
E04B 1/94 (2006.01)
E04B 2/72 (2006.01)
F16L 5/04 (2006.01)
H02G 3/00 (2006.01)
H02G 3/04 (2006.01)
H02G 3/22 (2006.01)
(31) 2024900618 (32) 08.03.24 (33) AU
(43) 25.09.2025
(72) Prior, Mark
(74) Argon IP Advisory Pty Ltd
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(54) COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING EQUINE HOOF INFECTIONS
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A61K 33/34 (2006.01)
A61K 35/644 (2015.01)
A61K 47/44 (2017.01)
A61P 31/04 (2006.01)
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(74) Alder IP Pty Ltd
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B60L 53/16 (2019.01)
H01R 13/639 (2006.01)
(31) 18/592,699 (32) 01.03.24 (33) US
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(74) GLMR
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- (71) Buzzelet Development And Technologies Ltd.
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(54) A kit for treating pelvic pain arising from female reproductive system
(51) Int. Cl.
A61K 31/352 (2006.01)
A61K 31/015 (2006.01)
A61K 31/185 (2006.01)
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A61K 36/33 (2006.01)
A61P 29/00 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) Ionic Liquid Compositions For Treatment Of Rosacea
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/14 (2006.01)
A61K 31/19 (2006.01)
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(51) Int. Cl.
C12Q 1/68 (2018.01)
A61K 35/17 (2015.01)
C07K 14/47 (2006.01)
C12N 15/11 (2006.01)
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(72) O'Neill, Heather; Miglarese, Mark; Spet-zler, David
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- (71) CATERPILLAR INC.
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(21) 2025201162 (22) 19.02.2025
(54) MOUNTING ASSEMBLY FOR BATTERY PACKS
(51) Int. Cl.
H05K 7/18 (2006.01)
H01M 50/209 (2021.01)
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(72) RAMABADHRAN, Krishna Prasath; BELL, Brian Richard
(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A63F 13/00 (2014.01)
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(72) Amaitis, Lee; Williams, Paul; Glantz, Nolan
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
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E01C 23/088 (2006.01)
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(72) chen, xiaojian
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(11) AU-A-2025226850
(21) 2025226850 (22) 08.09.2025
(54) Stackable quarter-size plastic platform and associated methods
(51) Int. Cl.
B65D 19/00 (2006.01)
B65D 19/04 (2006.01)
B65D 19/06 (2006.01)
B65D 19/24 (2006.01)
B65D 19/38 (2006.01)
B65D 19/40 (2006.01)
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(72) DAUBENSPECK, Bradley Wayne; SANKAR, Nigel
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- (71) Chevron Japan Ltd.
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(21) 2025226689 (22) 03.09.2025
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(51) Int. Cl.
C10M 141/10 (2006.01)
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(62) 2021340009
(72) FUCHI, Masami; SASAKI, Naoya; NAKAGAWA, Takahiro; OHTA, Satoshi; MASUDA, Naoki; KUBO, Koichi
(74) FPA Patent Attorneys Pty Ltd
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- (71) Chevron U.S.A. Inc.
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(21) 2025201693 (22) 07.03.2025
(54) Subsea completion systems
(51) Int. Cl.
E21B 33/035 (2006.01)
E21B 43/01 (2006.01)
(31) 63/562497 (32) 07.03.24 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2025226823 (22) 05.09.2025
(54) Systems and methods for estimating refined reservoir productivity value as a function of position in a subsurface volume of interest
(51) Int. Cl.
E21B 41/00 (2006.01)
E21B 43/00 (2006.01)
G06N 20/00 (2019.01)

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(72) PROCHNOW, Shane James; REDDY, Liliia; LIN, Yuanbo; PAPAIZIS, Petros
(74) FPA Patent Attorneys Pty Ltd

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(21) 2025226803 (22) 05.09.2025
(54) Mutated protoporphyrinogen IX oxidase (PPX) genes
(51) Int. Cl.
A01H 5/00 (2018.01)
(43) 25.09.2025
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(72) GOCAL, Gregory F.W.; BEETHAM, Peter R.; DE SCHOPKE, Aura; DUMM, Sarah; PEARCE, James; SCHOPKE, Christian; WALKER, Keith A.
(74) FB Rice Pty Ltd

(71) Cipla USA, Inc
(11) AU-A-2025226793
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(54) Synthesis of antibacterial aminoglycoside analogs
(51) Int. Cl.

C07H 1/00 (2006.01)
C07H 15/236 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

(71) CloudBlue LLC
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(21) 2025201655 (22) 06.03.2025
(54) ENHANCED NO-CODE ETL SYSTEM FOR AUTOMATED BIG DATA TRANSFORMATION AND SHARING
(51) Int. Cl.
G06F 11/00 (2006.01)
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(54) An Inventory Management System
(51) Int. Cl.
G06Q 10/087 (2023.01)
E21B 47/017 (2012.01)
E21B 47/26 (2012.01)

G06K 7/10 (2006.01)
G06K 7/14 (2006.01)
G06K 19/06 (2006.01)
G06K 19/07 (2006.01)
E21B 12/00 (2006.01)
E21B 17/00 (2006.01)
E21B 47/00 (2012.01)
E21B 49/08 (2006.01)
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(72) Nommensen, David
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) Colgate-Palmolive Company
(11) AU-A-2025226696
(21) 2025226696 (22) 03.09.2025
(54) Oral care compositions and methods
(51) Int. Cl.

A61K 8/19 (2006.01)
A61K 8/24 (2006.01)
A61K 8/43 (2006.01)
A61P 9/12 (2006.01)
A61Q 11/00 (2006.01)

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(74) Spruson & Ferguson

(71) Cona International Pty Ltd
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(21) 2025230653 (22) 09.09.2025
(54) KEY SAFE AND KEY ACCESS SYSTEMS
(51) Int. Cl.
H04L 12/00 (2006.01)
A47G 29/14 (2006.01)
E05G 1/08 (2006.01)
G07C 9/00 (2020.01)

(43) 25.09.2025
(62) 2020249188
(72) MITRIS, Constantine
(74) Baxter Patent Attorneys Pty Ltd

(71) Cozey Inc.
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(21) 2025201617 (22) 05.03.2025
(54) Modular bed frame assembly
(51) Int. Cl.
A47C 19/02 (2006.01)
A47C 19/00 (2006.01)
(31) 63/561,481 (32) 05.03.24 (33) US
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(74) Spruson & Ferguson

(71) CSR Building Products Limited
(11) AU-A-2024201452
(21) 2024201452 (22) 05.03.2024
(54) VENTILATOR BEARING SEAL
(51) Int. Cl.
F16C 33/80 (2006.01)
F16C 33/72 (2006.01)

F16J 15/447 (2006.01)
F24F 7/02 (2006.01)
(43) 25.09.2025
(72) Thangamuthu, Sathia; Stewart, Warren
(74) Griffith Hack

(71) Daiichi Sankyo Company, Limited
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(21) 2025226765 (22) 04.09.2025
(54) COMBINATION OF ANTIBODY-DRUG CONJUGATE AND TUBULIN INHIBITOR
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/337 (2006.01)
A61K 31/357 (2006.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61K 47/65 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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(71) Davis, R.
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B65D 5/02 (2006.01)
B65D 5/20 (2006.01)
B65D 5/30 (2006.01)
B65D 81/18 (2006.01)
(43) 25.09.2025
(72) Davis, Rueben
(74) Rueben Thomas Davis

(71) Dexcom, Inc.
(11) AU-A-2025226728
(21) 2025226728 (22) 03.09.2025
(54) Systems and methods for remote and host monitoring communications
(51) Int. Cl.
A61B 5/00 (2006.01)
(43) 25.09.2025
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(74) FB Rice Pty Ltd

(71) DRAEGER SAFETY AG & CO. KGAA
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(21) 2025201442 (22) 27.02.2025

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(54) Gas-measuring device with a sensor and with multiple gas inlets as well as actuation arrangement, operating method, and measuring method for such a gas-measuring device
(51) Int. Cl.
G01N 35/10 (2006.01)
G01N 35/08 (2006.01)
(31) 102024106251.7 (32) 05.03.24 (33) DE
(43) 25.09.2025
(72) WEICH, Rüdiger; SCHMALJOHANN, Sven Eric; HIRZEL, Marcel
(74) Oxygene IP

(71) DRAEGER SAFETY AG & CO. KGAA
(11) AU-A-2025201609
(21) 2025201609 (22) 05.03.2025
(54) Method for operating a gas measuring system and corresponding gas measuring system
(51) Int. Cl.
G08B 29/20 (2006.01)
G01N 1/22 (2006.01)
G01N 33/00 (2006.01)
G01N 33/497 (2006.01)
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(72) MATTERN-FRÜHWALD, Marie-Isabell; BAESLER, Malte
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(54) Formulations of AG10
(51) Int. Cl.
A61K 31/415 (2006.01)
A61K 9/20 (2006.01)
A61K 47/02 (2006.01)
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(71) Elanco US Inc.
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(54) IgG Fc variants for veterinary use
(51) Int. Cl.
C07K 14/31 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61K 39/40 (2006.01)
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C12N 15/82 (2006.01)
G01N 33/68 (2006.01)
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(62) 2023226676
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(71) ELI LILLY AND COMPANY
(11) AU-A-2025226772
(21) 2025226772 (22) 04.09.2025

(54) Therapeutic Agent Delivery Device Including Disposable And Reusable Portions
(51) Int. Cl.
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)
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(54) SYSTEMS AND METHODS FOR RECEIVING THE OUTPUT OF A DIRECT STEAM INJECTOR
(51) Int. Cl.
A23B 2/00 (2025.01)
A23B 2/28 (2025.01)
A23B 2/42 (2025.01)
A23B 2/46 (2025.01)
A23B 5/005 (2006.01)
A23B 11/137 (2025.01)
A23L 5/30 (2016.01)
B01F 23/23 (2022.01)
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(72) ROTH, Nicholas A.
(74) RnB IP Pty Ltd

(71) Endless Road Holdings Pty Ltd
(11) AU-A-2025201508
(21) 2025201508 (22) 28.02.2025
(54) Ball launching apparatus and associated method
(51) Int. Cl.
A63B 69/00 (2006.01)
A63B 47/00 (2006.01)
(31) 2024900516 (32) 29.02.24 (33) AU
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(72) Beveridge, Luke
(74) Cooper IP Pty Ltd

(71) EVOBEND GmbH
(11) AU-A-2025226855
(21) 2025226855 (22) 08.09.2025
(54) Bending machine and method for processing a workpiece by means of a bending machine
(51) Int. Cl.
B21D 5/00 (2006.01)
B21D 5/02 (2006.01)
B21D 5/04 (2006.01)
B21D 55/00 (2006.01)
F16P 3/02 (2006.01)
F16P 3/14 (2006.01)

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(62) 2020382872
(72) DUSCHER, Nikolaus; FRANZE, Reinhard Emil
(74) Griffith Hack

(71) Farmbot Holdings Pty Ltd
(11) AU-A-2025226785
(21) 2025226785 (22) 04.09.2025
(54) Remote monitor and remote monitoring system
(51) Int. Cl.
G06F 17/40 (2006.01)
G06F 11/30 (2006.01)
G06F 17/18 (2006.01)
G06Q 50/00 (2024.01)
H04W 28/02 (2009.01)
H04W 28/20 (2009.01)
(43) 25.09.2025
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(72) HENDRICKS, Craig
(74) Blackwattle IP

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(54) PATIENT INTERFACE
(51) Int. Cl.
A61M 16/06 (2006.01)
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(72) BEARNE, Peter David Alexander; MURPHY, Blair Raymund Dadson; MIDDELKOOP, Kirstin Elizabeth; MASHAL, Fadi Karim Moh'd; COX, Michael John Henri; RANDLES, Sophie Kathryn; McLAREN, Mark Arvind; LEAHY, Ronan; PATEL, Roheet
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(71) FLOWSERVE PTE. LTD.
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(54) Fluid exchange devices and related controls, systems, and methods
(51) Int. Cl.
E21B 43/26 (2006.01)
F04F 13/00 (2009.01)
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(74) GLMR

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(54) Anti-CD3 antibodies and methods of use
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd
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C12Q 1/6818 (2018.01)
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(54) Early post-transfection isolation of cells (epic) for biologics production
(51) Int. Cl.
C12N 15/10 (2006.01)
G01N 33/537 (2006.01)
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(72) Cairns, Victor R.; Demaria, Christine; Vitko, Jason
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(54) Securing element
(51) Int. Cl.
F16K 27/02 (2006.01)
F16B 41/00 (2006.01)
F16K 27/00 (2006.01)
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C07K 14/035 (2006.01)
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A01K 87/06 (2006.01)
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(21) 2025200729 (22) 29.01.2025
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(51) Int. Cl.
E04G 21/08 (2006.01)
B25B 13/50 (2006.01)
E04C 5/18 (2006.01)
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(72) GREANEY, Michael James
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E05D 7/10 (2006.01)
E05D 5/12 (2006.01)
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H02B 1/38 (2006.01)
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B63B 32/59 (2020.01)
B29C 44/02 (2006.01)
B29C 44/04 (2006.01)
B29C 70/02 (2006.01)
B63B 32/57 (2020.01)
B29C 70/08 (2006.01)
B63B 32/66 (2020.01)
B63B 32/68 (2020.01)
B29K 25/00 (2006.01)
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(74) Benjamin Heina
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(51) Int. Cl.
F24S 40/20 (2018.01)
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(54) Liquefaction system
(51) Int. Cl.
F25J 1/00 (2006.01)
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(72) Roberts, Mark Julian; Dally, John A.
(74) FPA Patent Attorneys Pty Ltd
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- (71) HONG KONG WELL LIFE BIOTECHNOLOGY LIMITED
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(54) A DEVICE AND METHOD TO ENHANCE FISH GROWTH RATE, SURVIVAL RATE AND YIELD
(51) Int. Cl.
A01K 61/10 (2017.01)
A01K 63/04 (2006.01)
C02F 1/72 (2023.01)
C02F 1/78 (2023.01)
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(74) Churchill Attorneys
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(21) 2025226719 (22) 03.09.2025
(54) COMMUNICATION METHOD AND APPARATUS
(51) Int. Cl.
H04W 24/02 (2009.01)
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H04L 5/00 (2006.01)
H04W 72/04 (2023.01)
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GAN, Ming; CAO, Ju
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(11) AU-A-2025226706
(21) 2025226706 (22) 03.09.2025
(54) Bird or bat detection and identification
for wind turbine risk mitigation
(51) Int. Cl.
G01P 3/36 (2006.01)
G01V 8/10 (2006.01)
G08B 13/181 (2006.01)
G08B 15/00 (2006.01)
(43) 25.09.2025
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(72) OLIVER, Andrew G.; BABBITT, Victor
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(54) Imaging array for bird or bat detection
and identification
(51) Int. Cl.
G01V 8/10 (2006.01)
G06T 7/00 (2017.01)
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G08B 15/00 (2006.01)
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A63F 13/85 (2014.01)
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ley Marianne; MERCOULIA, Karolina
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teristics and use in human immunother-
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(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 39/00 (2006.01)
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Edward; Hearn, Arron
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ALERTS AND NOTIFICATIONS IN AN
ADVANCED DISTRIBUTION PLAT-
FORM
(51) Int. Cl.
G06F 8/35 (2018.01)
G06N 20/00 (2019.01)
G06Q 10/0633 (2023.01)
G06Q 10/0637 (2023.01)
G06Q 10/0835 (2023.01)
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(72) SAHOO, Sanjib
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(71) INIXIO LIMITED
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A61F 2/32 (2006.01)
A61F 2/34 (2006.01)
A61F 2/36 (2006.01)
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(72) MATHIAS, Rod; GREEN, Ivan
(74) WRAYS PTY LTD

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(54) Enforcement of enterprise browser use
(51) Int. Cl.
H04L 9/40 (2022.01)
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(72) ISRAELI, Raviv; LANZMAN, Sergey;
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(74) Spruson & Ferguson

(71) Island Technology, Inc.
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(54) Enforcement of enterprise browser use
(51) Int. Cl.
H04L 9/40 (2022.01)
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(54) Enforcement of enterprise browser use
(51) Int. Cl.
H04L 9/40 (2022.01)
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(71) Island Technology, Inc.
(11) AU-A-2025226688
(21) 2025226688 (22) 03.09.2025
(54) Enforcement of enterprise browser use
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H04L 9/40 (2022.01)
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(71) Janssen Pharmaceutica NV
(11) AU-A-2025226693
(21) 2025226693 (22) 03.09.2025
(54) Monoacylglycerol lipase modulators
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
C07D 498/04 (2006.01)
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B21D 51/22 (2006.01)

A47J 27/00 (2006.01)

A47J 27/022 (2006.01)

A47J 36/02 (2006.01)

B05D 5/08 (2006.01)

B21D 5/08 (2006.01)

B21D 13/04 (2006.01)

B21D 22/20 (2006.01)

B21D 28/02 (2006.01)

B32B 15/18 (2006.01)

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(54) Aircraft control system and method

(51) Int. Cl.

B64C 29/00 (2006.01)

B64C 5/06 (2006.01)

(43) 25.09.2025

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(72) ENGLISH, Blake; BEVIRT, JoeBen

(74) FB Rice Pty Ltd

(71) Joy Global Underground Mining LLC

(11) AU-A-2025226809

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(54) Cutting bit assembly

(51) Int. Cl.

E21C 35/18 (2006.01)

E21C 35/183 (2006.01)

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(72) ARNOLD, Randy W.; O'NEILL, Michael L.

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(71) Komatsu Ltd.

(11) AU-A-2025226704

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(54) Unmanned vehicle control system and unmanned vehicle control method

(51) Int. Cl.

G08G 1/00 (2006.01)

G08G 1/09 (2006.01)

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(74) Spruson & Ferguson

(71) Kop-Coat, Inc.

(11) AU-A-2025226735

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(54) SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS

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A01N 33/02 (2006.01)

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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Krishnan Nair, H.

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(54) A tubular sleeve

(51) Int. Cl.

B32B 27/08 (2006.01)

B29C 48/08 (2019.01)

B32B 1/08 (2006.01)

B32B 27/30 (2006.01)

B32B 27/32 (2006.01)

B32B 37/12 (2006.01)

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(71) Krugel, D.

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(54) A METHOD AND DEVICE FOR DETECTING A MATERIAL

(51) Int. Cl.

G01V 9/00 (2006.01)

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(72) KRUGEL, Daniel

(74) Churchill Attorneys

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

(11) AU-A-2025201660

(21) 2025201660 (22) 07.03.2025

(54) GAS/LIQUID MIXER VIA DILUTION AND DIVISION

(51) Int. Cl.

B01F 27/191 (2022.01)

B01F 21/10 (2022.01)

B01F 23/233 (2022.01)

B01F 27/1144 (2022.01)

B01F 33/81 (2022.01)

(31) 2402335 (32) 08.03.24 (33) FR

(43) 25.09.2025

(72) Franck, Cousin; Bruno, Alban; Dominique, Ibarra

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Lemonex Inc.

(11) AU-A-2025226757

(21) 2025226757 (22) 04.09.2025

(54) Immunoreactant carrier

(51) Int. Cl.

A61K 9/16 (2006.01)

A61K 38/20 (2006.01)

A61K 38/21 (2006.01)

A61K 39/395 (2006.01)

A61P 35/00 (2006.01)

A61P 37/02 (2006.01)

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(72) WON, Cheol Hee

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(71) Lexicon Pharmaceuticals, Inc.

(11) AU-A-2025226854

(21) 2025226854 (22) 08.09.2025

(54) Use of sotagliflozin for the treatment of patients with type 1 diabetes mellitus

(51) Int. Cl.

A61K 31/351 (2006.01)

A61P 3/10 (2006.01)

(43) 25.09.2025

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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) LG Electronics, Inc.

(11) AU-A-2025226755

(21) 2025226755 (22) 04.09.2025

(54) APS SIGNALING-BASED VIDEO OR IMAGE CODING

(51) Int. Cl.

H04N 19/70 (2014.01)

H04N 19/117 (2014.01)

H04N 19/132 (2014.01)

H04N 19/44 (2014.01)

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(72) PALURI, Seethal; KIM, Seunghwan; ZHAO, Jie

(74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.

(11) AU-A-2025226782

(21) 2025226782 (22) 04.09.2025

(54) Robot cleaner

(51) Int. Cl.

A47L 9/28 (2006.01)

A47L 9/10 (2006.01)

A47L 9/16 (2006.01)

A47L 9/18 (2006.01)

B25J 9/00 (2006.01)

B25J 9/16 (2006.01)

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B25J 19/02 (2006.01)
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(74) FB Rice Pty Ltd

(71) LG Electronics Inc.
(11) AU-A-2025226791
(21) 2025226791 **(22)** 05.09.2025
(54) Refrigerator and method for controlling same
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25C 5/18 (2018.01)
F25D 23/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
(43) 25.09.2025
(62) 2023204204
(72) LEE, Donghoon; LEE, Wookyoung; SON, Sunggyun; LEE, Donghoon; YEOM, Seungseob; BAE, Yongjun; PARK, Chongyoung
(74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
(11) AU-A-2025226792
(21) 2025226792 **(22)** 05.09.2025
(54) Refrigerator and control method therefor
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 21/00 (2006.01)
F25D 21/08 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
(43) 25.09.2025
(62) 2023203969
(72) LEE, Donghoon; LEE, Wookyoung; PARK, Chongyoung; LEE, Donghoon; YEOM, Seungseob; BAE, Yongjun; SON, Sunggyun
(74) Dentons Patent Attorneys Australasia Limited

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(11) AU-A-2025226802
(21) 2025226802 **(22)** 05.09.2025
(54) Refrigerator and method for controlling the same
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)

(43) 25.09.2025
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(72) LEE, Donghoon; LEE, Wookyoung; YEOM, Seungseob; LEE, Donghoon; BAE, Yongjun; SON, Sunggyun; PARK, Chongyoung
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(71) Lindsey FireSense, LLC
(11) AU-A-2025223861
(21) 2025223861 **(22)** 29.08.2025
(54) ELECTRICAL POWER LINE MOUNTED FIRE WARNING SYSTEM
(51) Int. Cl.
G08B 25/06 (2006.01)
G08B 17/06 (2006.01)
G08B 17/10 (2006.01)
G08B 17/12 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2025201571 **(22)** 04.03.2025
(54) Rack for sport boards
(51) Int. Cl.
A47B 81/00 (2006.01)
B63B 32/83 (2020.01)
B63H 8/70 (2020.01)
H05K 7/14 (2006.01)
H05K 7/18 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys

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(21) 2025226720 **(22)** 03.09.2025
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G02B 27/00 (2006.01)
G02B 6/10 (2006.01)
G02B 27/01 (2006.01)
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(54) Agonistic CD40 antibodies
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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A61F 2/30 (2006.01)
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B63B 23/34 (2006.01)
B63B 23/52 (2006.01)
B63B 27/16 (2006.01)
B63B 27/08 (2006.01)
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F41G 1/30 (2006.01)
F41G 1/32 (2006.01)
F41G 1/38 (2006.01)
G02B 27/42 (2006.01)
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(72) PARKER, William; STRAUSS, Michael
(74) RnB IP Pty Ltd

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(21) 2025226818 **(22)** 05.09.2025
(54) Apparatus and method for preparing an analytical sample by borate fusion with electric heating
(51) Int. Cl.
G01N 1/44 (2006.01)
G01N 1/38 (2006.01)
G01N 21/31 (2006.01)
G01N 23/2202 (2018.01)
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G01N 1/44 (2006.01)
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A61K 45/06 (2006.01)
A61K 9/19 (2006.01)
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A61K 8/19 (2006.01)
A61K 8/25 (2006.01)
A61K 8/60 (2006.01)
A61K 8/66 (2006.01)
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A61M 11/00 (2006.01)
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C12N 15/09 (2006.01)
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C12N 5/076 (2010.01)
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(51) Int. Cl.
G01N 9/32 (2006.01)
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B65D 17/50 (2006.01)

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(51) Int. Cl.
A61K 48/00 (2006.01)
A61P 21/00 (2006.01)
A61P 39/06 (2006.01)
C07K 14/435 (2006.01)
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(51) Int. Cl.
A47C 1/032 (2006.01)
A47C 7/44 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys
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(51) Int. Cl.
G07F 17/32 (2006.01)
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(54) WIRE STRAINERS
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B25B 25/00 (2006.01)
E04H 17/26 (2006.01)
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(74) Ahearn Fox
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- (71)** Saferoads Pty Ltd
(11) AU-A-2025223892
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(54) Bollard assembly
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E01F 13/02 (2006.01)
E01F 9/631 (2016.01)
E01F 9/685 (2016.01)
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E02D 27/42 (2006.01)
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(72) HOTCHKIN, Darren
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- (71)** Salk Institute for Biological Studies
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(21) 2025223956 **(22)** 02.09.2025
(54) ONCOLYTIC ADENOVIRUS COMPOSITIONS WITH ENHANCED REPLICATION PROPERTIES
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C12N 7/01 (2006.01)
A61K 35/761 (2015.01)
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(51) Int. Cl.
A61P 21/00 (2006.01)
A61P 31/16 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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G01V 1/50 (2006.01)
G01V 1/28 (2006.01)
G01V 1/30 (2006.01)
G01V 1/34 (2006.01)
G01V 1/40 (2006.01)
G01V 1/52 (2006.01)
G01V 3/34 (2006.01)
G01V 9/00 (2006.01)
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(21) 2025201749 **(22)** 11.03.2025
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- (54)** ELECTRICAL DIFFERENTIAL PROTECTION DEVICE, ELECTRICAL INSTALLATION AND ASSOCIATED CONTROL METHOD
(51) Int. Cl.
H02H 3/33 (2006.01)
G01R 15/14 (2006.01)
G01R 19/165 (2006.01)
G01R 21/06 (2006.01)
G01R 31/52 (2020.01)
H02H 1/06 (2006.01)
H02H 3/16 (2006.01)
H02H 7/26 (2006.01)
H02M 1/00 (2007.01)
(31) 2402407 **(32)** 11.03.24 **(33)** FR
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(21) 2025201512 **(22)** 01.03.2025
(54) SIGNAL EXTRACTION AND ALARMING FOR ENERGY MANAGEMENT
(51) Int. Cl.
G06Q 50/06 (2024.01)
(31) 18/597,255 **(32)** 06.03.24 **(33)** US
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(72) Menzel, Johannes; Gaffet, Clément
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(54) METHODS AND SYSTEMS FOR ENERGY ANALYTICS
(51) Int. Cl.
G06Q 50/06 (2024.01)
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(54) Shank and packing forces for furrow openers
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A01C 5/06 (2006.01)
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A01H 5/00 (2018.01)
C12Q 1/68 (2018.01)

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(51) Int. Cl.
E21D 21/00 (2006.01)
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F16B 13/00 (2006.01)
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(74) Peter WANG ipspeedyau@outlook.com
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- (71) Smith, F.
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E21F 11/00 (2006.01)
F21L 4/02 (2006.01)
F21V 21/36 (2006.01)
G08B 5/36 (2006.01)
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A61K 31/702 (2006.01)
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H04W 4/80 (2018.01)
G06K 19/07 (2006.01)
H04N 1/00 (2006.01)
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H04N 21/435 (2011.01)
H04N 21/431 (2011.01)
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A01D 43/14 (2006.01)
A01D 46/08 (2006.01)
A62C 3/04 (2006.01)
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B23Q 11/04 (2006.01)
B25B 21/00 (2006.01)
B25F 5/00 (2006.01)
B27B 17/08 (2006.01)
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(54) Capacitive voltage sensor arrangement having a tuning circuit and voltage sensor system
(51) Int. Cl.
G01R 19/00 (2006.01)
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B29C 70/02 (2006.01)
B29C 64/141 (2017.01)
B32B 5/02 (2006.01)
B33Y 10/00 (2015.01)
B33Y 80/00 (2015.01)
(31) 63/561,374 (32) 05.03.24 (33) US
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 A61K 31/4985 (2006.01)
 A61K 31/155 (2006.01)
 A61K 31/7034 (2006.01)
 A61K 31/7048 (2006.01)
 A61P 3/08 (2006.01)
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 (54) Semi-autonomous refuse collection
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 B65F 3/04 (2006.01)
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 (72) MARONEY, Stanley L.; LEWIS, David G.; WILLIAMS, Robert B.
 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.
 C12N 5/0793 (2010.01)
 A61K 35/20 (2006.01)
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 (72) CANTO-SOLER, Maria Valeria; FLORES BELLVER, Miguel; LI, Kang; APARICIO DOMINGO, Silvia
 (74) FPA Patent Attorneys Pty Ltd

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 A45F 3/18 (2006.01)
 B65D 39/08 (2006.01)
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 G07F 17/32 (2006.01)
 G06Q 20/36 (2012.01)
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 (54) VEHICLE HAVING A MOVABLE CAB AND ACTUATOR
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 B62D 33/063 (2006.01)
 B61C 17/04 (2006.01)
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 (54) Back contact solar cell and solar cell module
 (51) Int. Cl.
 H10F 10/14 (2025.01)
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 (72) HU, Yunyun; ZONG, Jianpeng; HAN, Binglun; LIU, Wei; CHEN, Daming
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 (72) Aaron, Ian B.; Ribeiro, Claudio Santiago; Ghomeshi, Mohammed Mansour; Aloumanis, Peter; Leizerovich, Gustavo Dario
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(71) Unigen, Inc.
 (11) AU-A-2025226742
 (21) 2025226742 (22) 04.09.2025
 (54) Compositions for regulating homeostasis of cortisol and improving sleep quality and methods of use and production thereof
 (51) Int. Cl.
 A61K 31/423 (2006.01)
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 A61P 25/00 (2006.01)
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 (11) AU-A-2025226684
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 (54) IMPROVEMENTS IN AND RELATING TO ROAD BARRIERS AND PARTS AND FITTINGS THEREFOR
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 E01F 15/08 (2006.01)
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 (72) BROWN, Leigh Robert
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(71) Veo Technologies ApS
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G06Q 30/06 (2023.01)
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(72) GORDON, Lee-ann
(74) Cousins Patent Attorneys Limited

(71) Virginia Tech Intellectual Properties, Inc.
(11) AU-A-2025226844
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(54) Apparatus for dewatering and demineralization of fine particles
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(72) YOON, Roe-Hoan; LUTTRELL, Gerald; GUPTA, Nikhil
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(71) vTv Therapeutics LLC
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(21) 2025226784 (22) 04.09.2025
(54) Substituted fused imidazole derivatives and methods of treating sickle cell disease and related complications
(51) Int. Cl.
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(72) ATTUCKS, Otis Clinton
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(71) Wait, R.
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(21) 2024201497 (22) 07.03.2024
(54) Machinery Implement Cradle
(51) Int. Cl.
E21B 19/14 (2006.01)
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(72) Wait, Richard
(74) Richard Wait

(71) Wang, T.
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(21) 2024201587 (22) 10.03.2024
(54) A Board Equipped with Solar Powered Light Emitting Diode Lights and a Suction Cup

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F21S 9/03 (2006.01)
F21K 9/00 (2016.01)
F21V 21/092 (2006.01)
F21V 23/00 (2015.01)
G09F 7/12 (2006.01)
B60Q 1/26 (2006.01)
G09F 7/18 (2006.01)
G09F 13/00 (2006.01)
G09F 13/02 (2006.01)
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F21Y 115/10 (2016.01)
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(72) Wang, Teng
(74) Teng Wang

(71) Washington University
(11) AU-A-2025226659
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(54) Multiplexed assay and methods of use thereof
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G16H 50/50 (2018.01)
A61B 5/00 (2006.01)
G01N 33/68 (2006.01)
(43) 25.09.2025
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(72) BATEMAN, Randall; BUDELIER, Melissa
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Wilcox Industries Corp.
(11) AU-A-2025201222
(21) 2025201222 (22) 20.02.2025
(54) Riser Assembly With Integral Power Supply And Weapon System Employing The Same
(51) Int. Cl.
F41G 11/00 (2006.01)
F41C 23/14 (2006.01)
F41G 1/00 (2006.01)
(31) 63/563,395 (32) 10.03.24 (33) US
(43) 25.09.2025
(72) TEETZEL, James W.; BEAULIEU, Joshua R.
(74) WRAYS PTY LTD

(71) Work Air Technologies Pty Ltd
(11) AU-A-2025201657
(21) 2025201657 (22) 06.03.2025
(54) SYSTEM AND METHOD FOR LOWERING THE OPERATING TEMPERATURE OF AN OEM VEHICLE AIR CONDITIONING SYSTEM
(51) Int. Cl.
B60H 1/32 (2006.01)
F24F 11/30 (2018.01)
F24F 11/62 (2018.01)
F24F 11/80 (2018.01)
G05D 23/19 (2006.01)
G05D 23/24 (2006.01)
G05B 15/02 (2006.01)
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(43) 25.09.2025
(72) KNOWLES, Gregory; RANDALL, Jeremy
(74) Elliptic Legal & Patent Services

(71) YU, C.
(11) AU-A-2024201555
(21) 2024201555 (22) 08.03.2024
(54) THERMAL CONDUCTIVE DEVICE OF DRUM ROASTER
(51) Int. Cl.
A23N 12/10 (2006.01)
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(72) YU, CHING-CHUAN; YU, CHEN-WEI
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(71) 11584022 CANADA INC. (11) AU-A-2023430689 (21) 2023430689 (22) 29.12.2023 (54) ANTI-WRINKLE SKINCARE COMPOSITION COMPRISING A STABLE HOMOGENEOUS AQUEOUS SUSPENSION OF BIOPOLYMERS (51) Int. Cl. A61K 8/72 (2006.01) A61K 8/04 (2006.01) A61K 8/73 (2006.01) A61Q 19/08 (2006.01) (87) WO2024/170955 (31) 63/485,000 (32) 14.02.23 (33) US (43) 22.08.2024 (72) DI NARDO, Thomas; DECKNER, George (74) FPA Patent Attorneys Pty Ltd	(54) SURFACE MODIFICATION OF MEDICAL DEVICES (51) Int. Cl. A61M 60/13 (2021.01) A61L 27/30 (2006.01) A61M 60/855 (2021.01) A61M 60/90 (2021.01) (87) WO2024/187074 (31) 63/450,998 (32) 09.03.23 (33) US (43) 12.09.2024 (72) GILMAN, Vladimir; CORBETT, Scott (74) Davies Collison Cave Pty Ltd	(87) WO2024/213110 (31) PCT/ CN2023/088000 (32) 13.04.23 (33) CN (43) 17.10.2024 (72) LUO, Peter Peizhi; DU, Fangyong; LI, Yan; LIU, Guizhong (74) AJ PARK
(71) 3SPINE, INC. (11) AU-A-2024221378 (21) 2024221378 (22) 15.02.2024 (54) SPINAL REALIGNMENT AND ARTHRODESIS (51) Int. Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) (87) WO2024/173688 (31) 63/445,954 (32) 15.02.23 (33) US (43) 22.08.2024 (72) DAVIS, Christian; PETERMAN, Marc; HUMPHREYS, Steven; HODGES, Scott; YARBROUGH, Ron; MACCALLUM, Heath; DAMITO, Samantha; MONTEIRO, Miguel (74) Griffith Hack	(71) ACELOT, INC. (11) AU-A-2024250367 (21) 2024250367 (22) 12.04.2024 (54) COMPOUNDS AND METHODS FOR TREATING PROTEIN AGGREGATION DISEASES (51) Int. Cl. A61K 31/495 (2006.01) A61P 3/10 (2006.01) C07D 241/04 (2006.01) (87) WO2024/216203 (31) 63/459,198 (32) 13.04.23 (33) US (43) 17.10.2024 (72) SINGH, Ambuj K.; SCHWARZ, Jacob B.; WHITEHEAD, Lewis (74) RnB IP	(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2024236967 (21) 2024236967 (22) 13.03.2024 (54) LIQUID COMPOSITIONS CONTAINING 5-(FLUORO-4-IMINO-3-METHYL)-1-TOSYL-3,4 DI-HYDROPYRIMIDINE-(1H)-ONE AND DERIVATIVES THEREOF AND A UV ABSORBER (51) Int. Cl. A01N 43/54 (2006.01) A01N 25/04 (2006.01) A01N 25/22 (2006.01) A01N 25/30 (2006.01) A01P 3/00 (2006.01) (87) WO2024/189563 (31) 63/452,140 (32) 14.03.23 (33) US (43) 19.09.2024 (72) LERNER YARDENI, Jenny; SERT-CHOOK, Hanan; PANARIN, Anna (74) Davies Collison Cave Pty Ltd
(71) AB INITIO TECHNOLOGY LLC (11) AU-A-2024241329 (21) 2024241329 (22) 22.03.2024 (54) LOGICAL ACCESS FOR PREVIEWING EXPANDED VIEW DATASETS (51) Int. Cl. G06F 16/26 (2019.01) G06F 16/957 (2019.01) G06F 16/958 (2019.01) (87) WO2024/197264 (31) 63/491,921 (32) 23.03.23 (33) US (43) 26.09.2024 (72) PARKS, Robert; EGENOLF, Jonah; SCHECHTER, Ian (74) RnB IP Pty Ltd	(71) ACTEGA GMBH (11) AU-A-2023436151 (21) 2023436151 (22) 11.03.2023 (54) BUTENE (CO)POLYMER-BASED SEALING MATERIAL FOR CONTAINER CLOSURES (51) Int. Cl. C08L 23/22 (2006.01) B29D 99/00 (2010.01) B32B 27/32 (2006.01) B65D 53/02 (2006.01) B65D 53/06 (2006.01) C08L 23/20 (2006.01) (87) WO2024/188441 (43) 19.09.2024 (72) MÄNGEL, Dany; KERN, Matthias (74) FB Rice Pty Ltd	(71) AD ASTRA EHF (11) AU-A-2024221660 (21) 2024221660 (22) 15.02.2024 (54) FLOW CONTROL TRAY FOR ALGAE CULTIVATION WITH ELEVATIONS (51) Int. Cl. C12M 1/00 (2006.01) C12M 1/06 (2006.01) C12M 1/34 (2006.01) (87) WO2024/170666 (31) 23156835.3 (32) 15.02.23 (33) EP (43) 22.08.2024 (72) PODOLA, Björn; MAYER, Roy; BLONDAL, David (74) WRAYS PTY LTD
(71) ABIOMED, INC. (11) AU-A-2024233943 (21) 2024233943 (22) 08.03.2024	(71) ADAGENE PTE. LTD. (11) AU-A-2024252871 (21) 2024252871 (22) 12.04.2024 (54) ANTI-CTLA4 ANTIBODIES AND METHODS OF MAKING AND USING THE SAME (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/00 (2006.01) C07K 16/42 (2006.01)	(71) AIZEN GLOBAL CO., INC. (11) AU-A-2023429195 (21) 2023429195 (22) 05.12.2023 (54) METHOD FOR DETERMINING ELECTRIC ENERGY VALUE BY CONSIDERING ELECTRIC ENERGY USAGE STATISTICS IN EV ECO-SYSTEM, AND DEVICE FOR PERFORMING METHOD (51) Int. Cl. G06Q 50/40 (2024.01) B60L 53/64 (2019.01) G06F 17/18 (2006.01) G06Q 30/02 (2023.01)

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 (51) Int. Cl.
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G06V 40/18 (2022.01)
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A61P 35/00 (2006.01)
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 B29C 48/12 (2019.01)
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 C12N 15/63 (2006.01)
 C12Q 1/66 (2006.01)
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 C09D 7/20 (2018.01)
 C09D 7/61 (2018.01)
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A61B 90/00 (2016.01)
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G08B 7/06 (2006.01)
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F16L 1/16 (2006.01)
F16L 3/04 (2006.01)
H02G 9/02 (2006.01)
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A61K 31/4155 (2006.01)
A61K 31/4166 (2006.01)
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A61P 35/00 (2006.01)
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A01P 21/00 (2006.01)
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A61K 31/5355 (2006.01)
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A61P 35/00 (2006.01)
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C12N 9/02 (2006.01)
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A46B 15/00 (2006.01)
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A61K 39/00 (2006.01)
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A61P 37/00 (2006.01)
C07K 14/725 (2006.01)
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C01B 3/02 (2006.01)
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C01C 1/04 (2006.01)
C10J 3/00 (2006.01)
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G06F 11/07 (2006.01)
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H04Q 9/04 (2006.01)
H04W 56/00 (2009.01)
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H04J 3/06 (2006.01)
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B60W 30/182 (2020.01)
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A46B 5/00 (2006.01)
A46B 15/00 (2006.01)
A61C 17/22 (2006.01)
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G01N 33/53 (2006.01)
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A61K 31/7088 (2006.01)
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A61P 31/00 (2006.01)
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C07C 15/00 (2006.01)
C12N 15/00 (2006.01)
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C07K 16/00 (2006.01)
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C07K 16/30 (2006.01)
C12N 15/10 (2006.01)
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G16H 20/30 (2018.01)
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G01N 21/01 (2006.01)
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A61K 31/4985 (2006.01)
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C07D 487/04 (2006.01)
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F21V 19/00 (2006.01)
F21K 9/20 (2016.01)
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C12N 15/864 (2006.01)
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A61B 3/18 (2006.01)
A61B 5/16 (2006.01)
G02B 27/01 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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B02C 23/02 (2006.01)
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G02B 1/11 (2015.01)
B29D 11/00 (2006.01)
G01M 11/00 (2006.01)
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C10L 1/08 (2006.01)
C10L 1/14 (2006.01)
C10L 1/23 (2006.01)
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F02D 19/06 (2006.01)
F02M 21/02 (2006.01)
F02M 37/00 (2006.01)
F23R 3/34 (2006.01)
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A61L 9/20 (2006.01)
C02F 1/32 (2023.01)
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B63B 1/10 (2006.01)
F03D 13/25 (2016.01)
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A61M 25/00 (2006.01)
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C12N 15/67 (2006.01)
C12N 15/85 (2006.01)
C12P 19/34 (2006.01)
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(54) HAUL TRUCK WITH MODULAR DRIVE SYSTEM
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B60L 1/00 (2006.01)
B60L 9/00 (2019.01)
B60L 15/00 (2006.01)
B60L 50/13 (2019.01)
B60L 50/50 (2019.01)
B60L 50/51 (2019.01)
B60L 50/53 (2019.01)
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B60L 50/61 (2019.01)
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B60L 50/10 (2019.01)
B60K 6/20 (2007.10)
B60K 6/40 (2007.10)
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G05B 13/04 (2006.01)
G06N 20/00 (2019.01)
G06Q 50/06 (2024.01)
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G06Q 10/08 (2024.01)
B65G 47/44 (2006.01)
B65G 47/46 (2006.01)
B65G 67/04 (2006.01)
B65G 67/24 (2006.01)
G05D 1/648 (2024.01)
G05D 1/69 (2024.01)
G05D 105/28 (2024.01)
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A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
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A61M 5/165 (2006.01)
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G08G 5/00 (2006.01)
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C12N 15/86 (2006.01)
A61K 35/761 (2015.01)
A61P 31/18 (2006.01)
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C12N 5/0793 (2010.01)
C12N 1/00 (2006.01)
C12N 5/079 (2010.01)
C12N 5/10 (2006.01)
C12Q 1/02 (2006.01)
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F24D 3/00 (2022.01)
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C12N 1/04 (2006.01)
A61K 9/107 (2006.01)
A61K 35/17 (2015.01)
A61K 47/12 (2006.01)
A61K 47/20 (2006.01)
A61K 47/26 (2006.01)
A61K 47/42 (2017.01)
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
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G06F 16/13 (2019.01)
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G06F 16/358 (2025.01)
H04M 3/493 (2006.01)
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B82Y 15/00 (2011.01)
C12Q 1/6883 (2018.01)
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G06N 10/80 (2022.01)
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C25B 15/00 (2006.01)
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H01R 13/627 (2006.01)
A45F 5/00 (2006.01)
B60R 11/00 (2006.01)
F16M 11/04 (2006.01)
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H04N 19/44 (2014.01)
G06N 3/04 (2023.01)
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G16H 30/40 (2018.01)
A61B 5/02 (2006.01)
G16H 50/20 (2018.01)
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A23K 50/40 (2016.01)
C12Q 1/04 (2006.01)
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A01K 61/10 (2017.01)
A01K 63/04 (2006.01)
C02F 1/72 (2023.01)
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G01R 31/72 (2020.01)
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C07D 401/14 (2006.01)
A61K 31/4155 (2006.01)
A61P 3/10 (2006.01)
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H04B 1/1716 (2011.01)
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B29C 45/17 (2006.01)
B65D 41/34 (2006.01)
B65D 55/08 (2006.01)
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 NUMBER OF ACTIVE ELECTROLYSIS
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 C25B 1/04 (2021.01)
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 STACKS
 (51) Int. Cl.
 C25B 9/60 (2021.01)
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 C25B 15/02 (2021.01)
 C25B 15/08 (2006.01)
 H01M 8/04089 (2016.01)
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 H01M 8/24 (2016.01)
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 F17C 3/00 (2006.01)
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 C12N 5/00 (2006.01)
 A61K 35/14 (2015.01)
 G01N 33/96 (2006.01)
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 A61K 31/4155 (2006.01)
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 A61P 35/00 (2006.01)
 C07D 487/04 (2006.01)
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 B60C 11/00 (2006.01)
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 B29D 30/54 (2006.01)
 B60C 11/03 (2006.01)
 B60C 11/04 (2006.01)
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H04L 67/10 (2022.01)
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A01N 43/54 (2006.01)
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C07C 27/02 (2006.01)
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A61K 31/7068 (2006.01)
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C07D 401/06 (2006.01)
A61K 31/55 (2006.01)
A61P 19/02 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
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C12Q 1/6886 (2018.01)
G16B 25/10 (2019.01)
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H03H 7/01 (2006.01)
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A61P 29/00 (2006.01)
C07D 233/88 (2006.01)
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A61K 9/127 (2006.01)
C07K 14/705 (2006.01)
C12N 5/078 (2010.01)
C12P 21/00 (2006.01)
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C07D 498/14 (2006.01)
A61K 31/53 (2006.01)
A61K 31/5383 (2006.01)
A61P 31/12 (2006.01)
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 (51) Int. Cl.
C22B 26/12 (2006.01)
C01D 15/02 (2006.01)
C22B 1/02 (2006.01)
C22B 3/00 (2006.01)
C22B 3/06 (2006.01)
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C07K 16/28 (2006.01)
A61K 35/12 (2015.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)
C07K 19/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
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(74) LAMINAR IP PTY LTD
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B44C 1/17 (2006.01)
B32B 37/26 (2006.01)
B41M 3/12 (2006.01)
G03G 7/00 (2006.01)
B41M 5/025 (2006.01)
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B44C 1/16 (2006.01)
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A63F 13/2145 (2014.01)
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G16H 50/30 (2018.01)
A61B 5/00 (2006.01)
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C21D 8/02 (2006.01)
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B60L 53/80 (2019.01)
E21B 34/00 (2006.01)
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C11D 3/386 (2006.01)
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A61K 31/335 (2006.01)
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A61K 35/74 (2015.01)
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A61K 36/48 (2006.01)
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A01C 7/16 (2006.01)
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D06F 34/18 (2020.01)
D06F 58/38 (2020.01)
D06F 103/08 (2020.01)
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G06F 40/284 (2020.01)
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H02J 1/10 (2006.01)
H02J 3/38 (2006.01)
H02J 4/00 (2006.01)
H02J 7/14 (2006.01)
H02J 15/00 (2006.01)
H02J 50/10 (2016.01)
H02M 5/34 (2006.01)
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G06F 1/16 (2006.01)
G05G 5/04 (2006.01)
G06F 3/01 (2006.01)
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C11D 3/12 (2006.01)
C11D 3/39 (2006.01)
C11D 3/395 (2006.01)
C11D 11/00 (2006.01)
C11D 17/00 (2006.01)
C11D 17/06 (2006.01)
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C07K 16/24 (2006.01)
G01N 33/50 (2006.01)
G01N 33/569 (2006.01)
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F16L 37/091 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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B09C 1/10 (2006.01)
B09B 3/60 (2022.01)
B09B 3/70 (2022.01)
B09B 101/85 (2022.01)
B09B 101/90 (2022.01)
C12R 1/00 (2006.01)
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A61P 9/10 (2006.01)
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G06F 18/26 (2023.01)
G06F 18/20 (2023.01)
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G05D 1/00 (2024.01)
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C08K 3/04 (2006.01)
C08J 3/20 (2006.01)

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B29B 17/04 (2006.01)
B09B 3/35 (2022.01)
B29B 17/00 (2006.01)
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C08J 11/06 (2006.01)
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A61K 8/26 (2006.01)
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A61Q 1/00 (2006.01)
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TRODUCING AND MONITORING A
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A61F 2/04 (2013.01)
A61B 17/11 (2006.01)
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F03G 4/00 (2006.01)
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SIMPKINS, Douglas
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FOR TURNING AND POSITIONING A
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A61G 7/00 (2006.01)
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A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/388 (2021.01)
A61N 1/05 (2006.01)
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ALLOCATING CATEGORIES OF
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G06Q 30/0242 (2023.01)
G06F 18/231 (2023.01)
G06Q 10/0639 (2023.01)
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A61K 35/33 (2015.01)
A61P 17/00 (2006.01)
A61P 17/02 (2006.01)
A61Q 19/00 (2006.01)
C12N 5/077 (2010.01)
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C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
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Addison
(74) RNB IP PTY LTD

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FERNANDES, J.; CHARLES, E.J.M.;
WRIGHT, A.; HIGGINS, S.; DENNY, S.;
DEMAREE, B.; WHITE, R.; OAKES, B.;
DEITER, F.
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FOR THE TARGETING OF PCSK9
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C12N 9/10 (2006.01)
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A61K 47/65 (2017.01)
A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
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(54) POLYMORPH AS PROTEIN KINASE MEK INHIBITOR, AND PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07D 277/62 (2006.01)
A61K 31/428 (2006.01)
A61P 1/00 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 17/00 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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E04H 12/24 (2006.01)
E04H 12/10 (2006.01)
H02G 7/20 (2006.01)
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C07D 209/44 (2006.01)
A61K 31/4035 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
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B60P 7/13 (2006.01)
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G01N 33/566 (2006.01)
B82Y 30/00 (2011.01)
C12Q 1/6816 (2018.01)
G01N 21/76 (2006.01)
G01N 33/58 (2006.01)
G01N 33/68 (2006.01)
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B61C 15/10 (2006.01)
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C04B 20/00 (2006.01)
C04B 28/02 (2006.01)
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C04B 28/02 (2006.01)
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A23G 1/52 (2006.01)
A23G 1/00 (2006.01)
A23P 30/40 (2016.01)
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(51) Int. Cl.
H01M 8/04089 (2016.01)
H01M 8/0432 (2016.01)

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A61B 17/04 (2006.01)
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(54) PPT1 GENE THERAPY
(51) Int. Cl.
A61K 38/46 (2006.01)
A61K 48/00 (2006.01)
A61P 25/08 (2006.01)
A61P 25/28 (2006.01)
C12N 15/52 (2006.01)
C12N 15/86 (2006.01)
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C12N 9/24 (2006.01)
A01N 63/12 (2020.01)
A01N 63/14 (2020.01)
A01N 63/20 (2020.01)
C12N 9/18 (2006.01)
C12N 9/20 (2006.01)
C12N 9/50 (2006.01)
A01H 5/10 (2018.01)
C12N 15/82 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) BENZIMIDAZOLE AND RELATED ANALOGS FOR INHIBITING YAP/TAZ-TEAD
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/166 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/33 (2006.01)
(87) WO2024/238738
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(74) FB Rice Pty Ltd
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(54) DOSAGE FORMS OF MIRDAMETINIB
(51) Int. Cl.
A61K 31/166 (2006.01)
A61K 9/14 (2006.01)
A61K 9/20 (2006.01)
A61K 31/216 (2006.01)
A61K 45/06 (2006.01)
A61P 25/00 (2006.01)
A61P 35/00 (2006.01)
C07C 259/10 (2006.01)
(87) WO2024/192388
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(21) 2024232868 **(22)** 07.03.2024
(54) SYSTEMS AND METHODS FOR MULTIMODAL ELECTRICAL STIMULATION
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
(87) WO2024/186995
(31) 63/450,468 **(32)** 07.03.23 **(33)** US
(43) 12.09.2024
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(54) STERILIZATION POUCH COMPRISING A POROUS NONWOVEN FABRIC
(51) Int. Cl.
D04H 3/007 (2012.01)
A61B 50/20 (2016.01)
A61B 50/30 (2016.01)
D04H 3/14 (2012.01)
(87) WO2024/189066
(31) FR2302304 **(32)** 13.03.23 **(33)** FR
(43) 19.09.2024
(72) CORNET, Eva; AUFRAY, Clémentine; SABARD, Mathieu
(74) Griffith Hack
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- (71)** ST-GEORGES ECO-MINING CORP.
(11) AU-A-2024218169
(21) 2024218169 **(22)** 12.02.2024
(54) METHOD OF LITHIUM RECOVERY FROM HARD ROCK RESOURCES
(51) Int. Cl.
C22B 3/06 (2006.01)
B01D 9/02 (2006.01)
B01D 11/02 (2006.01)
B01D 36/00 (2006.01)
C22B 1/00 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
C22B 21/00 (2006.01)
C22B 26/12 (2006.01)
(87) WO2024/164095
(31) 63/444,747 **(32)** 10.02.23 **(33)** US
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(72) DI CESARE, Enrico; BOUDREAU, Mathieu
(74) AJ PARK
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- (71)** SUMITOMO CHEMICAL COMPANY, LIMITED
(11) AU-A-2024241381
(21) 2024241381 **(22)** 15.03.2024
(54) POLYNUCLEOTIDE
(51) Int. Cl.
C12N 15/12 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/63 (2006.01)
C12Q 1/02 (2006.01)
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(43) 26.09.2024
(72) SASAOKA, Norio; TAKAHASHI, Yasuhiko; KOBAYASHI, Kentaro
(74) Spruson & Ferguson
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- (71)** SUMITOMO HEAVY INDUSTRIES, LTD.
(11) AU-A-2024240903
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(54) BOIL-OFF GAS RE-CONDENSATION DEVICE
(51) Int. Cl.

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(71) SUNGROW POWER SUPPLY CO., LTD. (11) AU-A-2023430385 (21) 2023430385 (22) 25.08.2023 (54) BATTERY CASE (51) Int. Cl. H01M 50/244 (2021.01) H01M 50/24 (2021.01) (87) WO2024/169150 (31) 202320268819.0 (32) 14.02.23 (33) CN (43) 22.08.2024 (72) HUANG, Shuqiang; MAO, Junjie (74) Davies Collison Cave Pty Ltd	(71) TAGWORKS PHARMACEUTICALS B.V. (11) AU-A-2024237490 (21) 2024237490 (22) 11.03.2024 (54) TRANS-CYCLOOCTENE WITH IMPROVED T-LINKER (51) Int. Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) (87) WO2024/191293 (31) 23161339.9 (32) 10.03.23 (33) EP 23161604.6 13.03.23 EP 23174613.2 22.05.23 EP 23216318.8 13.12.23 EP 23217334.4 15.12.23 EP (43) 19.09.2024 (72) ROSSIN, Raffaella; ROBILLARD, Marc Stefan; KLEIJN, Laurens Henri Johan; VERSTEEGEN, Ronny Mathieu (74) FB Rice Pty Ltd	(71) TEH YOR CO., LTD. (11) AU-A-2024288623 (21) 2024288623 (22) 03.07.2024 (54) WINDOW SHADE AND ACTUATING SYSTEM THEREOF (51) Int. Cl. E06B 9/322 (2006.01) (87) WO2025/014729 (31) 63/525,530 (32) 07.07.23 (33) US (43) 16.01.2025 (72) HUANG, Chin-Tien; WU, Wen-Chin (74) FB Rice Pty Ltd
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G01S 7/02 (2006.01)
G01S 7/03 (2006.01)
G01S 7/40 (2006.01)
G01S 13/02 (2006.01)
G01S 13/42 (2006.01)
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H01Q 3/26 (2006.01)
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(11) AU-A-2024226127
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(54) METHODS FOR DIAGNOSING AND TREATING OVARIAN CANCER
(51) Int. Cl.
C12Q 1/6886 (2018.01)
A61K 31/519 (2006.01)
G01N 33/574 (2006.01)
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(11) AU-A-2024237592
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(54) A HELMET ARRANGEMENT
(51) Int. Cl.
A42B 3/12 (2006.01)
A42C 2/00 (2006.01)
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C07C 233/91 (2006.01)
A61K 31/165 (2006.01)
A61K 31/336 (2006.01)
A61K 31/351 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07C 233/90 (2006.01)
C07C 243/32 (2006.01)
C07C 321/20 (2006.01)
C07D 303/48 (2006.01)
C07D 309/06 (2006.01)
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(54) ANTI-CD276 AND ANTI-CD99 LOGIC GATED CHIMERIC ANTIGEN RECEPTORS FOR THE TREATMENT OF CANCER
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/725 (2006.01)
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(31) 63/489,724 (32) 10.03.23 (33) US
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(72) VENKATARAMAN, Sujatha; KOHLER, Mark Eric
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024236530
(21) 2024236530 (22) 13.03.2024
(54) GENERATION OF CAR MODIFIERS FOR TUMOR TREATMENT
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 35/17 (2015.01)
C07K 14/495 (2006.01)
C12N 15/62 (2006.01)
C07K 14/70 (2006.01)
C07K 14/71 (2006.01)
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(11) AU-A-2024237910
(21) 2024237910 (22) 15.03.2024
(54) COMBINATIONS OF RETINAL-DEHYDE DEHYDROGENASE 1 (RALDH1) INHIBITORS AND IMMUNOSTIMULATORS AND METHODS USING SAME
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/445 (2006.01)
A61K 31/47 (2006.01)
A61K 31/496 (2006.01)
A61K 31/33 (2006.01)
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(74) RnB IP
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(21) 2023437495 (22) 04.12.2023
(54) FLUORINATED MU-OPIOID RECEPTOR AGONISTS
(51) Int. Cl.
C07D 235/06 (2006.01)
A61K 31/4184 (2006.01)
A61P 23/00 (2006.01)
A61P 25/36 (2006.01)
A61P 29/00 (2006.01)
C07D 235/10 (2006.01)
C07D 235/12 (2006.01)
(87) WO2024/196438
(31) 63/452,879 (32) 17.03.23 (33) US
(43) 26.09.2024
(72) MICHAELIDES, Michael; GOMEZ, Juan, L.; RICE, Kenner, C.; SULIMA, Agnieszka; BAUMANN, Michael, H.
(74) Spruson & Ferguson
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(11) AU-A-2024241314
(21) 2024241314 (22) 18.03.2024
(54) A PROCESS FOR PRODUCING HYDROGEN
(51) Int. Cl.
C01B 3/26 (2006.01)
B01J 10/00 (2006.01)
B01J 23/14 (2006.01)
B01J 35/27 (2024.01)
C01B 32/05 (2017.01)
(87) WO2024/192463
(31) 2023900742 (32) 17.03.23 (33) AU
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(72) ABDOLLAHI, Mohammad Reza
(74) Madderns Pty Ltd
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R&D CORPORATION
(11) AU-A-2024242884
(21) 2024242884 (22) 01.03.2024
(54) DENTAL COMPOSITION AND METHOD FOR PRODUCING DENTAL COMPOSITION
(51) Int. Cl.
A61K 6/77 (2020.01)
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(87) WO2024/202945
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(43) 03.10.2024
(72) IMAZATO, Satoshi; KITAGAWA, Haruaki; YAMASHITA, Miki; SHOJI, Takumi; AKIYAMA, Ayaka; KONO, Tomoki
(74) Spruson & Ferguson

(71) THE UNIVERSITY OF TOKYO
(11) AU-A-2024233883
(21) 2024233883 (22) 04.03.2024
(54) IMMUNOGLOBULIN
(51) Int. Cl.
C07K 16/46 (2006.01)
A23K 20/147 (2016.01)
A23L 33/18 (2016.01)
A61K 39/395 (2006.01)
A61P 31/04 (2006.01)
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C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/62 (2006.01)
C12P 21/08 (2006.01)
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(31) 2023-033251 (32) 03.03.23 (33) JP
(43) 12.09.2024
(72) SHINKURA Reiko
(74) PHILLIPS ORMONDE FITZPATRICK

(71) THYSSENKRUPP NUCERA AG & CO.
KGAA
(11) AU-A-2024237545
(21) 2024237545 (22) 18.03.2024
(54) METHOD FOR GENERATING AND TREATING A TWO-PHASE OUTFLOW FROM ONE OR MORE PRESSURIZED ELECTROLYSER STACKS AND ELECTROLYSER SYSTEM COMPRISING ONE OR MORE INDIVIDUAL PRESSURIZED ELECTROLYSER STACKS
(51) Int. Cl.
B01D 19/00 (2006.01)
B04C 5/04 (2006.01)
C25B 1/04 (2021.01)
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(31) PA202300238 (32) 16.03.23 (33) DK
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(72) SCHULTZ-FALK, Vickie; GØBEL FÜCHTBAUER, Henrik
(74) Griffith Hack

(71) TONGWEI SOLAR (MEISHAN) CO.,
LTD.
(11) AU-A-2024343147
(21) 2024343147 (22) 26.07.2024

(54) DIELECTRIC LAYER, PREPARATION METHOD, SOLAR CELL, AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 23/00 (2006.01)
C23C 16/40 (2006.01)
C23C 16/455 (2006.01)
(87) WO2025/055568
(31) 202311168836.8 (32) 12.09.23 (33) CN
(43) 20.03.2025
(72) ZHOU, Fan; ZHOU, Hua
(74) FPA Patent Attorneys Pty Ltd

(71) TOPPAN HOLDINGS INC.
(11) AU-A-2024244659
(21) 2024244659 (22) 15.02.2024
(54) ELECTRODE CATALYST LAYER AND MEMBRANE ELECTRODE ASSEMBLY
(51) Int. Cl.
C25B 11/056 (2021.01)
C25B 9/00 (2021.01)
C25B 9/23 (2021.01)
C25B 11/052 (2021.01)
C25B 13/08 (2006.01)
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(31) 2023-051806 (32) 28.03.23 (33) JP
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(72) MORIOKA Hiroyuki
(74) PHILLIPS ORMONDE FITZPATRICK

(71) TOPSOE BATTERY MATERIALS A/S
(11) AU-A-2024256228
(21) 2024256228 (22) 19.04.2024
(54) CATHODE ACTIVE MATERIAL HAVING SPINEL STRUCTURE
(51) Int. Cl.
C01G 53/00 (2006.01)
H01M 4/505 (2010.01)
H01M 4/525 (2010.01)
(87) WO2024/218282
(31) 23168969.6 (32) 20.04.23 (33) EP
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(72) HØJBERG, Jonathan; ELKJÆR, Christian Fink; HØJ, Jacob Weiland; DAHL, Søren
(74) Griffith Hack

(71) TORAY INDUSTRIES, INC.
(11) AU-A-2024242849
(21) 2024242849 (22) 27.03.2024
(54) METHOD FOR DETECTING CELL MEMBRANE PROTEIN
(51) Int. Cl.
G01N 33/48 (2006.01)
(87) WO2024/204325
(31) 2023-050776 (32) 28.03.23 (33) JP
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(72) IDO Takayoshi; OKANO Fumiyoshi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) TORAY INDUSTRIES, INC.
(11) AU-A-2024246833
(21) 2024246833 (22) 29.03.2024

(54) PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING CANCER
(51) Int. Cl.
A61K 45/00 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/7105 (2006.01)
A61K 31/713 (2006.01)
A61K 38/48 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
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A61K 38/46 (2006.01)
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A61K 35/12 (2015.01)
A61K 38/45 (2006.01)
A61K 47/69 (2017.01)
C07K 14/47 (2006.01)
C12N 9/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 5/10 (2006.01)
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C09B 57/00 (2006.01)
A61K 31/295 (2006.01)
A61N 5/06 (2006.01)
A61P 35/00 (2006.01)
C07D 405/14 (2006.01)
C07F 15/00 (2006.01)
C09B 23/06 (2006.01)
C09B 57/10 (2006.01)
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C07C 69/14 (2006.01)
A01N 1/00 (2006.01)
A01P 17/00 (2006.01)
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C12N 15/115 (2010.01)
G01N 27/327 (2006.01)
A61B 5/145 (2006.01)
G01N 33/542 (2006.01)
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G01N 33/542 (2006.01)
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C02F 1/58 (2023.01)

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C02F 1/72 (2023.01)
C02F 101/36 (2006.01)
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C02F 1/58 (2023.01)
B01J 19/26 (2006.01)
C02F 1/72 (2023.01)
C02F 101/36 (2006.01)
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C02F 1/40 (2023.01)
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TRAILER CONNECTABLE TO A HOST
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B66C 1/02 (2006.01)
B66F 9/065 (2006.01)
B66F 9/12 (2006.01)
B66F 9/16 (2006.01)
B66F 9/18 (2006.01)
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B65G 53/50 (2006.01)
A01C 7/08 (2006.01)
A01C 7/10 (2006.01)
B65G 53/66 (2006.01)
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HEROWEAR LLC
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A61H 3/00 (2006.01)
A61F 5/02 (2006.01)
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(51) Int. Cl.
A61P 25/00 (2006.01)
A61K 31/435 (2006.01)
A61K 31/55 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
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B63B 81/00 (2020.01)
B08B 9/08 (2006.01)
B08B 9/093 (2006.01)
B63B 19/28 (2006.01)
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B63B 57/02 (2006.01)
B63G 8/00 (2006.01)
F17C 13/04 (2006.01)
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C12N 15/113 (2010.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
C07K 14/775 (2006.01)
C12N 9/22 (2006.01)
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A61B 17/17 (2006.01)
A61B 17/56 (2006.01)
A61B 90/00 (2016.01)
A61F 2/46 (2006.01)
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AND REACTION CHAMBERS FOR
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G01N 1/38 (2006.01)
B01L 3/00 (2006.01)
B81B 1/00 (2006.01)
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G01N 1/00 (2006.01)
G01N 21/07 (2006.01)
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F16K 99/00 (2006.01)
B01F 25/10 (2022.01)
B01F 29/00 (2022.01)
B01F 33/301 (2022.01)
B01F 33/82 (2022.01)
B04B 11/00 (2006.01)
B04B 11/06 (2006.01)
F15C 1/06 (2006.01)
G01F 23/292 (2006.01)
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B65D 90/02 (2019.01)
E04H 7/18 (2006.01)
H01M 8/18 (2006.01)

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H01M 8/0202 (2016.01)
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(51) Int. Cl.
G01N 27/06 (2006.01)
G01N 27/07 (2006.01)
G01N 27/08 (2006.01)
G01N 27/26 (2006.01)
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H05B 3/40 (2006.01)
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F04D 29/22 (2006.01)
F04D 1/04 (2006.01)
F04D 7/04 (2006.01)
F04D 17/08 (2006.01)
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C12M 1/33 (2006.01)
A23C 11/10 (2021.01)
C12M 1/00 (2006.01)
C12M 1/26 (2006.01)
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H04L 45/00 (2022.01)
H04W 24/02 (2009.01)
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H04W 40/26 (2009.01)
H04W 84/18 (2009.01)
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A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/55 (2006.01)
C12N 5/10 (2006.01)
C12N 15/63 (2006.01)
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(54) DRIVE THROUGH SYSTEM INCLUDING VISION SYSTEM AND TRANSACTION SYSTEM INTEGRATION
(51) Int. Cl.
G06Q 50/12 (2012.01)
G06Q 20/20 (2012.01)
(87) WO2024/192418
(31) 63/452,218 (32) 15.03.23 (33) US
63/539,920 22.09.23 US
63/587,611 03.10.23 US
(43) 19.09.2024
(72) SIEFKEN, Christopher; JACKSON, Brian; ILLES-TOTH, Istvan; DAVIDSON, James; O'BRIEN, Patrick; CLARK, Christopher; RIVERA, Israel; SHAIBLEY, Keith
(74) FB Rice Pty Ltd

(71) XIAMEN SUNFAVOR MACHINERY TECHNOLOGY CO., LTD.
(11) AU-A-2023446121
(21) 2023446121 (22) 08.09.2023
(54) CANVAS COVERING DEVICE
(51) Int. Cl.
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B65H 23/025 (2006.01)
(87) WO2024/221695
(31) 202310479188.1 (32) 28.04.23 (33) CN
(43) 31.10.2024
(72) DING, Yi; DAI, Genwang
(74) XIAMEN SUNFAVOR MACHINERY TECHNOLOGY CO., LTD.

(71) XL BATTERIES, INC
(11) AU-A-2024239686
(21) 2024239686 (22) 01.03.2024
(54) METHODS AND SYSTEMS FOR REDUCING CROSSOVER IN REDOX FLOW BATTERIES
(51) Int. Cl.
H01M 8/18 (2006.01)
C07D 471/06 (2006.01)
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- (87) WO2024/196570
(31) 63/488,367 (32) 03.03.23 (33) US
(43) 26.09.2024
(72) SISTO, Thomas; CHAMPSAUR, An-
ouck; EVANS, Paul; BENCIVENGA,
Anthony
(74) WRAYS PTY LTD
-
- (71) XL BATTERIES, INC.
(11) AU-A-2024233222
(21) 2024233222 (22) 01.03.2024
(54) SYSTEMS AND METHODS FOR LOW-
COST REDOX FLOW BATTERIES
(51) Int. Cl.
H01M 8/02 (2016.01)
H01M 8/08 (2016.01)
H01M 8/18 (2006.01)
(87) WO2024/186684
(31) 63/488,373 (32) 03.03.23 (33) US
(43) 12.09.2024
(72) SISTO, Thomas; CHAMPSAUR, An-
ouck; EVANS, Paul; BENCIVENGA,
Anthony
(74) WRAYS PTY LTD
-
- (71) Y. STERN ENGINEERING (1989) LTD.
(11) AU-A-2024234820
(21) 2024234820 (22) 12.03.2024
(54) DOOR SYSTEM AND MODULE
THEREFOR
(51) Int. Cl.
E05F 15/73 (2015.01)
(87) WO2024/189617
(31) 63/451,598 (32) 12.03.23 (33) US
(43) 19.09.2024
(72) STERN, Yuval; STERN, Yosef
(74) FPA Patent Attorneys Pty Ltd
-
- (71) YAMATO SCALE CO.,LTD.
(11) AU-A-2023438892
(21) 2023438892 (22) 11.07.2023
(54) Combination balance
(51) Int. Cl.
G01G 19/387 (2006.01)
G01G 19/393 (2006.01)
(87) WO2024/202089
(43) 03.10.2024
(72) HONGOU Eisuke
(74) FPA Patent Attorneys Pty Ltd
-
- (71) ZHEJIANG HISUN PHARMACEUT-
ICAL CO., LTD.; SHANGHAI ARYL
PHARMTECH CO., LTD.
(11) AU-A-2024237299
(21) 2024237299 (22) 04.03.2024
(54) AROMATIC AMIDE DERIVATIVE, AND
PREPARATION METHOD THEREFOR
AND USE THEREOF
(51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/41 (2006.01)
A61K 31/63 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07D 491/044 (2006.01)
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- C07D 491/048* (2006.01)
C07D 498/04 (2006.01)
(87) WO2024/188086
(31) 202310228489.7 (32) 10.03.23 (33) CN
202311453613.6 03.11.23 CN
(43) 19.09.2024
(72) QIU, Zongxing; ZHANG, Panpan;
PENG, Jilei; CAO, Hai; WANG, Zefeng;
SHI, Yaqiong; YE, Cheng; GUO, Ze;
XU, Daiwang; XU, Xiaojie
(74) FPA Patent Attorneys Pty Ltd
-
- (71) ZTE CORPORATION
(11) AU-A-2023405441
(21) 2023405441 (22) 07.04.2023
(54) HARQ-ACK CODEBOOK MANAGE-
MENT METHOD, APPARATUS, AND
COMPUTER-READABLE STORAGE
MEDIUM
(51) Int. Cl.
H04L 1/1812 (2023.01)
(87) WO2024/113621
(43) 06.06.2024
(72) GOU, Wei; HAN, Xianghui; LIU, Xing;
SHI, Jing; KOU, Shuaihua
(74) Spruson & Ferguson

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2023368914	LENOVO (BEIJING) LIMITED	2024221943	UNIVERSITAT POLITÈCNICA DE VALÈNCIA; ECOLOGIA Y PROTECCION AGRICOLA SL; UNIVERSITAT DE VALÈNCIA ESTUDI GENERAL
2023405441	ZTE CORPORATION	2024222218	ASTRAZENECA IRELAND LIMITED
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2023435419	HEMOLENS DIAGNOSTICS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	2024223332	ASTRAZENECA AB
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2023438216	ROPAT KG SAS	2024225560	LINDE GmbH
2023438220	HEFEI GOTION HIGH-TECH POWER ENERGY CO., LTD.	2024225671	ALTEVAX; ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS; UNIVERSITÉ PARIS CITÉ
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2023473814	SEKISUI HOUSE, LTD.	2024226598	MONOSOV, E.; ORGANIC GAS MANAGEMENT S.L.
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2024217275	DEPUY IRELAND UNLIMITED COMPANY	2024228415	GREEN HYDROGEN SYSTEMS A/S
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2024221515	MEDTRONIC, INC.	2024231347	WIREPAS OY
2024221616	BLISS BIOPHARMACEUTICAL (HANGZHOU) CO., LTD.	2024231397	PHOTOCURE ASA
2024221660	AD ASTRA EHF		
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2024232077	SORANUS ARGE VE DANISMANLIK HIZMETLERI SANAYI TICARET A.S.	2024236286	GOLDMAN SACHS & CO. LLC
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2024232353	HILOTHERM HOLDING AG	2024236757	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
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2024233442	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2024237592	THE MASURI GROUP LIMITED
2024233445	CAPITAL ONE SERVICES LLC	2024237653	KANVAS BIOSCIENCES, INC.
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2024233987	SCALENE GROUP PTY LTD	2024237990	BEONE MEDICINES I GMBH
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2024234126	INTERVENE, INC.	2024238847	CAPITAL ONE SERVICES LLC
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2024250617	LANDIS+GYR TECHNOLOGY, INC.	2024340971	VRB ENERGY INC.
2024250809	R.E.M. PATENTS S.R.L.	2024343147	TONGWEI SOLAR (MEISHAN) CO., LTD.
2024251011	SUMITOMO SEIKA CHEMICALS CO., LTD.	2024345198	UTSUNOMIYA KOGYO CO., LTD.
2024251131	HUSKY INJECTION MOLDING SYSTEMS LTD.	2024353534	ARCACTIVE LIMITED
2024251922	PRIMETALS TECHNOLOGIES GERMANY GMBH; PRIMETALS TECHNOLOGIES AUSTRIA GMBH	2024369379	ALCON INC.
2024252196	BEIJING LVSAN TECHNOLOGY CO., LTD.	2024371185	ALCON INC.
2024252268	NANJING CAVENDISH BIO-ENGINEERING TECHNOLOGY CO., LTD.	2024414213	QINGDAO CCS ELECTRIC CORPORATION
2024252357	NANJING CHERVON INDUSTRY CO., LTD.	2024424085	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
		2024425037	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
		2025200729	GREANEY, M.J.
		2025204337	HONG KONG WELL LIFE BIOTECHNOLOGY LIMITED
		2025223468	GENESYS CLOUD SERVICES, INC.
		2025224616	HOLLISTER INCORPORATED

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2024236967	2024235993	2024226127	2024226127	2024224137	2024219315
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2024221515	<u>A61P 3 /-</u>	2024242719	2024236070	2024243013	<u>B32B 3 /-</u>
2024232868	2024216900	<u>A61P 9 /-</u>		2024254264	2024229378
2024235993	2024237653	2024216900	<u>B01F 29 /-</u>	<u>B05D 7 /-</u>	<u>B32B 37 /-</u>
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2024242719	2024233883	<u>A61Q 15 /-</u>	2024241314	<u>B09B 3 /-</u>	<u>B41M 5 /-</u>
	2024236922	2024241686	<u>B01J 19 /-</u>	2024226880	2024248475
<u>A61P 11 /-</u>	2024252268	<u>A61Q 17 /-</u>		<u>B09C 1 /-</u>	<u>B41M 7 /-</u>
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2024231397	2024216900	2023430689	<u>B01J 23 /-</u>	<u>B21B 3 /-</u>	<u>B44C 5 /-</u>
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2024245299	2024219042	2024235245	<u>B01J 35 /-</u>		<u>B44D 3 /-</u>
<u>A61P 17 /-</u>	2024220292	2024236248		<u>B25B 13 /-</u>	2024242020
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2024217007	2024222376	2024257176	<u>B01L 1 /-</u>		
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2024218753	2024231715	<u>B65H 75 /-</u>	<u>C01G 21 /-</u>	<u>C07D 209 /-</u>	2024252682
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2024234668	2024232412	2024221660	2024221660	C12P 19 /-	C25B 1 /-
2024237095	2024233883	2024234162	2024234162	2024235803	2024222987
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2024234154	2024248273	C10L 10 /-	2024236530	C22B 1 /-	2024228415
2024237801	C08J 11 /-	2024234718	2024237081	2024218169	2024244659
2024241889	2024251011	C10L 10 /-	2024237990	2024235029	D04H 3 /-
C07F 15 /-	2024303319	2024234718	2024238912	C22B 11 /-	2024235501
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C07K 1 /-	2024230997	2024231661	2024239432	C22B 21 /-	2024236757
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C07K 14 /-	2024233916	2024239825	2024241381	C22B 26 /-	2024236757
2024218921	C08K 3 /-	C11D 1 /-	2024241509	2024218169	D06F 58 /-
2024222218	2024230997	2024263329	2024242151	C22B 3 /-	2024236757
2024224137	C08L 23 /-	C11D 11 /-	2024242428	2024218169	E01F 8 /-
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2024232718	C08L 27 /-	C11D 17 /-	2024249083	2024235356	E03C 1 /-
2024234052	2024248273	2024246683	2024276475	C22B 4 /-	2024237836
2024236108	C09B 23 /-	C11D 3 /-	C12N 5 /-	2024235029	E04B 1 /-
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2024237354	C09B 57 /-	2024246683	2024232333	C22B 60 /-	E04B 5 /-
2024239034	2024225938	2024263329	2024232718	2023408419	2023473814
2024239432	2024225938	2024263329	2024233883	2024235225	
2024241162			2024234052		
2024244976			2024234571		
2024245299			2024235245		
2024252871			2024236922		
2024265453			2024236941		
2024296166			2024239034		
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2025200729	2024309958	2024225994	<u>G01F 11 /-</u>	2024250617	2023436706
<u>E04F 13 /-</u>	<u>F04D 17 /-</u>	<u>F21V 29 /-</u>	2024231715	<u>G01R 31 /-</u>	2024231893
2024229378	2024309958	2024225994	<u>G01F 23 /-</u>	2024259302	2024249554
<u>E04G 21 /-</u>	<u>F04D 19 /-</u>	<u>F21V 33 /-</u>	2024236070	2024353534	<u>G06F 11 /-</u>
2025200729	2024250809	2024234113	<u>G01G 19 /-</u>	<u>G01S 13 /-</u>	2024235336
<u>E04H 12 /-</u>	<u>F04D 29 /-</u>	<u>F21V 9 /-</u>	2023438892	2024234686	<u>G06F 16 /-</u>
2023438461	2024233442	2024234113	<u>G01J 3 /-</u>	<u>G01S 7 /-</u>	2024233422
<u>E04H 7 /-</u>	2024250809	<u>F21Y 115 /-</u>	2024226409	2024234686	2024241329
2024315381	2024309958	<u>F21Y 115 /-</u>	<u>G01M 11 /-</u>	<u>G01V 3 /-</u>	2024254599
<u>E05F 11 /-</u>	<u>F04D 7 /-</u>	2024225994	<u>G01M 11 /-</u>	<u>G01V 3 /-</u>	2025223468
2024236062	<u>F15C 1 /-</u>	2024225994	<u>G01M 11 /-</u>	2024232986	<u>G06F 17 /-</u>
<u>E05F 15 /-</u>	2024309958	<u>F23R 3 /-</u>	2024254209	<u>G02B 1 /-</u>	2023429195
2024236062	<u>F15C 1 /-</u>	2024234718	<u>G01N 1 /-</u>	<u>G02B 1 /-</u>	<u>G06F 18 /-</u>
<u>E05F 15 /-</u>	2024236070	<u>F24D 19 /-</u>	2024231143	2024254209	2024221817
2024234820	<u>F16K 1 /-</u>	2024333298	2024231855	<u>G02B 21 /-</u>	2024233987
<u>E06B 3 /-</u>	2024238089	<u>F24D 3 /-</u>	2024236070	2024284584	2024241017
2024228670	<u>F16K 99 /-</u>	2024234758	2024236560	<u>G02B 27 /-</u>	<u>G06F 21 /-</u>
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2024288623	<u>F16L 1 /-</u>	2024233298	<u>G01N 15 /-</u>	2024231893	2024233422
<u>E21B 23 /-</u>	2024231700	<u>F24S 25 /-</u>	2024239563	2024285555	2024233445
2023446609	<u>F16L 3 /-</u>	2024237968	<u>G01N 21 /-</u>	<u>G02B 3 /-</u>	2024237322
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2023437151	<u>F16L 37 /-</u>	2024237968	<u>G01N 27 /-</u>	<u>G02C 7 /-</u>	2024254598
2023446609	2024225219	<u>F25B 21 /-</u>	2024231855	2024231893	<u>G06F 3 /-</u>
2024231125	<u>F16L 55 /-</u>	2024242098	2024236070	<u>G02B 7 /-</u>	2023436706
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2024231125	<u>F16L 57 /-</u>	<u>F25B 9 /-</u>	2024241465	<u>G02C 7 /-</u>	2024233422
<u>F01D 25 /-</u>	2024245059	2024240903	<u>G01N 33 /-</u>	<u>G05B 13 /-</u>	<u>G06F 30 /-</u>
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<u>F02D 19 /-</u>	2024218753	2024233473	2024226127	<u>G05B 19 /-</u>	2024249641
2024234718	<u>F16M 13 /-</u>	<u>F25D 23 /-</u>	2024226409	2024249641	<u>G06F 9 /-</u>
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2024234718	<u>F17C 13 /-</u>	2024248504	2024232333	<u>G05D 1 /-</u>	2024249641
<u>F02M 37 /-</u>	2024234953	<u>F41H 13 /-</u>	2024232919	<u>G05D 105 /-</u>	<u>G06N 10 /-</u>
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2024237151	<u>F21K 9 /-</u>	2024258104	2024235721	<u>G05G 5 /-</u>	2024236286
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2024247666	<u>G16H 15 /-</u>	<u>H01R 13 /-</u>	<u>H04L 101 /-</u>	2023368914
2024251922	2024285555	2024218753	2024254599	2024267765
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2024237322		2024231700	2024267765	
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2023429446	2024221817			2024250350
2024233987	2024285555	<u>H02G 9 /-</u>	<u>H04L 5 /-</u>	<u>H04W 64 /-</u>
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2024229742	2023438121		2024254599	
2024233422	2024285555	<u>H02J 15 /-</u>		<u>H04W 74 /-</u>
2024236081		2024258695	<u>H04L 67 /-</u>	2024244333
2024251922	<u>H01L 23 /-</u>		2024233422	
<u>G06T 15 /-</u>	2024343147	<u>H02J 3 /-</u>	2024249641	<u>H04W 8 /-</u>
2024258104	<u>H01M 10 /-</u>	2024258695	2024319848	2024252357
<u>G06T 7 /-</u>	2024217972	2024414213	<u>H04L 7 /-</u>	<u>H04W 84 /-</u>
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2024369379	<u>H01M 4 /-</u>	2024258695	2024250350	
<u>G06V 40 /-</u>	2024217972	<u>H02J 50 /-</u>	<u>H04L 9 /-</u>	<u>H04W 88 /-</u>
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2024222749	<u>H01M 50 /-</u>	<u>H02J 7 /-</u>	<u>H04M 3 /-</u>	<u>H04W 92 /-</u>
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2023437151	2024217972	2024258695		
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<u>G08B 7 /-</u>	<u>H01M 8 /-</u>	<u>H02K 11 /-</u>	2024231893	2024242375
2024222749	2024202934	2024414213	<u>H04N 19 /-</u>	<u>H05K 5 /-</u>
<u>G08G 1 /-</u>	2024233222	<u>H02M 5 /-</u>	2024233495	2024218753
2024228171	2024239686	2024258695	2024252612	<u>H10N 10 /-</u>
<u>G08G 5 /-</u>	2024263964		<u>H04N 21 /-</u>	2023443166
20242315381	2024315381	<u>H03H 7 /-</u>	2024250350	<u>H10N 60 /-</u>
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2024230315	<u>H01Q 21 /-</u>	2024233791	2024243827	
<u>G09B 29 /-</u>	2024234686	<u>H04B 7 /-</u>	2024250350	
2024235336	<u>H01Q 3 /-</u>	2024234414	<u>H04W 16 /-</u>	
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<u>G16B 25 /-</u>	2024255332	2024250350		
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(71) Abbott Diabetes Care Inc. (11) AU-B-2019404908 (21) 2019404908 (22) 06.06.2019 (54) Systems, devices, and methods for analyte sensor insertion (51) Int. Cl. A61M 5/32 (2006.01) A61B 17/04 (2006.01) A61B 17/06 (2006.01) A61B 17/34 (2006.01) B21G 1/08 (2006.01) (87) WO2020/131159 (31) 62/784,074 (32) 21.12.18 (33) US (43) 25.06.2020 (44) 25.09.2025 (72) RAO, Vivek S.; DIPALMA, Vincent M.; CARTER, Phillip W.; WU, Hsueh-chieh; MCCANLESS, Jonathan D.; MITCHELL, Steven T.; HOSS, Udo; ROBINSON, Peter G.; NAEGELI, Andrew H.; PUDJIJANTO, Stephen T.; BUENCONSEJO, Allan C.; HWANG, Michelle; SIMMONS, Matthew (74) FPA Patent Attorneys Pty Ltd	(71) Abion Inc. (11) AU-B-2021264372 (21) 2021264372 (22) 29.04.2021 (54) Human interferon-beta variant with double mutation and method for improving stability of human interferon-beta variant (51) Int. Cl. C07K 1/113 (2006.01) A61K 38/21 (2006.01) A61P 25/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07K 14/565 (2006.01) C07K 14/715 (2006.01) C12N 15/85 (2006.01) (87) WO2021/221485 (31) 10-2020-0052513 (32) 29.04.20 (33) KR 10-2020-0052913 29.04.20 KR (43) 04.11.2021 (44) 25.09.2025 (72) CHOI, Jun Young; KIM, Na Young; SON, Won Rak; HONG, Sung Hyun; LEE, Yong Jin; LEE, Sae Hyung (74) Spruson & Ferguson	Agricultural Science Research Institute of the 13th Division, Xinjiang Production and Construction Corps see National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land (21) 2025226752 (71) Alcon Inc. (11) AU-B-2020284664 (21) 2020284664 (22) 26.05.2020 (54) Vitrectomy probe interfacing component (51) Int. Cl. A61F 9/007 (2006.01) (87) WO2020/240418 (31) 62/853,880 (32) 29.05.19 (33) US (43) 03.12.2020 (44) 25.09.2025 (72) REYES, Nathaniel; UNDERWOOD, John R. (74) Phillips Ormonde Fitzpatrick
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(74) Davies Collision Cave Pty Ltd

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(54) Sterilization process challenge device
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A61L 2/28 (2006.01)
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A61K 38/25 (2006.01)
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A61K 45/06 (2006.01)
A61P 9/04 (2006.01)
G01N 33/50 (2006.01)
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F41H 11/02 (2006.01)
G01S 13/78 (2006.01)
G01S 17/04 (2020.01)
G01S 17/86 (2020.01)
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(21) 2023204403 **(22)** 07.07.2023
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(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
A63F 11/00 (2006.01)
G07D 9/00 (2006.01)
G07F 17/32 (2006.01)
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(72) Shigeta, Yasushi
(74) FB Rice Pty Ltd

(71) Apple Inc.
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(21) 2023266375 **(22)** 17.11.2023
(54) Voice coil motor optical image stabilization
(51) Int. Cl.
G02B 7/08 (2021.01)
G02B 27/64 (2006.01)
H02K 41/035 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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G06F 16/178 (2019.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) DEVICES, METHODS, AND GRAPHICAL USER INTERFACES FOR GEN-

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(54) Water conserving shower system and thermochromic fixtures used therein
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E03C 1/04 (2006.01)
E03C 1/02 (2006.01)
E03C 1/044 (2006.01)
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C21B 15/00 (2006.01)
C25C 1/06 (2006.01)
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F41A 15/14 (2006.01)
F41A 3/26 (2006.01)
F41A 3/30 (2006.01)
F41A 3/62 (2006.01)
F41A 3/70 (2006.01)
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H04L 67/53 (2022.01)
H04L 12/28 (2006.01)
H04L 67/1038 (2022.01)
H04N 21/238 (2011.01)
H04N 21/633 (2011.01)
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A61K 31/713 (2006.01)
C12N 15/11 (2006.01)
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A23L 2/00 (2006.01)
A23L 2/38 (2021.01)
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C07K 14/715 (2006.01)
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E04G 21/32 (2006.01)
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(54) Two stage methods for processing adhesives and related compositions
(51) Int. Cl.
C09J 4/06 (2006.01)
B01J 8/00 (2006.01)
B01J 19/00 (2006.01)
B29C 35/08 (2006.01)
C08F 2/00 (2006.01)
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(74) AJ Pietras IP Limited

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(54) ELECTRICALLY ACTIVATED DOWN-HOLE ANCHOR SYSTEM
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E21B 34/06 (2006.01)
E21B 4/04 (2006.01)
E21B 7/06 (2006.01)
E21B 17/02 (2006.01)
E21B 23/01 (2006.01)
E21B 29/06 (2006.01)

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(54) CHILD SAFETY SEAT, AND SUP-PORTING ASSEMBLY THEREOF
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B60N 2/28 (2006.01)
B60R 22/10 (2006.01)
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A61M 39/06 (2006.01)
A61M 39/26 (2006.01)
A61M 39/10 (2006.01)
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A61M 25/06 (2006.01)
A61M 25/01 (2006.01)
A61M 25/09 (2006.01)
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A61M 25/00 (2006.01)
A61M 25/01 (2006.01)

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A61M 25/00 (2006.01)
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A61M 39/02 (2006.01)
A61M 5/158 (2006.01)
A61M 5/42 (2006.01)
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(51) Int. Cl.
A61M 25/06 (2006.01)
A61B 5/15 (2006.01)
A61M 25/00 (2006.01)
A61M 39/06 (2006.01)
A61M 39/10 (2006.01)
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A61B 5/15 (2006.01)
A61B 5/154 (2006.01)
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(21) 2021256978 **(22)** 14.04.2021
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(51) Int. Cl.
A61M 39/16 (2006.01)
A61M 39/20 (2006.01)
A61M 39/10 (2006.01)
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(21) 2024202597 **(22)** 19.04.2024
(54) Cleaning device
(51) Int. Cl.
H04N 23/00 (2023.01)
A47L 11/40 (2006.01)
B60Q 1/24 (2006.01)
F21V 33/00 (2006.01)
G03B 29/00 (2021.01)
G03B 30/00 (2021.01)
H04N 23/70 (2023.01)
H04N 23/74 (2023.01)
B60Q 1/00 (2006.01)
F21V 23/04 (2006.01)
H05B 47/11 (2020.01)
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(74) Allens Patent & Trade Mark Attorneys

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B65D 33/00 (2006.01)
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B65D 30/00 (2006.01)
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(71) Biomerieux, Inc.
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(21) 2023226786 (22) 08.09.2023
(54) Methods for confirming charged-particle generation in an instrument, and related instruments
(51) Int. Cl.
G01N 30/72 (2006.01)
H01J 49/26 (2006.01)
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C12Q 1/6869 (2018.01)
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A61K 31/438 (2006.01)
A61K 9/00 (2006.01)
A61P 31/04 (2006.01)
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(51) Int. Cl.
G08C 17/02 (2006.01)
G01R 15/20 (2006.01)
G01R 19/00 (2006.01)
G01R 29/08 (2006.01)
G01R 31/58 (2020.01)
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(54) DEVICES, SYSTEMS, AND METHODS FOR ACTIVATION OF A PHOTOACTIVE AGENT
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A61N 5/06 (2006.01)
A61B 18/00 (2006.01)
A61B 18/18 (2006.01)
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A61F 2/00 (2006.01)
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C07H 19/16 (2006.01)
A61K 9/00 (2006.01)
A61K 31/7076 (2006.01)
A61P 27/06 (2006.01)
(87) WO2021/021717
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(54) Platinum-resistant cancer treatment
(51) Int. Cl.
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
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(54) Wearable peripheral nerve stimulation for the treatment of diseases utilizing rhythmic biological processes
(51) Int. Cl.
A61N 1/04 (2006.01)
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(21) 2023233202 (22) 22.09.2023
(54) Systems, methods, and user interfaces for editing digital assets
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G06F 3/0481 (2022.01)
G06F 3/01 (2006.01)
G06F 3/0482 (2013.01)
G09G 5/30 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) Capital One Services, LLC
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A61K 38/00 (2006.01)
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C07D 207/02 (2006.01)
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C09D 175/08 (2006.01)

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G01C 15/04 (2006.01)
G01C 21/20 (2006.01)
G06T 7/73 (2017.01)

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C12M 1/00 (2006.01)

A61M 39/10 (2006.01)

C12M 1/12 (2006.01)

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A23L 33/17 (2016.01)
A61K 8/64 (2006.01)
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C07K 1/14 (2006.01)
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C07K 14/415 (2006.01)
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B65D 47/20 (2006.01)
B05B 11/00 (2006.01)
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G01N 21/17 (2006.01)
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Christopher
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(21) 2020236716 **(22)** 09.03.2020
(54) Machine for distributing a liquid or paste-type product, and method for operational control of said machine
(51) Int. Cl.
B67D 3/00 (2006.01)
B08B 15/02 (2006.01)
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(54) Valve module and filter
(51) Int. Cl.
A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
A61M 16/20 (2006.01)
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G02B 6/44 (2006.01)
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A61P 25/28 (2006.01)
A61K 48/00 (2006.01)
C12N 9/20 (2006.01)
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(51) Int. Cl.
A61B 1/31 (2006.01)
A61B 5/00 (2006.01)
A61D 13/00 (2006.01)
G01K 1/02 (2021.01)
G01N 25/62 (2006.01)
G16H 40/63 (2018.01)
H04Q 11/00 (2006.01)
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(74) Franke Hyland Pty Ltd

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(54) METHOD AND APPARATUS FOR DISPLAYING INFORMATION
(51) Int. Cl.
G06T 5/00 (2006.01)
G02B 27/01 (2006.01)
G06T 19/00 (2011.01)
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C02F 1/00 (2006.01)
A61M 1/00 (2006.01)
C02F 9/00 (2006.01)
C02F 103/00 (2006.01)
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C12Q 1/6876 (2018.01)
C12N 9/12 (2006.01)
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G06F 40/18 (2020.01)
G06F 9/30 (2018.01)
G06F 11/07 (2006.01)
G06F 21/62 (2013.01)
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(54) LPA RECEPTOR ANTAGONISTS AND USES THEREOF
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C07D 401/04 (2006.01)
A61K 31/4439 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/08 (2006.01)
A61P 43/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
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G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
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methylation probe panels

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C12Q 1/6869 (2018.01)
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C09K 8/487 (2006.01)
E21B 43/12 (2006.01)
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E21B 34/06 (2006.01)
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method of manufacturing metal material
for medical device, and medical device
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A61L 31/02 (2006.01)
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Shunto
(74) FPA Patent Attorneys Pty Ltd

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elastic design method with modulus of
rupture testing
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C04B 14/02 (2006.01)
C04B 18/02 (2006.01)
C04B 28/02 (2006.01)
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of dihydroorotate dehydrogenase
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A61K 31/519 (2006.01)
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C07D 215/12 (2006.01)
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based on modified epoxy resins
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C08G 59/50 (2006.01)
C08G 77/26 (2006.01)
C08L 63/00 (2006.01)
C08L 83/04 (2006.01)
F16L 59/00 (2006.01)
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C08J 7/12 (2006.01)
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(51) Int. Cl.
B29C 64/106 (2017.01)
B29C 64/118 (2017.01)
B29C 64/124 (2017.01)
B33Y 10/00 (2015.01)
B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
C09D 11/101 (2014.01)
C09D 175/08 (2006.01)
C09D 175/16 (2006.01)
G03F 7/00 (2006.01)
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NIGUT, Markus
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A61D 3/00 (2006.01)
A01K 1/06 (2006.01)
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A62C 2/06 (2006.01)
E04B 1/94 (2006.01)
E06B 5/16 (2006.01)
F16L 5/04 (2006.01)
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A61P 25/22 (2006.01)
A61K 9/20 (2006.01)
A61K 31/192 (2006.01)
A61K 31/195 (2006.01)
A61K 31/197 (2006.01)
A61K 31/4045 (2006.01)
A61K 38/095 (2019.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) IMPROVED STRUCTURE OF ELECTRICAL WINCH POWER TRANSMISSION
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B66D 1/54 (2006.01)
B66D 1/12 (2006.01)
B66D 1/20 (2006.01)
F16H 57/00 (2012.01)
F16H 57/035 (2012.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys

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(54) METHOD, APPARATUS, AND SYSTEM FOR DETECTING SOLAR CELL OF PHOTOVOLTAIC PLANT
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H02S 50/10 (2014.01)
G06T 7/00 (2017.01)
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 (51) Int. Cl.
H04W 72/04 (2023.01)
H04W 76/15 (2018.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2022315311 (22) 14.04.2022
 (54) COMMUNICATION METHOD AND APPARATUS
 (51) Int. Cl.
H04L 27/26 (2006.01)
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 (54) COMMUNICATION METHOD, COMMUNICATION APPARATUS, AND COMMUNICATION SYSTEM
 (51) Int. Cl.
H04W 24/02 (2009.01)
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 (74) Halfords IP

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(54) DATA COLLECTION METHOD AND COMMUNICATION APPARATUS
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H04W 8/18 (2009.01)
 (87) WO2023/078183
 (31) 202111294132.6 (32) 03.11.21 (33) CN
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 (72) PAN, Qi; HUANG, Zhenglei
 (74) Halfords IP

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 (54) COMMUNICATION METHOD AND COMMUNICATION APPARATUS
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H04L 5/00 (2006.01)
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 (31) 202210011227.0 (32) 06.01.22 (33) CN
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 (54) COMMUNICATION METHOD AND APPARATUS, AND DEVICE
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H04L 67/51 (2022.01)
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 (31) 202210320863.1 (32) 29.03.22 (33) CN
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 (72) WANG, Yaxin; LI, Yan; YANG, Yanmei
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(71) Hunter Douglas Inc.
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 (54) System and methods for control configuration for installed architectural structural coverings
 (51) Int. Cl.
G05B 17/02 (2006.01)
E05F 15/77 (2015.01)
E06B 9/56 (2006.01)
G05B 15/02 (2006.01)
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(51) Int. Cl.
B26D 5/00 (2006.01)
B23K 26/08 (2014.01)
B26D 5/06 (2006.01)
B26D 5/08 (2006.01)
B26F 1/38 (2006.01)
B26F 3/00 (2006.01)
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see **Abiomed, Inc.**
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G06V 40/12 (2022.01)
G06F 21/32 (2013.01)
G06Q 20/40 (2012.01)
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(54) Magnetic Door Latch and Lock Mechanism
(51) Int. Cl.
E05B 47/00 (2006.01)
E05B 7/00 (2006.01)
E05B 63/22 (2006.01)
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(21) 2019229345 (22) 11.09.2019
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E05C 1/14 (2006.01)
E05B 3/00 (2006.01)
E05B 7/00 (2006.01)
E05B 13/10 (2006.01)
E05B 15/00 (2006.01)
E05B 63/00 (2006.01)
E05B 85/10 (2014.01)
E05C 19/16 (2006.01)

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(54) Magnetic Door Latch Mechanism and Assembly
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E05B 47/00 (2006.01)
E05B 17/00 (2006.01)
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B25C 1/08 (2006.01)
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C07D 401/14 (2006.01)
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H04N 19/186 (2014.01)
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A47L 5/24 (2006.01)

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A47L 5/24 (2006.01)
A47L 7/00 (2006.01)
A47L 9/16 (2006.01)
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A61L 2/08 (2006.01)

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F25D 23/02 (2006.01)
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C07D 471/22 (2006.01)
C08J 5/18 (2006.01)
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F21V 9/45 (2018.01)

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A23G 1/36 (2006.01)
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A61P 3/04 (2006.01)
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G16H 50/20 (2018.01)
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B01D 53/62 (2006.01)
B01D 53/78 (2006.01)
C01B 32/50 (2017.01)
F23G 5/50 (2006.01)
F23J 15/00 (2006.01)
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H02J 3/38 (2006.01)
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F24F 5/00 (2006.01)
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B29C 63/34 (2006.01)
F16L 55/163 (2006.01)
F16L 58/10 (2006.01)
F17D 1/08 (2006.01)
F22B 33/18 (2006.01)
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(54) ENHANCED PERFORMANCE MODEL MATCHING, AUGMENTATION AND PREDICTION
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F01D 17/08 (2006.01)
F01D 21/00 (2006.01)
F02C 9/00 (2006.01)
G05B 23/02 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) BIFUNCTIONAL DEGRADERS OF INTERLEUKIN-1 RECEPTOR-ASSOCIATED KINASES AND THERAPEUTIC USE THEREOF

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C07D 471/04 (2006.01)
A61K 31/498 (2006.01)
A61P 3/00 (2006.01)
A61P 29/02 (2006.01)
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C07D 519/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) TOPICAL FORMULATIONS USEFUL FOR IMPROVING HAIR HEALTH OR SCALP HEALTH OR TREATING OR PREVENTING HAIR LOSS
- (51) Int. Cl.
A61K 36/61 (2006.01)
A61K 8/19 (2006.01)
A61K 8/26 (2006.01)
A61K 8/34 (2006.01)
A61K 31/198 (2006.01)
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A61K 36/67 (2006.01)
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A61P 17/14 (2006.01)
A61Q 7/00 (2006.01)
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(54) Storage system and method
- (51) Int. Cl.
B65G 1/04 (2006.01)
B65D 21/00 (2006.01)
B65D 77/04 (2006.01)
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B65G 1/04 (2006.01)
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A61F 2/16 (2006.01)
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H02G 13/00 (2006.01)
G01M 1/00 (2006.01)
G01W 1/16 (2006.01)
G08B 17/12 (2006.01)
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A61B 1/06 (2006.01)
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B65D 1/02 (2006.01)
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B05C 11/10 (2006.01)
B05C 13/02 (2006.01)
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A61B 17/66 (2006.01)
A61B 17/02 (2006.01)
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A61B 17/60 (2006.01)
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A61B 17/88 (2006.01)
A61B 17/04 (2006.01)
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(51) Int. Cl.
C07D 333/70 (2006.01)
A61K 31/343 (2006.01)
A61K 31/352 (2006.01)
A61K 31/381 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 9/04 (2006.01)
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A01N 43/40 (2006.01)
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C22B 7/00 (2006.01)
C22B 15/00 (2006.01)
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(51) Int. Cl.
E21F 13/00 (2006.01)
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(72) MARTIKAINEN, Pekka
(74) Phillips Ormonde Fitzpatrick

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E21B 4/14 (2006.01)
E21B 10/36 (2006.01)
E21B 17/07 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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E21D 21/02 (2006.01)
F16B 31/02 (2006.01)
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C12N 15/85 (2006.01)
A61K 38/00 (2006.01)
C12N 9/00 (2006.01)
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(74) Griffith Hack

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A61P 19/02 (2006.01)
C07K 16/28 (2006.01)
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F21V 5/00 (2018.01)
F21V 14/06 (2006.01)
F21V 17/02 (2006.01)
F21W 131/103 (2006.01)
F21Y 105/16 (2016.01)
F21Y 115/10 (2016.01)
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A61K 31/164 (2006.01)
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A61P 25/04 (2006.01)
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C07F 5/02 (2006.01)
A61K 31/69 (2006.01)
A61P 31/04 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(71) Shangrao Xinyuan YueDong Technology Development Co. Ltd

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H10K 30/00 (2023.01)

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C07D 487/04 (2006.01)

A61K 31/53 (2006.01)

A61P 31/14 (2006.01)

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H01J 17/22 (2012.01)

H01J 37/317 (2006.01)

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B29C 33/38 (2006.01)

A61H 19/00 (2006.01)

B29C 64/386 (2017.01)

B29C 64/393 (2017.01)

B33Y 50/00 (2015.01)

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A61B 17/16 (2006.01)

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A61F 2/30 (2006.01)

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(51) Int. Cl.

F03D 7/02 (2006.01)

F03D 7/04 (2006.01)

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B29C 48/16 (2019.01)

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F21V 3/04 (2018.01)

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F16N 13/16 (2006.01)

F15B 13/04 (2006.01)

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(51) Int. Cl.

G06T 7/11 (2017.01)

G03B 17/55 (2021.01)

G06T 5/10 (2006.01)

G06T 5/20 (2006.01)

G06T 7/174 (2017.01)

G06T 7/70 (2017.01)

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(21) 2021251079 (22) 05.04.2021

(54) Meniscal repair delivery device

(51) Int. Cl.

A61B 17/04 (2006.01)

A61B 17/00 (2006.01)

A61B 17/06 (2006.01)

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(51) Int. Cl.
B25F 5/00 (2006.01)
B25B 21/00 (2006.01)
F16H 3/62 (2006.01)
F16H 57/02 (2012.01)
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(51) Int. Cl.
C12N 15/113 (2010.01)
A01N 63/00 (2020.01)
A61K 31/7105 (2006.01)
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A45D 34/04 (2006.01)
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(74) Patenteur Pty Ltd

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H04N 19/13 (2014.01)
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A01G 23/083 (2006.01)
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B05B 7/04 (2006.01)
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C01D 15/00 (2006.01)
B01D 15/08 (2006.01)
B01D 61/14 (2006.01)
B01J 20/282 (2006.01)
C01D 15/04 (2006.01)
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C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
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C07H 21/02 (2006.01)
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G01N 29/04 (2006.01)
F17D 5/06 (2006.01)
G01M 3/00 (2006.01)
G01M 3/24 (2006.01)
G01M 3/28 (2006.01)
G01N 27/28 (2006.01)
G06N 3/12 (2006.01)
G06N 20/00 (2019.01)
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H02J 7/00 (2006.01)
H01M 50/204 (2021.01)
H01M 50/512 (2021.01)
H02J 3/00 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)

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A61K 47/02 (2006.01)
A61K 47/18 (2017.01)
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 Kumar; KANE, Prashant; BHOWMICK,
 Subhas Balaram
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 qualities of sugar and sweetener
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A23L 2/60 (2006.01)
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(54) Composition
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A23L 27/10 (2016.01)
A23L 2/60 (2006.01)
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 Akiko; SARADA, Shigeru
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(71) SUZUKI Kazuyoshi
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(21) 2022436263 **(22)** 21.10.2022
(54) AIR TURBINE, DENTAL HANDPIECE,
 AND BOOST ADAPTER
(51) Int. Cl.
A61C 1/05 (2006.01)
A61C 1/08 (2006.01)
(87) WO2023/145163
(31) 2022-020854 **(32)** 26.01.22 **(33)** JP
 2022-041903 28.02.22 JP
 2022-138655 15.08.22 JP
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(44) 25.09.2025
(72) SUZUKI Kazuyoshi
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(54) Formulation
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A01N 25/04 (2006.01)
A01N 33/12 (2006.01)
A01N 37/42 (2006.01)
A01N 43/40 (2006.01)
A01P 21/00 (2006.01)
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(51) Int. Cl.

C07D 207/14 (2006.01)
A61K 31/40 (2006.01)
A61K 31/4025 (2006.01)
A61K 31/422 (2006.01)
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A61K 31/4439 (2006.01)
A61P 3/00 (2006.01)
C07D 401/10 (2006.01)
C07D 403/10 (2006.01)
C07D 403/14 (2006.01)
C07D 407/06 (2006.01)
C07D 413/10 (2006.01)
C07D 417/10 (2006.01)
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(51) Int. Cl.
C07D 413/04 (2006.01)
A61K 31/4245 (2006.01)
A61P 25/28 (2006.01)
C07D 413/14 (2006.01)
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C07H 19/052 (2006.01)
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B29C 48/00 (2019.01)
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A61B 17/04 (2006.01)
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C25B 1/04 (2021.01)

C25B 1/24 (2021.01)

C25B 3/11 (2021.01)

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plate, with a data carrier, and licence
plate

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G09F 3/03 (2006.01)

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B60W 10/18 (2012.01)

B60W 10/20 (2006.01)

B60W 60/00 (2020.01)

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A61B 5/087 (2006.01)

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F24H 3/02 (2006.01)

F24H 6/00 (2006.01)

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C12N 15/10 (2006.01)

C12Q 1/68 (2018.01)

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C07D 471/04 (2006.01)

A61K 31/519 (2006.01)

A61P 35/00 (2006.01)

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C07K 16/16 (2006.01)
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B01J 21/06 (2006.01)
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G01N 33/50 (2006.01)
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2018385256	Elanco Animal Health GmbH	2020203204	International Textile Group, Inc.
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2018396083	Collectis	2020203931	CATERPILLAR INC.
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2019214845	Rush University Medical Center		Global Mining HMS GmbH
2019220329	Universitetet i Oslo	2020211375	Instil Bio (UK) Limited
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2019226304	Illinois Tool Works Inc.	2020213126	Otonexus Medical Technologies, Inc.
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2019368535	Saluda Medical Pty Ltd	2020253060	Vertex Pharmaceuticals Incorporated
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2019382955	ASKBIO UK LTD	2020262152	Allogene Therapeutics, Inc.
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2020344619	Owens-Brockway Glass Container Inc.	2022284887	UNIGEN, INC.
2020345554	Becton, Dickinson and Company	2022285433	VAXCELL-BIO
2020347536	BioVersys AG	2022289202	TYK MEDICINES (ZHENGZHOU) , INC.; TYK MEDICINES, INC.
2020347849	Sandvik Mining and Construction Oy	2022291322	Shangrao Xinyuan YueDong Technology Development Co. Ltd
2020353984	Takeda Pharmaceutical Company Limited	2022292386	12232821 CANADA INC.
2020355873	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2022295393	CHIYODA CORPORATION
2020360042	Keshebohmer Holding KG	2022310947	MITSUBISHI HEAVY INDUSTRIES, LTD.
2020362862	Amiblu Technology AS	2022312332	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
2020365764	Kreepy Krauly Australia Pty Ltd	2022315311	HUAWEI TECHNOLOGIES CO., LTD.
2020370212	S.D. Sight Diagnostics Ltd	2022317070	JOHNSON SCREENS, INC.
2020373091	Dare MB Inc.	2022317677	CHINA PHARMACEUTICAL UNIVERSITY
2020376011	Wedglock Equipment Limited	2022319996	Solar Buddies Limited
2020376244	KONE Corporation	2022324400	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2020379270	Cilag GmbH International	2022328115	CATERPILLAR INC.
2020380573	Sandvik Mining and Construction Tools AB; Sandvik Mining and Construction Australia Pty Ltd	2022328142	ELC MANAGEMENT LLC
2020382542	Becton, Dickinson and Company	2022328776	BOSTON SCIENTIFIC SCIMED, INC.
2020389149	Lone Gull Holdings, Ltd.	2022330009	NURIX THERAPEUTICS, INC.; GILEAD SCIENCES, INC.
2020394817	SP Maskiner I Ljungby AB	2022331571	ELI LILLY AND COMPANY
2020400353	S.D. Sight Diagnostics Ltd	2022331927	TECHNOLOGICAL RESOURCES PTY. LIMITED
2020407272	AnaCardio R&D AB	2022333603	KUBOTA CORPORATION
2020409129	OnPoint Vision, Inc.	2022346426	LG ELECTRONICS INC.
2020475491	HASEBE, T.; GLOBAL VASCULAR CO., LTD.	2022347507	EXPOSOME PVT. LTD.
2020478795	BARD PERIPHERAL VASCULAR, INC.	2022357344	WONDERLAND SWITZERLAND AG
2021203459	CATERPILLAR GLOBAL MINING LLC	2022359625	HUAWEI TECHNOLOGIES CO., LTD.
2021210280	DVx Inc.	2022359907	GOOGLE LLC
2021210597	Covestro (Netherlands) B.V.	2022370513	NEUROSENSE THERAPEUTICS LTD.
2021210738	DVx Inc.	2022371538	SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.
2021220693	DePuy Synthes Products, Inc.	2022373308	BAKER HUGHES OILFIELD OPERATIONS LLC
2021222045	ColoWrap, LLC	2022381145	HUAWEI TECHNOLOGIES CO., LTD.
2021227609	Depuy Synthes Products, Inc.	2022381719	PRC-DESOTO INTERNATIONAL, INC.
2021251079	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2022398468	APPLE INC.
2021256978	Becton, Dickinson and Company	2022400542	LG ELECTRONICS INC.
2021264372	Abion Inc.	2022402715	JFE STEEL CORPORATION
2021264445	Bard Access Systems, Inc.	2022403203	PFIZER INC.
2021312126	American Sterilizer Company		
2021316196	Regeneron Pharmaceuticals, Inc.		
2021319150	Biomodal Limited		
2021319204	Bard Access Systems, Inc.		

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2022405082	GILEAD SCIENCES, INC.	2023254988	Snap-on Incorporated
2022407295	MILLIKEN & COMPANY	2023255025	Arrowhead Pharmaceuticals, Inc
2022413862	JOHN COCKERILL HYDROGEN BELGIUM	2023258356	NINGBO SUNFREE MOTOR TECHNOLOGY COMPANY LIMITED
2022420901	MIRKA OY		Terra Quantum AG
2022422635	SHENZHEN ANTIV PHARMA CO., LTD.	2023258363	QIAGEN Sciences LLC
2022423879	UNILEVER GLOBAL IP LIMITED	2023258370	NUTRACEUTICAL WELLNESS, INC.
2022430859	VALLOUREC OIL AND GAS FRANCE	2023260833	DEEPMIND TECHNOLOGIES LIMITED
2022436263	SUZUKI Kazuyoshi	2023262195	L.E.A.F. Holdings Group LLC
2022436769	BETA (SHENZHEN) PACKAGE PRODUCTS CO., LTD;	2023263441	NAKK (Bowral) Pty Ltd
	HUIZHOU BETA PACKTECH CO., LTD	2023263557	DRÄGER SAFETY AG & CO. KGAA
2022438539	NEC ONCOIMMUNITY AS	2023265236	Trina Solar Co., Ltd
2022446293	CCTEG COAL MINING RESEARCH INSTITUTE	2023266274	Geissler Companies, LLC
2022453749	ZTE CORPORATION	2023266283	Research Institute of Chemical Defense, PLA Academy of Military Sciences
2022456018	FARMSENSE, INC.	2023266319	Apple Inc.
2022464320	EIZO CORPORATION	2023266375	Rose Acre Farms, Inc.; Johns, P.
2022470393	ZTE CORPORATION	2023270270	Dexcom, Inc.
2022473999	HALLIBURTON ENERGY SERVICES, INC.	2023270293	Sungrow Power Supply Co., Ltd.
2022474669	THE YOKOHAMA RUBBER CO., LTD.; SHANDONG XINGDA TYRE CO., LTD.	2023270326	VIERING, JENTSCHURA & PARTNER MBB PATENT-UND RECHTSANWÄLTE
2023200389	Neurona Therapeutics Inc.	2023285309	LG ELECTRONICS INC.
2023200995	Commonwealth Scientific and Industrial Research Organisation	2023285544	VERY DENNISON CORPORATION
2023203624	Terra Quantum AG	2023285739	Compass Pathfinder Limited
2023203667	Abiomed, Inc.; Icahn School of Medicine at Mount Sinai	2023285799	LumaCyte LLC
2023203869	University Of Georgia Research Foundation, Inc.	2023286012	Tomofun Co., Ltd.
2023203954	The United States of America, as represented by The Secretary, Department of Health and Human Services	2023286030	RENEWABLE METALS PTY LTD
2023204403	Angel Group Co., Ltd.	2023350690	TAKEDA PHARMACEUTICAL COMPANY LIMITED
2023204603	LG Electronics Inc.	2023361470	TONGWEI SOLAR (MEISHAN) CO., LTD.
2023205178	RENOVION, INC.	2023379421	NOKIA TECHNOLOGIES OY
2023205588	HUAWEI TECHNOLOGIES CO., LTD.	2023405234	YUEQING ZHONGCHUANG TOOLS CO., LTD
2023205744	LINDSAY CORPORATION	2023423029	Chongqing Changan Automobile Co., Ltd.
2023207323	Phillips-Medisize A/S	2024200042	Capital One Services, LLC
2023208113	The General Hospital Corporation	2024200052	ConMed Corporation
2023209609	COOPERVISION INTERNATIONAL LIMITED	2024200311	Fujikura Ltd.
2023210077	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2024200358	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
2023214277	Pipeline Medical Technologies, Inc.	2024200530	Johnson & Johnson Vision Care, Inc.
2023216654	ELI LILLY AND COMPANY	2024200761	LG Electronics Inc.
2023220533	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2024200815	Terra CO2 Technology Holdings, Inc.
2023220911	KYOCERA Senco Industrial Tools, Inc.	2024200853	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2023222916	Kabushiki Kaisha Toshiba	2024200865	IDEMIA Public Security France
2023224113	ZEBRA TECHNOLOGIES CORPORATION	2024200893	Lone Gull Holdings, Ltd.
2023225006	thyssenkrupp nucera AG & Co. KGaA	2024200921	Crown Equipment Corporation
2023225965	BOSTON SCIENTIFIC SCIMED, INC.	2024201606	The Procter & Gamble Company
2023226786	Biomerieux, Inc.	2024201800	Apple Inc.
2023229605	Fisher & Paykel Healthcare Limited	2024201844	SNIPR Technologies Limited
2023231941	CJ CHEILJEDANG CORPORATION	2024202021	Wing Aviation LLC
2023233051	Ocado Innovation Limited	2024202156	DePuy Synthes Products, Inc.
2023233065	Hendrix College; Ohio State Innovation Foundation	2024202243	Beijing Roborock Technology Co., Ltd
2023233202	Canva Pty Ltd	2024202597	Code Biotherapeutics, Inc.
2023233750	LUMENIS LTD.	2024202764	Aqua View Inc.
2023236822	UTOPUS INSIGHTS, INC.	2024203051	LG ELECTRONICS INC.
2023237012	Dexcom, Inc.	2024203317	Huawei Technologies Co., Ltd.
2023237199	Purigen Biosystems, Inc.	2024203533	Tencent America LLC
2023237207	Anduril Industries, Inc.	2024204007	ResMed Pty Ltd
2023241282	Reliance Worldwide Corporation	2024204185	Alnylam Pharmaceuticals, Inc.
2023241298	Tönnjes ISI Patent Holding GmbH	2024204379	Nu Flow Technologies 2000 Inc.
2023241303	Allergan Industrie, SAS	2024204912	Muddie's Holdings Pty Ltd
2023241387	Arm West, LLC	2024204968	Signcomplex Limited
2023243679	HUAWEI TECHNOLOGIES CO., LTD.	2024205131	BTG International Limited
2023246505	Magnum IP Holdings B.V.	2024205462	HUANG, C.
2023248053	President and Fellows of Harvard College	2024205725	Wang, H.
2023248102	Acorn Engineering Company	2024205766	i-SENS, Inc.
2023248137	Nokia Technologies Oy	2024213143	RAVEN PRODUCTS PTY. LTD.
2023248146	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2024216510	PAPACKS Sales GmbH
2023250105	SIEMENS GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY S.L.	2024219842	Novek, E.J.
2023251482	Technological Resources Pty. Limited	2024220034	Macaluso, A.
2023251498	Aleyegn Technologies LLC	2024223995	Lumus Ltd.
2023251499	SciSparc Ltd	2024227066	Medtronic, Inc.
2023252469	I-SENS, INC.	2024227459	The NOCO Company
2023253342	I-SENS, INC.	2024266758	DEKA Products Limited Partnership
		2024266851	UMICORE
		2024277834	

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2024306220	PRING, G.H.
2025200685	Dometic Sweden AB
2025202302	Kunming University of Science and Technology
2025202311	CLIFTON DEVELOPMENT AND DESIGNS PTY LTD
2025203263	Vadipour, M.
2025203692	Gen-Probe Incorporated
2025205568	NanoDX, Inc.
2025210873	On Vol Pty Ltd
2025223835	Nippon Fiber Corporation
2025226752	National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land; Shandong Agricultural University; Shandong Academy of Agricultural Sciences; Shandong Zotiser Biological Technology Co., Ltd.; Jining Hongxin Agricultural Technology Co., Ltd.; China Agricultural University; Agricultural Science Research Institute of the 13th Division, Xinjiang Production and Construction Corps

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2022456018	2024202021	<u>A23L 27 /-</u>	2019338936	2022328776	<u>A61G 5 /-</u>
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2020394817	2020227150	2019379882	2024205766	<u>A61B 5 /-</u>	<u>A61H 19 /-</u>
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2020335030	<u>A01P 3 /-</u>	2019379882	2019348052	2020213126	<u>A61J 1 /-</u>
2023205744	2020218985	2019391652	<u>A47J 42 /-</u>	2020248351	2022209320
<u>A01G 31 /-</u>	<u>A21B 3 /-</u>	<u>A23L 5 /-</u>	2019372235	2020338979	<u>A61J 3 /-</u>
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<u>A01H 1 /-</u>	<u>A21C 11 /-</u>	<u>A23L 7 /-</u>	2023248102	2020373091	<u>A61K 31 /-</u>
2019422681	2023270270	2023270270	<u>A47L 11 /-</u>	2020382542	2019379882
2020286004	<u>A23B 7 /-</u>	<u>A23P 10 /-</u>	2022227479	2020407272	2019396750
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2025226752	2019202869	<u>A23P 30 /-</u>	2024202597	2023203667	2020214641
<u>A01H 5 /-</u>	<u>A23D 9 /-</u>	2019202869	<u>A47L 5 /-</u>	2023233750	2020215380
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2025226752	2023246505	2020203204	<u>A47L 9 /-</u>	2023266283	2020320876
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2023286030	2019202869	<u>A45D 34 /-</u>	2020400353	<u>A61B 90 /-</u>	2020347536
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2019253009	2019202869	<u>A45D 40 /-</u>	<u>A61B 10 /-</u>	<u>A61C 1 /-</u>	2020355873
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2019271288		2021400331	2021316196	2021316196	2023204403
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	2022328142	2020331302	2020299718	<u>A61P 43 /-</u>	2019391717
2019379882	2022423879	2020373091	2020353984		2022317070
2022284887	2023241303	<u>A61M 35 /-</u>	2021264372	2022405082	<u>B01D 39 /-</u>
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2018396970	2019362775	2019368535	2020355873	<u>A61Q 19 /-</u>	<u>B01J 20 /-</u>
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2019253217	<u>A61L 31 /-</u>	2020269176	2021362201	2020288624	2019409881
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2022284686	2020225914	<u>A61P 17 /-</u>	2022312332	<u>A63F 11 /-</u>	<u>B02C 18 /-</u>
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2023205178	2023229605	2019253009	2022330009	2023204403	2024204968
2024204379	2024204185	2019343514	2022405082		
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2024219842	2020312806	2019391717	2024200865	<u>B65D 81 /-</u>	<u>C02F 103 /-</u>
<u>B05C 13 /-</u>	<u>B29C 33 /-</u>	<u>B60B 35 /-</u>		2022436769	
2024219842	2021466981	2020203931	<u>B60W 60 /-</u>	<u>B65D 83 /-</u>	2020268175
<u>B05D 3 /-</u>	<u>B29C 35 /-</u>	<u>B60C 15 /-</u>	2024200042 2024200530	2019342870 2021378963	<u>C02F 9 /-</u>
2020312806	2023285739	2022474669	<u>B61L 27 /-</u>	<u>B65D 90 /-</u>	2020268175
<u>B05D 7 /-</u>	<u>B29C 48 /-</u>	<u>B60K 25 /-</u>	2022331927	2023210077	<u>C04B 111 /-</u>
2022381719	2020220235 2022235669 2024205131	2024223995	<u>B62B 3 /-</u>	<u>B65G 1 /-</u>	2020278817
<u>B07B 1 /-</u>		2024266851	2025202311	2022278594 2023233051	<u>C04B 14 /-</u>
2019446331	<u>B29C 53 /-</u>	<u>B60L 50 /-</u>	<u>B62B 5 /-</u>		2020247783
<u>B07B 4 /-</u>	2020362862	2024223995	2025202311	<u>B65G 7 /-</u>	<u>C04B 18 /-</u>
2019222878	<u>B29C 55 /-</u>	<u>B60L 8 /-</u>	<u>B62B 7 /-</u>	2025202311	2020247783
<u>B08B 15 /-</u>	2022235669	2024223995	2022357344	<u>B66B 11 /-</u>	<u>C04B 28 /-</u>
2020236716	<u>B29C 63 /-</u>	<u>B60N 2 /-</u>	<u>B62B 9 /-</u>	2020204274	2020247783 2020278817
<u>B09B 3 /-</u>	2024204912	2022269314	2022357344	<u>B66B 19 /-</u>	<u>C04B 35 /-</u>
2025202302 2025223835	<u>B29C 64 /-</u>	<u>B60Q 1 /-</u>	<u>B62D 55 /-</u>	2020376244	2023203869
<u>B21G 1 /-</u>	2020276831	2024202597	2025202311	<u>B66D 1 /-</u>	<u>C04B 40 /-</u>
2019404908	<u>B29C 64 /-</u>	<u>B60Q 9 /-</u>	<u>B62D 57 /-</u>	2024205725	2020278817
<u>B23K 26 /-</u>	2021466981	2024200865	2021203459	<u>B66F 9 /-</u>	<u>C04B 7 /-</u>
2020293476	<u>B29C 67 /-</u>	<u>B60R 21 /-</u>	<u>B63B 25 /-</u>	2020202307 2020205212 2025202311	2024200853
<u>B25B 21 /-</u>	2020293691	2020280085	2022295393		<u>C07B 63 /-</u>
2023254988	<u>B29D 11 /-</u>	<u>B60R 22 /-</u>	<u>B63G 8 /-</u>	<u>B67D 3 /-</u>	2020211796
<u>B25C 1 /-</u>	2020293691	2022269314	2020389149	2020236716	<u>C07C 11 /-</u>
2020334861 2023220911 2023423029	<u>B29L 23 /-</u>	<u>B60S 11 /-</u>	<u>B64C 39 /-</u>	<u>B81B 1 /-</u>	2021446295
<u>B25C 5 /-</u>	2020362862	2020205212	2020307360	2023237199 2023286012	<u>C07C 2 /-</u>
2023220911	<u>B32B 21 /-</u>	<u>B60T 13 /-</u>	<u>B65D 1 /-</u>	<u>B82B 1 /-</u>	2021446295
<u>B25F 5 /-</u>	2020312806	2021451477	2020344619	2025223835	<u>C07C 43 /-</u>
2023254988	<u>B32B 37 /-</u>	<u>B60T 17 /-</u>	<u>B65D 21 /-</u>	<u>B82Y 5 /-</u>	2019379882
<u>B25H 1 /-</u>	2020312806	2021451477	2023233051	2023248053	<u>C07C 9 /-</u>
2019338936	<u>B33Y 10 /-</u>	<u>B60T 8 /-</u>	<u>B65D 25 /-</u>	<u>B82Y 99 /-</u>	2021446295
	2020276831	2021451477	2022436769	2021392614	<u>C07D 207 /-</u>
	<u>B33Y 50 /-</u>		<u>B65D 30 /-</u>		2020215380

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2020355873	2020355873	C07K 19 /-	C08L 71 /-	2019249422	
C07D 209 /-	2022422635			2019261281	C22B 15 /-
	C07D 491 /-	2018396970	2019464399	2019270243	
2023285799		2020253060		2019320825	2023350690
	2023216654	2021403851	C08L 83 /-	2019429609	
C07D 215 /-		C07K 7 /-		2020214831	C22B 26 /-
	C07D 517 /-		2019456207	2020242966	
2023233065		2018445889	2019464399	2020286004	2023350690
C07D 261 /-	2022317677	2019366366	C08L 97 /-	2021264372	2024277834
	C07D 519 /-	2020214831		2022246473	
2020298092		C08B 37 /-	2019351914	2023200995	C22B 3 /-
C07D 265 /-	2019379882		2024205766	2023208113	2023350690
	2022330009	2023241303	C09B 67 /-	2023231941	
2020355873	C07F 5 /-	C08F 2 /-		2023237199	C22B 47 /-
C07D 305 /-			2020220235	2023255025	
	2022371538	2023285739	C09D 11 /-	2024202021	2023350690
2019379882	2023216654			2024202764	
C07D 307 /-	C07H 19 /-	C08F 6 /-	2020276831	C12N 5 /-	C22B 5 /-
					2022402715
2022403203	2020320876	2023285739	C09D 163 /-	2018379094	C22B 7 /-
C07D 333 /-	2023361470	C08G 18 /-		2018396083	
	C07H 21 /-		2022230465	2019271288	2023350690
2022403203		2021210597	C09D 171 /-	2019348047	2024277834
C07D 345 /-	2018355237	C08G 59 /-		2022285433	
	2018385256		2020200634	2023200389	C22B 9 /-
	2019214845	2019456207	C09D 175 /-	2023258370	
2022317677	C07K 1 /-	C08G 77 /-		C12N 9 /-	2022402715
C07D 401 /-			2020203204		C25B 1 /-
	2019307959	2019456207	2020276831	2019429609	
2020211796	2019391652		2021210597	2020242966	2022413862
2020215380	2021264372	C08G 83 /-	2022230465	2020299718	2023222916
2022270347				2021316196	2023225006
2022312332	C07K 14 /-	2024202764	C09D 5 /-	2023208113	2023285309
2022405082				2024202021	
C07D 403 /-	2018396970	C08J 3 /-	2022230465	2025203692	C25B 11 /-
	2019227997		2022381719		
2020215380	2019382955	2023241303	C09D 7 /-	C12P 13 /-	2023203869
C07D 407 /-	2019391652				2023225006
	2019422681	C08J 5 /-	2022230465	C12Q 1 /-	C25B 15 /-
2020215380	2020211375		2022381719		
C07D 409 /-	2020214831	2020220235	C09J 4 /-	2019249422	2022413862
	2020232216	C08J 7 /-		2019251504	C25B 3 /-
2022403203	2020263495		2023285739	2019270243	
C07D 413 /-	2020286004	2020250782	C09K 11 /-	2019402925	2023225006
	2020291012			2019422681	
2020215380	2021264372	C08K 3 /-	2020220235	2021319150	C25B 9 /-
C07D 417 /-	2021403851			2022284686	
	2022285433	2022230465	C09K 8 /-	2023208113	2023222916
2020215380	2023231941	C08K 5 /-		2023258370	2023225006
2020353984	2023258370		2022228170	2025203692	2023285309
	C07K 16 /-	2019464399	C12M 1 /-	C12R 1 /-	C25C 1 /-
C07D 417 /-					
2020215380	2018355237	C08L 23 /-	2019374993	2025226752	2021478849
C07D 471 /-	2018358883		2020306450	C21B 13 /-	C25F 3 /-
	2018387741	2022235669			
	2018396083	C08L 5 /-	C12M 3 /-	2022402715	2020379270
2020220235	2018396970			C21B 15 /-	D01F 6 /-
2020292714	2019214845	2019379882	2019374993		
2020337938	2019220329	C08L 63 /-	C12N 1 /-	2021478849	2020264503
2020355873	2019227997			C21B 3 /-	D01F 9 /-
2022289202	2019307928		2025226752		
2022330009	2019307959	2019456207	C12N 15 /-	2022402715	2020264503
C07D 487 /-	2020216978	C08L 69 /-		C21C 1 /-	D03D 1 /-
	2021316196		2018355237		
2020292714	2022211838	2020220235	2019227997	2022402715	2022407295
	2023258370				

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<u>D06F 19 /-</u>	<u>E04H 4 /-</u>	2022373308	<u>F03D 17 /-</u>	<u>F17D 1 /-</u>	2019222878
2022400542	2020365764	<u>E21B 29 /-</u>	2023236822	2024204912	<u>F24H 3 /-</u>
<u>D06F 37 /-</u>	<u>E05B 13 /-</u>	2022373308	<u>F03D 7 /-</u>	<u>F17D 5 /-</u>	2020312473
2020294757	2019229345	<u>E21B 33 /-</u>	2023250105	2019409709	<u>F24H 6 /-</u>
<u>D06F 58 /-</u>	<u>E05B 15 /-</u>	2022373308	<u>F03G 7 /-</u>	<u>F21V 14 /-</u>	2020312473
2022400542	2019229345	<u>E21B 34 /-</u>	2024223995	2019412750	<u>F24H 9 /-</u>
<u>D06F 73 /-</u>	<u>E05B 17 /-</u>	2022373308	<u>F04D 29 /-</u>	<u>F21V 17 /-</u>	2020312473
2022400542	2019229347	2022473999	2024200921	2019412750	<u>F25B 1 /-</u>
<u>D06M 15 /-</u>	<u>E05B 3 /-</u>	<u>E21B 4 /-</u>	<u>F15B 13 /-</u>	<u>F21V 23 /-</u>	2020325953
2020203204	2019229345	2020323312	2020201977	2024202597	<u>F25B 11 /-</u>
<u>E02B 5 /-</u>	<u>E05B 47 /-</u>	2022241926	<u>F16B 31 /-</u>	<u>F21V 3 /-</u>	2020325953
2022317070	2019226304	2022373308	2020380573	2024205131	<u>F25B 15 /-</u>
<u>E02F 3 /-</u>	2019229347	<u>E21B 41 /-</u>	<u>F16H 3 /-</u>	<u>F21V 33 /-</u>	2020293382
2020244412	<u>E05B 63 /-</u>	<u>E21B 43 /-</u>	2023254988	2024202597	<u>F25B 31 /-</u>
2020376011	2019226304	2022228170	<u>F16H 57 /-</u>	2019412750	2020325953
2021203459	2019229345	2022373308	2023254988	<u>F21V 5 /-</u>	<u>F25B 40 /-</u>
<u>E02F 9 /-</u>	2019229347	<u>E21B 44 /-</u>	2024205725	2019412750	2020325953
2020244412	<u>E05B 7 /-</u>	2020205242	<u>F16L 21 /-</u>	<u>F21V 9 /-</u>	<u>F25B 9 /-</u>
2021203459	2019226304	<u>E21B 47 /-</u>	2023241282	2020220235	2020325953
2022281267	2019229345	2022373308	<u>F16L 29 /-</u>	<u>F21W 131 /-</u>	<u>F25C 1 /-</u>
2022328115	<u>E05B 85 /-</u>	<u>E21B 7 /-</u>	2023241282	2019412750	2023204603
<u>E03C 1 /-</u>	2019229345	2020205242	<u>F16L 37 /-</u>	<u>F21Y 105 /-</u>	<u>F25C 5 /-</u>
2024203051	<u>E05C 1 /-</u>	2020323312	2023241282	2019412750	2023204603
<u>E04B 1 /-</u>	2019229345	2022373308	<u>F16L 5 /-</u>	<u>F21Y 115 /-</u>	<u>F25D 11 /-</u>
2019366731	<u>E05C 19 /-</u>	<u>E21C 37 /-</u>	2019366731	2019412750	2023204603
2024306220	2019229345	2022446293	<u>F16L 55 /-</u>	<u>F22B 33 /-</u>	2023204603
<u>E04B 9 /-</u>	<u>E05F 15 /-</u>	<u>E21D 21 /-</u>	2024204912	2024204912	<u>F25D 23 /-</u>
2024306220	2020230286	2020380573	<u>F16L 58 /-</u>	<u>F23G 5 /-</u>	2024203317
<u>E04F 11 /-</u>	<u>E06B 5 /-</u>	<u>E21F 13 /-</u>	2024204912	2022310947	<u>F25D 25 /-</u>
2024216510	2019366731	<u>F01D 17 /-</u>	<u>F16L 59 /-</u>	2025202302	2023204603
<u>E04F 13 /-</u>	<u>E06B 9 /-</u>	2023220533	2019456207	<u>F23G 7 /-</u>	<u>F25D 27 /-</u>
2024306220	2020230286	<u>F01D 21 /-</u>	<u>F16N 13 /-</u>	2025202302	2024203317
<u>E04F 15 /-</u>	2023258356	2023220533	2020201977	<u>F23J 15 /-</u>	<u>F25D 29 /-</u>
2024216510	<u>E21B 10 /-</u>	<u>F02C 9 /-</u>	<u>F17C 3 /-</u>	2022310947	2023204603
<u>E04G 1 /-</u>	2022241926	2023220533	2023210077	<u>F24C 15 /-</u>	2024203317
2019338936	<u>E21B 17 /-</u>	<u>F02N 11 /-</u>	<u>F17C 7 /-</u>	2020271419	<u>F25D 31 /-</u>
2022259332	2022241926	2024266758	2022295393	<u>F24F 5 /-</u>	2020293382
<u>E04G 21 /-</u>	2022373308	<u>F02N 19 /-</u>	<u>F17C 9 /-</u>	2020293382	<u>F25J 1 /-</u>
2019280052	<u>E21B 19 /-</u>	2024266758	2023210077	<u>F24F 7 /-</u>	2020325953
<u>E04H 15 /-</u>	2022430859				
2025200685	<u>E21B 23 /-</u>				

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<u>F27B 7 /-</u>		2020400353	<u>G06F 113 /-</u>	<u>G06Q 20 /-</u>	<u>G09F 7 /-</u>
2025202302	<u>G01N 25 /-</u>				
	2023266283	<u>G02B 27 /-</u>	2020333212	2024200893	2023241298
<u>F28D 21 /-</u>	<u>G01N 27 /-</u>	2020202921	<u>G06F 119 /-</u>	<u>G06Q 50 /-</u>	<u>G09G 3 /-</u>
2020325953	2019307959	2023266375	2020333212	2022310947	2022464320
	2019409709	2024227066		2023205744	
<u>F28D 7 /-</u>	2023237199	<u>G02B 6 /-</u>	<u>G06F 13 /-</u>	2023237012	<u>G09G 5 /-</u>
2020325953	2023265236	2023203624	2023237012	<u>G06T 1 /-</u>	2023233202
	2025205568	2024200358			
<u>F41A 15 /-</u>		2024227066	<u>G06F 15 /-</u>	2023224113	<u>G10L 19 /-</u>
	<u>G01N 29 /-</u>				
2023241387	2019409709	<u>G02B 7 /-</u>	2023258363	<u>G06T 19 /-</u>	2023405234
<u>F41A 3 /-</u>	2020335030	2023266375	<u>G06F 16 /-</u>	2020202921	<u>G16B 20 /-</u>
2023241387	<u>G01N 30 /-</u>	<u>G02C 7 /-</u>	2024201844	<u>G06T 5 /-</u>	2022438539
<u>F41A 5 /-</u>	2023226786	2020293691	<u>G06F 17 /-</u>	2020202921	<u>G16B 50 /-</u>
2023241387	<u>G01N 33 /-</u>	2023209609		2020336198	2022438539
		2024200761	2023258363		
<u>F41H 11 /-</u>	2019214845	<u>G02F 1 /-</u>	<u>G06F 21 /-</u>	<u>G06T 7 /-</u>	<u>G16H 10 /-</u>
2023237207	2020335030	2024227066	2020213370	2020331453	2023237012
	2020407272		2024200893	2020336198	
<u>G01C 11 /-</u>	2021374575	<u>G03B 17 /-</u>	<u>G06F 3 /-</u>	2020400353	<u>G16H 20 /-</u>
2024202156	2022209320	2020336198	2022398468	2024201606	2020248351
	2022284686		2023233202	<u>G06V 40 /-</u>	
<u>G01C 15 /-</u>	2023258370	<u>G03B 29 /-</u>		2024200893	<u>G16H 40 /-</u>
	2025205568				
2024201606	<u>G01N 35 /-</u>	2024202597	<u>G06F 30 /-</u>	<u>G07D 9 /-</u>	2023266283
<u>G01C 21 /-</u>	2023286012	<u>G03B 30 /-</u>	2020333212	2023204403	<u>G16H 50 /-</u>
2024201606	<u>G01R 15 /-</u>	2024202597	<u>G06F 40 /-</u>	<u>G07F 17 /-</u>	2020269176
2024202156	2020280998	<u>G03F 7 /-</u>	2020213370	2023204403	<u>H01J 17 /-</u>
<u>G01C 9 /-</u>	<u>G01R 17 /-</u>	2020276831	<u>G06F 9 /-</u>	<u>G08B 17 /-</u>	2019441368
2023205744	2024213143	<u>G05B 15 /-</u>	2020213370	2020270900	<u>H01J 37 /-</u>
<u>G01F 23 /-</u>	<u>G01R 19 /-</u>	2020230286	<u>G06K 7 /-</u>	2025210873	2019441368
2020335030	2020280998	<u>G05B 17 /-</u>	2024200052	<u>G08B 29 /-</u>	<u>H01J 49 /-</u>
<u>G01J 3 /-</u>	<u>G01R 29 /-</u>	2020230286	<u>G06N 10 /-</u>	2020270900	2023226786
2023251482	2020280998	<u>G05B 19 /-</u>	2022359907	<u>G08B 31 /-</u>	<u>H01M 10 /-</u>
<u>G01K 1 /-</u>	<u>G01R 31 /-</u>	2020248388	2023258363	2020270900	2020237293
2023266283	2020280998	<u>G05B 21 /-</u>	<u>G06N 20 /-</u>	<u>G08C 17 /-</u>	2020300283
<u>G01M 1 /-</u>	<u>G01R 33 /-</u>	2024220034	2019409709	2020280998	2023350690
2025210873	2020280998	<u>G05B 23 /-</u>	2023258363	<u>G09B 19 /-</u>	2024277834
<u>G01M 3 /-</u>	<u>G01S 13 /-</u>	2023220533	2024200042		
2019409709	2023237207	<u>G05D 1 /-</u>	<u>G06N 3 /-</u>	2020248351	2020237293
<u>G01N 1 /-</u>	<u>G01S 17 /-</u>	2020307360	2019409709	<u>G09B 7 /-</u>	<u>H01M 50 /-</u>
2022209320	2023237207	2024200042	2023262195	2020248351	2023270326
<u>G01N 21 /-</u>	<u>G01W 1 /-</u>	2024202156	2024200042	<u>G09F 21 /-</u>	<u>H01M 6 /-</u>
2020370212		2024266851	2023236822	2023241298	2023350690
2021374575	2025210873	<u>G06F 11 /-</u>	<u>G06Q 10 /-</u>	<u>G09F 3 /-</u>	<u>H02G 1 /-</u>
2022381719	<u>G02B 21 /-</u>	2020213370	2022328115	2023241298	2022407295
2022456018					
2023286012					

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<u>H02G 13 /-</u>	<u>H04N 23 /-</u>
2025210873	2020293081
<u>H02G 3 /-</u>	2023286030
	2024202597
2022407295	<u>H04N 25 /-</u>
<u>H02J 3 /-</u>	2020293081
2022310947	<u>H04Q 11 /-</u>
2023236822	
2023270326	2023266283
<u>H02J 7 /-</u>	<u>H04W 24 /-</u>
2023270326	2021469770
2024266758	2022359625
<u>H02K 41 /-</u>	<u>H04W 28 /-</u>
2023266375	2022324400
	2022470393
<u>H02S 50 /-</u>	<u>H04W 36 /-</u>
2020331453	
	2020301426
<u>H04B 5 /-</u>	<u>H04W 56 /-</u>
2024200052	
	2021469770
<u>H04B 7 /-</u>	<u>H04W 72 /-</u>
2020301426	
<u>H04L 1 /-</u>	2022453749
	2023248137
2020299531	2024203533
<u>H04L 12 /-</u>	<u>H04W 74 /-</u>
2020231059	2020301426
<u>H04L 27 /-</u>	<u>H04W 76 /-</u>
2022315311	2024203533
<u>H04L 5 /-</u>	<u>H04W 8 /-</u>
2023205588	2022381145
<u>H04L 67 /-</u>	<u>H05B 47 /-</u>
2020231059	2024202597
2023243679	<u>H05G 1 /-</u>
<u>H04L 9 /-</u>	
	2021392614
2020289819	<u>H10F 10 /-</u>
2023203624	
<u>H04N 13 /-</u>	2023248146
	2023266274
2024204007	2023379421
<u>H04N 19 /-</u>	<u>H10F 71 /-</u>
2020301626	2023379421
2024200815	<u>H10F 77 /-</u>
2024204007	
<u>H04N 21 /-</u>	2023248146
	2023379421
2020231059	<u>H10K 30 /-</u>
	2022291322

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged2019222861 **Elube Pty Ltd** (Filter Technology Australia Pty Ltd)**Patents Granted****Standard Patents**

2017436815	2018204786	2018223022	2018228435
2018256927	2018271982	2018283314	2018291082
2018303254	2018311055	2018326894	2018329925
2018338647	2018360055	2018366650	2018378465
2018381191	2018404306	2018440399	2018442812
2018445164	2018451520	2018454987	2019204377
2019204558	2019204749	2019204779	2019204814
2019208101	2019208197	2019210557	2019222866
2019224159	2019229451	2019233929	2019250158
2019256517	2019262664	2019263874	2019268796
2019275491	2019275663	2019281204	2019284015
2019284210	2019285186	2019285508	2019286051
2019286386	2019286629	2019288373	2019291293
2019291944	2019296389	2019297207	2019298248
2019300838	2019301150	2019302589	2019305369
2019306787	2019308173	2019308210	2019309277
2019309940	2019310029	2019311077	2019312296
2019312561	2019321269	2019321457	2019321573
2019323737	2019325457	2019329007	2019329835
2019329958	2019330026	2019332764	2019335055
2019336212	2019336679	2019336790	2019339264
2019339538	2019342447	2019344066	2019349676
2019349982	2019350457	2019350717	2019351577
2019351887	2019354843	2019356264	2019356593
2019356797	2019356804	2019357997	2019359264
2019361737	2019362052	2019363222	2019363680
2019363697	2019364218	2019364917	2019365096
2019365575	2019369490	2019370159	2019370621
2019370721	2019371433	2019372125	2019372424
2019372432	2019374132	2019374133	2019374925
2019375035	2019376818	2019377117	2019377805
2019378874	2019380367	2019380709	2019382642
2019387326	2019388263	2019388865	2019390702
2019391016	2019392915	2019393148	2019393853
2019395033	2019395249	2019395713	2019395755
2019396355	2019396645	2019398728	2019403404
2019403713	2019403719	2019406461	2019409543
2019410270	2019413789	2019432699	2019439408
20194446949	2019457379	2019459040	2019471347
2019472431	2019478563	2020200382	2020200754
2020200757	2020201034	2020201974	2020202087
2020202399	2020202619	2020202797	2020202864
2020202918	2020203384	2020204057	2020204940
2020205447	2020205753	2020208422	2020209211
2020210554	2020211922	2020215758	2020216560
2020217603	2020218183	2020218854	2020219262
2020221188	2020223190	2020225262	2020225319
2020226445	2020228979	2020229314	2020230668
2020230753	2020234595	2020238826	2020239905
2020240036	2020241059	2020242085	2020242318
2020242577	2020243035	2020243393	2020245334
2020248435	2020249323	2020250175	2020251029
2020253266	2020253320	2020258017	2020260951
2020261274	2020262338	2020264816	2020267812
2020268102	2020270436	2020271810	2020272806
2020276294	2020276337	2020276640	2020277490
2020284965	2020286411	2020287866	2020291897
2020291919	2020292401	2020293635	2020295404
2020295661	2020296295	2020296322	2020297578
2020298115	2020299022	2020307327	2020308577

Patents Granted**Standard Patents**

2020308728	2020309223	2020310120	2020311826
2020311890	2020313213	2020320109	2020320171
2020321750	2020323943	2020324403	2020325925
2020332492	2020335113	2020337268	2020338053
2020341845	2020345789	2020345914	2020348668
2020352396	2020362093	2020362217	2020369020
2020372576	2020375627	2020377539	2020381813
2020394444	2020396050	2020400234	2020414932
2020424030	2020425742	2020425758	2020426648
2020428845	2020437176	2020445677	2021201900
2021213682	2021245146	2021246099	2021250936
2021252448	2021267093	2021267096	2021282837
2021283564	2021284131	2021293331	2021294796
2021317867	2021379311	2021383724	2021385010
2021385011	2021385222	2021393443	2021401538
2021404446	2021407653	2021411870	2021413465
2021415465	2021430772	2021459631	2021460192
2021464041	2021471001	2021472115	2021475016
2022200863	2022201336	2022202674	2022204161
2022204726	2022210719	2022211862	2022211880
2022212677	2022219113	2022221563	2022224846
2022229617	2022230472	2022230636	2022234045
2022235362	2022236543	2022241629	2022241746
2022245946	2022259225	2022259857	2022261181
2022262723	2022264939	2022267544	2022267591
2022279311	2022279416	2022282534	2022284813
2022285802	2022291593	2022303043	2022303845
2022304828	2022318572	2022320658	2022324572
2022325146	2022327463	2022332557	2022334443
2022336567	2022340511	2022344402	2022345053
2022345170	2022345171	2022345292	2022345529
2022346938	2022347318	2022348817	2022354566
2022358453	2022359808	2022363191	2022365392
2022376204	2022379559	2022383965	2022395063
2022398199	2022401654	2022402015	2022409580
2022412170	2022414519	2022416255	2022417275
2022417344	2022418407	2022418485	2022420303
2022421129	2022422881	2022425925	2022428570
2022433254	2022456713	2023200110	2023200117
2023200544	2023201062	2023201779	2023201788
2023202013	2023202089	2023202236	2023202338
2023202385	2023202610	2023202630	2023202698
2023202736	2023202741	2023202794	2023203011
2023203296	2023203424	2023203626	2023203650
2023203966	2023204110	2023204326	2023204341
2023204350	2023204619	2023204659	2023205944
2023206137	2023206140	2023206149	2023206197
2023210607	2023210649	2023210662	2023211788
2023212772	2023214293	2023216749	2023216800
2023216898	2023219934	2023219972	2023222875
2023222946	2023222956	2023222991	2023225421
2023229264	2023229559	2023233144	2023233148
2023237081	2023237218	2023241302	2023241344
2023248069	2023248107	2023251520	2023254969
2023258341	2023258387	2023258435	2023266342
2023270190	2023278127	2023282198	2023285740
2023285747	2023285749	2023285883	2023285931
2023302439	2023325778	2023327789	2023346906
2023352889	2023374920	2023382274	2023411131
2024200082	2024200357	2024200469	2024200508
2024200772	2024200971	2024201014	2024201062
2024201333	2024201634	2024201902	2024201983
2024202001	2024202107	2024202176	2024202310
2024202387	2024202437	2024202441	2024202454
2024202559	2024203188	2024203264	2024203495
2024203571	2024203576	2024204083	2024204184
2024204187	2024204325	2024204345	2024204838
2024204909	2024205085	2024213173	2024266746
2024266989	2024278326	2024280130	2024287283

Patents Granted

Standard Patents

2025201961 2025202815 2025203166

Assignments Registered

2006320623 Vyaire Medical Consumables LLC The patent has been assigned to **Zoll Medical Corporation**

2006320626 Vyaire Medical Consumables LLC The patent has been assigned to **Zoll Medical Corporation**

2006320712 Vyaire Medical Consumables LLC The patent has been assigned to **Zoll Medical Corporation**

2006344054 Vyaire Medical 211, Inc. The patent has been assigned to **Zoll Medical Corporation**

2006347959 Vyaire Medical 211, Inc. The patent has been assigned to **Zoll Medical Corporation**

2008256666 Vyaire Medical 211, Inc. The patent has been assigned to **Zoll Medical Corporation**

2008264199 Vyaire Medical 211, Inc. The patent has been assigned to **Zoll Medical Corporation**

2009333009 Vyaire Medical Consumables LLC The patent has been assigned to **Zoll Medical Corporation**

2011299456 Vyaire Medical Capital LLC The patent has been assigned to **Zoll Medical Corporation**

2011312229 Vyaire Medical 211, Inc. The patent has been assigned to **Zoll Medical Corporation**

2011312232 Vyaire Medical 211, Inc. The patent has been assigned to **Zoll Medical Corporation**

2012211062 Vyaire Medical 211, Inc. The patent has been assigned to **Zoll Medical Corporation**

2012318280 Haigh Australia Pty Ltd The patent has been assigned to **Sperling Enterprises Pty Ltd**

2015378665 Montag Investments, LLC The patent has been assigned to **Montag Manufacturing, INC.**

2015378668 Montag Investments, LLC The patent has been assigned to **Montag Manufacturing, INC.**

2016394860 Advanced Bio Machines Pte. Ltd. The patent has been assigned to **ABM Respiratory Care Pte. Ltd.**

2018101632 Williamson, Janneke The patent has been assigned to **Venture MH Pty Ltd**

2019219722 Haigh Australia Pty Ltd The patent has been assigned to **Sperling Enterprises Pty Ltd**

2019241439 UMC Utrecht Holding B.V. The patent has been assigned to **TargED Biopharmaceuticals B.V.**

2019254980 XRad Therapeutics, Inc. The patent has been assigned to **XRad Holding Cayman Limited**

2019391079 Guangzhou HybriBio Biotech Ltd.; Guangzhou HybriBio Medicine Technology Ltd. The patent has been assigned to **Guangzhou HybriBio Pharmaceutical Manufacturing Co., Ltd.**

2019395588 BGI Shenzhen Co., Ltd; BGI Shenzhen The patent has been assigned to **BGI SHENZHEN GROUP HOLDINGS CO., LIMITED**

Assignments Registered

2019409693 Chreto ApS; 3M Innovative Properties Company The patent has been assigned to **Chreto ApS; Solventum Intellectual Properties Company**

2020104177 Haigh Australia Pty Ltd The patent has been assigned to **Sperling Enterprises Pty Ltd**

2020104223 Haigh Australia Pty Ltd The patent has been assigned to **Sperling Enterprises Pty Ltd**

2023274232 Idemia Identity & Security France The patent has been assigned to **IDEMIA Road Safety France**

Licences Registered - Section 187, Reg. 19

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

2007263328 Newron Pharmaceuticals S.p.A. (Zambon S.p.A; Zambon S.p.A)

2007263328 Newron Pharmaceuticals S.p.A. (ZAMBON S.P.A.)

2008334778 NEWRON PHARMACEUTICALS S.p.A. (ZAMBON S.P.A.)

2008334778 NEWRON PHARMACEUTICALS S.p.A. (Zambon S.p.A; Zambon S.p.A)

2016202063 Novartis AG (Novartis Pharmaceuticals Australia Pty Ltd; Novartis Pharmaceuticals Australia Pty Ltd)

2024201505 Boston Scientific Scimed, Inc. (FlowMod, Inc.)

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.

2008300028 **Amgen Inc.**

The earliest first regulatory approval date provided by the patentee 24 Mar 2025

For the goods Tezspire tezepelumab

Applications Accepted

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

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

2021204596 **Genentech, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Oct 2019

For the goods POLIVY polatuzumab vedotin

Address for service : Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Extensions granted

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

2006305271 **Kissei Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 04 Nov 2024

For the goods YSELTy linzagolix

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Extension of Term of patent pursuant to Section 77 expires on 17 Oct 2031

2011215250 **Kissei Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 04 Nov 2024

For the goods YSELTY linzagolix

Extension of Term of patent pursuant to Section 77 expires on 09 Feb 2036

Specifications Republished

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

2019407595	SaltX Technology AB
2020272144	TerraPower, LLC
2021430772	PRC-DESOTO INTERNATIONAL, INC.
2022228198	Genentech, Inc.
2022257619	ESCO GROUP LLC
2022282534	PRC-DESOTO INTERNATIONAL, INC.
2022421129	PPG INDUSTRIES OHIO, INC.
2023200324	Alteogen, Inc
2024219400	International Business Machines Corporation