



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

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Ezzy Fit Pty Ltd v B3 Corp Pty Ltd [2025] APO 31

Patent Application: 2022279431

Title: A Retaining Wall System

Patent Applicant: B3 Corp Pty Ltd

Opponent: Ezzy Fit Pty Ltd

Delegate: Xavier Gisz

Decision Date: 30 September 2025

Hearing Date: 23 April 2025; further submissions filed 6 June 2025 and 30 June 2025.

Catchwords: **PATENTS** - opposition to the grant of the patent under s 59 – inventive step, clarity, sufficiency, best method – reg 5.23 – support considered pursuant to s 60(3) – some claims do not comply with s 40(3) – opportunity to amend – no award of costs

Representation: Counsel for the Applicant: Angus Lang
Patent attorney for the Applicant: Dr. David Tso of MBIP
Patent attorney for the Opponent: Trevor Dredge of Intellepro

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 23 Sep 2025 .

(71) A.H. Beard Pty Ltd (21) 2025904475 (22) 26.09.2025 (54) Body support article	Videometry in Time-Lapse Monitoring Systems (71) Anniss, K. (21) 2025904486 (22) 28.09.2025 (54) Hydrogen Opposed-Piston Power Architecture (H#OPPA)	der load and heat without welding or fasteners. (71) Beare, M. (21) 2025904449 (22) 25.09.2025 (54) Multi-piston Internal Combustion Engine
(71) Abdulslam, J. (21) 2025904539 (22) 30.09.2025 (54) Synchronized Multi-Stringer Photovoltaic Module Production System with Panel-Level Output Synchronization	(71) Armourlytics Pty Ltd (21) 2025904477 (22) 26.09.2025 (54) AETHER: A QUANTUM-RESISTANT, AI-ENHANCED COMMUNICATION PROTOCOL FOR AUTONOMOUS SWARM RESILIENCE	(71) Berrigan, S. (21) 2025904501 (22) 29.09.2025 (54) Aerodynamic Play Sphere with Adjustable Flight Properties
(71) Agtecnic Pty Ltd (21) 2025904446 (22) 25.09.2025 (54) SPRAY HEAD CONTROL IN ADVERSE ENVIRONMENTS	(71) Aurova Pty Ltd. (21) 2025904499 (22) 29.09.2025 (54) Method and Apparatus for Obstacle-Conforming Mowing	(71) Biobase Future Pty Ltd (21) 2025904473 (22) 26.09.2025 (54) CATALYSTS AND PROCESS FOR PRODUCTION OF BIO-BASED MONOMERS
(71) Angjaya, J.; Evangelista, Y. (21) 2025904482 (22) 27.09.2025 (54) Sleepwear Garment with Integrated Breast Coverage and Optional Removable Padding System	(71) Aussie Traveller Pty Ltd (21) 2025904439 (22) 25.09.2025 (54) A BRACKET FOR ATTACHING TO A FRAME MEMBER OF AN AWNING	(71) Blignaut, S. (21) 2025904522 (22) 30.09.2025 (54) UNIVERSAL WIRE (METAL) SYSTEMS, CARTRIDGES, CONSUMABLES AND METHODS FOR ON-DEMAND HYDROGEN GENERATION WITH PURIFICATION, AUTHENTICATION/ATTESTATION, VEHICLE INTEGRATION, AND ANALYTICS-DRIVEN CONTROL
(71) Angstmann, T. (21) 2025904452 (22) 25.09.2025 (54) In-Situ Glycine-Mediated Gold Recovery from Quartz-Bearing Seams Using Thermal Shock and Pressure Fracturing with Closed-Loop Electrowinning	(71) Australian National University (21) 2025904463 (22) 26.09.2025 (54) Moisture electric generator	(71) Carebotics Technologies Pty Ltd (21) 2025904481 (22) 26.09.2025 (54) Therapeutic Conversational System
(71) Angstmann, T. (21) 2025904493 (22) 29.09.2025 (54) Self-Sustaining Magnetohydrodynamic Plasma Deflection System for Hypersonic Reentry Vehicles Using Superconducting Flux Harvesting and Methane Cooling	(71) Barrett, G. (21) 2025904531 (22) 30.09.2025 (54) An interlocking connection system for flat steel plate structures comprising plates with integral projecting tabs configured to engage complementary slots in adjoining plates. The tabs are cut directly from the plate, with bearing surfaces and tapered or radiused edges to enable rapid tool-free assembly. When inserted, the tabs seat flush within the slots, locking the plates into a rigid three-dimensional structure. The system supports repeated assembly and disassembly, maintaining strength un-	(71) Carroll, N. (21) 2025904525 (22) 30.09.2025 (54) Fluid Treatment Apparatus And Method
(71) Angstmann, T. (21) 2025904516 (22) 30.09.2025 (54) Method for Non-Invasive Detection of Metabolites in In Vitro Fertilization Embryo Culture Media via Differential		(71) Cavity Sliders Limited (21) 2025904470 (22) 26.09.2025 (54) LATCHING ARRANGEMENT FOR A SLIDING WING

Provisional Applications Filed - Name Index cont'd

(71) CCMSM Commercial Pty Ltd
(21) 2025904442 (22) 25.09.2025
(54) Screw

(71) Choice Point Products Pty Ltd
(21) 2025904510 (22) 29.09.2025
(54) Exercise and Physiotherapy Apparatus

(71) COD LAB PTY LTD
(21) 2025904524 (22) 30.09.2025
(54) Training System and Methods for Evasive Running Drills Using Spaced Gates

(71) CONTOLEON, G.A.
(21) 2025904414 (22) 22.09.2025
(54) GAS-AIR THRUST FAN MOTOR

(71) Coopex Enterprises PTY LTD
(21) 2025904426 (22) 24.09.2025
(54) System for Digital Reporting and Automated Augmentation of Safety Documentation in Manufacturing Environments

(71) Cosstick, J.
(21) 2025904416 (22) 23.09.2025
(54) Non-DLT Tokenization of Human Contributions for Revenue Sharing Using Verifiable Human Contribution (VHC), Transparency Logs, and Selective-Disclosure Proofs

(71) Crathorne, F.
(21) 2025904474 (22) 26.09.2025
(54) Crankbait Device

(71) Crothers, P.
(21) 2025904428 (22) 24.09.2025
(54) A Mobile Spreader Assembly

(71) DAMIEN MARK-EMIL HOPE
(21) 2025904436 (22) 25.09.2025
(54) "Subsets" is a topological computer application that aims to enhance Capability and collaboration.

(71) DARLING, M.
(21) 2025904478 (22) 26.09.2025
(54) METHOD OF WOUND TREATMENT AND APPARATUS THEREFOR

(71) DASH Engineering Pty Ltd
(21) 2025904511 (22) 29.09.2025
(54) Seal Assembly

(71) Denny Family Holdings Pty Ltd
(21) 2025904468 (22) 26.09.2025
(54) Silo Blinds - a product attached to existing silos as an environmentally friendly tool to keep grain cool.

(71) Drane, C.
(21) 2025904433 (22) 25.09.2025
(54) AI Golf Caddy: Real-Time Swing Detection, Trajectory Estimation, Bias Correction, Impact Detection, and In-Play Club Advice Using Watch and Phone Sensors with Course and GPS Data

(71) Drury, P.
(21) 2025904421 (22) 23.09.2025
(54) Frequency-Tuned Isotope Separation Using Quantum Resonance Macrocyclic Compounds

(71) Drury, P.
(21) 2025904427 (22) 24.09.2025
(54) Theoretical Framework for Solid Hydrogen Aircraft Fuel Using Aggregation-Induced Storage"

(71) Emery Engineering Pty Ltd
(21) 2025904500 (22) 29.09.2025
(54) AN ASSEMBLY AND METHOD OF HANDLING RIBBED SHEETING MATERIALS

(71) Empathe
(21) 2025904491 (22) 28.09.2025
(54) Portable Wellness Bag with Separated Wet and Dry Compartments

Evangelista, Y. see Angjaya, J.
(21) 2025904482

(71) Everlon & Co Pty Ltd
(21) 2025904460 (22) 26.09.2025
(54) A MOUNTING STRUCTURE FOR A MEMORIAL PLAQUE

(71) Fisher, M.
(21) 2025904471 (22) 26.09.2025
(54) SLED SENSOR DEVICES AND METHODS FOR DETERMINING FORCES ACTING ON A SLED AND THE SENSOR DEVICE

(71) GLOBALFORCE IP LIMITED
(21) 2025904503 (22) 29.09.2025
(54) IMPROVEMENTS IN OR RELATING TO AN IMPACTOR

(71) Gomez, R.
(21) 2025904458 (22) 26.09.2025
(54) ALTERNATE PROCESS OF TRANSPORTING BULK HYDROGEN

(71) Greatorex, A.; Rinderer, M.
(21) 2025904530 (22) 30.09.2025
(54) Lifting sling

(71) Greenaway, L.
(21) 2025904425 (22) 24.09.2025
(54) Vortex-Enhanced Centrifugal Pump with Toroidal Wet-End Geometry

(71) Halter USA Inc.
(21) 2025904453 (22) 25.09.2025
(54) PREDICTIVE GUIDANCE APPARATUS AND METHOD THEREFOR

(71) hammat, k.
(21) 2025904454 (22) 25.09.2025
(54) Rotating Bases for Encoding with Keyed Mixing for Representation-Layer Privacy

(71) Hayes-Charlton, K.
(21) 2025904467 (22) 26.09.2025
(54) Removable Solar-Powered Child Presence Detection and Emergency Alert Mat

(71) Hinds, P.
(21) 2025904457 (22) 25.09.2025
(54) Orbital Methalox Production System

(71) Hinkel, R.
(21) 2025904502 (22) 29.09.2025
(54) Quantum-Enhanced Diurnal Thermal Siphon Generator (Q-DTSG)

(71) Holland, A.
(21) 2025904430 (22) 24.09.2025
(54) Joist Bracket Assembly

(71) Integrant Pty Ltd
(21) 2025904506 (22) 29.09.2025
(54) Biologic Conjoint for Joint Repair

(71) Iron Grip Holdings Pty Limited
(21) 2025904419 (22) 23.09.2025
(54) Drill bit

(71) Jadan Group Pty Ltd
(21) 2025904461 (22) 26.09.2025
(54) Bale stacker

(71) Kelly, C.
(21) 2025904409 (22) 23.09.2025
(54) A device to treat obstructive sleep apnoea while any type of orthodontic work is carried out simultaneously.

(71) Kenny, R.
(21) 2025904318 (22) 17.09.2025
(54) CONSTRUCTION SYSTEM COMPONENTS

Provisional Applications Filed - Name Index cont'd

(71) Khosraviani, F.
(21) 2025904450 (22) 25.09.2025
(54) Hygienic Multi-Format Tissue Packaging Container with Peelable Inner Seal and Snap Cap Closure

(71) King Furniture Australia Pty Ltd
(21) 2025904527 (22) 30.09.2025
(54) Arm for compressible furniture

(71) Koala AU Operations Pty Ltd
(21) 2025904435 (22) 25.09.2025
(54) Sofa or sofa bed with removable insert

(71) Kosev-Lex, J.
(21) 2025904431 (22) 24.09.2025
(54) System and method for symbolic cognition and tensor based semantic encoding

Krishnan, R. see SPARK INITIATIVES PTY LTD
(21) 2025904517

(71) Leroux, R.
(21) 2025904497 (22) 29.09.2025
(54) SYSTEM AND METHOD FOR SINGLE-INSTANCE DIGITAL FILE OWNERSHIP

(71) MacGillivray, D.
(21) 2025904523 (22) 30.09.2025
(54) Training Aid

(71) Macquarie University
(21) 2025904476 (22) 26.09.2025
(54) A gimbal

(71) Magnam Consulting Pty Ltd
(21) 2025904466 (22) 26.09.2025
(54) Vanadium Electrolyte Production Method

(71) Makinex IP Pty Ltd
(21) 2025904480 (22) 26.09.2025
(54) A LINER FOR A MIXER AND A MIXER

(71) MANSUR, D.
(21) 2025904455 (22) 25.09.2025
(54) VEHICLE STORAGE ACCESSORY

(71) Mastalir, P.
(21) 2025904441 (22) 25.09.2025
(54) Structural frame or body incorporating structural hydrogen storage vessels

(71) Maxfield, D.
(21) 2025904432 (22) 24.09.2025
(54) Removable Copper Infuser Insert For Liquid Drinking Vessels

(71) Maxfield, D.
(21) 2025904540 (22) 30.09.2025
(54) Smart Mineralising Water Vessels with Adjustable Ion Release and Real-Time Monitoring

(71) mcdonald murphy, j.
(21) 2025904490 (22) 28.09.2025
(54) Magnetic floormat holder

(71) McGuire, K.
(21) 2025904479 (22) 26.09.2025
(54) Dual-Layer Antimicrobial and Odor-Neutralizing Undergarment Gusset

(71) McIntyre, M.
(21) 2025904418 (22) 23.09.2025
(54) FOLDING URINAL AND METHODS OF ASSEMBLY RELATING THERETO

(71) Medlock, B.
(21) 2025904415 (22) 23.09.2025
(54) PebbleCredit: System and Method for Balance-Based Redemption from Persistent Scannable Code

(71) Medlock, B.
(21) 2025904423 (22) 24.09.2025
(54) PebblePath: System and Method for Instructional Progression via Persistent Scannable Codes

(71) Medlock, B.
(21) 2025904456 (22) 25.09.2025
(54) Lumenstone: A Sealed Monolithic Crystal Computing Apparatus

(71) Medlock, B.
(21) 2025904488 (22) 28.09.2025
(54) Binary-Field Interface Block – A Translational Architecture for Interfacing Conventional Binary Systems with Field-Encoded Computing Media

(71) MICHAU, R.E.
(21) 2025904496 (22) 29.09.2025
(54) Rotatable Bulk Shipping Container

(71) MOBILEGLOBAL PTY LTD
(21) 2025904492 (22) 28.09.2025
(54) Hydrometallurgical process for selective extraction of iron, rare earths, and critical metals from red mud via oxalic-first leaching, nitric acid residue digestion, and AI-guided variability management.

(71) Morgan-Williams, R.
(21) 2025904520 (22) 30.09.2025
(54) The present invention relates to a digital platform and method for providing real-time, remote consultation services with licensed building certifiers & building Inspectors, aimed at homeowners, builders, and developers seeking compliance advice, planning advice, and inspection services. Current solutions allow inspections or reporting but do via video but not a process that allows public to get oncall advice (e.g telehealth)

(71) Murphy, W.
(21) 2025904518 (22) 30.09.2025
(54) ShowerLoop: Portable, Non-Plumbed Tri-Tank Recirculating Shower Accessory with Air-Gapped Top-Ups and Passive Overflow Control

(71) Naturale Pty Ltd Tasmania Australia & HKB Corporation South Korea
(21) 2025904513 (22) 29.09.2025
(54) An improved method to produce rumen protected fat supplements for ruminants

(71) Neurocore Pty Ltd
(21) 2025904505 (22) 29.09.2025
(54) Telecommunications Filtering Method, Program, and Apparatus

(71) NewSouth Innovations Pty Limited
(21) 2025904509 (22) 29.09.2025
(54) A communication system

(71) NuFiba Pty Ltd
(21) 2025904443 (22) 25.09.2025
(54) MATERIALS AND METHODS FOR BINDING CELLS

(71) O'Hanlon, P.
(21) 2025904411 (22) 23.09.2025
(54) Computer-implemented systems and methods for compiling and executing consulting engagement packages

(71) Otago Innovation Limited
(21) 2025904515 (22) 30.09.2025
(54) Novel Biomarker Signatures

(71) OtherPay Pty Ltd
(21) 2025904444 (22) 25.09.2025
(54) MULTI-SOURCE ONLINE FUNDS IDENTIFICATION IN ELECTRONIC PAYMENT DEVICE

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(71) OtherPay Pty Ltd
(21) 2025904445 (22) 25.09.2025
(54) UNFEDERATED FEDERATED IDENTITY MANAGEMENT SOLUTION

(71) Pharmorage Pty Limited
(21) 2025904437 (22) 25.09.2025
(54) RIG-I inhibitors

(71) Prosthesis Pty Ltd
(21) 2025904489 (22) 28.09.2025
(54) Prosthetic Knee Meniscus System

(71) Psychology Network Pty Ltd
(21) 2025904514 (22) 29.09.2025
(54) Localised LLM with dynamic locality dial

(71) R & T (AUSTRALIA) PTY LTD
(21) 2025904533 (22) 30.09.2025
(54) METHOD FOR EXTRACTING HIGH-QUALITY ASTAXANTHIN OIL RESIN FROM HAEMATOCOCCUS PLUVIALIS

(71) Randle, G.
(21) 2025904440 (22) 25.09.2025
(54) Deterministic Memory-Fabric Appliance for Feeding GPU Tiles at HBM Rates

(71) Red Milawa Pty Ltd
(21) 2025904464 (22) 26.09.2025
(54) CHASSIS FOR A PERSONAL MOBILITY VEHICLE WITH ANTI-TIP MECHANISM

(71) Renewable Metals Pty Ltd
(21) 2025904519 (22) 30.09.2025
(54) Recovery of Cobalt and Lithium from E-waste

(71) RESMED PTY LTD
(21) 2025904462 (22) 26.09.2025
(54) ADJUSTABLE POSITIONING AND STABILISING STRUCTURES

(71) revell, w.
(21) 2025904459 (22) 26.09.2025
(54) Audible Temperature Indicator Sticker for Beverages – Pops at Optimal Chill

Rinderer, M. see Greatorex, A.
(21) 2025904530

(71) Royal Melbourne Institute of Technology
(21) 2025904447 (22) 25.09.2025
(54) Method of forming a coating on a plant

(71) Royal Melbourne Institute of Technology; The University of Melbourne
(21) 2025904448 (22) 25.09.2025
(54) A Method and Apparatus for Evaluating Dry Eye Disease

(71) Sat One Global Pty Ltd
(21) 2025904483 (22) 27.09.2025
(54) COMMUNICATION DEVIATION DETECTION AND PACKET ORDER PROTECTION

(71) Scolaro, A.
(21) 2025904487 (22) 28.09.2025
(54) A Mechanical Drive

(71) shahidi zadeh, s.
(21) 2025904512 (22) 29.09.2025
(54) ZANA-SALVITA-1: A Bio-Salt and Alginate-Based Intravenous Anti-Cancer Treatment for Cellular Regeneration

(71) Sleekswitch
(21) 2025904498 (22) 29.09.2025
(54) Slim AU plug

(71) Smart MCs PTY LTD
(21) 2025904526 (22) 30.09.2025
(54) Microfluidic device and system utilising same

(71) SOON FUTURE STUDIES PTY LTD
(21) 2025904494 (22) 29.09.2025
(54) System and Method for Client-Specific Cultural Intelligence Using Adaptive AI Agents, Human-in-the-Loop Curation, and Nested Client Research Profiles

(71) SOR AU Pty Ltd
(21) 2025904485 (22) 27.09.2025
(54) computer-implemented methods and systems for evidencing, tokenising and managing environmental and other sustainability outcomes

(71) SPARK INITIATIVES PTY LTD; Krishnan, R.
(21) 2025904517 (22) 30.09.2025
(54) System and Method for Verified Receipt Processing with Confidence Scoring, Fraud Detection, and Social Tagging

(71) St. Vincent's Hospital Sydney Limited
(21) 2025904469 (22) 26.09.2025
(54) Heart pump

(71) Strike Stimulation Limited
(21) 2025904521 (22) 30.09.2025
(54) FRACTURING SUBTERRANEAN FORMATIONS USING PRESSURISED GAS

(71) Sukkarieh, M.
(21) 2025904451 (22) 25.09.2025
(54) Instant baby milk storage and heater flask

(71) Syner Global Pty Ltd
(21) 2025904484 (22) 27.09.2025
(54) Method and Apparatus for Monitoring Bed Turnover in Aged Care Institutions

(71) T & L Co. Ltd
(21) 2025904438 (22) 25.09.2025
(54) FIRE SPRINKLER SYSTEMS AND METHODS

(71) Taylor, D.
(21) 2025904434 (22) 25.09.2025
(54) A Multi-Level Car Parking System

The University of Melbourne see Royal Melbourne Institute of Technology
(21) 2025904448

(71) The University of Queensland
(21) 2025904465 (22) 26.09.2025
(54) System For Non-Invasive Ultrasound Therapy

(71) The University of Queensland
(21) 2025904508 (22) 29.09.2025
(54) Recovery of Rare Earth Elements

(71) The University of Sydney
(21) 2025904495 (22) 29.09.2025
(54) MYCO-COMPOSITE MATERIALS AND PRODUCTION THEREOF

(71) Thort Werx Pty Ltd
(21) 2025904504 (22) 29.09.2025
(54) Advanced Frequency Measurement and Subsampling System

(71) TRACEY, s.
(21) 2025904424 (22) 24.09.2025
(54) Hair foil dispensing and organizing apparatus

(71) Virtos Pty Ltd
(21) 2025904429 (22) 24.09.2025
(54) Electric vehicle charging system

(71) Weir Minerals U.S. Inc.
(21) 2025904528 (22) 30.09.2025
(54) PUMP LINER

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(71) Wise Industries Pty Ltd
(21) 2025904507 (22) 29.09.2025
(54) A device for managing services

(71) WiseTech Global Limited
(21) 2025904472 (22) 26.09.2025
(54) Structured data generation

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2025904447	Royal Melbourne Institute of Technology		South Korea
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2025904476	Macquarie University		
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2025904479	McGuire, K.		
2025904480	Makinex IP Pty Ltd		

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Applications listed below were processed through the Patent Office Canberra during the period ending 23 Sep 2025 .

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

(71) A&I POWER GROUP INC. (21) 2025237924 (22) 23.09.2025 (54) A HIGH EFFICIENCY POWER GENERATION SYSTEM AND A METHOD OF OPERATING SAME	(71) Air Products and Chemicals, Inc. (21) 2025242094 (22) 30.09.2025 (54) APPARATUS AND METHOD FOR ELECTROLYTE SOLUTION PRODUCTION	(71) Antag Therapeutics ApS (21) 2025237957 (22) 24.09.2025 (54) Modified GIP peptide analogues
(71) A&IP PTY LTD ACN 691351256 The Trustee for A&IP Family Holdings ABN 63 375 672 762 (21) 2025242142 (22) 30.09.2025 (54) HEAT PUMP INTEGRATED THERMAL MANAGEMENT SYSTEM FOR RESIDENTIAL BATTERY STORAGE AND MICRO DATA CENTER IN HOT CLIMATES	(71) Aktiebolaget SKF (21) 2025242123 (22) 30.09.2025 (54) DEVICE FOR DETERMINING THE ELONGATION OF TWO CHAINS AND ASSOCIATED TWIN-CHAIN CONVEYOR AND METHOD	(71) Applied Medical Resources Corporation (21) 2025238012 (22) 25.09.2025 (54) Electrosurgical generator control system
(71) AbbVie Inc. (21) 2025238004 (22) 25.09.2025 (54) Carbidopa and L-dopa prodrugs and their use to treat Parkinson's disease	(71) AMADEUS S.A.S.; ICM Airport Technics Pty Ltd (21) 2025237989 (22) 25.09.2025 (54) Improved liveness detection	(71) Arbor Biotechnologies, Inc. (21) 2025237913 (22) 23.09.2025 (54) Novel CRISPR DNA targeting enzymes and systems
(71) ABI Interiors Pty Ltd (21) 2025242125 (22) 30.09.2025 (54) A Mixing Valve for the Independent Control of Fluid Pressure and Fluid Temperature	(71) American TEL-A-Systems, Inc. (21) 2025238113 (22) 29.09.2025 (54) CALL-CENTER SCRIPT RECONSTRUCTION AND RECOVERY	(71) Aristocrat Technologies, Inc. (21) 2025237938 (22) 24.09.2025 (54) SYSTEMS AND METHODS FOR CONTROLLING VISUALLY THEMATIC BONUS FEATURES OF ELECTRONIC WAGERING GAMES
(71) Acres Technology (21) 2025238048 (22) 25.09.2025 (54) Optimizing Drawing Prize Awards	(71) Amgen Inc. (21) 2025237946 (22) 24.09.2025 (54) Drug delivery device and methods of delivering a drug	(71) Aristocrat Technologies, Inc. (21) 2025238145 (22) 29.09.2025 (54) System and Method for Modeling Gaming Player Behavior in a Virtual Test Casino Environment
(71) ADVANCED MEDICAL DESIGN CO., LTD. (21) 2025238130 (22) 29.09.2025 (54) SURGICAL DEVICE	(71) Amgen Inc. (21) 2025237955 (22) 24.09.2025 (54) KRAS G12C inhibitors and methods of using the same	(71) Aristocrat Technologies Australia Pty Limited (21) 2025238032 (22) 25.09.2025 (54) GAMING MACHINE AND METHOD FOR EVALUATING PLAYER REACTIONS
(71) Advanced Neuromodulation Systems, Inc. (21) 2025237981 (22) 25.09.2025 (54) NEUROSTIMULATION USING ONE OR MORE CYCLING PARAMETERS FOR A NON-PARESTHESIA STIMULATION PATTERN	(71) Amgen Inc. (21) 2025237983 (22) 25.09.2025 (54) Drug delivery device	(71) Aristocrat Technologies Australia Pty Limited (21) 2025238037 (22) 25.09.2025 (54) SIGNAGE LAYERED DISPLAY MONITORS
(71) Aim Lab Automation Technologies Pty Ltd (21) 2025238126 (22) 29.09.2025 (54) APPARATUS FOR ASPIRATING AND DISPENSING A LIQUID	(71) Amgen Inc. (21) 2025238136 (22) 29.09.2025 (54) A continuous manufacturing process for biologics manufacturing by integration of drug substance and drug product processes	(71) Aristocrat Technologies Australia Pty Limited (21) 2025238095 (22) 26.09.2025 (54) ELECTRONIC GAMING SYSTEM AND METHOD OF PROVIDING PROGRESSIVE JACKPOT PLAY
	(71) Anagnostopoulos, C. (21) 2025237909 (22) 23.09.2025 (54) Intra-aortic balloon apparatus, assist devices and methods for improving flow, counterpulsation and haemodynamics	(71) Aristocrat Technologies Australia Pty Limited (21) 2025242080 (22) 30.09.2025 (54) WHEEL DISPLAY WITH MOVEABLE SEGMENTS

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(71) Aristocrat Technologies Australia Pty Limited (21) 2025242091 (22) 30.09.2025 (54) A GAMING SYSTEM AND A METHOD OF MONITORING A GAMING DEVICE	(71) BASF Agricultural Solutions Seed US LLC (21) 2025238050 (22) 25.09.2025 (54) Plants containing elite event EE-GM5 and methods and kits for identifying such event in biological samples, and treatment thereof	(71) BioSapien Inc. (21) 2025237992 (22) 25.09.2025 (54) Drug-eluting surgical articles and related methods
(71) Aristocrat Technologies Australia Pty Limited (21) 2025242096 (22) 30.09.2025 (54) ASSET PACKAGING FOR MULTIPLE APPLICATIONS SHARING COMMON ASSETS	(71) BAUER Maschinen GmbH (21) 2025237963 (22) 24.09.2025 (54) METHOD AND SYSTEM FOR DETERMINING THE POSITION AND/OR THE ORIENTATION OF TOOLS OF CONSTRUCTION MACHINES IN A CONSTRUCTION AREA	(71) Bluewater Bio Limited (21) 2025238015 (22) 25.09.2025 (54) Non-woven mat
(71) Aristocrat Technologies Australia Pty Ltd (21) 2025238144 (22) 29.09.2025 (54) GAMING DEVICE WITH DYNAMIC PRIZE TABLE FEATURE GAME	(71) Baxter Corporation Englewood (21) 2025238030 (22) 25.09.2025 (54) IMPROVED WORK STATION FOR MEDICAL DOSE PREPARATION SYSTEM	(71) Boston Scientific Neuromodulation Corporation (21) 2025238023 (22) 25.09.2025 (54) Sensor operation adapted to patient behavior
(71) Art Plastics Pty Ltd (21) 2025242116 (22) 30.09.2025 (54) BATHROOM FITTINGS	Baxter Healthcare SA see Baxter International Inc. (21) 2025237968	(71) Boston Scientific Neuromodulation Corporation (21) 2025238035 (22) 25.09.2025 (54) Circuitry to assist with neural sensing in an implantable stimulator device in the presence of stimulation artifacts
(71) Aspen Pumps Limited (21) 2025238098 (22) 26.09.2025 (54) Improved liquid sensor	(71) Baxter International Inc.; Baxter Healthcare SA (21) 2025237968 (22) 24.09.2025 (54) VASCULAR MONITORING SYSTEM	(71) Brother Kogyo Kabushiki Kaisha (21) 2025238045 (22) 25.09.2025 (54) CASSETTE
(71) Ausco Modular Pty Limited (21) 2025238131 (22) 29.09.2025 (54) SHEETING FASTENER FOR BUILDING FRAMES	(71) Baylor College of Medicine (21) 2025238062 (22) 26.09.2025 (54) CD1d-restricted NKT cells as a platform for off-the-shelf cancer immunotherapy	(71) BROWN PLANET PTY LTD (21) 2025238029 (22) 25.09.2025 (54) This technical solution enhances heavy-duty trucks' operational range by installing an additional battery trailer with solar panels covering all surfaces. The system continuously charges on-board batteries using sunlight during both stationary and moving operations, effectively addressing the challenge of charging trucks being unsuitable for long-distance transportation.
(71) AutoPacific Australia Pty Ltd (21) 2025238008 (22) 25.09.2025 (54) FRONTAL PROTECTION ASSEMBLY (2)	(71) BBU Pty Ltd (21) 2025242117 (22) 30.09.2025 (54) BIMINI APPARATUSES AND METHODS	(71) Burroughs, R. (21) 2025237962 (22) 24.09.2025 (54) Method and Composition for Rendering Paved Surfaces with an Adjustable Beach-Like Finish
(71) BAKER HUGHES OILFIELD OPERATIONS LLC (21) 2025237965 (22) 24.09.2025 (54) Enhanced backscatter fiber with tapering enhancement	(71) Beijing Dajia Internet Information Technology Co., Ltd. (21) 2025238085 (22) 26.09.2025 (54) Residual and coefficients coding for video coding	(71) Canon Kabushiki Kaisha (21) 2025238100 (22) 26.09.2025 (54) Method, apparatus and system for encoding and decoding a bitstream
(71) BAMBINO PREZIOSO SWITZERLAND AG (21) 2025238002 (22) 25.09.2025 (54) Baby Carrier	(71) Beijing Youcare Kechuang Pharmaceutical Technology Co., Ltd. (21) 2025237961 (22) 24.09.2025 (54) GalNAc monomer comprising ribose ring or derivative structure thereof and use thereof in liver-targeted delivery of small nucleic acid drugs	
(71) BAMBINO PREZIOSO SWITZERLAND AG (21) 2025238005 (22) 25.09.2025		

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(71) Caretek (China) Medical PLC
(21) 2025242098 (22) 30.09.2025
(54) Split Guardrail Structure with Synchronised Elevation Mechanism for Hospital and Nursing Beds

(71) CATERPILLAR INC.
(21) 2025237988 (22) 25.09.2025
(54) SYSTEM AND METHOD FOR CONTROLLING AUXILIARY SYSTEM OF WORK MACHINE

(71) CATERPILLAR INC.
(21) 2025237990 (22) 25.09.2025
(54) SYSTEM AND METHOD FOR CONTROLLING AUXILIARY SYSTEM OF WORK MACHINE

(71) CATERPILLAR INC.
(21) 2025238028 (22) 25.09.2025
(54) SYSTEMS AND METHOD FOR MANAGING MACHINES

(71) CATERPILLAR PAVING PRODUCTS INC.
(21) 2025237982 (22) 25.09.2025
(54) SCREED PLATE FOR PAVING MACHINE

(71) CATERPILLAR PAVING PRODUCTS INC.
(21) 2025237984 (22) 25.09.2025
(54) SCREED PLATE FOR PAVING MACHINE

(71) CATERPILLAR PAVING PRODUCTS INC.
(21) 2025238024 (22) 25.09.2025
(54) SCREED PLATE FOR PAVING MACHINE

(71) CB&I STS DELAWARE LLC
(21) 2025237954 (22) 24.09.2025
(54) Large-scale vacuum insulated cryogenic storage

(71) Cell Cure Neurosciences Ltd.
(21) 2025237944 (22) 24.09.2025
(54) RPE cell populations and methods of generating same

(71) Cell Cure Neurosciences Ltd.
(21) 2025238003 (22) 25.09.2025
(54) Preparation of retinal pigment epithelium cells

(71) Ceres Power Limited
(21) 2025237985 (22) 25.09.2025
(54) Electrochemical fuel conversion system

(71) chirva, n.
(21) 2025238018 (22) 25.09.2025
(54) Zuess Alarm System for Occupational Workplace Health and Safety)

(71) Cixi Bosheng Plastic Co., Ltd.
(21) 2025242101 (22) 30.09.2025
(54) Mop bucket for cleaning and wringing flat mop

(71) CNH Industrial America LLC
(21) 2025238066 (22) 26.09.2025
(54) Outlet assembly for a row unit of an agricultural harvester

(71) CNH Industrial Canada, Ltd.
(21) 2025238068 (22) 26.09.2025
(54) Row unit lift control system for an agricultural seeding implement

(71) COALBED INNOVATIONS PTY LTD
(21) 2025238000 (22) 25.09.2025
(54) A SENSOR ARRANGEMENT FOR DETECTING THE COLOURS OF SLURRIES

(71) Cognian Technologies Ltd.
(21) 2025238043 (22) 25.09.2025
(54) Systems, methods, and devices for obtaining feedback information to reveal group preferences

(71) Cognian Technologies Ltd.
(21) 2025238089 (22) 26.09.2025
(54) Systems, methods and devices for networking over a network

(71) Coleman, A.
(21) 2025238056 (22) 26.09.2025
(54) Automated IP Search System with In-Depth Prior-Art Identification, Threat Assessment and Mitigation Reports

(71) Colgate-Palmolive Company
(21) 2025242110 (22) 30.09.2025
(54) Oral treatment device, system and method

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(21) 2025238042

(71) Coulter Ventures LLC
(21) 2025238094 (22) 26.09.2025
(54) Exercise bike

(71) Crathorne, F.
(21) 2025238135 (22) 29.09.2025

(54) Crankbait Device

(71) Cullis-Hill, S.
(21) 2025234176 (22) 17.09.2025
(54) Treatment for Coronavirus infection and associated cytokine toxicity

(71) Deakin, C.
(21) 2025237979 (22) 25.09.2025
(54) Steam Cabinet

(71) Deere & Company
(21) 2025238001 (22) 25.09.2025
(54) Agricultural planting machine seed meter having seed ramp

(71) Deere & Company
(21) 2025238115 (22) 29.09.2025
(54) System and method of work implement engagement control

(71) Deere & Company
(21) 2025238118 (22) 29.09.2025
(54) Speed control system for an agricultural machine

(71) Deere & Company
(21) 2025238125 (22) 29.09.2025
(54) Methods and apparatus to determine a target speed for an agricultural vehicle

(71) Dispensing Technologies B.V.
(21) 2025242088 (22) 30.09.2025
(54) Gas-filled resilient body and use thereof

(71) Distalmotion SA
(21) 2025238052 (22) 26.09.2025
(54) SURGICAL ROBOT SYSTEMS COMPRISING ROBOTIC TELEMANNIPULATORS AND INTEGRATED LAPAROSCOPY

(71) Dolby International AB
(21) 2025237948 (22) 24.09.2025
(54) Model based prediction in a critically sampled filterbank

(71) Dolby Laboratories Licensing Corporation
(21) 2025237941 (22) 24.09.2025
(54) Encoding and decoding IVAS bit-streams

(71) Dyno Nobel Inc.
(21) 2025238019 (22) 25.09.2025
(54) Systems for automated loading of blastholes and methods related thereto

Complete Applications Filed - Name Index cont'd

(71) E2interactive, Inc. d/b/a E2interactive, Inc. (21) 2025238134 (22) 29.09.2025 (54) Capturing and routing IoT device communications to provide offers and conduct transactions	an External Power Grid, Control Method, Control Device, and Storage Medium	(71) Figene, LLC (21) 2025238009 (22) 25.09.2025 (54) Methods and compositions for treatment of type 1 diabetes using fibroblasts as facilitators of islet engraftment
(71) Eagle View Technologies, Inc. (21) 2025237930 (22) 24.09.2025 (54) NAVIGATING UNMANNED AIRCRAFT USING PITCH	(71) ENVISION ENERGY TECHNOLOGY PTE LTD (21) 2025242115 (22) 30.09.2025 (54) Wind Turbine System Activatable and Runnable Independently of an External Power Grid, Control Method, Control Device Thereof, and Storage Medium	(71) Fisher & Paykel Healthcare Limited (21) 2025237991 (22) 25.09.2025 (54) HEADGEAR CONNECTORS AND HEADGEAR FOR USE WITH OR COMPRISING PART OF A USER INTERFACE ASSEMBLY
(71) ECCOGENE INC. (21) 2025237942 (22) 24.09.2025 (54) Tetrahydropyrazolo-pyrazinyl-dihydroimidazolone or tetrahydropyrazolo-pyridinyl-dihydroimidazolone compounds and methods of using same	(71) Envoy Medical Corporation (21) 2025242079 (22) 30.09.2025 (54) Cochlear implant system with improved input signal-to-noise ratio	(71) Fisher & Paykel Healthcare Limited (21) 2025238016 (22) 25.09.2025 (54) A USER INTERFACE FOR SUPPLYING GASES TO AN AIRWAY
(71) Eli Lilly and Company (21) 2025237970 (22) 24.09.2025 (54) Methods and apparatus for insulin dosing guidance and decision support for diabetic patient exercise	(71) EQUIFAX, INC.; FIDELITY INFORMATION SERVICES, LLC (21) 2025242090 (22) 30.09.2025 (54) UNIVERSAL DIGITAL IDENTITY AUTHENTICATION SERVICE	(71) Fisher & Paykel Healthcare Limited (21) 2025238111 (22) 29.09.2025 (54) Breathing assistance apparatuses and/or components thereof and/or uses thereof
(71) Eli Lilly and Company (21) 2025238025 (22) 25.09.2025 (54) Incretin analog-containing compositions and uses thereof	(71) ETH Zurich (21) 2025242082 (22) 30.09.2025 (54) SYSTEMS AND METHODS TO CLASSIFY ANTIBODIES	(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2025237951 (22) 24.09.2025 (54) CONTROL FOR RESPIRATORY DEVICE
(71) ELI LILLY AND COMPANY (21) 2025238081 (22) 26.09.2025 (54) Techniques For Processing Wirelessly Broadcast Packets From A Medical Device With Dose-Related Data	(71) Expedia, Inc. (21) 2025237911 (22) 23.09.2025 (54) Tessellation-based proximity system	(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2025238046 (22) 25.09.2025 (54) CONTROL FOR RESPIRATORY DEVICE
(71) Ember Technologies, Inc. (21) 2025238036 (22) 25.09.2025 (54) Chilled beverage container and chilled beverage dispensing systems and methods	(71) FAICZAK, J. (21) 2025238097 (22) 26.09.2025 (54) Differential pressure loss valve	(71) Flaskworks, LLC (21) 2025237907 (22) 23.09.2025 (54) Duty cycle for cell culture systems
(71) Endocyte, Inc.; Purdue Research Foundation; Seattle Children's Hospital (DBA Seattle Children's Research Institute) (21) 2025237960 (22) 24.09.2025 (54) Methods of use for CAR T cells	(71) Fanca Technologies Pty Ltd (21) 2025237943 (22) 24.09.2025 (54) DUST EXTRACTION DEVICE	(71) Fling High Group (21) 2025238109 (22) 28.09.2025 (54) Centering Tool with Prism Mount for Determining Theoretical Corner Points
(71) ENVISION ENERGY TECHNOLOGY PTE LTD (21) 2025242092 (22) 30.09.2025 (54) Control Method and System for Grid-Forming Device, Electronic Device, and Storage Medium	(71) Federal Signal Corporation (21) 2025242119 (22) 30.09.2025 (54) VEHICULAR MODULAR LUMINAIRES	(71) FLOWSERVE PTE. LTD. (21) 2025238096 (22) 26.09.2025 (54) Methods and valves including flushing features
(71) ENVISION ENERGY TECHNOLOGY PTE LTD (21) 2025242093 (22) 30.09.2025 (54) Wind Turbine System Capable of Starting Up and Operating Independently of	(71) FEI Company (21) 2025238088 (22) 26.09.2025 (54) Insulation gas for high voltage component of electron microscopes	(71) FMI BUILDING INNOVATION LIMITED (21) 2025238119 (22) 29.09.2025 (54) Improved Window Stay and Assembly Method
	(71) Fibrobiologics, Inc. (21) 2025238010 (22) 25.09.2025 (54) Concurrent activation of regenerative and tolerogenic processes by fibroblast-based compositions for the treatment of multiple sclerosis	(71) Fortress Iron, LP (21) 2025242103 (22) 30.09.2025 (54) DECK FRAMING SYSTEM
	FIDELITY INFORMATION SERVICES, LLC see EQUIFAX, INC. (21) 2025242090	

Complete Applications Filed - Name Index cont'd

(71) GaleMed (Xiamen) Co., Ltd.
(21) 2025238149 (22) 29.09.2025
(54) A BIO-BASED POLYMER COMPOSITION AND ITS APPLICATION AND APPLICATION METHOD

(71) Genentech, Inc.
(21) 2025238129 (22) 29.09.2025
(54) Methods Of Administering Anti-Fibrotic Therapy

(71) Genmab A/S
(21) 2025237959 (22) 24.09.2025
(54) Heterodimeric antibody FC-containing proteins and methods for production thereof

(71) Genzyme Corporation
(21) 2025237999 (22) 25.09.2025
(54) GENERATION OF IMPROVED HUMAN PAH FOR TREATMENT OF SEVERE PKU BY LIVER-DIRECTED GENE REPLACEMENT THERAPY

(71) GFB (ABC), LLC
(21) 2025238155 (22) 30.09.2025
(54) Pyridazinones and methods of use thereof

(71) GILEAD SCIENCES, INC.; NURIX THERAPEUTICS, INC.
(21) 2025234314 (22) 23.09.2025
(54) Bifunctional degraders of interleukin-1 receptor-associated kinases and therapeutic use thereof

(71) GLOBALFORCE IP LIMITED; PATERSON, I.C.; CORSINI, P.; MCCALLUM, B.
(21) 2025238042 (22) 25.09.2025
(54) Improvements in or relating to valves and methods therefor

(71) GLOBERIDE, Inc.
(21) 2025237939 (22) 24.09.2025
(54) FISHING ROD REEL SEAT, AND FISHING ROD

(71) GLOBERIDE, Inc.
(21) 2025237940 (22) 24.09.2025
(54) FISHING ROD REEL SEAT, AND FISHING ROD

(71) Gomez, I.
(21) 2025238142 (22) 29.09.2025
(54) SWiIFT: System and Method for consent-led zero-party data engagement using a dynamic digital wallet of evolving assets linked to the Zero Party Engagement Index (ZPEI™);

captures preferences in real time, issues Solana-based ZPEi Tokens for co-created value, enables peer-to-peer marketplace trading, integrates with CRM, POS and EFTPOS and e-commerce gateways, drives AI-driven personalisation and notifications, and provides transparent profiles, consent ledger and brand hubs including Inner Circle, Exclusive and Stories. Includes cloud security, GDPR and CCPA alignment, audit logs, QA SOC2 ISO

Grantham, J. see Barrott, R.K.
(21) 2025238077

(71) Gropod Trading Pty Ltd
(21) 2025238143 (22) 29.09.2025
(54) A Seedling Guard

(71) Hangzhou Tianlong Pharmaceutical Co., Ltd.
(21) 2025237953 (22) 24.09.2025
(54) siRNA for targeted inhibition of AGT gene expression and use thereof in treating hypertension

(71) Hanwha Azdel, Inc.
(21) 2025242073 (22) 30.09.2025
(54) MULTI-LAYER ASSEMBLIES COMPRISING A REINFORCED THERMOPLASTIC SURFACE LAYER AND A CORE LAYER

(71) HeartFlow, Inc.
(21) 2025238137 (22) 29.09.2025
(54) SYSTEMS AND METHODS FOR MANAGING, VALIDATING, AND TRANSMITTING HEALTH DATA ACROSS GEOGRAPHIC REGIONS

(71) Hemanext Inc.
(21) 2025242087 (22) 30.09.2025
(54) ANAEROBIC BLOOD STORAGE AND PATHOGEN INACTIVATION METHOD

(71) Heraeus Medical GmbH
(21) 2025238148 (22) 29.09.2025
(54) SPACER FOR THE CONTROLLED ADMINISTRATION OF AN ACTIVE INGREDIENT

(71) Heraeus Medical GmbH
(21) 2025238150 (22) 29.09.2025
(54) FLEXIBLE SPACER FOR ADMINISTERING AN ACTIVE SUBSTANCE

(71) HERCUS, J.B.
(21) 2025238154 (22) 30.09.2025
(54) A Frenching Device

(71) Hestia Concepts Ltd.
(21) 2025238011 (22) 25.09.2025
(54) Heating appliance

(71) Hoggi GmbH
(21) 2025237937 (22) 24.09.2025
(54) Articulated connector device, and padding holder with an articulated connector device of this type

(71) Hokowhitu IP Limited
(21) 2025238006 (22) 25.09.2025
(54) A Method of Dispensing Lure

(71) Huawei Technologies Co., Ltd.
(21) 2025242081 (22) 30.09.2025
(54) AN ENCODER, A DECODER AND CORRESPONDING METHODS FOR INTRA PREDICTION

(71) Hunan Taiyanglong Medical Technology Co., Ltd.
(21) 2025238078 (22) 26.09.2025
(54) HOME VENTILATOR

(71) Hunan Taiyanglong Medical Technology Co., Ltd.
(21) 2025238080 (22) 26.09.2025
(54) CLEAN STORAGE SYSTEM FOR HOME VENTILATOR

(71) Hycet Transmission System (Jiangsu) Co., Ltd.
(21) 2025238140 (22) 29.09.2025
(54) VEHICLE AND CONTROL METHOD THEREFOR, CONTROL DEVICE AND COMPUTER-READABLE STORAGE MEDIUM

ICM Airport Technics Pty Ltd see AMADEUS S.A.S.
(21) 2025237989

(71) Illinois Tool Works Inc.
(21) 2025238020 (22) 25.09.2025
(54) Roller press assembly including infeed and outfeed guard assemblies

(71) Illumina, Inc.; Oregon Health & Science University
(21) 2025237993 (22) 25.09.2025
(54) Single Cell Whole Genome Libraries and Combinatorial Indexing Methods of Making Thereof

(71) INSORS GmbH
(21) 2025234313 (22) 23.09.2025
(54) Rod connector device for the variable, angle-stable connection of a first rod and a second rod of a linkage

Complete Applications Filed - Name Index cont'd

(71) INSORS GmbH (21) 2025234315 (22) 23.09.2025 (54) Rod connector device for variable connection at a stable angle of a first rod and a second rod of a linkage to one another with an arresting unit for finding a setttable intended angular setting again	(71) Johnson Screens, Inc. (21) 2025242077 (22) 30.09.2025 (54) Support grid assembly for pressure vessel	(71) LG Electronics Inc. (21) 2025238120 (22) 29.09.2025 (54) CONTROL METHOD OF LAUNDRY TREATMENT APPARATUS
(71) Insulet Corporation (21) 2025238059 (22) 26.09.2025 (54) Drug delivery insertion apparatuses and system	(71) Jouf University; Selim Abdelsalam, S. (21) 2025237931 (22) 24.09.2025 (54) Anti-inflammatory and Antimicrobial Activities of Ruta graveolens extract Obtained by Supercritical Fluid Extraction	(71) LG Electronics Inc. (21) 2025238133 (22) 29.09.2025 (54) METHOD AND DEVICE FOR PROCESSING IMAGE INFORMATION FOR IMAGE/VIDEO CODING
(71) Intuit Inc. (21) 2025237987 (22) 25.09.2025 (54) Creating aligned machine learning models through bootstrapping with attention	(71) Joy Global Surface Mining Inc (21) 2025237928 (22) 23.09.2025 (54) Dipper door and dipper door trip assembly	(71) LG ELECTRONICS INC. (21) 2025238041 (22) 25.09.2025 (54) Laundry treating apparatus
(71) Iovance Biotherapeutics, Inc. (21) 2025238034 (22) 25.09.2025 (54) PROCESSES FOR GENERATING TIL PRODUCTS ENRICHED FOR TUMOR ANTIGEN-SPECIFIC T-CELLS	(71) Joy Global Surface Mining Inc (21) 2025238099 (22) 26.09.2025 (54) Ground engaging tool locking system	(71) LG ELECTRONICS INC. (21) 2025238055 (22) 26.09.2025 (54) Laundry treating apparatus
(71) IPH001 Pty Ltd (21) 2025238090 (22) 26.09.2025 (54) Balloon for expanding an orifice	(71) Kelly Plant & Equipment Pty Ltd (21) 2025237906 (22) 23.09.2025 (54) Burying elongate elements	(71) LG ELECTRONICS INC. (21) 2025242100 (22) 30.09.2025 (54) LAUNDRY TREATING APPARATUS
(71) Itron, Inc. (21) 2025238027 (22) 25.09.2025 (54) Electric grid load forecasts with distributed photovoltaic generation	(71) Kite Pharma, Inc. (21) 2025237980 (22) 25.09.2025 (54) TGF- β receptors and methods of use	(71) Liang, Y. (21) 2025237932 (22) 24.09.2025 (54) Bank-Issued Conditional Credit Instrument with Executable Logic and Transferable Default Penalty Clauses
(71) Itron Global SARL (21) 2025242074 (22) 30.09.2025 (54) Reliable link quality estimation in multi-rate networks	(71) Koester, H. (21) 2025238044 (22) 25.09.2025 (54) Stackable, mono- and bifocal slats for deflecting light	(71) Liang, Y. (21) 2025237933 (22) 24.09.2025 (54) Offline-Readable and Cloud-Integrated QR Code Authorization System with Embedded Data
(71) Jiangsu XCMG State Key Laboratory Technology Co., Ltd. (21) 2025238091 (22) 26.09.2025 (54) Communication method, communication controller, control device, communication system and storage medium	(71) Lae, J. (21) 2025238093 (22) 26.09.2025 (54) Biofertiliser Composition	(71) Liang, Y. (21) 2025237976 (22) 25.09.2025 (54) Bank-Custodied Conditional Directed Payment System
(71) Jilin University (21) 2025238153 (22) 29.09.2025 (54) CD97 AND GSDME INTERACTION INHIBITOR HAVING ANTI-TUMOR ACTIVITY AND APPLICATION THEREOF	(71) LG Chem, Ltd. (21) 2025237977 (22) 25.09.2025 (54) Use as selective agonist of malanocortin-4 receptor	(71) Lindy Biosciences, Inc. (21) 2025237973 (22) 24.09.2025 (54) ISOLATED CELL CULTURE COMPONENTS AND METHODS FOR ISOLATING THE SAME FROM LIQUID CELL CULTURE MEDIUM
(71) JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD. (21) 2025237998 (22) 25.09.2025 (54) PHOTOVOLTAIC MODULE	(71) LG Electronics Inc. (21) 2025234311 (22) 23.09.2025 (54) Refrigerator including door open module	(71) Liquid Biopsy Research LLC (21) 2025238057 (22) 26.09.2025 (54) Methods for prostate cancer detection and treatment
	(71) LG Electronics Inc. (21) 2025238017 (22) 25.09.2025 (54) Video coding method on basis of secondary transform, and device for same	(71) LNW Gaming, Inc. (21) 2025238039 (22) 25.09.2025 (54) Gaming machine with special-symbol bank feature
	(71) LG Electronics Inc. (21) 2025238065 (22) 26.09.2025 (54) METHOD FOR TRANSFORM-BASED IMAGE CODING AND APPARATUS THEREFOR	(71) LNW Gaming, Inc. (21) 2025238061 (22) 26.09.2025

Complete Applications Filed - Name Index cont'd

(54) Gaming machine and method with persistence reveal feature

(71) LNW Gaming, Inc.
(21) 2025238067 (22) 26.09.2025

(54) Gaming systems and methods with dynamic duration bonus feature

(71) LNW Gaming, Inc.
(21) 2025238121 (22) 29.09.2025

(54) Gaming machine and method with dynamic frame feature

(71) LNW Gaming, Inc.
(21) 2025238124 (22) 29.09.2025

(54) Gaming systems and methods with symbol-splitting feature

(71) LNW Gaming, Inc.
(21) 2025242076 (22) 30.09.2025

(54) Gaming machine and method including an accumulator-based value transfer bonus

(71) LNW Gaming, Inc.
(21) 2025242104 (22) 30.09.2025
(54) Gaming machine and method including a value transfer bonus

(71) LNW Gaming, Inc.
(21) 2025242107 (22) 30.09.2025
(54) Gaming machine and method including a multi-array persistent element bonus

(71) Longi Photovoltaic Technology (Ordos) Co., Ltd.
(21) 2025238104 (22) 26.09.2025
(54) Solar Cell And Photovoltaic Module

(71) Lumos Pharma, Inc.
(21) 2025237934 (22) 24.09.2025
(54) DETECTING AND TREATING GROWTH HORMONE DEFICIENCY

(71) Lynam, B.
(21) 2025238102 (22) 26.09.2025
(54) A waterproofing recessed electrical junction box

(71) Lynk Global, Inc.
(21) 2025238021 (22) 25.09.2025
(54) Method and apparatus for handling communications between spacecraft operating in an orbital environment and terrestrial telecommunications devices that use terrestrial base station communications

(71) Magnolia Medical Technologies, Inc.
(21) 2025237902 (22) 23.09.2025

(54) DEVICES AND METHODS FOR BODILY FLUID COLLECTION AND DISTRIBUTION

(71) MAKO Surgical Corp.
(21) 2025238132 (22) 29.09.2025

(54) Techniques for estimating deflection of a surgical robotic arm

(71) MAKO Surgical Corp.
(21) 2025238138 (22) 29.09.2025

(54) Robotic surgical systems and methods employing machine learning models to characterize tool interactions

(71) Mann+Hummel GmbH
(21) 2025242084 (22) 30.09.2025

(54) Externally preloaded adsorber cartridge and adsorber module

(71) MANOAI
(21) 2025238103 (22) 26.09.2025

(54) Voice based Assessment for Extrapyramidal Side Effects (EPSEs) for the patients on antipsychotic medication.

(71) Maschinenfabrik Bernard Krone GmbH & Co. KG

(21) 2025242120 (22) 30.09.2025
(54) BALER

(71) Mazaheri, R.; Wertenberg, R.F.; Westmeyer, P.

(21) 2025237925 (22) 23.09.2025
(54) Security of advanced short-range communication architectures

MCCALLUM, B. see GLOBALFORCE IP LIMITED
(21) 2025238042

(71) MedinCell S.A.
(21) 2025242078 (22) 30.09.2025
(54) Drug delivery formulations

(71) Medos International Sàrl
(21) 2025237958 (22) 24.09.2025
(54) Multi-shield spinal access system

(71) Mei, C.
(21) 2025238064 (22) 26.09.2025
(54) VORTEX FLOW PROPULSION STRUCTURE

(71) Meiji Co., Ltd.
(21) 2025242124 (22) 30.09.2025
(54) Method for producing compressed body of powder

(71) Meso Scale Technologies, LLC.
(21) 2025242135 (22) 30.09.2025
(54) DEVICE AND METHOD FOR DETERMINING LIQUID CONTACT AND LIQUID VOLUME IN A LIQUID DISPENSER BASED ON SOUND

(71) MIC Electrical Pty Ltd
(21) 2025238107 (22) 27.09.2025
(54) Innovated switches and sockets

(71) Mochida Pharmaceutical Co., Ltd.
(21) 2025237949 (22) 24.09.2025
(54) METHOD FOR PRODUCING HETEROOCYCLIDENE ACETAMIDE DERIVATIVE

(71) MolecuLight Inc.
(21) 2025238084 (22) 26.09.2025
(54) Modular system for multi-modal imaging and analysis

(71) Motorpro Corp.
(21) 2025238105 (22) 26.09.2025
(54) Adjustable Positioning Structure For A Ball Joint Of A Control Arm In A Vehicle Suspension System

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025242113 (22) 30.09.2025
(54) POWER TOOL AND COMBINATION SWITCH

NANOGAP SUB-NM-POWDER, S.A. see Universidade de Santiago de Compostela
(21) 2025238114

(71) Nomadyn Inc.
(21) 2025238060 (22) 26.09.2025
(54) Vehicle Accessory Mounting Apparatus with Angle Adjustment

(71) Numab Therapeutics AG
(21) 2025238141 (22) 29.09.2025
(54) Hetero-dimeric multi-specific antibody format

(71) Nuovo Pignone Tecnologie - S.r.l.
(21) 2025237956 (22) 24.09.2025
(54) MULTIPLE VARIABLE SPEED DRIVE UNIT ON A COMPRESSION SHAFT LINE

NURIX THERAPEUTICS, INC. see GILEAD SCIENCES, INC.
(21) 2025234314

(71) OCADO INNOVATION LIMITED
(21) 2025238013 (22) 25.09.2025

Complete Applications Filed - Name Index cont'd

(54) DETERMINING A KINEMATIC STATE OF A LOAD HANDLING DEVICE IN A STORAGE SYSTEM

(71) Oji Holdings Corporation
(21) 2025238122 (22) 29.09.2025
(54) HEAT-SEALABLE PAPER AND PACKAGING BAG

(71) Opex Corporation
(21) 2025238086 (22) 26.09.2025
(54) MATERIAL HANDLING APPARATUS WITH DELIVERY VEHICLES

Oregon Health & Science University see Illumina, Inc.
(21) 2025237993

(71) Paige.AI, Inc.
(21) 2025237978 (22) 25.09.2025
(54) Systems and methods for delivery of digital biomarkers and genomic panels

(71) Palleon Pharmaceuticals Inc.
(21) 2025237971 (22) 24.09.2025
(54) RECOMBINANT HUMAN SIALIDASES, SIALIDASE FUSION PROTEINS, AND METHODS OF USING THE SAME

(71) Paragon 28, Inc.
(21) 2025237964 (22) 24.09.2025
(54) IMPLANT AUGMENTATION SYSTEMS AND METHODS OF USE

(71) PARTINGTON, J.M.
(21) 2025237975 (22) 24.09.2025
(54) Orbital Shunter

PATERSON, I.C. see GLOBALFORCE IP LIMITED
(21) 2025238042

(71) Patton, D.
(21) 2025238146 (22) 29.09.2025
(54) Systems and methods for combined Femto-Phaco surgery

(71) Payne, L.
(21) 2025242138 (22) 30.09.2025
(54) ANTI-INSECT APPRATUS

(71) Pfizer Inc.
(21) 2025237966 (22) 24.09.2025
(54) Immunogenic compositions comprising conjugated capsular saccharide antigens and uses thereof

(71) Pieschacon Aponte, J.
(21) 2025242141 (22) 30.09.2025

(54) Method and apparatus for a tactile authentic virtual pipette training system

(71) Praxis Precision Medicines, Inc.
(21) 2025237912 (22) 23.09.2025
(54) Compounds and their methods of use

(71) PT. REKAYASA MINERAL UTAMA (RMU)
(21) 2025238054 (22) 26.09.2025
(54) SYSTEM, DEVICES AND METHOD FOR HIGH PRESSURE ACID LEACHING

Purdue Research Foundation see Endocyte, Inc.
(21) 2025237960

(71) QEDMA Quantum Computing LTD..
(21) 2025242134 (22) 30.09.2025
(54) Methods and systems for high-fidelity ZZ-rotation of qubits

(71) QINGDAO HISENSE HITACHI AIR-CONDITIONING SYSTEMS CO., LTD.; QINGDAO UNIVERSITY OF TECHNOLOGY
(21) 2025238069 (22) 26.09.2025
(54) HEAT EXCHANGER PRODUCTION LINE

(71) QINGDAO HISENSE HITACHI AIR-CONDITIONING SYSTEMS CO., LTD.; QINGDAO UNIVERSITY OF TECHNOLOGY
(21) 2025238128 (22) 29.09.2025
(54) OPERATION AND MAINTENANCE SYSTEM FOR AIR CONDITIONER PRODUCTION, AND PRODUCTION METHOD

QINGDAO UNIVERSITY OF TECHNOLOGY see QINGDAO HISENSE HITACHI AIR-CONDITIONING SYSTEMS CO., LTD.
(21) 2025238069

QINGDAO UNIVERSITY OF TECHNOLOGY see QINGDAO HISENSE HITACHI AIR-CONDITIONING SYSTEMS CO., LTD.
(21) 2025238128

(71) RADEXEL INC.
(21) 2025238127 (22) 29.09.2025
(54) BALLOON CATHETER

(71) Raven Industries, Inc.
(21) 2025238038 (22) 25.09.2025
(54) System for dynamic task creation for agricultural equipment

(71) Repipe Pty Ltd
(21) 2025238049 (22) 25.09.2025
(54) Methods and Systems for Providing and Receiving Information for Risk Management in the Field

(71) Resource Conservation and Recycling Corporation Pty Ltd
(21) 2025242089 (22) 30.09.2025
(54) Process for recovering values from batteries

(71) Richison, B.J.
(21) 2025237947 (22) 24.09.2025
(54) Warp Resistant Fence Panel

(71) Rilento Pharma, LLC
(21) 2025237950 (22) 24.09.2025
(54) PHARMACEUTICAL FORMULATION AND SYSTEM AND METHOD FOR DELIVERY

(71) Rinnai Corporation
(21) 2025242075 (22) 30.09.2025
(54) Heat exchange apparatus

(71) S&N Orion Prime, S.A.
(21) 2025238014 (22) 25.09.2025
(54) Systems and methods for characterization of an endoscope and automatic calibration of an endoscopic camera system

(71) SanBio, Inc.
(21) 2025238026 (22) 25.09.2025
(54) Induction medium and methods for stem cell culture and therapy

(71) SAP SE
(21) 2025242106 (22) 30.09.2025
(54) Direct access of data lake files

(71) SAVARIA CONCORD LIFTS INC.
(21) 2025237997 (22) 25.09.2025
(54) Emergency system for patient lifts and method thereof

(71) Schneider Electric Industries SAS
(21) 2025242086 (22) 30.09.2025
(54) DISTRIBUTION SET AND ASSOCIATED ELECTRICAL PANEL

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(21) 2025237960

Selim Abdelsalam, S. see Jouf University
(21) 2025237931

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(71) Shanghai Yicang Trading Co., Ltd (21) 2025237918 (22) 23.09.2025 (54) COMPOUND HERBAL PAPER HOLLOW TUBE, PREPARATION METHOD, MOXIBUSTION, INCENSE OR CIGARETTE AND APPLICATION	(71) Stroyer, B. (21) 2025238072 (22) 26.09.2025 (54) Displacement pile and pile driver adapter	(54) SYSTEMS AND METHODS OF RECLAMATION OF THERMAL MANAGEMENT FLUIDS
(71) Shanghai Yicang Trading Co., Ltd (21) 2025237923 (22) 23.09.2025 (54) COMPOUND HERBAL EXPANDED MATRIX, PREPARATION METHOD, MOXA STICK, INCENSE OR HERBAL CIGARETTE AND APPLICATIONS THEREOF	(71) Stroyer, B. (21) 2025238073 (22) 26.09.2025 (54) Displacement pile and pile driver adapter	(71) The Gate Brush PTY LTD (21) 2025242102 (22) 30.09.2025 (54) The Gate Brush
(71) Shenzhen Porshealth Bioengineering Co., Ltd. (21) 2025238112 (22) 29.09.2025 (54) USE OF LACTIPLANTIBACILLUS PLANTARUM GOLDGUT-HNU082 IN ALLEVIATING SIDE EFFECTS OF AN-TITUMOR DRUG	(71) Stroyer, B. (21) 2025238074 (22) 26.09.2025 (54) Displacement pile and pile driver adapter	(71) The NOCO Company (21) 2025237972 (22) 24.09.2025 (54) Electric vehicle (EV) fast recharge station and system
(71) Shifamed Holdings, LLC (21) 2025238053 (22) 26.09.2025 (54) PROSTHETIC CARDIAC VALVE DEVICES, SYSTEMS, AND METHODS	(71) Stroyer, B. (21) 2025238075 (22) 26.09.2025 (54) Displacement pile and pile driver adapter	(71) The Regents of the University of California (21) 2025238070 (22) 26.09.2025 (54) Targeted non-viral DNA insertions
(71) Siemens Rail Automation S.A.U. (21) 2025238022 (22) 25.09.2025 (54) System and method for locating a guided vehicle on a railway network	(71) Stroyer, B. (21) 2025238076 (22) 26.09.2025 (54) Displacement pile and pile driver adapter	(71) The Respect co Au (21) 2025238151 (22) 29.09.2025 (54) ODOR-NEUTRALIZING ENZYME-BASED SPORTS SPRAY FOR ATHLETIC APPAREL AND EQUIPMENT
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(71) Southern Ropes (Pty) Limited (21) 2025238079 (22) 26.09.2025 (54) Shackle and Method of Assembly	(71) Temple University - of the Commonwealth System of Higher Education (21) 2025238063 (22) 26.09.2025 (54) Compositions and methods for treatment of insulin resistance	(71) Tongwei Solar (Chengdu) Co., Ltd. (21) 2025237945 (22) 24.09.2025 (54) Solar cell and photovoltaic module
(71) Stats LLC (21) 2025237967 (22) 24.09.2025 (54) System For Interactive Sports Analytics Using Multi-Template Alignment And Discriminative Clustering	(71) Tempus AI, Inc. (21) 2025238082 (22) 26.09.2025 (54) Artificial Intelligence Segmentation Of Tissue Images	(71) Translate Bio, Inc. (21) 2025242095 (22) 30.09.2025 (54) PUMPLESS ENCAPSULATION OF MESSENGER RNA
(71) StoneAge, Inc. (21) 2025238058 (22) 26.09.2025 (54) HIGH PRESSURE FLUID SPRAY NOZZLE INCORPORATING A FLOW CONTROLLED SWITCHING VALVE	(71) TERABASE ENERGY, INC. (21) 2025237996 (22) 25.09.2025 (54) SOLAR TABLE MOBILE TRANSPORT	(71) Translate Bio, Inc. (21) 2025242099 (22) 30.09.2025 (54) PUMPLESS ENCAPSULATION OF MESSENGER RNA
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(71) UJWAL INC.
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(54) Quality Assurance Systems Based On Speaker Intent Detection

(71) Umealu, S.
(21) 2025238117 (22) 29.09.2025
(54) Artificial Intelligence-Enabled Voice Identification for Security Systems

(71) Umoja Biopharma, Inc.
(21) 2025237995 (22) 25.09.2025
(54) Viral vectors and packaging cell lines

(71) United Neuroscience Limited
(21) 2025238083 (22) 26.09.2025
(54) Peptide immunogens from the C-terminal end of alpha-synuclein protein and formulations thereof for treatment of synucleinopathies

(71) Universidad de Sevilla
(21) 2025237952 (22) 24.09.2025
(54) PORTABLE DEVICE AND METHOD FOR NON-INVASIVE BLOOD GLUCOSE LEVEL ESTIMATION

(71) Universidade de Santiago de Compostela; NANOGAP SUB-NM-POWDER, S.A.
(21) 2025238114 (22) 29.09.2025
(54) Therapeutic uses of atomic quantum clusters

(71) University Of Science & Technology Beijing
(21) 2025242139 (22) 30.09.2025
(54) CO2 CAPTURE AND UTILIZATION METHOD

(71) UTI Limited Partnership
(21) 2025237926 (22) 23.09.2025
(54) Nanoparticle compositions for sustained therapy

(71) Valent BioSciences LLC
(21) 2025238092 (22) 26.09.2025
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(71) VusionGroup
(21) 2025237919 (22) 23.09.2025
(54) Method for locating electronic shelf labels in a retail area

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(21) 2025237925

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(21) 2025237925

(71) White Swell Medical Ltd
(21) 2025238031 (22) 25.09.2025
(54) Devices and methods for treating edema

(71) Wix.com Ltd.
(21) 2025237969 (22) 24.09.2025
(54) Editing a database during preview of a virtual web page

(71) WONDERLAND SWITZERLAND AG
(21) 2025237994 (22) 25.09.2025
(54) Child Safety Seat

(71) WORTHINGTON PRODUCTS INCORPORATED
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(54) HDPE MARINE BOOM WITH AXIAL PASSAGE AND CHAIN STOP

(71) Xu, Z.
(21) 2025238110 (22) 28.09.2025
(54) Adhesive-Based Condom Fixation System and Garment Integration for Preventing Slippage and Fluid Exposure

(71) Yale University
(21) 2025237929 (22) 23.09.2025
(54) Anticancer drugs and methods of making and using same

(71) Zhaoqing Bergamo Machinery Co., Ltd.
(21) 2025242140 (22) 30.09.2025
(54) Vacuum thermal transfer device for sheet materials

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(71) Zodiac Pool Systems LLC
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(71) Zonit Structured Solutions, LLC
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(54) Intelligent automatic transfer switch module

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Applications listed below were processed through the Patent Office Canberra during the period ending 23 Sep 2025 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) 3DMORPHIC PTY LTD
(21) 2025100016 (22) 19.09.2025
(54) Integrally formed medical devices
(62) 2021221798

(71) Harper Trucks, Inc.
(21) 2025100017 (22) 24.09.2025
(54) Two position hand truck
(62) 2020234917

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2025100016 3DMORPHIC PTY LTD

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
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15	Patent Ceased Section 143(b)
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18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
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2005286843 (14)	2005286872 (14)	2005286875 (14)
2005286934 (14)	2005286941 (14)	2005286965 (14)
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2024264594 (4C)	2024903740 (12AN)	2024904018 (12AN)

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2025206424 (7CN)	2025206425 (7CN)	2025206430 (7CN)
2025237951 (12AN)	2025904474 (12AN)	

Assignments before Grant, Section 113

2019

2019396452 ESS-HELP, Inc. The application has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2020

2020237513 Quidel Corporation The application has been assigned to **Ortho-Clinical Diagnostics, Inc.**

2020241841 ESS-HELP, Inc. The application has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2020257578 Johnson Matthey Public Limited Company The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2020303190 GPQ S.R.L. The application has been assigned to **WiQo S.p.A.**

2020329976 ESS-HELP, Inc. The application has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2020408213 Quidel Corporation The application has been assigned to **Ortho-Clinical Diagnostics, Inc.**

2021

2021207610 Phenix Real Time Solutions, Inc. The application has been assigned to **STATS LLC**

2021273744 G1 Therapeutics, Inc. The application has been assigned to **Pharmacosmos Holding A/S**

2021281435 Quidel Corporation The application has been assigned to **Ortho-Clinical Diagnostics, Inc.**

2021298920 Johnson Matthey Public Limited Company The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2021300610 Johnson Matthey Public Limited Company The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2021341617 Johnson Matthey Public Limited Company The application has been assigned to **Johnson Matthey Davy Technologies Limited**

Assignments before Grant, Section 113

2021358460 Johnson Matthey Public Limited Company The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2021373636 BRIAN THORSON The application has been assigned to **Hjarta Care, LLC**

2022

2022211046 ESS-HELP, INC. The application has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2022227218 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2022237946 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2022268920 S.A.M. HOUSE, INC. The application has been assigned to **Hendren, Gary**

2022291781 QUIDEL CORPORATION The application has been assigned to **Ortho-Clinical Diagnostics, Inc.**

2022309301 CYBER SECURITY RESEARCH CENTRE LIMITED The application has been assigned to **Penten Pty Ltd**

2022343290 QUIDEL CORPORATION The application has been assigned to **Ortho-Clinical Diagnostics, Inc.**

2022390669 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2022398348 PHENIX REAL TIME SOLUTIONS, INC. The application has been assigned to **STATS LLC**

2023

2023215807 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2023232982 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2023248721 GFORCE CONCEPTS LIMITED The application has been assigned to **Primamed Limited**

2023257557 PAVONE, Luigi Michele; GUARAGNA, Annalisa; DE PASQUALE, Valeria; ESPOSITO, Anna; D'AGOSTINO, Massimo The application has been assigned to **Swell Therapeutics LLC**

2023258527 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

Assignments before Grant, Section 113

2023276899 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2023321989 PHENIX REAL TIME SOLUTIONS, INC. The application has been assigned to **STATS LLC**

2023324445 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2023329960 ESS-HELP, INC. The application has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2023332398 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2023410674 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2023410675 JOHNSON MATTHEY PUBLIC LIMITED COMPANY The application has been assigned to **Johnson Matthey Davy Technologies Limited**

2024

2024278304 CloudBlue LLC The application has been assigned to **Ingram Micro Inc.**

2025

2025200953 OPTI-THERA Inc.; Les Laboratoires Servier The application has been assigned to **LES LABORATOIRES SERVIER; OPTI-THERA Inc.; VAL-CHUM, LIMITED PARTNERSHIP**

2025203870 Exscientia GmbH The application has been assigned to **Mobius Biotechnology GmbH**

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.

2007

2007203730 **Fastbrick IP Pty Ltd** An application to extend the time from 02 Jan 2025 to 02 Aug 2025 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 10, 301 Coronation Drive MILTON QLD 4064 AU

2011

2011250778 **Moncrieff, T.** An application to extend the time from 15 Nov 2024 to 15 Aug 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2017

2017306809 **Jeut , P.** The time in which to gain acceptance has been extended to 06 Dec 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

2018

2018393068 **Sunboard Ltd** The time in which to pay a renewal fee has been extended to 19 Jul 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

2020

2020377396 **Wang, C.** The time in which to pay a continuation fee has been extended to 05 Jun 2025 . Address for service - Quang Chi Wang PO Box 8012 Wattle Park VIC 3128 AU

2020381109 **Universidad de Alicante** The time in which to pay a continuation fee has been extended to 27 May 2025 . Address for service - K&L Gates Level 25 South Tower, 525 Collins Street Melbourne VIC 3000 AU

2023

2023226627 **Wayne Fueling Systems LLC** The time in which to pay a continuation fee has been extended to 17 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2023269869 **WHEEL BOOTIES LLC** The time in which to enter the National Phase has been extended to 03 May 2025 . Address for service - Houlihan Intellectual Property Pty Ltd 832 High St Kew East VIC 3102 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.

2017

2017254862 Crystal of flumioxazin **Sumitomo Chemical Company, Limited** The nature of the amendment is as shown in the statement(s) filed 11 Sep 2025 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2017440798 Improved treatment of cancer **OSE Immunotherapeutics** The nature of the amendment is as shown in the statement(s) filed 17 Sep 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 24171 Melbourne VIC 3001 AU

2018

2018328220 Neoantigen identification for T-cell therapy **Seattle Project Corp.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 26 Aug 2025 . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

2019

2019205823 Processes for generating TIL products enriched for tumor antigen-specific T-cells **Iovance Biotherapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Sep 2025 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019258956 Method for isolating nucleic acids from plant samples **QIAGEN GmbH** The nature of the amendment is as shown in the statement(s) filed 14 Aug 2025 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019317696 Method and composition for promoting cell growth and tissue repair **Zhejiang Hygeiaincells Biomedical Co. Ltd** The nature of the amendment is as shown in the statement(s) filed 25 Sep 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019360358 A method and apparatus for diagnosis of maladies from patient sounds **The University of Queensland** The nature of the amendment is: Amend the name of the inventor to read ABEYRATNE, Udantha and SWARNKAR, Vinayak . Address for service - MBIP PO Box 78 Red Hill QLD 4059 AU

2019412826 Resin composition **Plantic Technologies Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

2020

2020369230 Method and apparatus for introducing a substrate into a nip **Lumet Technologies Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Sep 2025 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

2022

2022288838 SUPEROXIDE DISMUTASE 1 VARIANT AND METHOD FOR PRODUCING GLUTATHIONE OR DERIVATIVE THEREOF, USING SAME **CJ CHEILJEDANG CORPORATION** The nature of the amendment is as shown in the statement(s) filed 24 Sep 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

2025

2025203896 NONHORIZONTAL RING-BASED FLOATING SOLAR ENERGY SYSTEMS **Lam , T.T.** The nature of the amendment is as shown in the statement(s) filed 21 Aug 2025 . Address for service - Thanh Tri Lam PO Box 1510 Hornsby Westfield NSW 1635 AU

Amendments Made

2017

2017251298 **Abclon Inc.** The nature of the amendment is as shown in the statement filed 09 May 2025

Amendments

2018

2018252292 **Eco Sistem San Felice S.r.l** The nature of the amendment is as shown in the statement filed 10 Apr 2025

2018393045 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement filed 30 Jun 2025

2019

2019391691 **Kop-Coat, Inc.** The nature of the amendment is as shown in the statement filed 02 Jul 2025

2019408023 **N.V. Nutricia** The nature of the amendment is as shown in the statement filed 30 Jun 2025

2020

2020213886 **Haulotte Group** The nature of the amendment is as shown in the statement filed 29 Jun 2025

2020219362 **RAMPART IC, INC.** The nature of the amendment is: To amend the applicant name to RAMPART IC, INC.

2021

2021221442 **Da Cruz, J.** The nature of the amendment is: Amend the invention title to read Orthopaedic/Orthodontic Device and Method

2021221467 **MW PHARMA IP LIMITED** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2025

2021392630 **GENENTECH, INC.** The nature of the amendment is: Amend the name of the inventor to read MARIATHASAN, Sanjeev; YUEN, Chi Yung; ASSAF, Zoe June Fergusson; BAIS, Carlos Ernesto; BANCHEREAU, Romain Francois and DEGAONKAR, Viraj Vinay

2021471061 **BAO, C.** The nature of the amendment is as shown in the statement filed 24 Jun 2025

2021478814 **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** The nature of the amendment is as shown in the statement filed 02 Jun 2025

2022

2022228575 **Helix Nanotechnologies Inc** The nature of the amendment is as shown in the statement filed 02 Jul 2025

2022298220 **JFE STEEL CORPORATION** The nature of the amendment is as shown in the statement filed 27 May 2025

2022353162 **WONDERLAND SWITZERLAND AG** The nature of the amendment is as shown in the statement filed 27 Jun 2025

2022371538 **Shanghai Jeyou Pharmaceutical Co., Ltd.** The nature of the amendment is: To amend the applicant name to Shanghai Jeyou Pharmaceutical Co., Ltd.

2022386787 **FISHER & PAYKEL HEALTHCARE LTD** The nature of the amendment is: Amend the name of the inventor to read SEEKUP, Peter Alan; STOKS, Elmo Benson; AU, Eugena Ming-Yee; DEVERICK, Eric; LIU, Po-Yen; TENG, Ivan Chih-Fan; BUDHIRAJA, Nimansha;

Amendments

RAZALI, Naeem Bin; GEMMELL, Luke Morgan; SUROWIEZ, Ree Isaac and EDWARDS, Thomas James

2023

2023221152 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read HOT-DIP PLATED STEEL SHEET

2023255903 **Guangzhou Yufan Nantu Biotechnologies Co., Ltd** The nature of the amendment is: To amend the applicant name to Guangzhou Yufan Nantu Biotechnologies Co., Ltd

2023291634 **UCB BIOPHARMA SRL** The nature of the amendment is: Amend the invention title to read FOLLISTATIN FUSION PROTEINS

2023291634 **UCB BIOPHARMA SRL** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2025

2023379420 **CHINA ELECTRIC POWER RESEARCH INSTITUTE** The nature of the amendment is: Amend the invention title to read Method and Apparatus for Determining Voltage Support Strength of New-Energy Power System in Real Time, and Device, Storage Medium and Computer Program Product

2023441673 **DEEPCURE INC.** The nature of the amendment is: Amend the invention title to read ELECTRODE APPARATUS FOR BLOCKING OR CONTROLLING NERVES IN BODY AND SURGICAL ROBOT USING THE SAME

2023442469 **DEEPCURE INC.** The nature of the amendment is: Amend the invention title to read ELECTRODE APPARATUS FOR BLOCKING OR CONTROLLING NERVES IN BODY

2024

2024210101 **ZOETIS SERVICES UK LIMITED** The nature of the amendment is: To amend the applicant name to ZOETIS SERVICES UK LIMITED

2024218706 **TOMRA SYSTEMS ASA** The nature of the amendment is: Amend the name of the inventor to read FURUHOLMEN, Eirik; ONSTAD, Hans-Georg; PETTERSEN, Fredrik; HOLMESLAND, Shelly; KARIMI, Wais; VERLO, Alexander and LUNDE, Tom

2024220181 **Precision Planting LLC** The nature of the amendment is: Amend the name of the inventor to read SWANSON, Todd; KOCH, Dale M.; LEVY, Kent; O'NEALL, Matthew and HARMAN, Reid

2024228803 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is: Amend the name of the inventor to read MATTHEWS, Cameron, Leslie; BARNES, Thomas, Heinrich; GLAVES, Rachael and PAYTON, Matthew, Jon

2024229805 **HUNAN LIER BIOTECH CO., LTD.** The nature of the amendment is: Amend the invention title to read A process preparing L-glufosinate directly from L-homoserine

2024235330 **BELGIAN VOLITION SRL** The nature of the amendment is: Amend the invention title to read Method for the Detection of Lung Cancer

2024242038 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP**

Amendments

CO., LTD. The nature of the amendment is: Amend the invention title to read Information Transmission Method, Device, Equipment and Storage Medium

2024242045 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read RAIL AND METHOD OF PRODUCING SAME

2024245086 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read RAIL AND METHOD OF PRODUCING SAME

2024249416 **CEREBRO PHARMA INC.** The nature of the amendment is: Amend the invention title to read AGENT AND METHOD FOR MAINTAINING OR IMPROVING CEREBRAL FUNCTION USING HERBAL MEDICINE

2024257683 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read HOT-DIP PLATED STEEL MATERIAL

2024259798 **LNW Gaming, Inc.** The nature of the amendment is: Amend the priority details to read 18/794,858 05 Aug 2024 US; 18/907,925 07 Oct 2024 US and 63/597,851 10 Nov 2023 US

2024282112 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read CAPABILITY INDICATION METHOD AND CAPABILITY DETERMINING METHOD IN WIRELESS LOCAL AREA NETWORK, AND APPARATUS

2024311784 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack and device including the same

2024318656 **ZHEJIANG GEELY HOLDING GROUP CO., LTD.; GEELY AUTOMOBILE RESEARCH INSTITUTE (NINGBO) CO., LTD.** The nature of the amendment is: Amend the invention title to read WINDSHIELD WIPER CONTROL METHOD, APPARATUS, DEVICE AND MEDIUM

2025

2025903918 **Roydan Capital Pty Ltd** The nature of the amendment is: To amend the applicant name to Roydan Capital Pty Ltd

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

2012

2012342114 Evolva SA The name of the patentee has been altered to **Danstar Ferment AG**

2015

2015326892 Evolva SA The name of the patentee has been altered to **Danstar Ferment AG**

2018

2018422761 Rampart IC, LLC The name of the patentee has been altered to **RAMPART IC, INC.**

Amendments

2019

2019211717 Mitsui Sugar Co., Ltd. The name of the patentee has been altered to **Mitsui DM Sugar Co.,Ltd.**

2019250137 Evolva SA The name of the patentee has been altered to **Danstar Ferment AG**

2019260159 Zhuhai Yufan Biotechnologies Co., Ltd The name of the patentee has been altered to **Guangzhou Yufan Nantu Biotechnologies Co., Ltd**

2019277620 Mitsui Sugar Co., Ltd. The name of the patentee has been altered to **Mitsui DM Sugar Co.,Ltd.**

2019328764 Techstyle Materials, Inc. The name of the applicant has been altered to **Adept Materials, Inc.**

2020

2020320992 Zhuhai Yufan Biotechnologies Co., Ltd The name of the patentee has been altered to **Guangzhou Yufan Nantu Biotechnologies Co., Ltd**

2022

2022204012 Evolva SA The name of the patentee has been altered to **Danstar Ferment AG**

2022339767 LASSEN THERAPEUTICS 1, INC. The name of the applicant has been altered to **LASSEN THERAPEUTICS, INC.**

2023

2023254922 Paige. AI, Inc. The name of the applicant has been altered to **Paige.AI, Inc.**

2024

2024200350 Rampart IC, LLC The name of the applicant has been altered to **RAMPART IC, INC.**

2024248139 SCRIBE THERAPEUTICS INC.; Jason FERNANDES; Emeric Jean Marius CHARLES; Addison WRIGHT; Sean HIGGINS; Sarah DENNY; Benjamin DEMAREE; Ross WHITE; Benjamin OAKES; Fred DEITER The name of the applicant has been altered to **SCRIBE THERAPEUTICS INC.**

Applications Open to Public Inspection

Name Index

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

(71) Inventing 2morrow 2day Pty Ltd (11) AU-A-2025201883 (21) 2025201883 (22) 16.03.2025 (54) Plant pot with separate internal chamber (51) Int. Cl. A01G 9/02 (2018.01) A01K 7/00 (2006.01) (31) 2024900754 (32) 20.03.24 (33) AU (43) 09.10.2025 (72) Costello, Nicholas; Collins-Meyer, Kayla; Collins-Meyer, Jacob (74) Inventing 2morrow 2day Pty Ltd	(54) Infringement detection method, device and system (51) Int. Cl. G08G 1/017 (2006.01) G06T 7/00 (2017.01) G08G 1/054 (2006.01) (43) 09.10.2025 (62) 2023270232 (72) JANNINK, Alexander (74) Davies Collison Cave Pty Ltd	H04R 1/10 (2006.01) H04R 1/02 (2006.01) H04R 1/04 (2006.01) (31) 202420573274.9 (32) 22.03.24 (33) CN (43) 09.10.2025 (72) DENG, Yuanbao (74) Spruson & Ferguson
(71) 1ST AVENUE NOVA, LLC (11) AU-A-2025208504 (21) 2025208504 (22) 21.03.2025 (54) GEMINI GRID-CONNECTABLE RE-NEWABLE POWERPLANT DELIVERING HIGH CAPACITY FACTOR TO CONTROLLABLE LOADS (51) Int. Cl. H02J 3/12 (2006.01) H02J 3/32 (2006.01) H02J 3/38 (2006.01) (31) 63/568,397 (32) 21.03.24 (33) US 63/574,733 04.04.24 US 63/639,474 26.04.24 US 63/642,490 03.05.24 US 63/645,837 10.05.24 US 18/792,847 02.08.24 US 19/069,820 04.03.25 US (43) 09.10.2025 (72) BUTTGEBACH, Thomas (74) RnB IP Pty Ltd	(71) Air Products and Chemicals, Inc. (11) AU-A-2025201947 (21) 2025201947 (22) 18.03.2025 (54) PROCESS AND APPARATUS FOR CRACKING AMMONIA (51) Int. Cl. C01B 3/04 (2006.01) B01J 8/06 (2006.01) (31) 18/611,919 (32) 21.03.24 (33) US (43) 09.10.2025 (72) Berger, Alan D; White, Vincent; Weist, Jr, Edward Landis (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd	(71) Aristocrat Technologies, Inc. (11) AU-A-2025200861 (21) 2025200861 (22) 07.02.2025 (54) SYSTEMS AND METHODS FOR CONTROLLING POWER CONSUMPTION IN AN ELECTRONIC GAMING ENVIRONMENT (51) Int. Cl. G07F 17/32 (2006.01) (31) 63/568,787 (32) 22.03.24 (33) US 18/890,115 19.09.24 US (43) 09.10.2025 (72) Steil, Rolland; Taylor, Eric; Gong, Xiaoqiang; Patton, Anthony; Coulthard, Alexander; Chen, Alvin; Shaffer, Jr., Stephen; Connell, James; Slade, Rodney (74) James & Wells Intellectual Property
24M Technologies, Inc. see Fukushima, T. (21) 2025234276	(71) Amgen Inc. (11) AU-A-2025234149 (21) 2025234149 (22) 16.09.2025 (54) Methods of treating or preventing cholesterol related disorders (51) Int. Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) A61P 3/06 (2006.01) (43) 09.10.2025 (62) 2022215259 (72) CHAN, Joyce Chi Yee; GIBBS, John P.; DIAS, Clapton S.; WASSERMAN, Scott; SCOTT, Robert Andrew Donald; CLOGSTON, Christi L.; OSSLUND, Timothy David; STEIN, Evan A. (74) Spruson & Ferguson	(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025234240 (21) 2025234240 (22) 19.09.2025 (54) A GAMING SYSTEM (51) Int. Cl. A63F 13/60 (2014.01) G07F 17/32 (2006.01) G07F 17/34 (2006.01) (43) 09.10.2025 (62) 2019200462 (72) FONG, Colin (74) Griffith Hack
(71) 3DMORPHIC PTY LTD (11) AU-A-2025234230 (21) 2025234230 (22) 19.09.2025 (54) Integrally formed medical devices (51) Int. Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01) A61B 17/00 (2006.01) A61B 17/86 (2006.01) A61F 2/30 (2006.01) A61F 2/46 (2006.01) (43) 09.10.2025 (62) 2021221798 (72) PARR, William C.H. (74) Blackwattle IP	(71) Angel Group Co., Ltd. (11) AU-A-2025234187 (21) 2025234187 (22) 17.09.2025 (54) Management system (51) Int. Cl. A63F 13/80 (2014.01) (43) 09.10.2025 (62) 2019427194 (72) SHIGETA, Yasushi (74) Davies Collison Cave Pty Ltd	(71) Barco N.V. (11) AU-A-2025234236 (21) 2025234236 (22) 19.09.2025 (54) Method and system for making functional devices available to participants of meetings (51) Int. Cl. H04L 12/12 (2006.01) (43) 09.10.2025 (62) 2024219374 (72) RENARD, Gauthier; DEGRAEF, Johan Peter Frans (74) Spruson & Ferguson
(71) ACUSENSUS IP PTY LTD (11) AU-A-2025234251 (21) 2025234251 (22) 19.09.2025	(71) Anker Innovations Technology Co., Ltd. (11) AU-A-2025201970 (21) 2025201970 (22) 19.03.2025 (54) Headset (51) Int. Cl.	(71) Beijing HyperStrong Technology Co., Ltd. (11) AU-A-2024203655 (21) 2024203655 (22) 31.05.2024

Applications Open to Public Inspection - Name Index cont'd

(54) METHOD AND APPARATUS FOR OPTIMIZING ENERGY STORAGE SYSTEM, DEVICE, STORAGE MEDIUM AND PROGRAM PRODUCT
(51) Int. Cl.
H01M 10/48 (2006.01)
B60L 58/40 (2019.01)
G01R 31/36 (2020.01)
H01M 10/42 (2006.01)
(31) 202410338349.X (32) 22.03.24 (33) CN
(43) 09.10.2025
(72) Qu, Shuai; Ma, Hao; He, Zhichao
(74) ET Intellectual Property

(71) Bekaert Wire Ropes Pty Ltd; Bridon International Ltd.
(11) AU-A-2024201859
(21) 2024201859 (22) 21.03.2024
(54) Mining rope with reinforced polymer jacket
(51) Int. Cl.
D07B 1/16 (2006.01)
B32B 5/02 (2006.01)
B32B 15/14 (2006.01)
B32B 15/18 (2006.01)
B32B 27/32 (2006.01)
D07B 1/06 (2006.01)
D07B 5/00 (2006.01)
D07B 7/14 (2006.01)
(43) 09.10.2025
(72) SNG, Hong Hui
(74) Spruson & Ferguson

(71) Bergen, W.
(11) AU-A-2025202046
(21) 2025202046 (22) 21.03.2025
(54) MARINE PLATFORM STAIRWAY
(51) Int. Cl.
E06C 1/34 (2006.01)
B63B 29/20 (2006.01)
B63B 35/34 (2006.01)
E02B 3/06 (2006.01)
E06C 1/06 (2006.01)
E06C 1/39 (2006.01)
E06C 7/08 (2006.01)
(31) 2024900756 (32) 21.03.24 (33) AU
(43) 09.10.2025
(72) Bergen, Warwick
(74) Warwick Anders Bergen

(71) BOWDEN, G.
(11) AU-A-2025234233
(21) 2025234233 (22) 19.09.2025
(54) STACKABLE BUILDING PACKERS
(51) Int. Cl.
E06B 1/60 (2006.01)
E04B 1/38 (2006.01)
E04F 21/00 (2006.01)
(43) 09.10.2025
(62) 2019216734
(72) XIAO, Hung
(74) Walsh & Associates

Bridon International Ltd. see Bekaert Wire Ropes Pty Ltd
(21) 2024201859

(71) Britax Childcare Pty Ltd
(11) AU-A-2025234211
(21) 2025234211 (22) 18.09.2025
(54) IMPACT ENERGY ABSORBING DEVICE
(51) Int. Cl.
B60N 2/26 (2006.01)
(43) 09.10.2025
(62) 2024201652
(72) Maciejczyk, Wieslaw
(74) K&L Gates

(71) Britex Carpet Care Pty Ltd
(11) AU-A-2025234241
(21) 2025234241 (22) 19.09.2025
(54) Cleaning Tool
(51) Int. Cl.
A47L 11/04 (2006.01)
A47L 11/20 (2006.01)
A47L 11/40 (2006.01)
(43) 09.10.2025
(62) 2019236607
(72) Stefanakis, Michael
(74) Argon IP Advisory Pty Ltd

(71) BT BidCo, Inc.
(11) AU-A-2025234255
(21) 2025234255 (22) 19.09.2025
(54) Methods and devices for treating a disease with biotherapeutics
(51) Int. Cl.
A61M 31/00 (2006.01)
(43) 09.10.2025
(62) 2019383976
(72) SHIMIZU, Jeffrey A.; JONES, Mitchell Lawrence; DRLIK, Mark Sasha; NIKNIA, Iman; MULLER, Nathan John; NGUYEN, Tuyen; WAHL, Christopher Loren; MUDGE, Edward; SALT, Nicholas Mark; STEVENS, Nia Eleri; ABER-CROMBIE, Stuart Robert; BUNCE, Christopher Ian; QUINTANA, Nelson
(74) Davies Collison Cave Pty Ltd

(71) BUILT BOATS LIMITED
(11) AU-A-2025202014
(21) 2025202014 (22) 20.03.2025
(54) A hull for a boat
(51) Int. Cl.
B63B 1/38 (2006.01)
B63B 1/04 (2006.01)
B63B 1/20 (2006.01)
B63B 1/00 (2006.01)
B63B 1/40 (2006.01)
(31) 809313 (32) 20.03.24 (33) NZ
(43) 09.10.2025
(72) Gibson, Matthias
(74) Remarkable IP

(71) Carlindi Pty Ltd
(11) AU-A-2025202076
(21) 2025202076 (22) 21.03.2025
(54) REAL ESTATE PERFORMANCE TRACKING METHODS AND APPARATUS
(51) Int. Cl.
G06Q 50/16 (2024.01)

G06Q 10/0639 (2023.01)
(31) 2024900784 (32) 23.03.24 (33) AU
(43) 09.10.2025
(72) Beauchamp, Marnie
(74) TJIP Patents, Trade Marks & Designs

(71) Carnegie Mellon University
(11) AU-A-2025234164
(21) 2025234164 (22) 17.09.2025
(54) Data processing system for generating predictions of cognitive outcome in patients
(51) Int. Cl.
A61B 5/24 (2021.01)
A61N 1/02 (2006.01)
A61N 1/18 (2006.01)
G06N 3/02 (2006.01)
G06N 3/08 (2023.01)
G06N 7/02 (2006.01)
G06N 20/00 (2019.01)
(43) 09.10.2025
(62) 2019389171
(72) MAHON, Bradford; PARKINS, Keith; SIMS, Max; CHERNOFF, Benjamin; ANGULO-ORQUERA, Hugo
(74) Oxygene IP

(71) CATERPILLAR INC.
(11) AU-A-2025201373
(21) 2025201373 (22) 26.02.2025
(54) SYSTEM AND METHOD FOR DETECTING SPILLAGE FROM MACHINES
(51) Int. Cl.
B60W 30/095 (2012.01)
B60W 40/06 (2012.01)
B60W 40/13 (2012.01)
B60W 50/14 (2020.01)
G06V 10/00 (2022.01)
G08G 1/0962 (2006.01)
G08G 1/16 (2006.01)
(31) 18/612789 (32) 21.03.24 (33) US
(43) 09.10.2025
(72) RAFFERTY, Jonathan E.; MISHRA, Jyoti P.; WESTBURY, Aaron F.
(74) FPA Patent Attorneys Pty Ltd

(71) CFPH, LLC
(11) AU-A-2025234271
(21) 2025234271 (22) 22.09.2025
(54) APPARATUS FOR PARI-MUTUEL RACING GAME WITH FINISH ORDER BETTING
(51) Int. Cl.
A63F 13/00 (2014.01)
G06F 17/00 (2019.01)
G06Q 10/00 (2023.01)
(43) 09.10.2025
(62) 2023237225
(72) Alderucci, Dean P.; Gelman, Geoffrey M.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ConMed Corporation
(11) AU-A-2025234171
(21) 2025234171 (22) 17.09.2025

Applications Open to Public Inspection - Name Index cont'd

(54) SOFT TISSUE CUTTING INSTRUMENT WITH SELF LOCKING, MULTI-POSITION, AND SLIDE BUTTON LINEARLY ACTUATED RETRACTABLE BLADE OR HOOK

(51) Int. Cl.

A61B 17/32 (2006.01)

A61B 17/00 (2006.01)

A61B 17/3209 (2006.01)

A61B 17/3211 (2006.01)

A61B 90/00 (2016.01)

F16H 27/06 (2006.01)

H01H 3/44 (2006.01)

(43) 09.10.2025

(62) 2024202863

(72) WILLARD, Benjamin

(74) Griffith Hack

(71) Cook Medical Technologies LLC

(11) AU-A-2025234220

(21) 2025234220 (22) 19.09.2025

(54) SYSTEMS FOR DELIVERING PRESSURIZED FLUID TO A TARGET SITE ALONE OR IN CONJUNCTION WITH THERAPEUTIC AGENTS

(51) Int. Cl.

A61M 13/00 (2006.01)

(43) 09.10.2025

(62) 2022379451

(72) Ott, Andreas; Rosca, Inga; Benn, Niall; Slatery, David; Keady, Fionan; O Bhealtun, Criostoir; Collins, Jack; McGee, Diarmuid; Kamil, Ihsan

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Daiichi Sankyo Company, Limited

(11) AU-A-2025234261

(21) 2025234261 (22) 19.09.2025

(54) ANTIBODY-DRUG CONJUGATE INCLUDING NOVEL CYCLIC DINUCLEOTIDE DERIVATIVE

(51) Int. Cl.

A61K 47/68 (2017.01)

A61K 31/7084 (2006.01)

A61K 39/395 (2006.01)

A61P 35/00 (2006.01)

A61P 35/02 (2006.01)

A61P 43/00 (2006.01)

C07K 16/28 (2006.01)

(43) 09.10.2025

(62) 2021230226

(72) ISHIZAKI, Masayuki; SUZUKI, Osamu; KYUTOKU, Mariko; YUKIURA, Hiroshi; HARA, Kyoko; CHIHARA, Masataka; OTSUKA, Takafumi; WADA, Teiji

(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Deere & Company

(11) AU-A-2025201187

(21) 2025201187 (22) 20.02.2025

(54) Foldable multi-rank agricultural equipment

(51) Int. Cl.

A01B 73/04 (2006.01)

A01B 73/06 (2006.01)

(31) 18/809,961 (32) 20.08.24 (33) US
63/567,680 20.03.24 US

(43) 09.10.2025

(72) NATARAJAN, Kamalakannan; GARNER, Elijah B.

(74) Davies Collison Cave Pty Ltd

(71) Deere & Company

(11) AU-A-2025201235

(21) 2025201235 (22) 21.02.2025

(54) Blower nozzle system for supplemental air in a sugarcane harvester

(51) Int. Cl.

A01D 45/10 (2006.01)

A01D 41/12 (2006.01)

(31) 18/611,893 (32) 21.03.24 (33) US

(43) 09.10.2025

(72) YOUNG, Jae-Jae; MIXON, Dusk S.; DAKHORE, Rushikesh; PATIL, Sonali N.; FATTEPUR, Surfraj; HANSEN, Matthew J.

(74) Davies Collison Cave Pty Ltd

(71) Deere & Company

(11) AU-A-2025201238

(21) 2025201238 (22) 21.02.2025

(54) Blower nozzle system for supplemental air in a sugarcane harvester

(51) Int. Cl.

A01D 45/10 (2006.01)

A01D 41/12 (2006.01)

(31) 18/611,924 (32) 21.03.24 (33) US

(43) 09.10.2025

(72) YOUNG, Jae-Jae; MIXON, Dusk S.; HANSEN, Matthew J.; DAKHORE, Rushikesh

(74) Davies Collison Cave Pty Ltd

(71) Deere & Company

(11) AU-A-2025201239

(21) 2025201239 (22) 21.02.2025

(54) Calibration system and method for furrow vision system

(51) Int. Cl.

G06T 7/80 (2017.01)

G01B 11/22 (2006.01)

G06T 7/521 (2017.01)

(31) 18/613,784 (32) 22.03.24 (33) US

(43) 09.10.2025

(72) MIZUSHIMA, Akira; KISE, Michio; ORTH, Matthew M.; JUNG, Boyoon

(74) Davies Collison Cave Pty Ltd

(71) Deere & Company

(11) AU-A-2025201259

(21) 2025201259 (22) 21.02.2025

(54) Arrangement for monitoring a work process in an agricultural work machine and/or the result thereof

(51) Int. Cl.

A01D 41/127 (2006.01)

G06T 7/11 (2017.01)

(31) 102024108292.5 (32) 22.03.24 (33) DE

(43) 09.10.2025

(72) PETERS, Jan Christoph; DIMA, Cristian

(74) Davies Collison Cave Pty Ltd

(71) Deere & Company

(11) AU-A-2025201951

(21) 2025201951 (22) 18.03.2025

(54) Unsupervised on-road transport of an autonomous, off-road agricultural machine

(51) Int. Cl.

G08G 1/07 (2006.01)

(31) 63/568,147 (32) 21.03.24 (33) US

63/765,129 28.02.25 US

19/080,189 14.03.25 US

(43) 09.10.2025

(72) JOHNSON, Lee A.; HARMON, Andrew W.

(74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.

(11) AU-A-2025234254

(21) 2025234254 (22) 19.09.2025

(54) Safety tools for decision support recommendations made to users of continuous glucose monitoring systems

(51) Int. Cl.

A61B 5/145 (2006.01)

A61B 5/00 (2006.01)

A61B 5/1477 (2006.01)

A61B 5/1486 (2006.01)

A61B 5/1495 (2006.01)

(43) 09.10.2025

(62) 2019417590

(72) VANSLYKE, Stephen J.; BHAVARAJU, Naresh C.

(74) FB Rice Pty Ltd

(71) DONGGUAN RONGMA FURNITURE CO., LTD

(11) AU-A-2024287274

(21) 2024287274 (22) 23.04.2024

(54) KNOB-TYPE CONTROLLER

(51) Int. Cl.

G05G 1/00 (2008.04)

G06F 3/01 (2006.01)

G06F 3/03 (2006.01)

(31) 202420562064.X (32) 21.03.24 (33) CN

(43) 09.10.2025

(72) LIU, Liang

(74) A.P.T. Patent and Trade Mark Attorneys

(71) Echo ID Ltd

(11) AU-A-2025234256

(21) 2025234256 (22) 19.09.2025

(54) System And Method For Authentication And System And Method For Authentication Based Personal Service

(51) Int. Cl.

A61M 15/06 (2006.01)

A24F 47/00 (2020.01)

A61M 15/00 (2006.01)

(43) 09.10.2025

(62) 2020234112

(72) DAVIDSON, Perry; EISENSCHER, Ianiv Yosef; RESHEF, Nimrod; SCHWARTZ, Binyamin; HAREL, Oren; GUR, Harel; AVERBUCH, Or; ROVNIAGIN, Yakov Yuri

(74) WRAYS PTY LTD

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- (71) Elmer's Welding & Manufacturing Ltd.
(11) AU-A-2024203757
(21) 2024203757 (22) 04.06.2024
(54) TOWED AGRICULTURAL IMPLEMENT WITH WINGED FRAME AND CONTROLLER TO ASSIST OPERATION OF THE IMPLEMENT
(51) Int. Cl.
A01B 73/06 (2006.01)
A01B 63/16 (2006.01)
A01B 71/02 (2006.01)
(31) 63/568,586 (32) 22.03.24 (33) US
(43) 09.10.2025
(72) BARNABE, Chad; BOILEAU, Rheal; DERRACH, Owen
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) EXEL Industries
(11) AU-A-2025202066
(21) 2025202066 (22) 21.03.2025
(54) Watering devices
(51) Int. Cl.
A01G 27/00 (2006.01)
A01G 25/16 (2006.01)
(31) 2404216.0 (32) 25.03.24 (33) GB
(43) 09.10.2025
(72) WILSON, Jack; BOUGHTON, Robert; BALLU, Marc
(74) FB Rice Pty Ltd
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- (71) EXEL INDUSTRIES
(11) AU-A-2025201586
(21) 2025201586 (22) 04.03.2025
(54) Spraying system comprising a nozzle holder with a vibration sensor
(51) Int. Cl.
B05B 12/02 (2006.01)
A01C 23/04 (2006.01)
A01M 7/00 (2006.01)
B05B 1/20 (2006.01)
(31) 2402971 (32) 25.03.24 (33) FR
(43) 09.10.2025
(72) PITAUD, Sylvain
(74) Alder IP Pty Ltd
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- (71) ExoAnalytic Solutions, Inc.
(11) AU-A-2025234201
(21) 2025234201 (22) 18.09.2025
(54) Visualization interfaces for real-time identification, tracking, and prediction of space objects
(51) Int. Cl.
G06T 11/20 (2006.01)
B64G 3/00 (2006.01)
G06F 3/048 (2013.01)
G06K 9/00 (2022.01)
(43) 09.10.2025
(62) 2023214368
(72) HENDRIX, Douglas, Lee; THERIEN, William, Alexander
(74) FB Rice Pty Ltd
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- (71) Faircloth, D.; Gothard, G.
(11) AU-A-2024227364
(21) 2024227364 (22) 16.10.2024
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- (54) Thermal protection system integrated antenna
(51) Int. Cl.
H01Q 17/00 (2006.01)
F42B 15/34 (2006.01)
H01Q 1/00 (2006.01)
H01Q 1/28 (2006.01)
H01Q 1/42 (2006.01)
H01Q 21/00 (2006.01)
(31) 18/614,802 (32) 25.03.24 (33) US
(43) 09.10.2025
(72) Faircloth, Daniel; Gothard, Griffin
(74) Griffith Hack
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- (71) Farraji, H.
(11) AU-A-2024201821
(21) 2024201821 (22) 20.03.2024
(54) Turbulation apparatus
(51) Int. Cl.
B01F 33/40 (2022.01)
B01F 35/71 (2022.01)
B01F 23/232 (2022.01)
B01F 25/10 (2022.01)
C02F 1/52 (2023.01)
C02F 7/00 (2006.01)
F15D 1/12 (2006.01)
(43) 09.10.2025
(72) Farraji, Hossein
(74) Flint Intellectual Property Limited
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- (71) FCI Holdings Delaware, LLC
(11) AU-A-2025234238
(21) 2025234238 (22) 19.09.2025
(54) Dolly for rockbolt
(51) Int. Cl.
E21D 20/00 (2006.01)
E21D 21/00 (2006.01)
(43) 09.10.2025
(62) 2023280061
(72) HOLDEN, Matthew; MATTHEWS, Jason
(74) FB Rice Pty Ltd
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- (71) Feleke, M.
(11) AU-A-2024201893
(21) 2024201893 (22) 24.03.2024
(54) AR-Guided Microscopic Laser System for Real-Time Tumour Detection
(51) Int. Cl.
A61B 1/06 (2006.01)
A61B 1/313 (2006.01)
A61B 90/00 (2016.01)
(43) 09.10.2025
(72) Feleke, Mesalie
(74) Mesalie Feleke
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- (71) Fisher & Paykel Healthcare Limited
(11) AU-A-2025234224
(21) 2025234224 (22) 19.09.2025
(54) DIFFUSER FOR A COMPONENT OF A RESPIRATORY THERAPY SYSTEM
(51) Int. Cl.
A61M 16/06 (2006.01)
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- (43) 09.10.2025
(62) 2019388414
(72) ROSE, Hamish Joshua; TRINIDADE, Nigel
(74) AJ PARK
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2025234252
(21) 2025234252 (22) 19.09.2025
(54) INTERFACE COMPRISING A ROLLING NASAL BRIDGE PORTION
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 09.10.2025
(62) 2023222989
(72) Olsen, Gregory James; Bearne, Peter David Alexander; Evans, Leon Edward; Stephenson, Matthew Roger; Prentice, Craig Robert; Ip, Bernard Tsz Lun; Spear, Tony William; McLaren, Mark Arvind; Patel, Roheet; Howarth, Brad Michael; Harwood, Jonathan David
(74) AJ PARK
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- (71) Fontaine Modification Company
(11) AU-A-2025202118
(21) 2025202118 (22) 24.03.2025
(54) Cab assembly for facilitating installation of a steering column on an original passenger side of a truck cab
(51) Int. Cl.
B60K 37/10 (2024.01)
B60H 1/00 (2006.01)
B60K 35/65 (2024.01)
B60K 37/20 (2024.01)
B62D 25/14 (2006.01)
B62D 33/06 (2006.01)
(31) 19/085,399 (32) 20.03.25 (33) US
63/569,692 25.03.24 US
(43) 09.10.2025
(72) BROWN, Garrett
(74) Spruson & Ferguson
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- (71) Foundry Therapeutics, Inc.
(11) AU-A-2025234195
(21) 2025234195 (22) 18.09.2025
(54) Implantable polymer depots for the controlled, sustained release of therapeutic agents
(51) Int. Cl.
A61K 9/70 (2006.01)
A61K 31/155 (2006.01)
A61K 38/26 (2006.01)
A61L 27/18 (2006.01)
A61L 27/54 (2006.01)
A61L 27/58 (2006.01)
A61P 3/10 (2006.01)
(43) 09.10.2025
(62) 2020271133
(72) NAGA, Karun D.; GIFFORD III, Hanson S.; DEEM, Mark; BOYD, Stephen W.; MOKARRAM-DORRI, Nassiredin; TEU, Koon Kia; SEET, Daniel Boon Lim; LEE, Wei; WANG, Honglei
(74) Spruson & Ferguson
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(71) Fukushima, T.; 24M Technologies, Inc.
(11) AU-A-2025234276
(21) 2025234276 (22) 22.09.2025
(54) SINGLE POUCH BATTERY CELLS
AND METHODS OF MANUFACTURE
(51) Int. Cl.
H01M 10/058 (2010.01)
(43) 09.10.2025
(62) 2023254904
(72) Fukushima, Takaaki; Ota, Naoki; Baz-
zarella, Ricardo; Tan, Taison
(74) Pizzzeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) GILEAD SCIENCES, INC.
(11) AU-A-2025234182
(21) 2025234182 (22) 17.09.2025
(54) THERAPEUTIC COMPOUNDS FOR
HIV VIRUS INFECTION
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4439 (2006.01)
A61P 31/18 (2006.01)
C07F 9/00 (2006.01)
(43) 09.10.2025
(62) 2022401696
(72) FARAND, Julie; GRAUPE, Michael;
GUNNEY, Tezcan; KATO, Darryl; LI,
Jiayao; LINK, John O.; MACK, James
B.C.; MUN, Dong Min; SAITO, Roland
D.; WATKINS, William J.; ZHANG, Jen-
nifer R.
(74) Davies Collison Cave Pty Ltd

(71) GLOBERIDE, Inc.
(11) AU-A-2025201156
(21) 2025201156 (22) 19.02.2025
(54) LURE FOR FISHING
(51) Int. Cl.
A01K 85/01 (2006.01)
(31) 2024-048275 (32) 25.03.24 (33) JP
2024-220461 17.12.24 JP
(43) 09.10.2025
(72) YAGI, Hiroshi
(74) Griffith Hack

Gothard, G. see Faircloth, D.
(21) 2024227364

(71) Haldor Topsøe A/S
(11) AU-A-2025234206
(21) 2025234206 (22) 18.09.2025
(54) Carbon recycling in steam reforming
process
(51) Int. Cl.
C01B 3/50 (2006.01)
C01B 3/52 (2006.01)
C01B 3/56 (2006.01)
(43) 09.10.2025
(62) 2019359938
(72) MORTENSEN, Peter Mølgaard; SAHAI,
Arunabh
(74) Griffith Hack

Haruta, C.S. see Haruta, P.
(21) 2025234198

Haruta, K.B. see Haruta, P.
(21) 2025234198

(71) Haruta, P.; Haruta, C.S.; Haruta, K.B.
(11) AU-A-2025234198
(21) 2025234198 (22) 18.09.2025
(54) Computing technologies for diagnos-
is and therapy of language-related dis-
orders
(51) Int. Cl.
G09B 5/00 (2006.01)
G09B 7/00 (2006.01)
G09B 19/04 (2006.01)
(43) 09.10.2025
(62) 2023206097
(72) HARUTA, Charisse Si-Fe; HARUTA,
Kieran Bing-Fei; HARUTA, Pau-San
(74) Spruson & Ferguson

(71) Howmedica Osteonics Corp.
(11) AU-A-2025234257
(21) 2025234257 (22) 19.09.2025
(54) Convertible glenoid implants
(51) Int. Cl.
A61F 2/40 (2006.01)
A61F 2/30 (2006.01)
(43) 09.10.2025
(62) 2022398690
(72) TERRILL, Lance; VISCARDI, David
Charles; OLSON, Nicholas Kenneth
(74) Spruson & Ferguson

(71) Howmedica Osteonics Corp.
(11) AU-A-2025234260
(21) 2025234260 (22) 19.09.2025
(54) Apparatuses and methods for implant-
ing glenoid prostheses
(51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/16 (2006.01)
(43) 09.10.2025
(62) 2024202687
(72) DERANSART, Pierrick; SLONE, Willi-
am J.; BALL, Robert J.; WALCH, Gilles;
KEENER, Jay D.; ATHWAL, George S.;
WARNER, Jon JP; TASHJIAN, Robert
Z.; BOILEAU, Pascal
(74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025234245
(21) 2025234245 (22) 19.09.2025
(54) DATA TRANSMISSION METHOD AND
DEVICE, CHIP SYSTEM, AND COM-
PUTER-READABLE STORAGE MEDI-
UM
(51) Int. Cl.
H04L 5/00 (2006.01)
(43) 09.10.2025
(62) 2024204488
(72) Yu, Jian; Hu, Mengshi; Gan, Ming; Li-
ang, Dandan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
(11) AU-A-2025234270
(21) 2025234270 (22) 22.09.2025
(54) SYSTEM AND METHOD FOR
STREAMING WAGERING GAMES
(51) Int. Cl.
A63F 13/30 (2014.01)
A63F 13/335 (2014.01)
(43) 09.10.2025
(62) 2020201410
(72) Baker, Curtis; Higgins, Kevin; Nelson,
Dwayne R.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Imperial College Innovations Limited
(11) AU-A-2025226860
(21) 2025226860 (22) 09.09.2025
(54) Transduction and expansion of cells
(51) Int. Cl.
C12N 5/0783 (2010.01)
(43) 09.10.2025
(62) 2019226713
(72) KARADIMITRIS, Anastasios; ROTOLO,
Antonia
(74) Davies Collison Cave Pty Ltd

(71) Imtrade Australia Pty Ltd
(11) AU-A-2025202094
(21) 2025202094 (22) 24.03.2025
(54) Formulations
(51) Int. Cl.
A01N 43/40 (2006.01)
A01N 25/02 (2006.01)
A01N 59/06 (2006.01)
A01N 59/14 (2006.01)
A01P 13/00 (2006.01)
(31) 2024900796 (32) 25.03.24 (33) AU
(43) 09.10.2025
(72) MCPHEE, Neil John; RAINBIRD, Ross
Melville
(74) Spruson & Ferguson

(71) Intra-Cellular Therapies, Inc.
(11) AU-A-2025234205
(21) 2025234205 (22) 18.09.2025
(54) NOVEL METHODS
(51) Int. Cl.
A61K 31/4985 (2006.01)
A61K 45/06 (2006.01)
A61P 5/24 (2006.01)
A61P 25/00 (2006.01)
A61P 25/18 (2006.01)
C07C 309/30 (2006.01)
C07D 471/16 (2006.01)
(43) 09.10.2025
(62) 2020311894
(72) Mates, Sharon; Davis, Robert; Vanover,
Kimberly
(74) PHILLIPS ORMONDE FITZPATRICK

(71) JUUL Labs, Inc.
(11) AU-A-2025234188
(21) 2025234188 (22) 17.09.2025
(54) Vaporizer device with vaporizer cart-
ridge
(51) Int. Cl.
A24F 40/10 (2020.01)

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A24F 40/42 (2020.01)
(43) 09.10.2025
(62) 2020228669
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(74) Spruson & Ferguson
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- (71)** Juvo Solutions Pty Ltd
(11) AU-A-2025234213
(21) 2025234213 **(22)** 18.09.2025
(54) A SHOWER COMMODE SEAT
(51) Int. Cl.
A47K 11/04 (2006.01)
A47K 3/12 (2006.01)
(43) 09.10.2025
(62) 2023210554
(72) Muller, Clyde
(74) Baxter Patent Attorneys Pty Ltd
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- (71)** Kabushiki Kaisha Toshiba
(11) AU-A-2025200754
(21) 2025200754 **(22)** 04.02.2025
(54) State diagnosis system, state diagnosis method, and electrolysis system
(51) Int. Cl.
C25B 15/02 (2021.01)
G05B 1/00 (2006.01)
(31) 2024-044683 **(32)** 21.03.24 **(33)** JP
(43) 09.10.2025
(72) YAMAGIWA, Masakazu; FUJIWARA, Naoya; KUDO, Yuki; KITAGAWA, Ryota
(74) Davies Collison Cave Pty Ltd
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- (71)** Kabushiki Kaisha Toshiba
(11) AU-A-2025200886
(21) 2025200886 **(22)** 10.02.2025
(54) Electrolysis device and electrolysis method
(51) Int. Cl.
C25B 15/08 (2006.01)
C25B 1/02 (2006.01)
C25B 3/01 (2021.01)
C25B 3/26 (2021.01)
C25B 9/13 (2021.01)
(31) 2024-044763 **(32)** 21.03.24 **(33)** JP
(43) 09.10.2025
(72) ONO, Akihiko; KUDO, Yuki; KIYOTA, Yasuhiro; KOFUJI, Yusuke; KITAGAWA, Ryota
(74) Davies Collison Cave Pty Ltd
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- (71)** Knappco LLC
(11) AU-A-2025201481
(21) 2025201481 **(22)** 28.02.2025

- (54)** Position based smart elbow crossover protection system
(51) Int. Cl.
B67D 7/32 (2010.01)
B67D 7/34 (2010.01)
B67D 7/78 (2010.01)
G05D 7/06 (2006.01)
(31) 202411021581 **(32)** 21.03.24 **(33)** IN
(43) 09.10.2025
(72) DUDLEY, Mark William; KUMAR, Prajnith Vijaya; CHUN, Hee
(74) Spruson & Ferguson
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- (71)** Lantern Pharma Inc.
(11) AU-A-2025234250
(21) 2025234250 **(22)** 19.09.2025
(54) Methods For the Treatment of Solid Tumor Cancers using Illudins and Biomarkers
(51) Int. Cl.
A61K 31/122 (2006.01)
C07C 239/14 (2006.01)
C12Q 1/686 (2018.01)
(43) 09.10.2025
(62) 2019361781
(72) Kulkarni, Aditya; Vedaraju, Yuvanesh; Kathad, Umesh; Asaithambi, Arun
(74) MBIP
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- (71)** Leo Cancer Care, Inc.
(11) AU-A-2025234169
(21) 2025234169 **(22)** 17.09.2025
(54) Patient positioning apparatus
(51) Int. Cl.
A61B 6/04 (2006.01)
A61N 5/10 (2006.01)
(43) 09.10.2025
(62) 2024205499
(72) FEAIN, Ilana; TOWE, Stephen; STRANGEMAN, Mark
(74) Davies Collison Cave Pty Ltd
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- (71)** Lolli, Inc.
(11) AU-A-2025234173
(21) 2025234173 **(22)** 17.09.2025
(54) AUTOMATING DIGITAL ASSET TRANSFERS BASED ON HISTORICAL TRANSACTIONS
(51) Int. Cl.
G06Q 20/36 (2012.01)
(43) 09.10.2025
(62) 2020426021
(72) SENTER, Matthew; GILES, Jarrad; AD-ELMAN, Alex
(74) James & Wells Intellectual Property
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- (71)** MELTIX LIMITED
(11) AU-A-2025234248
(21) 2025234248 **(22)** 19.09.2025
(54) IMPROVEMENTS IN AND RELATING TO METHODS AND APPARATUS FOR THE MANUFACTURE OF PLASTICS AND PRODUCTS THEREFROM, INCLUDING PARTS AND COMPONENTS THEREFOR
(51) Int. Cl.
B29B 7/40 (2006.01)

- B29B 7/34** (2006.01)
B29B 7/38 (2006.01)
B29B 13/02 (2006.01)
B29B 17/04 (2006.01)
(43) 09.10.2025
(62) 2024326375
(72) JAMES, Dallas Rex; WALKER, Jason Lee; WANSBROUGH, Leith Evan; SMITH, Zachary Luke; NORTHIN, Peter Graham
(74) James & Wells Intellectual Property
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- (71)** Nanjing Chervon Industry Co., Ltd.
(11) AU-A-2025200853
(21) 2025200853 **(22)** 07.02.2025
(54) MISTING FAN
(51) Int. Cl.
F04D 25/08 (2006.01)
F04D 25/06 (2006.01)
F04D 27/00 (2006.01)
F04D 29/70 (2006.01)
F24F 6/14 (2006.01)
(31) 202410345863.6 **(32)** 25.03.24 **(33)** CN
202421901469.8 06.08.24 CN
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202421897374.3 06.08.24 CN
(43) 09.10.2025
(72) Hu, Ming; Li, Kaiyan; Cao, Pengpeng; Gu, Yang; Liu, Hehan
(74) Madderns Pty Ltd
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- (71)** Neurim Pharmaceuticals Ltd.
(11) AU-A-2025234204
(21) 2025234204 **(22)** 18.09.2025
(54) Melatonin mini-tablets and method of manufacturing the same
(51) Int. Cl.
A61K 31/00 (2006.01)
(43) 09.10.2025
(62) 2023202003
(72) LAUDON, Moshe; ZISAPEL, Nava
(74) Spruson & Ferguson
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- (71)** Nthalmic Holding Pty Ltd; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
(11) AU-A-2025234175
(21) 2025234175 **(22)** 17.09.2025
(54) METHODS AND APPARATUS TO MANAGE MEIBOMIAN GLAND DEFICIENCIES
(51) Int. Cl.
A61F 9/04 (2006.01)
A61B 5/00 (2006.01)
A61B 18/04 (2006.01)
A61F 7/00 (2006.01)
A61H 23/00 (2006.01)
(43) 09.10.2025
(62) 2021277096
(72) BAKARAJU, Ravi Chandra; EHRMANN, Klaus
(74) NTHALMIC HOLDING PTY LTD
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- (71)** Nucleix Ltd.
(11) AU-A-2025226734
(21) 2025226734 **(22)** 04.09.2025

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(54) Kits and Methods for Diagnosing Lung Cancer

(51) Int. Cl.
C12Q 1/68 (2018.01)

(43) 09.10.2025

(62) 2019210150

(72) FRUMKIN, Danny; WASSERSTROM, Adam

(74) Pipers Intellectual Property

(71) Orthosoft ULC

(11) AU-A-2025202087

(21) 2025202087 (22) 24.03.2025

(54) SURGICAL GUIDANCE USING A STRUCTURED LIGHT CAMERA

(51) Int. Cl.

A61B 90/30 (2016.01)

A61B 34/20 (2016.01)

A61B 90/35 (2016.01)

(31) 63/569,357 (32) 25.03.24 (33) US

(43) 09.10.2025

(72) Madier Vigneux, Joseph; Mullemeester, Mélanie; Twyford, Perry T.; Sauvee, Mickael

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Outreach Corporation

(11) AU-A-2025234178

(21) 2025234178 (22) 17.09.2025

(54) AUTOMATED COMMUNICATION IN AN EMAIL SYNCHRONIZATION AND WORKFLOW SYSTEM

(51) Int. Cl.

G06Q 10/10 (2023.01)

G06Q 30/02 (2023.01)

H04L 12/00 (2006.01)

H04W 4/12 (2009.01)

(43) 09.10.2025

(62) 2023263553

(72) HEMPTON, Gordon L.; HATHER, Wesley R.; KINZER, Andrew S.; MEDINA, Manuel A.

(74) Madderns Pty Ltd

(71) PARADOX, INC.

(11) AU-A-2025234162

(21) 2025234162 (22) 17.09.2025

(54) Calendar event scheduling artificial intelligence assistant using natural language

(51) Int. Cl.

G06Q 10/06 (2023.01)

G06N 20/00 (2019.01)

G06Q 10/00 (2023.01)

G06Q 20/00 (2012.01)

(43) 09.10.2025

(62) 2022328125

(72) OST, Stephen Derek; SMITH, Cory; COPELAND, Jake

(74) FPA Patent Attorneys Pty Ltd

(71) PAYPAL, INC.

(11) AU-A-2025234189

(21) 2025234189 (22) 17.09.2025

(54) Event-based triggers of cryptocurrency transactions

(51) Int. Cl.

G06Q 20/36 (2012.01)

G06Q 20/38 (2012.01)

(43) 09.10.2025

(62) 2022359249

(72) PURANDARE, Sujay Vijay

(74) FPA Patent Attorneys Pty Ltd

(71) Pneuma Respiratory, Inc.

(11) AU-A-2025234212

(21) 2025234212 (22) 18.09.2025

(54) Delivery of small droplets to the respiratory system via electronic breath actuated droplet delivery device

(51) Int. Cl.

A61M 15/08 (2006.01)

(43) 09.10.2025

(62) 2020308104

(72) CLEMENTS, Judson Sidney; CULPEPPER, Matthew; HUNTER, Charles Eric; HEBRANK, John H.

(74) Spruson & Ferguson

(71) PRIMEGEN US, INC.

(11) AU-A-2025226714

(21) 2025226714 (22) 03.09.2025

(54) Methods and Compositions For Treating Liver Disease

(51) Int. Cl.

A61P 1/16 (2006.01)

A61K 35/12 (2015.01)

C12N 5/077 (2010.01)

(43) 09.10.2025

(62) 2022273715

(72) MARH, Joel

(74) K&L Gates

(71) Quidient, LLC

(11) AU-A-2025234209

(21) 2025234209 (22) 18.09.2025

(54) Quotidian scene reconstruction engine

(51) Int. Cl.

H04N 5/225 (2006.01)

G02B 1/08 (2006.01)

G06T 7/55 (2017.01)

G06T 7/557 (2017.01)

G06T 9/40 (2006.01)

H04N 5/76 (2006.01)

(43) 09.10.2025

(62) 2023202040

(72) Ackerson, David Scott; Meagher, Donald J.; Leffingwell, John K.; Daniilidis, Kostas

(74) Griffith Hack

(71) Qurient Co., Ltd.

(11) AU-A-2025234265

(21) 2025234265 (22) 22.09.2025

(54) A pharmaceutical oral dosage form of Q203

(51) Int. Cl.

A61K 31/437 (2006.01)

A61K 9/28 (2006.01)

A61K 47/26 (2006.01)

A61K 47/32 (2006.01)

A61K 47/38 (2006.01)

(43) 09.10.2025

(62) 2020404130

(72) NAM, Kiyean; KIM, Jaeseung; JUNG, Chunwon; LEE, Saeyeon

(74) RnB IP Pty Ltd

(71) Quzhou Sanhe Outdoor Equipment Technology Co.,Ltd

(11) AU-A-2024202841

(21) 2024202841 (22) 01.05.2024

(54) Quick-Up Canopy Frame

(51) Int. Cl.

E04H 15/46 (2006.01)

E04H 15/24 (2006.01)

E04H 15/40 (2006.01)

(31) 2024205414290 (32) 20.03.24 (33) CN

(43) 09.10.2025

(72) Hui, Ling

(74) Remarkable IP

(71) Raven Industries, Inc.

(11) AU-A-2025202049

(21) 2025202049 (22) 21.03.2025

(54) Grain cart orchestration

(51) Int. Cl.

G05D 1/692 (2024.01)

A01D 41/02 (2006.01)

G05D 1/695 (2024.01)

(31) 18/614,013 (32) 22.03.24 (33) US

(43) 09.10.2025

(72) KOCER, Jared Ernest; WAGERS, Jesse Lee

(74) FB Rice Pty Ltd

(71) Rein Therapeutics, Inc.

(11) AU-A-2025234225

(21) 2025234225 (22) 19.09.2025

(54) Modified peptide fragments of Cav-1 protein and the use thereof in the treatment of fibrosis

(51) Int. Cl.

A61K 38/08 (2019.01)

A61K 38/10 (2006.01)

A61K 38/16 (2006.01)

A61K 38/17 (2006.01)

A61P 11/00 (2006.01)

C07K 7/06 (2006.01)

(43) 09.10.2025

(62) 2019339260

(72) CHRISTENSEN, Dale; KOLENG, John J.

(74) Davies Collison Cave Pty Ltd

(71) ResMed Pty Ltd

(11) AU-A-2025234259

(21) 2025234259 (22) 19.09.2025

(54) CPAP SYSTEM

(51) Int. Cl.

A61M 16/16 (2006.01)

(43) 09.10.2025

(62) 2020259386

(72) WORKMAN, Jeremy William; TSAI, Ernie Wei-Chih; DENT, Michael James; KABILAFKAS, Max William Andrew; MAURER, Dimitri Marco; CHAN, Andrew; FORMICA, Justin John; VERMA, Hargopal; KROL-MAZUR, Katarzyna

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Anna; TAN, Chia Ik; MAIKIM, Jessie
Cindy
(74) Halfords IP

(71) RISK MANAGEMENT SOLUTIONS
HOLDINGS PTY LTD

(11) AU-A-2024201903
(21) 2024201903 (22) 25.03.2024
(54) Asset & Risk Management Recording,
Monitoring and Processing App and
Platform System
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06F 21/31 (2013.01)

(43) 09.10.2025
(72) Derrin, Mirela-Marija
(74) Mirela-Marija Derrin

(71) RNA Care Co Limited
(11) AU-A-2025202058
(21) 2025202058 (22) 21.03.2025
(54) Diagnostic method of detecting inflam-
mation biomarker(s)
(51) Int. Cl.
C12Q 1/6883 (2018.01)
(31) 809400 (32) 21.03.24 (33) NZ
(43) 09.10.2025
(72) LINDSAY, Libby; BANAHARIS, Harry
(74) Spruson & Ferguson

(71) Ruscoe, G.
(11) AU-A-2025201925
(21) 2025201925 (22) 18.03.2025
(54) Ruscoe conveyor system
(51) Int. Cl.
B65G 23/10 (2006.01)
B65G 15/40 (2006.01)
B65G 19/08 (2006.01)
B65G 23/12 (2006.01)
B65G 23/44 (2006.01)
B65G 21/08 (2006.01)
(31) 2024900777 (32) 22.03.24 (33) AU
(43) 09.10.2025
(72) Ruscoe, George
(74) BRM Patent Attorneys Pty Ltd

(71) Shanghai Hanshi Information Techno-
logy Co., Ltd.
(11) AU-A-2025200771
(21) 2025200771 (22) 05.02.2025
(54) Abnormal shopping behavior detection
method and apparatus for intelligent
shopping cart, and shopping cart
(51) Int. Cl.
G06Q 30/06 (2023.01)
G06Q 20/08 (2012.01)
G06T 7/246 (2017.01)
(31) 202410338478.9 (32) 22.03.24 (33) CN
(43) 09.10.2025
(72) ZHAO, Jianguo; ZHUANG, Yitang;
HUANG, Sheng; FU, Zhe
(74) FB Rice Pty Ltd

(71) Sigilon Therapeutics, Inc.
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(21) 2025220781 (22) 21.08.2025

(54) Methods, compositions, and implant-
able elements comprising active cells
(51) Int. Cl.
A61K 48/00 (2006.01)
(43) 09.10.2025
(62) 2018338608
(72) SEWELL, Jered A.; CARMONA,
Guillaume; GONZALEZ, Francisco
Caballerro; HEIDEBRECHT, Richard;
MILLER, Robert James; OBERLI,
Matthias Alexander; PERITT, David;
SMITH, Devyn McKinley; VEISEH, Om-
id; WOTTON, Paul Kevin; SEWELL,
Jered A.
(74) Pearce IP Pty Ltd

(71) Smivet B.V.
(11) AU-A-2025234234
(21) 2025234234 (22) 19.09.2025
(54) Single domain antibodies binding to
tetanus neurotoxin
(51) Int. Cl.
C07K 16/12 (2006.01)
(43) 09.10.2025
(62) 2019233603
(72) DE SMIT, Abraham Johannes; HARM-
SEN, Michaël Marie
(74) Griffith Hack

(71) Snap-on Incorporated
(11) AU-A-2025234242
(21) 2025234242 (22) 19.09.2025
(54) Reinforcing frame fixture for electric
vehicles
(51) Int. Cl.
B62D 21/02 (2006.01)
B60S 5/06 (2019.01)
B62D 21/08 (2006.01)
B62D 21/09 (2006.01)
B62D 21/12 (2006.01)
B62D 21/14 (2006.01)
(43) 09.10.2025
(62) 2023204714
(72) KUTER-ARNEBECK, Ottolero; WEIR,
Nicholas H.; GABBEY, Nicholas A.;
GREENE, Christian P.
(74) Griffith Hack

(71) Solspan Pty Ltd
(11) AU-A-2025201472
(21) 2025201472 (22) 28.02.2025
(54) Double or single sided sheet metal thin
film solar panel
(51) Int. Cl.
H02S 20/26 (2014.01)
B32B 7/12 (2006.01)
B32B 15/18 (2006.01)
B32B 38/00 (2006.01)
(31) 2024900739 (32) 18.03.24 (33) AU
(43) 09.10.2025
(72) Blazley, Wade
(74) Solspan Pty Ltd

(71) SOMERO ENTERPRISES, INC.
(11) AU-A-2025234268
(21) 2025234268 (22) 22.09.2025

(54) Concrete screeding machine with wall
edge screeding feature
(51) Int. Cl.
E01C 19/38 (2006.01)
E01C 19/22 (2006.01)
E01C 19/26 (2006.01)
E01C 23/00 (2006.01)
E01C 23/01 (2006.01)
(43) 09.10.2025
(62) 2023217076
(72) HALONEN, Philip D.; JOHNSON, Grant
A.; PIETILA, Mark A.
(74) Griffith Hack

(71) Stalicia SA
(11) AU-A-2025202042
(21) 2025202042 (22) 21.03.2025
(54) TREATMENT FOR AUTISM SPEC-
TRUM DISORDER
(51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/195 (2006.01)
A61P 25/00 (2006.01)
(31) CH 000304/2024 (32) 21.03.24 (33) CH
(43) 09.10.2025
(72) Durham, Lynn; Hyvelin, Jean-Marc
(74) Southern Cross Intellectual Property

(71) Stalicia SA
(11) AU-A-2025202130
(21) 2025202130 (22) 25.03.2025
(54) TREATMENT FOR ASD
(51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/195 (2006.01)
A61P 25/00 (2006.01)
G01N 33/68 (2006.01)
(31) 000317/2024 (32) 25.03.24 (33) CH
(43) 09.10.2025
(72) Durham, Lynn; Pérez-Cano, Laura;
Guney, Emre; Sirici, Francesco; Gal-
lego, Xavier; Valentini, Samuel;
Hidalgo, Jose Manuel
(74) Madderns Pty Ltd

(71) Stryker Corporation
(11) AU-A-2025202089
(21) 2025202089 (22) 24.03.2025
(54) Medical device with enhanced storage
and portability
(51) Int. Cl.
A61B 50/31 (2016.01)
(31) 63/569,388 (32) 25.03.24 (33) US
19/087,118 21.03.25 US
(43) 09.10.2025
(72) WEGMANN, Brittany Kendra; WONG,
Jeremy; ALVIAR, Christopher G.
(74) Griffith Hack

(71) SU, C.
(11) AU-A-2024205667
(21) 2024205667 (22) 11.08.2024
(54) Winch
(51) Int. Cl.
B66D 1/14 (2006.01)
(31) 202410322505.3 (32) 20.03.24 (33) CN

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(72) SU, Caiping
(74) A.P.T. Patent and Trade Mark Attorneys

(71) Sungrow Power Supply Co., Ltd.
(11) AU-A-2024278410
(21) 2024278410 (22) 13.12.2024
(54) Power converter, method for controlling power converter, and power system
(51) Int. Cl.
H02M 7/5381 (2007.01)
H02J 3/38 (2006.01)
(31) 202410347159.4 (32) 25.03.24 (33) CN
(43) 09.10.2025
(72) LI, Bijie; WANG, Lei; HUANG, Zhifeng; ZHOU, Pengfei
(74) GLMR

(71) Supracor, Inc.
(11) AU-A-2025234226
(21) 2025234226 (22) 19.09.2025
(54) AN ADJUSTABLE ANATOMICAL SUPPORT AND SEAT CUSHION APPARATUS FOR WHEELCHAIRS
(51) Int. Cl.
A47C 31/00 (2006.01)
A47C 16/00 (2006.01)
A47C 20/02 (2006.01)
A47C 27/08 (2006.01)
A61G 5/10 (2006.01)
B68G 5/00 (2006.01)
(43) 09.10.2025
(62) 2019438812
(72) WILSON, Susan L.; LANDI, Curtis L.
(74) James & Wells Intellectual Property

(71) Swissmeda AG
(11) AU-A-2025234200
(21) 2025234200 (22) 18.09.2025
(54) Bone foundation guide system with reduction guide
(51) Int. Cl.
A61C 1/08 (2006.01)
A61C 8/00 (2006.01)
(43) 09.10.2025
(62) 2019374965
(72) SCHMÄLZLE, Stefan
(74) Spruson & Ferguson

(71) Tankless Pty Ltd
(11) AU-A-2025202080
(21) 2025202080 (22) 21.03.2025
(54) Water Holding System
(51) Int. Cl.
B01D 29/50 (2006.01)
B01D 29/11 (2006.01)
C02F 1/00 (2023.01)
E02B 11/00 (2006.01)
E03F 1/00 (2006.01)
B01D 36/02 (2006.01)
E04H 7/02 (2006.01)
C02F 103/00 (2006.01)
C02F 103/42 (2006.01)
(31) 2024900762 (32) 21.03.24 (33) AU
2024901818 14.06.24 AU

(43) 09.10.2025
(72) Schmutter, Darren
(74) Sandercock & Cowie

(71) Technological University Dublin
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(21) 2025234185 (22) 17.09.2025
(54) On-site detection of parasitic infection of mammals
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 10/00 (2006.01)
G01N 33/48 (2006.01)
G16H 50/20 (2018.01)
(43) 09.10.2025
(62) 2019396638
(72) SMITH, Sean; MC ELLIGOTT, Tara; LOPEZ ESCOBAR, Jose; IZQUIERDO HIJAZI, Daniel
(74) Alder IP Pty Ltd

(71) Techtronic Cordless GP
(11) AU-A-2025201962
(21) 2025201962 (22) 18.03.2025
(54) Misting Fan Assembly
(51) Int. Cl.
F04D 25/08 (2006.01)
F04D 19/00 (2006.01)
F04D 29/70 (2006.01)
F24F 6/14 (2006.01)
F24F 7/007 (2006.01)
(31) 63/569,440 (32) 25.03.24 (33) US
(43) 09.10.2025
(72) YORK, Bradley; GERDES, Garrett; HARRIS, Jordan; LAUGH, Curt; HARRINGTON, Zachary; ALTENBURGER, Ryan
(74) WRAYS PTY LTD

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(11) AU-A-2025230771
(21) 2025230771 (22) 12.09.2025
(54) INTERMITTENT COVERAGE IN A NON-TERRESTRIAL NETWORK
(51) Int. Cl.
H04B 7/185 (2006.01)
(43) 09.10.2025
(62) 2022322176
(72) RUNE, Johan; YAVUZ, Emre; MÄÄTTÄNEN, Helka-Liina
(74) AJ PARK

(71) Terra Quantum AG
(11) AU-A-2025201395
(21) 2025201395 (22) 27.02.2025
(54) A method and system for training hybrid quantum-classical machine learning models
(51) Int. Cl.
G06N 10/60 (2022.01)
G06N 10/40 (2022.01)
G06N 20/00 (2019.01)
(31) 24165772.5 (32) 25.03.24 (33) EP

(43) 09.10.2025
(72) SOMOGYI, Wilfrid; PANKOVETS, Eka-terina; KUZMIN, Viacheslav; MELNIKOV, Alexey
(74) Griffith Hack

The Boeing Company see Washington State University
(21) 2025234247

(71) The NOCO Company
(11) AU-A-2025230754
(21) 2025230754 (22) 11.09.2025
(54) Battery charging device for charging a deeply discharged battery, and battery charging system and method
(51) Int. Cl.
H01M 10/44 (2006.01)
F02N 11/00 (2006.01)
H02J 7/00 (2006.01)
(43) 09.10.2025
(62) 2024202784
(72) MCBRIDE, James P.; STANFIELD, James Richard; UNDERHILL, Derek Michael; NOOK, Jonathan Lewis
(74) Griffith Hack

(71) The Raymond Corporation
(11) AU-A-2025234228
(21) 2025234228 (22) 19.09.2025
(54) CONVEYOR CART ALIGNMENT SYSTEMS AND METHODS
(51) Int. Cl.
B65G 47/60 (2006.01)
B65G 65/00 (2006.01)
(43) 09.10.2025
(62) 2020202272
(72) Paterson Jr., Robert J.
(74) RnB IP Pty Ltd

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(11) AU-A-2025220853
(21) 2025220853 (22) 22.08.2025
(54) Bicistronic chimeric antigen receptors and their uses
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(43) 09.10.2025
(62) 2018269194
(72) MACKALL, Crystal L.; QIN, Haiying; FRY, Terry J.
(74) Spruson & Ferguson

(71) Thundaflo Limited
(11) AU-A-2025201997
(21) 2025201997 (22) 19.03.2025
(54) LEVEL THRESHOLD/PERIMETER CHANNEL DRAINAGE SYSTEM
(51) Int. Cl.
E03F 1/00 (2006.01)
E02D 31/02 (2006.01)
E03F 3/04 (2006.01)

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(72) WHITE, John Francis
(74) HENRY HUGHES IP LTD

(71) Travel-Wallet Co., Ltd.
(11) AU-A-2025234223
(21) 2025234223 **(22)** 19.09.2025
(54) Payment system for supporting split payment and method for performing split payment thereof
(51) Int. Cl.
G06Q 20/14 (2012.01)
(43) 09.10.2025
(62) 2024205507
(72) KIM, Hyung Woo
(74) FB Rice Pty Ltd

(71) Tridelta Meidensha GMBH
(11) AU-A-2025202017
(21) 2025202017 **(22)** 20.03.2025
(54) Surge protection devices for a high-voltage line
(51) Int. Cl.
H02H 9/04 (2006.01)
H01T 1/14 (2006.01)
H02H 9/00 (2006.01)
H02H 9/06 (2006.01)
(31) 102024108045.0 **(32)** 20.03.24 **(33)** DE
(43) 09.10.2025
(72) Raschke, Philipp
(74) Davies Collison Cave Pty Ltd

(71) Tsai, J.
(11) AU-A-2025202074
(21) 2025202074 **(22)** 21.03.2025
(54) Speed control device for control of idler of wind turbine to rotate at constant speed
(51) Int. Cl.
F03D 7/02 (2006.01)
F03D 15/10 (2016.01)
(31) 113110581 **(32)** 21.03.24 **(33)** TW
(43) 09.10.2025
(72) Tsai, Jui-An
(74) Griffith Hack

(71) Tulynode Biosciences Inc
(11) AU-A-2025234166
(21) 2025234166 **(22)** 17.09.2025
(54) Methods for activating immune cells
(51) Int. Cl.
A61K 39/00 (2006.01)
C12N 5/078 (2010.01)
C12N 5/09 (2010.01)
(43) 09.10.2025
(62) 2018309169
(72) KIM, Phillip S.; GROT, Brian E.; LANGLEY, Emma
(74) FPA Patent Attorneys Pty Ltd

(71) UVeye Ltd
(11) AU-A-2025202057
(21) 2025202057 **(22)** 21.03.2025

(54) Single Pass Automated Vehicle Inspection System and Method
(51) Int. Cl.
G01M 17/02 (2006.01)
G01N 21/88 (2006.01)
G07C 5/08 (2006.01)
(31) 18/613,183 **(32)** 22.03.24 **(33)** US
(43) 09.10.2025
(72) Hever, Ohad; Hever, Amir
(74) MBIP

(71) UVeye Ltd.
(11) AU-A-2025201774
(21) 2025201774 **(22)** 12.03.2025
(54) Systems and methods for automated inspection of vehicles for body damage
(51) Int. Cl.
G06T 7/38 (2017.01)
G01C 11/06 (2006.01)
G01C 11/36 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06T 7/30 (2017.01)
(31) 18/613,176 **(32)** 22.03.24 **(33)** US
18/991,874 23.12.24 US
(43) 09.10.2025
(72) ENGEL, Guy; ILAN, Paz; YEDIDIA, Noa; DALOUMI, Tomer Efi; ARZOUAN, Daniel
(74) GLMR

(71) Viasat, Inc.
(11) AU-A-2025234275
(21) 2025234275 **(22)** 22.09.2025
(54) Centralized content access management
(51) Int. Cl.
H04N 21/214 (2011.01)
H04N 21/45 (2011.01)
(43) 09.10.2025
(62) 2018453582
(72) O'NEAL, Stephen; MOORTHY, Sandeep; KONDERLA, Wesley A.; HOFFMAN, Anton
(74) Adams Pluck

(71) Washington State University; The Boeing Company
(11) AU-A-2025234247
(21) 2025234247 **(22)** 19.09.2025
(54) A permeable pavement system including a permeable pavement composition and a related method
(51) Int. Cl.
E01C 7/10 (2006.01)
E01C 7/18 (2006.01)
E01C 7/26 (2006.01)
E01C 11/22 (2006.01)
(43) 09.10.2025
(62) 2020260027
(72) TAEGER, Deborah Ann; NASSIRI, Somayeh; ENGLUND, Karl Richard; ZHANG, Kun; LIM, Justin Yune-Te
(74) FB Rice Pty Ltd

(71) Welch Allyn, Inc.
(11) AU-A-2025202050

(21) 2025202050 **(22)** 21.03.2025
(54) ECG monitoring system having wireless charging and communication
(51) Int. Cl.
H02J 7/12 (2006.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/024 (2006.01)
A61B 5/0255 (2006.01)
H02J 50/70 (2016.01)
(31) 63/568,658 **(32)** 22.03.24 **(33)** US
63/648,247 16.05.24 US
(43) 09.10.2025
(72) DO, Tiffany; VILLARREAL, David; REVINSKI, Alexey; MARTIN, Scott Andrew; ROBERTS, Chris R.
(74) Spruson & Ferguson

(71) Wonderland Switzerland AG
(11) AU-A-2025234237
(21) 2025234237 **(22)** 19.09.2025
(54) DINNER TRAY, DINNER TRAY HOLDER AND CHILD CARRIER
(51) Int. Cl.
B62B 9/26 (2006.01)
A47D 15/00 (2006.01)
B62B 9/24 (2006.01)
(43) 09.10.2025
(62) 2023266372
(72) SUN, Mingxing; YIN, Hongtao
(74) James & Wells Intellectual Property

(71) Worldpay, LLC
(11) AU-A-2025234170
(21) 2025234170 **(22)** 17.09.2025
(54) Systems and methods for executing real-time electronic transactions using API calls
(51) Int. Cl.
G06Q 20/02 (2012.01)
G06Q 20/08 (2012.01)
G06Q 20/40 (2012.01)
G06Q 40/00 (2023.01)
(43) 09.10.2025
(62) 2021416824
(72) WIED, William, J.; CHEEMA, Aman, S.; DINAN, Stephen, E.; DRAGAN, Manuela
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(11) AU-A-2024278237
(21) 2024278237 **(22)** 10.12.2024
(54) Construction method of composite wall and fixing device
(51) Int. Cl.
E04B 1/38 (2006.01)
E04B 1/48 (2006.01)
E04B 1/90 (2006.01)
(31) 113110274 **(32)** 20.03.24 **(33)** TW
113134396 11.09.24 TW
(43) 09.10.2025
(72) YANG, Chih-Hsiang
(74) FB Rice Pty Ltd

(71) Yung Chi Industry Co., Ltd.
(11) AU-A-2025200261

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(54) Tube cutter for tubes with various diameters
(51) Int. Cl.
B23D 21/06 (2006.01)
B23D 21/10 (2006.01)
B26D 3/16 (2006.01)
(31) 113109472 (32) 14.03.24 (33) TW
(43) 09.10.2025
(72) HUANG, Wu Sheng
(74) A.P.T. Patent and Trade Mark Attorneys
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Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd. see Nthalmic Holding Pty Ltd
(21) 2025234175

- (71) Zonit Structured Solutions, LLC
(11) AU-A-2025230657
(21) 2025230657 (22) 09.09.2025
(54) Electrical cord cap with easy connect housing portions
(51) Int. Cl.
H01R 13/629 (2006.01)
H01R 13/24 (2006.01)
H01R 13/639 (2006.01)
(43) 09.10.2025
(62) 2020240533
(72) PACHOUD, William; CHAPEL, Steve
(74) FPA Patent Attorneys Pty Ltd

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2024201859	Bekaert Wire Ropes Pty Ltd; Bridon International Ltd.	2025234169	Leo Cancer Care, Inc.
2024201893	Feleke, M.	2025234170	Worldpay, LLC
2024201903	RISK MANAGEMENT SOLUTIONS HOLDINGS PTY LTD	2025234171	ConMed Corporation
2024202841	Quzhou Sanhe Outdoor Equipment Technology Co.,Ltd	2025234173	Lolli, Inc.
2024203655	Beijing HyperStrong Technology Co., Ltd.	2025234175	Nthalmic Holding Pty Ltd; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
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2024227364	Faircloth, D.; Gothard, G.	2025234185	Technological University Dublin
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2025200771	Shanghai Hanshi Information Technology Co., Ltd.	2025234200	Swissmeda AG
2025200853	Nanjing Chervon Industry Co., Ltd.	2025234201	ExoAnalytic Solutions, Inc.
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2025201238	Deere & Company	2025234212	Pneuma Respiratory, Inc.
2025201239	Deere & Company	2025234213	Juvo Solutions Pty Ltd
2025201259	Deere & Company	2025234220	Cook Medical Technologies LLC
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2025201951	Deere & Company	2025234237	Wonderland Switzerland AG
2025201962	Techtronic Cordless GP	2025234238	FCI Holdings Delaware, LLC
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2025202042	Stalicia SA	2025234247	Washington State University; The Boeing Company
2025202046	Bergen, W.	2025234248	MELTIX LIMITED
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2025202050	Welch Allyn, Inc.	2025234251	ACUSENSUS IP PTY LTD
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2025202080	Tankless Pty Ltd	2025234259	ResMed Pty Ltd
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2025226734	Nucleix Ltd.		
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2025230771	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)		
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2025234164	Carnegie Mellon University		

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. (*) Title not in Roman characters

. (**) Title not given

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

(71) Farmbot Holdings Pty Ltd

(11) AU-A-2025100014

(21) 2025100014 **(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)

(45) 09.10.2025

(62) 2020346616

(72) HENDRICKS, Craig

(74) Blackwattle IP

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(71) 1S1 ENERGY, INC.
 (11) AU-A-2023432464
 (21) 2023432464 (22) 23.06.2023
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 (51) Int. Cl.
C07F 5/02 (2006.01)
C08F 4/42 (2006.01)
C08F 4/52 (2006.01)
C08F 4/46 (2006.01)
 (87) WO2024/177646
 (31) 63/448,016 (32) 24.02.23 (33) US
 (43) 29.08.2024
 (72) BHATTACHARYYA, Sukanta; SOBEK, Daniel
 (74) GLMR

(71) 1ST AVENUE NOVA, LLC
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 (54) GEMINI GRID-CONNECTABLE RENEWABLE POWERPLANT DELIVERING HIGH CAPACITY FACTOR TO CONTROLLABLE LOADS
 (51) Int. Cl.
H02J 3/12 (2006.01)
H02J 3/32 (2006.01)
H02J 3/38 (2006.01)
 (31) 63/568,397 (32) 21.03.24 (33) US
 63/574,733 04.04.24 US
 63/639,474 26.04.24 US
 63/642,490 03.05.24 US
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 (43) 09.10.2025
 (72) BUTTGEBACH, Thomas
 (74) RnB IP Pty Ltd

(71) 272BIO LIMITED; BIOAZ
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 (51) Int. Cl.
C07K 16/26 (2006.01)
 (87) WO2024/200846
 (31) 23305451.9 (32) 30.03.23 (33) EP
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 (72) DELCOMBEL, Romain; OWEN, Charles; PIMENTA DE CASTRO, Inês; BERTELLI, François
 (74) Griffith Hack

(71) 6K INC.
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 (51) Int. Cl.
C01D 15/02 (2006.01)
H01M 4/48 (2010.01)
 (87) WO2024/182267
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) METHODS OF TREATING PEDIATRIC PATIENTS WITH UPADACITINIB
 (51) Int. Cl.
A61K 31/4985 (2006.01)
A61K 9/00 (2006.01)
A61K 47/00 (2006.01)
A61P 1/00 (2006.01)
A61P 17/00 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 37/02 (2006.01)
 (87) WO2024/197127
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 (43) 26.09.2024
 (72) MOHAMED, Mohamed-Eslam F.; TAN, Cheng Thiam; TEIXEIRA, Henrique D.; CHU, Alvina D.
 (74) Spruson & Ferguson

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 (54) METHOD OF TREATING TUBEROUS SCLEROSIS COMPLEX OR EPILEPSY AND COMPOSITION FOR USE THEREIN
 (51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/44 (2006.01)
A61K 31/505 (2006.01)
A61K 31/33 (2006.01)
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A61K 31/395 (2006.01)
C07D 471/02 (2006.01)
C07D 471/08 (2006.01)
A61K 31/33 (2006.01)
 (87) WO2024/178335
 (31) 63/486,534 (32) 23.02.23 (33) US
 (43) 29.08.2024
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2024241238 (22) 21.03.2024
 (54) USE OF FENPYROXIMATE FOR CONTROLLING EARTH MITES, GROUND PEARLS AND ERIOPHYDAES
 (51) Int. Cl.
A01N 43/56 (2006.01)
C07D 231/20 (2006.01)
 (87) WO2024/194869
 (31) 63/491,407 (32) 21.03.23 (33) US
 (43) 26.09.2024
 (72) HORSFIELD, Andrew
 (74) Davies Collison Cave Pty Ltd

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 (54) LIQUID HOMOGENEOUS AGRO-CHEMICAL COMPOSITION OF INSECTICIDES
 (51) Int. Cl.
A01N 43/22 (2006.01)
A01N 43/90 (2006.01)
A01N 47/34 (2006.01)
A01P 7/00 (2006.01)
A01P 21/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2024261307 (22) 23.04.2024
 (54) ANTI-P95HER2 ANTIBODIES AND METHODS FOR THEIR USE
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C07K 16/32 (2006.01)
 (87) WO2024/226522
 (31) 63/461,426 (32) 24.04.23 (33) US
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(54) A FOOD DISPENSER FOR INSECTS
(51) Int. Cl.
A01K 5/00 (2006.01)
A01K 67/30 (2025.01)
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(31) 23168528.0 (32) 18.04.23 (33) EP
(43) 24.10.2024
(72) JENSEN, Ida Cecilie
(74) GLMR

(71) AGROVET MARKET S.A.
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(51) Int. Cl.
A61K 31/7048 (2006.01)
A61K 47/10 (2017.01)
A61K 47/20 (2006.01)
A61P 31/04 (2006.01)
(87) WO2024/210760
(31) 001371-2023/DIN (32) 05.04.23 (33) PE
(43) 10.10.2024
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(74) Madderns Pty Ltd

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(51) Int. Cl.
C09D 5/16 (2006.01)
C09D 7/63 (2018.01)
C09D 133/06 (2006.01)
(87) WO2024/227831
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C09B 47/18 (2006.01)

A61P 35/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) AUTOMATED CONTROL OF SINGLE-CRYSTAL FIBER GROWTH PROCESS
(51) Int. Cl.
C30B 13/24 (2006.01)
C30B 13/30 (2006.01)
C30B 13/32 (2006.01)
C30B 29/20 (2006.01)
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(31) 63/495,585 (32) 12.04.23 (33) US
(43) 17.10.2024
(72) CANZONE, Kevin; MAXWELL, Gisele; DEEV, Andrei
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ALCON INC.
(11) AU-A-2024256379
(21) 2024256379 (22) 16.04.2024
(54) ILLUMINATING EYE DEPRESSOR
(51) Int. Cl.
A61B 17/02 (2006.01)
A61B 90/30 (2016.01)
(87) WO2024/218659
(31) 63/496,989 (32) 19.04.23 (33) US
(43) 24.10.2024
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(21) 2024264053 (22) 17.04.2024
(54) CONSOLE LIGHT GUIDE DEVICE
(51) Int. Cl.
F21V 33/00 (2006.01)
F21V 8/00 (2006.01)
F21Y 103/33 (2016.01)
F21Y 113/13 (2016.01)
F21Y 115/10 (2016.01)
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(31) 63/498,648 (32) 27.04.23 (33) US
(43) 31.10.2024
(72) LEONG, Kyle
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) MULTIDOSE PRESERVATIVE-FREE (MDPF) OPHTHALMIC DOSE DELIVERY WITH ADDITION OF FORMULATION SURFACTANTS
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/335 (2006.01)

A61K 31/4168 (2006.01)
A61K 47/10 (2017.01)
A61K 47/14 (2017.01)
A61K 47/26 (2006.01)
A61K 47/38 (2006.01)
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(31) 63/517,360 (32) 03.08.23 (33) US
(43) 06.02.2025
(72) LIAO, Hongzhu; KOLEGA, Randall Renato
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(54) DEUTERATED AND FLUORINATED EMPATHOGENS
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A61K 31/36 (2006.01)
A61P 25/24 (2006.01)
C07D 317/48 (2006.01)
(87) WO2024/182774
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(21) 2024239330 (22) 20.03.2024
(54) IMPROVED METHODS AND COMPOSITIONS FOR CRISPR INTERFERENCE AND ACTIVATION
(51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/197086
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(72) HERMAN, Jacob A.; KHAN, Mohammed Ayub; HUANG, Chun-Hao
(74) FB Rice Pty Ltd

(71) ALKAHEST, INC.; GRIFOLS WORLD-WIDE OPERATIONS LIMITED
(11) AU-A-2024278770
(21) 2024278770 (22) 31.05.2024
(54) COMPOSITIONS OF BLOOD PLASMA FRACTIONS AND BLOOD PLASMA SUBFRACTIONS AND THEIR USE IN TREATMENT OF DISEASE
(51) Int. Cl.
A61K 35/16 (2015.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 9/10 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
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(21) 2024245105 (22) 28.03.2024
(54) SYSTEMS AND METHODS FOR OBTAINING NITROGEN AND CARBON DIOXIDE FROM A FLUE GAS

(51) Int. Cl.
F23J 15/00 (2006.01)
B01D 53/22 (2006.01)
B01D 53/56 (2006.01)
B01D 53/75 (2006.01)
C01B 32/50 (2017.01)
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(74) AJ PARK

(71) AMMANN SCHWEIZ AG
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(54) METHOD FOR EXTRACTING EXHAUST GASES DURING LOADING OF HOT ASPHALT FROM AN ASPHALT PRODUCTION PLANT
(51) Int. Cl.
E01C 19/10 (2006.01)
(87) WO2024/217674
(43) 24.10.2024
(72) STAMPFLI, Philipp
(74) Davies Collison Cave Pty Ltd

(71) AM-PHARMA B.V.
(11) AU-A-2024239501
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(54) ALKALINE PHOSPHATASE FOR USE IN TREATING ACUTE-ON-CHRONIC KIDNEY INJURY
(51) Int. Cl.
A61K 38/46 (2006.01)
A61K 38/17 (2006.01)
A61P 13/12 (2006.01)
(87) WO2024/196248
(31) 23163281.1 (32) 21.03.23 (33) EP
(43) 26.09.2024
(72) WINKEL, Matthias Johannes; VAN DEN BERG, Erik Jan; KRAAN, Maarten Cornelis; RICHARDS, Sharon Eva
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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G01D 21/00 (2006.01)
G06F 17/40 (2006.01)
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(43) 10.10.2024
(72) GOUGE, Brian Devin; FARAHMAND, Touraj; PATENAUDE, Jacob Edward; LIMA, Arandilo Rodrigues
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(71) ARC SIMULATIONS LTD
(11) AU-A-2024225791
(21) 2024225791 (22) 23.02.2024
(54) CRICKET BALL TRACKING AND PRE-DICTION SYSTEM
(51) Int. Cl.
G09B 19/00 (2006.01)
(87) WO2024/175932
(31) 2302759.2 (32) 24.02.23 (33) GB
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(72) ARMENAKIS, Michael; SMITH, Henry
(74) Baxter Patent Attorneys Pty Ltd

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(54) WITHANIA SOMNIFERA COMPOSITION FOR IMPROVING MEMORY AND COGNITION
(51) Int. Cl.
A61K 36/81 (2006.01)
A61K 31/585 (2006.01)
A61P 25/20 (2006.01)
A61P 25/28 (2006.01)
(87) WO2024/189503
(31) 202341016031 (32) 10.03.23 (33) IN
(43) 19.09.2024
(72) ANTONY, Benny
(74) GLMR

(71) ASCENTAGE PHARMA (SUZHOU) CO., LTD.; ASCENTAGE PHARMA GROUP CORP LIMITED
(11) AU-A-2024238523
(21) 2024238523 (22) 22.03.2024
(54) PHARMACEUTICAL COMPOSITION AND USE THEREOF
(51) Int. Cl.
A61K 31/704 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 405/14 (2006.01)
(87) WO2024/193693
(31) 202310287072.8 (32) 22.03.23 (33) CN
202311750151.4 19.12.23 CN
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(72) YU, Zhou; YAO, Xinyi; XIONG, Yan; LIANG, Zhiyan; ZHAI, Yifan; YANG, Dajun; TU, Yanhua
(74) FB Rice Pty Ltd

(71) ASPECT BIOSYSTEMS LTD.
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(54) BIOPRINTING METHODS AND SYSTEMS
(51) Int. Cl.
C12M 3/00 (2006.01)
B29C 64/386 (2017.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 50/00 (2015.01)
C12M 1/34 (2006.01)
C12M 1/36 (2006.01)
G06V 10/82 (2022.01)
G06V 20/69 (2022.01)

C12N 5/00 (2006.01)
(87) WO2024/178514
(31) 63/449,291 (32) 01.03.23 (33) US
(43) 06.09.2024
(72) BEYER, Simon; WALUS, Konrad; JAFARI, Mohammad Hossein
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(54) METHODS FOR GENERATING PRIMARY IMMUNE CELLS
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C12N 5/078 (2010.01)
(87) WO2024/175641
(31) 63/486,398 (32) 22.02.23 (33) US
(43) 29.08.2024
(72) MALHOTRA, Deepali; OVERSTREET, Michael; MOODY, Gordon; COBBOLD, Mark
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ASTRAZENECA AB
(11) AU-A-2024225572
(21) 2024225572 (22) 21.02.2024
(54) COMPOSITIONS AND METHODS OF TREATING DISEASE WITH CHIMERIC ANTIGEN RECEPTORS TO B CELL MATURATION ANTIGEN (BCMA)
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
(87) WO2024/175657
(31) 63/486,391 (32) 22.02.23 (33) US
(43) 29.08.2024
(72) TONG, Jessica Gayle; GILBRETH, Ryan Nicholas; MALHOTRA, Deepali; OVERSTREET, Michael; MOODY, Gordon; COBBOLD, Mark; VIAN, Laura; CARLESSO, Gianluca; BONDANZA, Attilio
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ATMOSR; MEDETIA
(11) AU-A-2024239653
(21) 2024239653 (22) 15.03.2024
(54) ADENINE DERIVATIVES AS HSP90 INHIBITORS
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/52 (2006.01)
A61P 35/00 (2006.01)
C07D 473/34 (2006.01)
(87) WO2024/194175
(31) 23305369.3 (32) 17.03.23 (33) EP
(43) 26.09.2024
(72) RAYAR, Anita; ANNIREAU, Jean-Philippe; BRISENO-ROA, Luis; BECK-OUICHE, Nathan; PROTON DE LA CHAPELLE, Xénia; MAILLOS, Philippe
(74) FPA Patent Attorneys Pty Ltd

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(21) 2024247772 (22) 28.03.2024

(54) HETEROCYCLOALKYL BETA-HYDROXY ALKYL AMINES FOR USE IN THE TREATMENT OF HYPERGLYCAEMIA AND DISORDERS CHARACTERISED BY HYPERGLYCAEMIA

(51) Int. Cl.
C07D 401/06 (2006.01)
A61K 31/4025 (2006.01)
A61K 31/454 (2006.01)
A61P 3/08 (2006.01)
A61P 3/10 (2006.01)
C07D 405/06 (2006.01)

(87) WO2024/200780

(31) 2304651.9 (32) 29.03.23 (33) GB
2308963.4 15.06.23 GB

(43) 03.10.2024

(72) MUTULE, Ilga; SUPE, Linda

(74) FB Rice Pty Ltd

(71) AXONIS THERAPEUTICS, INC.

(11) AU-A-2024243715

(21) 2024243715 (22) 05.04.2024

(54) KCC2 POTENTIATORS AND USES THEREOF

(51) Int. Cl.
C07D 233/96 (2006.01)
A61K 31/517 (2006.01)
A61P 25/08 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
C07D 213/04 (2006.01)

(87) WO2024/211686

(31) 63/457,326 (32) 05.04.23 (33) US
(43) 10.10.2024

(72) STANICKA, Joanna; HEGARTY, Shane; ROWLEY, Michael; DUNCTON, Matthew Alexander James

(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) AXONIS THERAPEUTICS, INC.

(11) AU-A-2024244259

(21) 2024244259 (22) 05.04.2024

(54) KCC2 POTENTIATORS AND USES THEREOF

(51) Int. Cl.
C07D 233/96 (2006.01)
C07D 213/04 (2006.01)
A61K 31/517 (2006.01)
A61P 25/08 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)

(87) WO2024/211744

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(43) 10.10.2024

(72) STANICKA, Joanna; DUNCTON, Matthew Alexander James; ZIMMERMAN, Amanda; SCHNEIDER, Manfred

(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) AZIWELL HOLDING AS

(11) AU-A-2024259304

(21) 2024259304 (22) 08.04.2024

(54) A SYSTEM AND A METHOD FOR DOWN HOLE CONTROL OF DEVICES WITHIN ROTARY STEERABLE DRILLING ASSEMBLY

(51) Int. Cl.
E21B 3/00 (2006.01)
E21B 7/06 (2006.01)
E21B 17/20 (2006.01)
E21B 21/10 (2006.01)

(87) WO2024/219978

(31) 20230435 (32) 21.04.23 (33) NO
20230521 04.05.23 NO

(43) 24.10.2024

(72) BORG, Eirik

(74) MBIP

(71) BAKER, M.A.

(11) AU-A-2024232392

(21) 2024232392 (22) 11.03.2024

(54) A DEVICE FOR REGULATING A PHYSIOLOGICAL TEMPERATURE AND METHODS OF USE THEREOF

(51) Int. Cl.
A61F 7/00 (2006.01)
A41B 9/00 (2006.01)
A41B 9/02 (2006.01)
A41D 1/00 (2018.01)
A41D 13/005 (2006.01)
A61F 7/02 (2006.01)
A63B 71/12 (2006.01)

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(74) Adams Pluck

(71) BAKER HUGHES OILFIELD OPERATIONS LLC

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(54) VENTURI CONTROLLED UNLOADING VALVE FOR GAS LIFT SYSTEM

(51) Int. Cl.
E21B 43/12 (2006.01)
E21B 34/08 (2006.01)
E21B 21/10 (2006.01)

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(72) BROWN, Donavan

(74) Patent Attorney Services

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(51) Int. Cl.
A63F 1/02 (2006.01)
A63F 1/06 (2006.01)

(87) WO2024/203181

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(72) GOTO Kohei; OGAWA Utano

(74) Davies Collison Cave Pty Ltd

(71) BASF CORPORATION

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(21) 2024248194 (22) 29.03.2024

(54) DECHLORINATION OF LIQUID AND GAS STREAMS FROM PLASTICS PYROLYSIS PROCESSES

(51) Int. Cl.
B01J 6/00 (2006.01)
B29B 17/04 (2006.01)
C10K 1/00 (2006.01)
C10G 25/03 (2006.01)

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(72) LANGE DE OLIVEIRA, Armin; MOONEY, Dana, Rehms; REHMS, Garrett, Dylan; REESINK, Bernard; HIEBER, Gisela; VITYUK, Artem, D.

(74) Griffith Hack

(71) BASF SE

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(54) AGRICULTURAL PRODUCT CERTIFICATION SYSTEM

(51) Int. Cl.
G06Q 10/10 (2023.01)
G06F 21/31 (2013.01)
G06F 21/33 (2013.01)
G06F 21/60 (2013.01)
G06F 21/64 (2013.01)
G06Q 30/018 (2023.01)
G06Q 50/02 (2024.01)
H04L 9/00 (2022.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)

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(54) HIGHLY INTEGRATED CAPROLACTAM RECYCLING PROCESS

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C07D 201/12 (2006.01)
B01J 19/00 (2006.01)

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C08F 2/22 (2006.01)
C08F 220/18 (2006.01)
C09D 133/08 (2006.01)
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(11) AU-A-2024249680
(21) 2024249680 (22) 27.03.2024
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(51) Int. Cl.
C08L 67/02 (2006.01)
C08L 67/04 (2006.01)
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G16H 20/17 (2018.01)
A61B 6/00 (2024.01)
A61B 6/50 (2024.01)
A61B 34/00 (2016.01)
A61M 5/00 (2006.01)
A61M 5/145 (2006.01)
G16H 40/63 (2018.01)
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A61K 41/00 (2020.01)
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A61K 51/00 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys
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G05D 1/69 (2024.01)
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(51) Int. Cl.
G01N 33/574 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(51) Int. Cl.
C22B 3/10 (2006.01)
C22B 3/06 (2006.01)
C22B 11/00 (2006.01)
C22B 15/00 (2006.01)
C22B 60/02 (2006.01)
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B01D 11/02 (2006.01)
B01J 19/10 (2006.01)
B01J 19/12 (2006.01)
B09B 3/30 (2022.01)
B09B 3/50 (2022.01)
C02F 11/12 (2019.01)
C08L 97/02 (2006.01)
C10L 5/44 (2006.01)
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C07K 16/28 (2006.01)
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A01N 37/10 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
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(51) Int. Cl.
C07D 309/10 (2006.01)
A61K 31/351 (2006.01)
A61P 3/10 (2006.01)
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(21) 2024229383 (22) 22.02.2024
(54) NEUROSTIMULATION DEVICE PROGRAMMING USING AGGREGATE PATIENT DATA
(51) Int. Cl.
A61N 1/36 (2006.01)
(87) WO2024/182203
(31) 63/449,368 (32) 02.03.23 (33) US
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(72) MOORE, Lisa Denise
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(54) NEUROSTIMULATION WITH PHASE OFFSET BETWEEN MODULATED PARAMETERS
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A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
G16H 40/63 (2018.01)
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(51) Int. Cl.
A61M 1/00 (2006.01)
A61B 1/00 (2006.01)
A61B 1/015 (2006.01)
A61B 1/307 (2006.01)
A61M 3/02 (2006.01)
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(54) DEVICE, METHOD AND SYSTEM FOR BUILDINGS WITH ELECTRIC DOOR INSTALLATIONS FOR REMOTE DIAGNOSIS AND REMOTE MAINTENANCE OF AN ELECTRIC DOOR INSTALLATION
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E05F 15/603 (2015.01)
E05F 15/70 (2015.01)
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(74) Spruson & Ferguson
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B60L 53/30 (2019.01)
B60L 53/51 (2019.01)
H02J 7/00 (2006.01)
H02J 7/35 (2006.01)
H02S 20/10 (2014.01)
H02S 20/20 (2014.01)
H02S 40/30 (2014.01)
H02S 40/38 (2014.01)
(87) WO2024/176193
(31) 2302580.2 (32) 23.02.23 (33) GB
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(74) Madderns Pty Ltd
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(51) Int. Cl.
B60L 53/30 (2019.01)
B60L 53/51 (2019.01)
H02J 7/00 (2006.01)
H02J 7/35 (2006.01)
H02S 20/10 (2014.01)
H02S 20/20 (2014.01)
H02S 40/30 (2014.01)
H02S 40/38 (2014.01)
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(51) Int. Cl.
H02S 20/20 (2014.01)
H02S 40/38 (2014.01)
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(72) BRIGGS, Maurice
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(21) 2024225709 (22) 25.02.2024
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(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/70 (2021.01)
H01M 8/0273 (2016.01)
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(31) 63/448,252 (32) 25.02.23 (33) US
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(72) BULLECKS, Brian, D.; SMIRNOV, Andrei, V.
(74) James & Wells Intellectual Property
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B63B 21/50 (2006.01)
B63B 21/20 (2006.01)
B63B 21/26 (2006.01)
F16G 11/05 (2006.01)
F16G 11/14 (2006.01)
B63B 35/44 (2006.01)
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(31) 2034334 (32) 13.03.23 (33) NL
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(72) VAN DER SCHUIT, Rinze Jan
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(21) 2024243507 (22) 04.04.2024
(54) SYSTEMS AND METHODS FOR LAUNCHING A MOBILE APPLICATION OR A BROWSER EXTENSION RESPONSIVE TO SATISFYING PREDETERMINED CONDITIONS

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G06Q 30/02 (2023.01)
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(43) 10.10.2024
(72) PICK, Daniel; ZAKI, Zainab;
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(51) Int. Cl.
G06Q 20/34 (2012.01)
(87) WO2024/215599
(31) 18/133,782 (32) 12.04.23 (33) US
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(72) NEWTON, Lesley; PICK, Daniel;
SMITH, Emily
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(21) 2024259019 (22) 09.04.2024
(54) SYSTEMS AND METHODS FOR PROVISIONING TRANSACTION CARDS TO MULTIPLE MERCHANTS
(51) Int. Cl.
G06Q 20/34 (2012.01)
G06Q 20/40 (2012.01)
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(31) 18/136,497 (32) 19.04.23 (33) US
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G06Q 20/34 (2012.01)
H04L 9/08 (2006.01)
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(31) 18/128,582 (32) 30.03.23 (33) US
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(54) METHOD, SYSTEM AND APPARATUS FOR LOCAL AND REMOTE MONITORING AND REMOTE CONTROL IN BUILDINGS AND THE LIKE
(51) Int. Cl.
G08B 21/18 (2006.01)

G06K 19/07 (2006.01)
G06Q 50/10 (2012.01)
G08B 21/12 (2006.01)
G08B 25/10 (2006.01)
G16Y 20/10 (2020.01)
G16Y 40/10 (2020.01)
H04W 4/029 (2018.01)
H04W 4/33 (2018.01)
H04W 4/80 (2018.01)
H04W 88/00 (2009.01)
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(72) HUTTER, Adalbert; TESANOVIC, Maksim
(74) LAMINAR IP PTY LTD

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(21) 2023433903 (22) 30.03.2023
(54) SINGLE-DOMAIN ANTIBODY SPECIFICALLY BINDING TO CLL1 PROTEIN, AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
A61K 49/00 (2006.01)
A61K 51/10 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/85 (2006.01)
G01N 33/574 (2006.01)
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(31) 202310173278.8 (32) 28.02.23 (33) CN
(43) 06.09.2024
(72) YANG, Xin; ZHU, Jiangao; YANG, Wenjun
(74) Madderns Pty Ltd

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(54) BETA-CARYOPHYLLENE FOR USE IN TREATING OR PREVENTING PERICARDITIS
(51) Int. Cl.
A61K 31/015 (2006.01)
A61P 9/00 (2006.01)
A61P 29/00 (2006.01)
C07C 13/32 (2006.01)
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(72) BOLTON, James Rhys; RISTEVSKI, Blagoja
(74) James & Wells Intellectual Property

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(11) AU-A-2024262170
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A61K 38/17 (2006.01)
A61K 9/00 (2006.01)
A61K 31/195 (2006.01)
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A61P 3/00 (2006.01)

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(43) 31.10.2024
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(11) AU-A-2024229562
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(54) ONCOSTATIN-M-BASED CHIMERIC ANTIGEN RECEPTOR (CAR)-IMMUNE CELLS
(51) Int. Cl.
A61K 38/05 (2006.01)
A61K 38/17 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
A61K 39/00 (2006.01)
C12N 15/09 (2006.01)
(87) WO2024/182803
(31) 63/487,919 (32) 02.03.23 (33) US
(43) 06.09.2024
(72) PARAMESWARAN, Reshmi; FEINBERG, Daniel
(74) Oxygene IP

(71) CATERPILLAR INC.
(11) AU-A-2024242682
(21) 2024242682 (22) 21.02.2024
(54) THUMB APPARATUS FOR GROUND ENGAGING WORK TOOL
(51) Int. Cl.
E02F 3/40 (2006.01)
(87) WO2024/205779
(31) 18/128,133 (32) 29.03.23 (33) US
(43) 03.10.2024
(72) THOMPSON, Mark W.
(74) Patent Attorney Services

(71) CATERPILLAR INC.
(11) AU-A-2024246113
(21) 2024246113 (22) 07.02.2024
(54) SYSTEMS AND METHODS FOR MANAGING ELECTRICAL POWER IN A WORKSITE
(51) Int. Cl.
B60L 7/10 (2006.01)
B60L 15/32 (2006.01)
B60L 50/15 (2019.01)
B60L 50/53 (2019.01)
B60L 50/60 (2019.01)
B60L 50/75 (2019.01)
B60L 53/62 (2019.01)
B60L 53/66 (2019.01)
B60L 53/67 (2019.01)
B60L 53/68 (2019.01)
B60L 58/14 (2019.01)
B60L 58/15 (2019.01)
(87) WO2024/205746
(31) 18/192,450 (32) 29.03.23 (33) US
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(72) GORMAN, Corey L.; BUNGE, Matthew A.; KISHIDA, Koji; FUNG, Andy M. C.;

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(71) CEREBRO PHARMA INC. (11) AU-A-2024249416 (21) 2024249416 (22) 25.03.2024 (54) AGENT AND METHOD FOR MAINTAINING OR IMPROVING CEREBRAL FUNCTION USING CRUDE DRUG (51) Int. Cl. A23L 33/105 (2016.01) A61K 36/185 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) (87) WO2024/204081 (31) 2023-048891 (32) 24.03.23 (33) JP (43) 03.10.2024 (72) TOMIYAMA, Takami; UMEDA, Tomohiro; MATSUDA, Kazunori (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd	(71) CHENGDU AODA BIOTECHNOLOGY CO., LTD (11) AU-A-2024251180 (21) 2024251180 (22) 03.04.2024 (54) LONG-ACTING K-OPIOID RECEPTOR AGONIST (51) Int. Cl. C07K 7/06 (2006.01) A61K 38/00 (2006.01) A61P 17/04 (2006.01) A61P 25/04 (2006.01) (87) WO2024/212866 (31) 202310371590.8 (32) 10.04.23 (33) CN (43) 17.10.2024 (72) ZHOU, Shuliang; WANG, Peng; DENG, Lan (74) MBIP	(71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD. (11) AU-A-2024250554 (21) 2024250554 (22) 08.04.2024 (54) CONDITIONAL HANDOVER METHOD, APPARATUS AND DEVICE (51) Int. Cl. H04W 36/00 (2009.01) (87) WO2024/212930 (31) 202310383327.0 (32) 12.04.23 (33) CN (43) 17.10.2024 (72) LIU, Xiaoman (74) Adams Pluck
(71) CHARLES RIVER LABORATORIES, INC. (11) AU-A-2024233856 (21) 2024233856 (22) 01.03.2024 (54) METHOD FOR IMPROVING GENETIC ENGINEERING OF ADOPTIVE CELL THERAPIES (51) Int. Cl. C12N 13/00 (2006.01) C12N 5/0783 (2010.01) C12N 5/0789 (2010.01) C12N 15/85 (2006.01) C12N 5/10 (2006.01) (87) WO2024/186638 (31) 63/488,354 (32) 03.03.23 (33) US (43) 12.09.2024 (72) PLEITEZ, Despina; JERBI, Terri; SCHEERS, Jade; CAMPION, Sarah; HEWITT, Matthew; SARGENT, Alex (74) WRAYS PTY LTD	(71) CHEVRON U.S.A. INC.; UNIVERSITY OF TULSA (11) AU-A-2023437902 (21) 2023437902 (22) 21.03.2023 (54) SYSTEMS AND METHODS FOR MEASURING HYDRATE DEPOSITION WITHIN A PIPELINE (51) Int. Cl. B08B 9/027 (2006.01) E03B 7/09 (2006.01) E03C 1/30 (2006.01) E21B 47/09 (2012.01) G01N 9/24 (2006.01) G01N 9/36 (2006.01) G01F 1/74 (2006.01) G01N 23/083 (2018.01) G01N 23/09 (2018.01) G01N 23/095 (2018.01) (87) WO2024/196416 (43) 26.09.2024 (72) ESTANGA, Douglas; KINI, Ramesh; VOLK, Michael; DELLECASE, Emmanuel (74) FPA Patent Attorneys Pty Ltd	(71) CHONGQING PHARSCIN INNOBIO CO., LTD. (11) AU-A-2024240088 (21) 2024240088 (22) 15.03.2024 (54) 1H-PYRROLE-2-AMIDE DERIVATIVE AND USE THEREOF (51) Int. Cl. C07D 401/12 (2006.01) A61K 31/40 (2006.01) A61K 31/4025 (2006.01) A61K 31/404 (2006.01) A61K 31/4155 (2006.01) A61K 31/4178 (2006.01) A61K 31/422 (2006.01) A61K 31/427 (2006.01) A61K 31/4353 (2006.01) A61K 31/4439 (2006.01) A61K 31/445 (2006.01) A61K 31/4525 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/5383 (2006.01) A61K 31/5386 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01) C07D 207/416 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/107 (2006.01) C07D 498/04 (2006.01) C07D 498/08 (2006.01) C07D 498/14 (2006.01) (87) WO2024/193472 (31) 202310264593.1 (32) 17.03.23 (33) CN (43) 26.09.2024 (72) YANG, Shengyong; LI, Linli (74) LexGeneris Pty Ltd
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(21) 2024257451 (22) 19.04.2024
(54) METHOD FOR PRODUCING CYCLIC PEPTIDE COMPOUND
(51) Int. Cl.
C07K 7/52 (2006.01)
C07K 1/02 (2006.01)
C07K 1/30 (2006.01)
C07K 1/34 (2006.01)
C07K 7/06 (2006.01)
C07K 7/64 (2006.01)
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(31) 2023-069189 (32) 20.04.23 (33) JP
(43) 24.10.2024
(72) HORIBE Takahiro; SHIINA Junichi; WANG Yinli; INOMATA Yuuki
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(71) CHUN, J.Y.
(11) AU-A-2024239718
(21) 2024239718 (22) 15.03.2024
(54) METHOD FOR SEARCHING TARGET IPS FOR TARGET ITEM AND COMPUTER DEVICE PERFORMING SAME
(51) Int. Cl.
G06Q 50/18 (2012.01)
G06F 16/9032 (2019.01)
G06F 21/10 (2013.01)
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G06F 40/30 (2020.01)
G06N 3/092 (2023.01)
G06N 20/00 (2019.01)
G06Q 30/06 (2023.01)
H04L 67/1097 (2022.01)
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(72) CHUN, Jong Yoon
(74) FB Rice Pty Ltd

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(54) PHARMACEUTICAL COMPOSITION OF ENSIFENTRINE WITH PHARMACEUTICALLY ACCEPTABLE PROPELLANTS
(51) Int. Cl.
A61K 31/517 (2006.01)
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A61P 11/00 (2006.01)
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(74) Wallington-Dummer Pty Ltd

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(54) A SCREW EXTRUDER AND A METHOD OF CONTROLLING EXTRUSION PRESSURE IN A SCREW EXTRUDER

(51) Int. Cl.
B21C 23/21 (2006.01)
B30B 11/24 (2006.01)
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(31) 20230198 (32) 28.02.23 (33) NO
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(72) NIELSEN, Øyvind; STEEN, Idar Kjetil; WERENSKIOLD, Jens Christofer
(74) Spruson & Ferguson

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(11) AU-A-2024255394
(21) 2024255394 (22) 12.04.2024
(54) MICROORGANISM WITH ENHANCED PYRUVATE DEHYDROGENASE COMPLEX DIHYDROLIPOYLLYSINE-RESIDUE ACETYLTRANSFERASE ACTIVITY AND METHOD FOR PRODUCING L-AMINO ACIDS USING SAME

(51) Int. Cl.
C12N 15/77 (2006.01)
C12N 9/10 (2006.01)
C12P 13/06 (2006.01)
C12P 13/10 (2006.01)
C12P 13/12 (2006.01)
C12P 13/14 (2006.01)
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(72) KIM, Ju Eun; LEE, Zeewon; KIM, Ye-Eun; LEE, Hanhyoung; HAN, Seunghee; PARK, Jinsub
(74) Griffith Hack

(71) CLEARNOTE HEALTH, INC.
(11) AU-A-2024239768
(21) 2024239768 (22) 22.03.2024
(54) CELL-FREE DNA ANALYSIS IN THE DETECTION AND MONITORING OF PANCREATIC CANCER USING A COMBINATION OF FEATURES
(51) Int. Cl.
C12Q 1/6886 (2018.01)
(87) WO2024/197287
(31) 63/491,738 (32) 22.03.23 (33) US
(43) 26.09.2024
(72) LEVY, Samuel; BERGAMASCHI, Anna; HAAN, David; GULER, Gulfem Dilek; FRIEDL, Verena; VOLKMUTH, Wayne
(74) FB Rice Pty Ltd

(71) CLUTTERBOT, INC.
(11) AU-A-2024228658
(21) 2024228658 (22) 29.02.2024
(54) ROBOT VACUUM SYSTEM WITH A SCOOP AND PUSHER ARMS
(51) Int. Cl.
A47L 7/00 (2006.01)
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(72) HAMILTON, Justin
(74) WRAYS PTY LTD

(71) COLORADO STATE UNIVERSITY RESEARCH FOUNDATION; AIGENE, INC.
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(21) 2024240270 (22) 20.03.2024
(54) SYSTEMS, COMPOSITIONS, AND METHODS FOR CANCER DNA DETECTION
(51) Int. Cl.
C12Q 1/6886 (2018.01)
C12Q 1/6809 (2018.01)
C12Q 1/6825 (2018.01)
G01N 33/48 (2006.01)
(87) WO2024/197034
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(72) RUSSO, Matthew; HENRY, Charles S.; TAUB, Floyd
(74) GLMR

(71) CONTROL SOLUTIONS, INC.
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(54) POUR-ON FORMULATION FOR CONTROLLING PESTS IN ANIMALS
(51) Int. Cl.
A01N 47/38 (2006.01)
A01P 7/04 (2006.01)
(87) WO2024/178357
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(43) 29.08.2024
(72) ROSS, Douglas Harold; PECK-PEARCE, J Chance; KNOX, Marie Ann; CARESPOLI, John
(74) Davies Collision Cave Pty Ltd

(71) CORMETECH, INC.
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(21) 2024245144 (22) 28.03.2024
(54) ADSORBER MODULES AND REACTORS FOR CAPTURE OF CARBON DIOXIDE
(51) Int. Cl.
B01D 53/02 (2006.01)
B01D 53/62 (2006.01)
(87) WO2024/206632
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(72) HOWELL, Eric, Baker; DI-FRANCESCO, Chris, E.; PRITCHARD, Scot
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) CORSAER HOLDING B.V.
(11) AU-A-2024257296
(21) 2024257296 (22) 08.04.2024
(54) AN OIL RECOVERY SYSTEM
(51) Int. Cl.
F16N 39/00 (2006.01)
C10M 101/00 (2006.01)
C10M 175/00 (2006.01)
F16C 1/00 (2006.01)
F16C 33/66 (2006.01)
F16N 7/40 (2006.01)
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(72) ARNTZ, Theodorus Petrus Maria

(74) Halfords IP

(71) CRINETICS PHARMACEUTICALS, INC.
(11) AU-A-2024253140
(21) 2024253140 (22) 03.04.2024
(54) MELANOCORTIN SUBTYPE-2 RECEPTOR (MC2R) ANTAGONIST FOR THE TREATMENT OF ACTH-DEPENDENT CUSHING'S SYNDROME
(51) Int. Cl.
A61K 31/17 (2006.01)
A61K 31/16 (2006.01)
A61K 31/44 (2006.01)
A61K 31/496 (2006.01)
C07D 241/04 (2006.01)
C07D 405/14 (2006.01)
A61P 5/00 (2006.01)
C07D 241/02 (2006.01)
C07D 413/14 (2006.01)

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(31) 63/457,144 (32) 05.04.23 (33) US
(43) 10.10.2024
(72) TRAINER, Peter; KRASNER, Alan S.;
LUO, Sha
(74) FB Rice Pty Ltd

(71) CTC - CENTRO DE TECNOLOGIA
CANAVEIRA S.A.
(11) AU-A-2024242131
(21) 2024242131 (22) 28.03.2024
(54) RECOMBINANT AND MODIFIED CRY
PROTEINS FOR CONTROLLING IN-
SECT PESTS
(51) Int. Cl.
C07K 14/325 (2006.01)
A01N 37/18 (2006.01)
C12N 15/62 (2006.01)
A61K 47/66 (2017.01)

(87) WO2024/201369
(31) 63/493,433 (32) 31.03.23 (33) US
(43) 03.10.2024
(72) DRESSANO, Keini; CAMILO, Cesar
Moisés; BUENO DE SOUZA, Cesar;
CECILIANO, Paulo Henrique de Oliveira
(74) Pearce IP Pty Ltd

(71) CTC - CENTRO DE TECNOLOGIA
CANAVIEIRA S.A.
(11) AU-A-2024245952
(21) 2024245952 (22) 28.03.2024
(54) RECOMBINANT CRY PROTEIN FOR
CONTROLLING INSECT PESTS
(51) Int. Cl.
A01N 63/23 (2020.01)
C07K 14/325 (2006.01)
C12N 15/82 (2006.01)
(87) WO2024/201384
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(43) 03.10.2024
(72) DRESSANO, Keini; CECILIATO, Paulo
Henrique de Oliveira; NETO. Anto-

(74) nio Adalberto Kaupert; SAONCELLA,
Alinne Lozano
(74) Pearce IP Pty Ltd

(71) CTC - CENTRO DE TECNOLOGIA
CANAVIEIRA S.A.
(11) AU-A-2024247363
(21) 2024247363 **(22)** 28.03.2024
(54) RECOMBINANT AND CHIMERIC
PROTEIN FOR CONTROLLING IN-
SECT PESTS
(51) Int. Cl.
C07K 14/325 (2006.01)
A01N 63/50 (2020.01)
C12N 15/82 (2006.01)
(87) WO2024/201371
(31) 63/493,661 **(32)** 31.03.23 **(33)** US
(43) 03.10.2024
(72) DRESSANO, Keini; CAMILO, Cesar
Moisés; CECILIATO, Paulo Henrique
de Oliveira
(74) Pearce IP Pty Ltd

(71) CTC - CENTRO DE TECNOLOGIA
CANAVIEIRA S.A.
(11) AU-A-2024247796
(21) 2024247796 (22) 28.03.2024
(54) MODIFIED FUSION PROTEIN FOR
CONTROLLING INSECT PESTS
(51) Int. Cl.
A01N 63/23 (2020.01)
C07K 14/325 (2006.01)
C12N 15/82 (2006.01)

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(72) DRESSANO, Keini; CAMILO, Cesar
Moisés; CECILIATO, Paulo Henrique
de Oliveira; NETO, Antonio Adalberto
Kaupert; SAONCELLA, Alinne Lozano
(74) Pearce IP Pty Ltd

(71) CTC - CENTRO DE TECNOLOGIA
CANAVIEIRA S.A.
(11) AU-A-2024249429
(21) 2024249429 (22) 28.03.2024
(54) MODIFIED FUSION PROTEIN FOR
CONTROLLING INSECT PESTS
(51) Int. Cl.
C07K 14/325 (2006.01)
A01P 7/04 (2006.01)
C12N 15/82 (2006.01)
A01N 63/50 (2020.01)

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(72) DRESSANO, Keini; CAMILO, Cesar
Moisés; CECILIATO, Paulo Henrique
de Oliveira
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(71) CULLINAN THERAPEUTICS, INC.
(11) AU-A-2024253099
(21) 2024253099 (22) 06.04.2024
(54) METHODS OF USE OF MULTI-SPE-
CIFIC BINDING PROTEINS
(51) Int. Cl.

C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/04 (2006.01)
C07K 16/46 (2006.01)
G01N 15/14 (2024.01)
G01N 33/554 (2006.01)

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(72) MICHAELSON, Jennifer; MEHTA, Naveen; BAEUERLE, Patrick; MEET-ZE, Kristan

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(71) DAIWA CAN COMPANY
(11) AU-A-2024247069
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(54) CAN LID AND CAN CONTAINER
(51) Int. Cl.
B65D 17/40 (2006.01)
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(72) SHIOTANI, Masahiro; MIYASHITA, Rio;
MURAKAMI, Tomoyuki
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(71) DAVIS, J.
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 (54) PROCESS FOR EXTRACTION OF
 ADENOSINE TRIPHOSPHATE (ATP)
 FROM PLANT MATERIAL
 (51) Int. Cl.
C07H 19/20 (2006.01)
A61K 31/7076 (2006.01)
A61K 36/31 (2006.01)
A61K 36/36 (2006.01)
C07H 1/08 (2006.01)
C12P 19/02 (2006.01)
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 (72) DAVIS, Jonathan
 (74) mdp Patent and Trade Mark Attorneys

(71) DEEPCURE INC.
(11) AU-A-2023441673
(21) 2023441673 (22) 09.05.2023
(54) ELECTRODE APPARATUS FOR
BLOCKING OR CONTROLLING
NERVES INSIDE BODY AND SURGIC-
AL ROBOT USING SAME
(51) Int. Cl.
A61B 18/14 (2006.01)
A61B 17/00 (2006.01)
A61B 18/00 (2006.01)
A61B 34/30 (2016.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)

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YOON, Young Il; KIM, Kee Wan; PARK,
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(74) Baxter Patent Attorneys Pty Ltd

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(54) ELECTRODE DEVICE FOR BLOCK-
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A61B 18/12 (2006.01)
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C12M 1/24 (2006.01)
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C04B 22/14 (2006.01)
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C04B 22/10 (2006.01)
C04B 24/04 (2006.01)
C04B 28/02 (2006.01)
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(54) BONE PLATES, AND RELATED SYS-
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A61B 17/72 (2006.01)
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G06Q 10/08 (2024.01)
B65G 1/137 (2006.01)
B66F 9/06 (2006.01)
G06Q 10/087 (2023.01)
B25J 5/00 (2006.01)
B25J 9/00 (2006.01)
B25J 9/16 (2006.01)
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D06N 3/00 (2006.01)
C08G 77/12 (2006.01)
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H02M 7/04 (2006.01)
H02M 7/219 (2006.01)
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B65F 1/06 (2006.01)
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G06N 3/045 (2023.01)
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G10L 21/0232 (2013.01)
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G05G 1/00 (2008.04)
G06F 3/01 (2006.01)
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G06F 16/33 (2019.01)
G06F 16/332 (2019.01)
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G06Q 10/0633 (2023.01)
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A61B 90/00 (2016.01)
B25B 23/14 (2006.01)
B25B 23/142 (2006.01)
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C07D 217/16 (2006.01)
A61K 31/395 (2006.01)
A61P 9/00 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
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C07D 401/14 (2006.01)
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C07D 487/14 (2006.01)
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(54) TILED COLLIMATOR ARRAY
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G02B 6/293 (2006.01)
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H01S 3/067 (2006.01)
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A61K 8/9789 (2017.01)
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B21D 31/04 (2006.01)
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G06T 7/00 (2017.01)
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G06Q 50/06 (2024.01)
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(54) BALLOON DILATION DEVICES, METHODS OF USE, AND METHODS OF MANUFACTURE
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A61B 17/24 (2006.01)
A61B 34/20 (2016.01)
A61M 25/10 (2013.01)
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A61K 9/107 (2006.01)
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A61K 31/122 (2006.01)
A61K 47/14 (2017.01)
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G06N 10/70 (2022.01)
H03M 13/15 (2006.01)
H03M 13/37 (2006.01)
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C01B 32/354 (2017.01)
H01M 4/13 (2010.01)

H01M 4/62 (2006.01)
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C12Q 1/6876 (2018.01)
C12N 5/00 (2006.01)
C12P 21/00 (2006.01)
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(54) DLL3 ANTIBODY-DRUG CONJUGATES AND USES THEREOF
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A61K 47/68 (2017.01)
A61K 47/22 (2006.01)
A61P 35/00 (2006.01)
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C04B 18/04 (2006.01)

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FOR PREVENTING OR TREATING
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C12N 15/113 (2010.01)
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A61C 7/10 (2006.01)
A61C 8/00 (2006.01)
A61B 17/02 (2006.01)
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(51) Int. Cl.
H01R 4/38 (2006.01)
H01R 4/48 (2006.01)
H01R 11/14 (2006.01)
H02G 1/02 (2006.01)
F16B 2/12 (2006.01)
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B27K 5/00 (2006.01)
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G02B 7/00 (2021.01)
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B01D 21/30 (2006.01)
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C02F 1/00 (2023.01)
C02F 9/00 (2023.01)
C02F 1/74 (2023.01)
C02F 3/06 (2023.01)
C02F 3/32 (2023.01)
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E01C 13/08 (2006.01)
E02B 11/00 (2006.01)
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A61P 35/00 (2006.01)
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A61K 31/7105 (2006.01)
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A23B 70/10 (2025.01)
A23L 2/52 (2006.01)
A23L 2/56 (2006.01)
A23L 27/00 (2016.01)
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G16C 60/00 (2019.01)
G06Q 50/00 (2024.01)
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G06Q 50/50 (2024.01)
G06F 3/048 (2013.01)
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H04L 51/04 (2022.01)
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G06Q 30/06 (2023.01)
A61B 34/10 (2016.01)
A61C 9/00 (2006.01)
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G06T 7/90 (2017.01)
G06V 10/56 (2022.01)
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H02H 3/08 (2006.01)
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H02H 5/04 (2006.01)
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H02H 7/22 (2006.01)
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A61K 47/00 (2006.01)
A61K 47/50 (2017.01)
A61P 31/00 (2006.01)
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C07K 7/00 (2006.01)
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G06N 20/00 (2019.01)
G06F 21/55 (2013.01)
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(51) Int. Cl.
A63B 69/12 (2006.01)
E04H 4/00 (2006.01)
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(72) HOF, Georg
(74) Halfords IP

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A61F 5/44 (2006.01)
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SYSTEMS FOR SELECTING A PAIR
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A01N 37/10 (2006.01)
A01N 37/38 (2006.01)
A01N 39/00 (2006.01)
A01N 43/68 (2006.01)
C05G 3/60 (2020.01)
C07D 251/48 (2006.01)
C07D 487/14 (2006.01)
A01N 41/06 (2006.01)
A01N 43/653 (2006.01)
A01N 43/90 (2006.01)
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A61K 47/40 (2006.01)
A61K 47/69 (2017.01)
A61P 31/04 (2006.01)
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A61B 5/155 (2006.01)
A61J 1/12 (2006.01)
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C12N 9/02 (2006.01)
C12N 9/08 (2006.01)
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G16B 20/10 (2019.01)
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A61K 31/045 (2006.01)
A61K 31/445 (2006.01)
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C07K 14/605 (2006.01)
A61P 3/04 (2006.01)
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A61P 25/28 (2006.01)
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E04G 9/04 (2006.01)
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E04G 17/00 (2006.01)
G01L 9/00 (2006.01)
G01L 9/04 (2006.01)
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G01M 99/00 (2011.01)
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C09B 67/42 (2006.01)
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A01N 65/20 (2009.01)
C07D 307/54 (2006.01)
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G07C 9/00 (2020.01)
E05B 43/00 (2006.01)
G05B 19/00 (2006.01)
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C01G 49/00 (2006.01)
C01B 3/08 (2006.01)
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A61K 36/00 (2006.01)
A61P 3/04 (2006.01)
A61K 45/06 (2006.01)
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E04B 1/94 (2006.01)
E04D 3/35 (2006.01)
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E04B 5/40 (2006.01)
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A23L 7/109 (2016.01)
A23L 11/00 (2021.01)
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A47K 10/16 (2006.01)
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E05D 7/081 (2006.01)
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A61K 47/64 (2017.01)
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A61B 17/17 (2006.01)
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B60L 58/40 (2019.01)
B60P 1/04 (2006.01)
H01M 8/00 (2016.01)
H01M 8/04228 (2016.01)
H01M 8/04303 (2016.01)
H01M 8/04537 (2016.01)
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 (54) CASE, PROBE, AND INFORMATION ACQUISITION METHOD
 (51) Int. Cl.
G01V 1/00 (2024.01)
B64U 10/13 (2023.01)
C08G 63/06 (2006.01)
C08L 101/16 (2006.01)
B64U 101/35 (2023.01)
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B66C 23/64 (2006.01)
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C23C 4/11 (2016.01)
C23C 4/06 (2016.01)
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H01T 19/04 (2006.01)
H02G 13/00 (2006.01)
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C01B 7/01 (2006.01)
C02F 1/461 (2023.01)
C25B 1/04 (2021.01)
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OPERATING A RIDE OF THIS TYPE
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A63G 7/00 (2006.01)
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A22B 5/20 (2006.01)
B26B 25/00 (2006.01)
B26D 1/14 (2006.01)
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C12N 15/13 (2006.01)
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C04B 7/02 (2006.01)
C04B 14/10 (2006.01)
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C07F 5/02 (2006.01)
C07C 45/42 (2006.01)
C07C 49/687 (2006.01)
C07D 317/72 (2006.01)
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G01D 18/00 (2006.01)
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A61K 39/12 (2006.01)
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C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) TOOLBOX SYSTEM
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B25H 3/02 (2006.01)
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(71) NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM (11) AU-A-2024231960 (21) 2024231960 (22) 08.03.2024 (54) MIRROR DEVICE, OPTICAL DEVICE, AND LASER NUCLEAR FUSION REACTOR (51) Int. Cl. G21K 1/06 (2006.01) G02B 5/08 (2006.01) G02B 5/10 (2006.01) G02B 17/06 (2006.01) G02B 21/00 (2006.01) G02B 23/00 (2006.01) G21K 1/00 (2006.01) (87) WO2024/185886 (31) 2023-036579 (32) 09.03.23 (33) JP 2023-074850 28.04.23 JP (43) 12.09.2024 (72) INOUE Takato; MATSUYAMA Satoshi (74) PHILLIPS ORMONDE FITZPATRICK	(71) NETFLIX, INC. (11) AU-A-2024262440 (21) 2024262440 (22) 26.04.2024 (54) SYSTEMS AND METHODS FOR SIMULATING WEB TRAFFIC ASSOCIATED WITH AN UNLAUNCHED WEB FEATURE (51) Int. Cl. G06F 11/30 (2006.01) G06F 11/34 (2006.01) G06F 11/36 (2006.01) (87) WO2024/226984 (31) 63/498,695 (32) 27.04.23 (33) US 63/499,093 28.04.23 US 18/622,818 29.03.24 US (43) 31.10.2024 (72) GALA, Shyam Bharat; FERNANDEZ, Jose Raul; BARKER, Edward Henry; JACOBS, Henry Joseph, IV; FERNANDEZ-IVERN, Javier; PRATAP, Anup Rokkam; SHAH, Devang; SHIKHARE, Tejas C. (74) FPA Patent Attorneys Pty Ltd	(71) NEW-TEC INTEGRATION (XIAMEN) CO., LTD. (11) AU-A-2024240131 (21) 2024240131 (22) 21.03.2024 (54) SPRING UNIT, SPRING ASSEMBLY, AND SPRING CUSHION (51) Int. Cl. A47C 27/06 (2006.01) (87) WO2024/193653 (31) 202310290019.3 (32) 23.03.23 (33) CN (43) 26.09.2024 (72) LENG, Luhao (74) SOLIS IP PTY LTD
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(71) NETFLIX, INC. (11) AU-A-2024238469	(71) NEWRON PHARMACEUTICALS S.P.A. (11) AU-A-2024262511 (21) 2024262511 (22) 24.04.2024 (54) CRYSTALLINE FORMS OF EVENAMIDE (51) Int. Cl. C07C 231/22 (2006.01) A61K 31/165 (2006.01) A61P 25/18 (2006.01) C07C 237/06 (2006.01) (87) WO2024/223671	(71) NEXNOA GMBH (11) AU-A-2024234663 (21) 2024234663 (22) 08.03.2024 (54) METHOD FOR PRODUCING A TEXTURATE AND EXTRUDER ASSEMBLY (51) Int. Cl. A23J 3/14 (2006.01) A23J 3/22 (2006.01) A23J 3/26 (2006.01) A23P 30/20 (2016.01) A23P 30/34 (2016.01) B29C 48/30 (2019.01) B29C 48/345 (2019.01) B29C 48/80 (2019.01) B29C 48/875 (2019.01) (87) WO2024/188905 (31) 10 2023 106 026.0 (32) 10.03.23 (33) DE (43) 19.09.2024 (72) EMIN, Azad (74) PHILLIPS ORMONDE FITZPATRICK
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B01D 53/40 (2006.01)
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 (72) FURUKAWA Shinya; TOKUDA Kohei;
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H04S 7/00 (2006.01)
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 PANUSOPONE, Krit
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(54) APPARATUS AND METHOD FOR PROCESSING FOOD PRODUCTS
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B65G 43/00 (2006.01)
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(72) STEFFENS, Alexander; HANSEN, Hendrik
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** NOSONGREQUESTS.COM, INC.
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(51) Int. Cl.
G06F 3/0484 (2022.01)
G06F 16/632 (2019.01)
G06F 16/635 (2019.01)
G06Q 20/08 (2012.01)
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(72) MANNING, Lincoln
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(51) Int. Cl.
A61K 9/00 (2006.01)
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(21) 2024253533 **(22)** 05.04.2024
(54) SYSTEMS AND METHODS FOR GENERATING AN ACCURATE ULTRASONIC IMPULSE FOR A HIGH-RESOLUTION ULTRASONIC IMAGING CATHETER
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B06B 1/02 (2006.01)
A61B 8/00 (2006.01)
A61B 8/12 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
A61B 8/12 (2006.01)
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A61K 31/4745 (2006.01)
A61K 38/07 (2006.01)
A61K 39/395 (2006.01)
A61K 47/55 (2017.01)
C07D 491/22 (2006.01)
C07K 5/037 (2006.01)
A61P 35/00 (2006.01)
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G06Q 10/047 (2023.01)
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C12N 9/64 (2006.01)
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(54) SYSTEMS AND METHODS FOR LINKING DEVICES AND PROTECTING DATA
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H04L 41/12 (2022.01)
H04L 9/40 (2022.01)
H04L 12/28 (2006.01)
H04W 12/00 (2021.01)
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A61K 36/899 (2006.01)
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B01L 3/00 (2006.01)
B08B 3/00 (2006.01)
B08B 3/02 (2006.01)
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A61K 48/00 (2006.01)
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- A61K 31/496 (2006.01)
A61K 9/00 (2006.01)
A61P 25/18 (2006.01)
(87) WO2024/225441
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(74) Davies Collison Cave Pty Ltd
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- (71) OURA HEALTH OY
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(21) 2023443249 (22) 27.03.2023
(54) A SYSTEM, A WEARABLE DEVICE AND A METHOD FOR DETERMINING BLOOD PRESSURE BASED ON A RELATIVE TIMING OF PULSES
(51) Int. Cl.
A61B 5/021 (2006.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
(87) WO2024/205567
(31) 18/189,888 (32) 24.03.23 (33) US
(43) 03.10.2024
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(74) Spruson & Ferguson
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- (71) OWENS CORNING INTELLECTUAL CAPITAL, LLC
(11) AU-A-2024245729
(21) 2024245729 (22) 26.03.2024
(54) BARRIER COATING COMPOSITION FOR USE IN MANUFACTURING INSULATION PRODUCTS WITH REDUCED HALOGENATED BLOWING AGENTS
(51) Int. Cl.
C08J 9/12 (2006.01)
C08J 9/14 (2006.01)
C08J 9/36 (2006.01)
(87) WO2024/206326
(31) 63/492,391 (32) 27.03.23 (33) US
63/520,359 18.08.23 US
(43) 03.10.2024
(72) BOUDREAUX, Chase; THOMAS, Jeff; WEEKLEY, Mitchell; HEPPE, Christine; FRAZIER, Laura; ROGERS, Ty; SALGADO, Saul
(74) Davies Collison Cave Pty Ltd
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- (71) OWENS CORNING INTELLECTUAL CAPITAL, LLC
(11) AU-A-2024254248
(21) 2024254248 (22) 26.03.2024
(54) BARRIER COATING COMPOSITION FOR USE IN MANUFACTURING INSULATION PRODUCTS WITH IMPROVED THERMAL INSULATION
(51) Int. Cl.
C09D 109/06 (2006.01)
C09D 127/08 (2006.01)
C09D 129/04 (2006.01)
C09D 175/04 (2006.01)
(87) WO2024/206327
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- (31) 63/492,388 (32) 27.03.23 (33) US
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(43) 03.10.2024
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(74) Spruson & Ferguson
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(11) AU-A-2024240129
(21) 2024240129 (22) 18.03.2024
(54) ANTI-PHOSPHOCHOLINE ANTIBODIES AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 9/10 (2006.01)
(87) WO2024/194686
(31) 63/452,798 (32) 17.03.23 (33) US
(43) 26.09.2024
(72) BURCKERT, Jean-philippe; VOUSDEN, Katherine
(74) Adams Pluck
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- (71) PARADIGM FLOW SERVICES LIMITED
(11) AU-A-2024224117
(21) 2024224117 (22) 23.02.2024
(54) APPARATUS, SYSTEM AND METHOD FOR USE IN ARTIFICIAL LIFT OPERATIONS
(51) Int. Cl.
E21B 17/20 (2006.01)
E21B 19/22 (2006.01)
E21B 33/04 (2006.01)
E21B 43/12 (2006.01)
(87) WO2024/175922
(31) 2302739.4 (32) 24.02.23 (33) GB
(43) 29.08.2024
(72) KEOGH, Kevin
(74) FPA Patent Attorneys Pty Ltd
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- (71) PEARSON EDUCATION, INC.
(11) AU-A-2024228382
(21) 2024228382 (22) 01.03.2024
(54) SYSTEM AND METHOD FOR ARTIFICIAL INTELLIGENCE-BASED LANGUAGE SKILL ASSESSMENT AND DEVELOPMENT USING AVATARS
(51) Int. Cl.
G09B 5/08 (2006.01)
G09B 7/02 (2006.01)
G09B 19/06 (2006.01)
(87) WO2024/182729
(31) 63/449,601 (32) 02.03.23 (33) US
63/548,523 14.11.23 US
(43) 06.09.2024
(72) GOGIN, Ilya; REILLY, Sion; ILIESCU, Alexandru
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) PEARSON EDUCATION, INC.
(11) AU-A-2024229695
(21) 2024229695 (22) 01.03.2024
(54) SYSTEM AND METHOD FOR LANGUAGE SKILL DEVELOPMENT US-

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Int. Cl.
G09B 5/08 (2006.01)
G09B 7/02 (2006.01)
G09B 19/06 (2006.01)
(87) WO2024/182733
(31) 63/449,601 (32) 02.03.23 (33) US
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(43) 06.09.2024
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) PERSONAL GENOME DIAGNOSTICS, INC.
(11) AU-A-2024259599
(21) 2024259599 (22) 17.04.2024
(54) CANCER DETECTION THROUGH INTEGRATED ANALYSIS OF WHOLE GENOME SEQUENCING
(51) Int. Cl.
G16B 20/00 (2019.01)
C12Q 1/68 (2018.01)
(87) WO2024/220594
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(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2024240208 (22) 14.03.2024
(54) DETERMINING ANGLE GATHERS FROM INVERSION OF VELOCITY AND REFLECTIVITY OF A SUBTERRANEAN FORMATION
(51) Int. Cl.
G01V 1/28 (2006.01)
G01V 1/30 (2006.01)
G01V 1/38 (2006.01)
(87) WO2024/194150
(31) 63/452,777 (32) 17.03.23 (33) US
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(43) 26.09.2024
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(74) WRAYS PTY LTD
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- (71) PHENONET, INC.
(11) AU-A-2024243131
(21) 2024243131 (22) 03.04.2024
(54) GENOTYPE-SPECIFIC METHODS AND SYSTEMS FOR TREATMENT OF NEURODEGENERATIVE DISEASE
(51) Int. Cl.
A61K 31/5415 (2006.01)
A61K 31/13 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
(87) WO2024/211451
(31) 63/494,064 (32) 04.04.23 (33) US
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- (43) 10.10.2024
(72) ELMALEH, David R.
(74) Spruson & Ferguson
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- (71) PINOTBIO, INC.
(11) AU-A-2024264475
(21) 2024264475 (22) 29.04.2024
(54) ANTIBODY-DRUG CONJUGATE IN WHICH ONE OR MORE DRUG-LINKER CONJUGATES ARE LINKED TO ANTIBODY AND METHOD FOR PREPARING SAME
(51) Int. Cl.
A61K 47/68 (2017.01)
(87) WO2024/225848
(31) 10-2023-0055967 (32) 28.04.23 (33) KR
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(72) JUNG, Doo Young; LEE, Byeong Sung
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(11) AU-A-2024310675
(21) 2024310675 (22) 01.07.2024
(54) NOVEL HEMIASTERLIN DERIVATIVE AND USE THEREOF
(51) Int. Cl.
C07C 237/22 (2006.01)
C07C 231/12 (2006.01)
(87) WO2025/005765
(31) 10-2023-0084458 (32) 29.06.23 (33) KR
(43) 02.01.2025
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- (71) PRAESIDIA BIOTHERAPEUTICS INC.
(11) AU-A-2024238803
(21) 2024238803 (22) 22.03.2024
(54) PRODRUGS, PRODRUG COMPOSITIONS AND RELATED METHODS
(51) Int. Cl.
A61P 35/04 (2006.01)
C07C 251/84 (2006.01)
(87) WO2024/197247
(31) 63/491,873 (32) 23.03.23 (33) US
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(72) AMAN, Ahmed Masud; MAJUMDER, Pradip Kumar; SHIRIN, Salma; CHATTERJEE, Sohang
(74) Davies Collision Cave Pty Ltd
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- (71) PRAMANA, INC.
(11) AU-A-2024247873
(21) 2024247873 (22) 01.02.2024
(54) SYSTEM AND METHOD FOR VISUALIZATION OF DIGITIZED SLIDES
(51) Int. Cl.
G16H 10/40 (2018.01)
G06T 7/00 (2017.01)
G16H 30/40 (2018.01)
(87) WO2024/205728
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- (71) PRECISION PLANTING LLC
(11) AU-A-2024261068
(21) 2024261068 (22) 27.03.2024
(54) LIQUID DISTRIBUTION SYSTEMS, CROP SPRAYERS, AND RELATED METHODS
(51) Int. Cl.
A01M 7/00 (2006.01)
(87) WO2024/224188
(31) 63/499,162 (32) 28.04.23 (33) US
(43) 31.10.2024
(72) GRAY, Tanner; PLATTNER, Chad E.; FRANK, William
(74) Griffith Hack
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- (71) PRONOE
(11) AU-A-2024225295
(21) 2024225295 (22) 19.02.2024
(54) DEVICE AND METHOD FOR CAPTURING AND STORING ATMOSPHERIC CARBON DIOXIDE
(51) Int. Cl.
B01D 53/62 (2006.01)
B01D 53/77 (2006.01)
C02F 9/00 (2023.01)
C02F 1/44 (2023.01)
C02F 1/469 (2023.01)
C02F 1/52 (2023.01)
C02F 1/66 (2023.01)
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(43) 29.08.2024
(72) BUCETA, Juan; SDEZ, Nicolas
(74) AJ PARK
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(11) AU-A-2024252798
(21) 2024252798 (22) 12.03.2024
(54) A FERMENTATION-PRODUCED PROPIONATE POWDER, PROCESS OF PRODUCING IT, METHOD OF PRESERVING A FOOD PRODUCT OR COSMETIC PRODUCT, FOOD PRODUCT OR COSMETIC PRODUCT
(51) Int. Cl.
A23B 2/783 (2025.01)
A61K 8/99 (2017.01)
(87) WO2024/213330
(31) 23168034.9 (32) 14.04.23 (33) EP
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(43) 17.10.2024
(72) BRECH, Michael; GUILBOT, Nicolas Jean Yves; KUMARARAJAN, Mugesh; VELDEN, Roel Johannes Adrianus van der; WIMALASENA, Tithira Tirangika
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(11) AU-A-2024252781

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(54) LANDFILL PUMP HAVING METERED CYCLING
(51) Int. Cl.
F04B 53/10 (2006.01)
F04F 1/08 (2006.01)
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(31) 63/458,187 (32) 10.04.23 (33) US
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(72) LINDQUIST, Michael, K.; ANSTADT, Hunter, C.; WEINBERGER, Mark, T.; ALLEN III, William, C.
(74) Spruson & Ferguson

(71) QINETIQ LIMITED
(11) AU-A-2024242709
(21) 2024242709 (22) 26.03.2024
(54) METHODS FOR POLYMER MATERIALS
(51) Int. Cl.
C09D 183/16 (2006.01)
(87) WO2024/200445
(31) 2305401.8 (32) 30.03.23 (33) GB
(43) 03.10.2024
(72) SEABRIGHT, Ryan
(74) Davies Collison Cave Pty Ltd

(71) QUALCOMM INCORPORATED
(11) AU-A-2024258597
(21) 2024258597 (22) 26.02.2024
(54) SPECULATIVE DECODING IN AUTOREGRESSIVE GENERATIVE ARTIFICIAL INTELLIGENCE MODELS
(51) Int. Cl.
G06N 3/045 (2023.01)
G06F 40/284 (2020.01)
G06N 3/047 (2023.01)
(87) WO2024/220144
(31) 63/460,850 (32) 20.04.23 (33) US
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(43) 24.10.2024
(72) LOTT, Christopher; LEE, Mingu; JEON, Wonseok; MEMISEVIC, Roland
(74) Madderns Pty Ltd

(71) QUALCOMM INCORPORATED
(11) AU-A-2024285254
(21) 2024285254 (22) 06.06.2024
(54) QUANTIZATION OFFSETS FOR DEPENDENT QUANTIZATION IN VIDEO CODING
(51) Int. Cl.
H04N 19/126 (2014.01)
H04N 19/176 (2014.01)
(87) WO2024/254314
(31) 63/507,371 (32) 09.06.23 (33) US
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(43) 12.12.2024
(72) KARCZEWICZ, Marta; COBAN, Muhammed Zeyd; NIKITIN, Pavel
(74) Madderns Pty Ltd

(71) QUEST DIAGNOSTICS INVESTMENTS LLC
(11) AU-A-2024239885
(21) 2024239885 (22) 15.03.2024

(54) IMPROVED QUANTITATION OF TESTOSTERONE IN MULTIPLEXED SAMPLES BY MASS SPECTROMETRY
(51) Int. Cl.
G01N 33/68 (2006.01)
G01N 33/74 (2006.01)
(87) WO2024/196732
(31) 63/452,839 (32) 17.03.23 (33) US
(43) 26.09.2024
(72) WU, Zengru; MCPHAUL, Michael J.; GHOSHAL, Amit K.; YUAN, Chao; WEI, Bin
(74) Spruson & Ferguson

(71) QUEST DIAGNOSTICS INVESTMENTS LLC
(11) AU-A-2024247888
(21) 2024247888 (22) 29.03.2024
(54) METHODS FOR QUANTITATION OF ADIPONECTIN BY MASS SPECTROMETRY
(51) Int. Cl.
G01N 33/74 (2006.01)
G01N 33/68 (2006.01)
(87) WO2024/206847
(31) 63/456,271 (32) 31.03.23 (33) US
(43) 03.10.2024
(72) COLLIER, Timothy S.; KHAN, Jack I.
(74) Spruson & Ferguson

(71) R.P. SCHERER TECHNOLOGIES, LLC
(11) AU-A-2024250119
(21) 2024250119 (22) 12.04.2024
(54) SYSTEMS AND METHODS FOR PROVIDING OPTIMAL PROCESS PARAMETERS FOR FLUID BED GRANULATION SYSTEMS
(51) Int. Cl.
B01J 2/16 (2006.01)
A61K 9/16 (2006.01)
(87) WO2024/216000
(31) 18/300,905 (32) 14.04.23 (33) US
(43) 17.10.2024
(72) ABEDINI, Amin; HOLLIS, Christin
(74) Spruson & Ferguson

(71) RACTIGEN THERAPEUTICS
(11) AU-A-2024224435
(21) 2024224435 (22) 23.02.2024
(54) OLIGONUCLEOTIDE TARGETING SOD1
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
(87) WO2024/175087
(31) PCT/ CN2023/078269 (32) 24.02.23 (33) CN
(43) 29.08.2024
(72) LI, Longcheng; KANG, Moorim
(74) Davies Collison Cave Pty Ltd

(71) RADIOMEDIX, INC.
(11) AU-A-2024432652
(21) 2024432652 (22) 01.04.2024
(54) AUTOMATED METHOD AND DEVICE FOR PRODUCTION OF LEAD

212 FOR USE IN TARGETED ALPHA-PARTICLE THERAPY
(51) Int. Cl.
C22B 3/24 (2006.01)
C22B 13/06 (2006.01)
(87) WO2025/188324
(31) 63/493,139 (32) 30.03.23 (33) US
(43) 11.09.2025
(72) DELPASSAND, Ebrahim; TWOROWSKA, Izabela; JAKSIK, Jared
(74) RnB IP

(71) REFLEXION MEDICAL, INC.
(11) AU-A-2024245187
(21) 2024245187 (22) 27.03.2024
(54) METHODS FOR REAL-TIME TARGET AND ORGANS-AT-RISK MONITORING FOR RADIOTHERAPY
(51) Int. Cl.
A61N 5/10 (2006.01)
A61B 5/055 (2006.01)
A61B 6/00 (2024.01)
A61B 6/03 (2006.01)
A61B 8/08 (2006.01)
G16H 20/40 (2018.01)
(87) WO2024/206384
(31) 63/493,488 (32) 31.03.23 (33) US
(43) 03.10.2024
(72) SHI, Linxi; BAL, Harshali; LAZARAKIS, Theodoros; XU, Shiyu; SHAO, Lingxiong
(74) RnB IP Pty Ltd

(71) REGENERON PHARMACEUTICALS, INC.
(11) AU-A-2024227880
(21) 2024227880 (22) 27.02.2024
(54) ACE2-IgM-Fc FUSION PROTEINS AND USES THEREOF
(51) Int. Cl.
A61P 31/14 (2006.01)
C12N 9/48 (2006.01)
(87) WO2024/182370
(31) 63/487,399 (32) 28.02.23 (33) US
(43) 06.09.2024
(72) SHEN, Yang; BAUM, Alina; KYR-ATSOUS, Christos; LIN, Chia-Yang; WANG, Nianshuang
(74) Davies Collison Cave Pty Ltd

(71) REGENERON PHARMACEUTICALS, INC.
(11) AU-A-2024229213
(21) 2024229213 (22) 27.02.2024
(54) MULTIVALENT ANTI-SPIKE PROTEIN BINDING MOLECULES AND USES THEREOF
(51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/215 (2006.01)
A61P 31/14 (2006.01)
(87) WO2024/182451
(31) 63/487,424 (32) 28.02.23 (33) US
(43) 06.09.2024
(72) SHEN, Yang; BAUM, Alina; KYR-ATSOUS, Christos; LIN, Chia-Yang; NGUYEN, Tri; WANG, Nianshuang
(74) Davies Collison Cave Pty Ltd

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(71) REGENERON PHARMACEUTICALS, INC.			(72) JAYARAMAN, Muthusamy; SANK-ARAN, Ganapathy Subramanian			
(11) AU-A-2024229916			(74) Spruson & Ferguson			
(21) 2024229916			(32) 27.02.2024			
(54) MULTIVALENT ANTI-SPIKE PROTEIN BINDING MOLECULES AND USES THEREOF						
(51) Int. Cl.						
C07K 16/10 (2006.01)						
A61K 39/215 (2006.01)						
A61P 31/14 (2006.01)						
(87) WO2024/182455						
(31) 63/487,408			(32) 28.02.23 (33) US			
(43) 06.09.2024						
(72) SHEN, Yang; BAUM, Alina; KYR-ATSOUS, Christos; LIN, Chia-Yang; WANG, Nianshuang						
(74) Davies Collison Cave Pty Ltd						
(71) RENAGADE THERAPEUTICS MANAGEMENT INC.						
(11) AU-A-2024234874						
(21) 2024234874			(22) 14.03.2024			
(54) LIPID NANOPARTICLES COMPRISING CODING RNA MOLECULES FOR USE IN GENE EDITING AND AS VACCINES AND THERAPEUTIC AGENTS						
(51) Int. Cl.						
C07D 207/327 (2006.01)						
A61K 31/00 (2006.01)						
A61P 43/00 (2006.01)						
C07D 211/34 (2006.01)						
C07D 405/12 (2006.01)						
(87) WO2024/192277						
(31) 63/452,292			(32) 15.03.23 (33) US			
63/452,293			15.03.23 US			
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63/490,305			15.03.23 US			
63/490,311			15.03.23 US			
63/490,312			15.03.23 US			
63/490,381			15.03.23 US			
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(43) 19.09.2024						
(72) JAYARAMAN, Muthusamy; SANK-ARAN, Ganapathy Subramanian; KO-SAKOWSKA, Karolina Anna						
(74) Spruson & Ferguson						
(71) RENAGADE THERAPEUTICS MANAGEMENT INC.						
(11) AU-A-2024236558						
(21) 2024236558			(22) 14.03.2024			
(54) DELIVERY OF GENE EDITING SYSTEMS AND METHODS OF USE THEREOF						
(51) Int. Cl.						
A61K 48/00 (2006.01)						
A61K 9/51 (2006.01)						
A61K 38/46 (2006.01)						
C12N 9/22 (2006.01)						
C12N 15/11 (2006.01)						
C12N 15/88 (2006.01)						
C12N 15/90 (2006.01)						
(87) WO2024/192291						
(31) 63/452,316			(32) 15.03.23 (33) US			
(71) RIBOPRO B.V.						
(11) AU-A-2024226024						
(21) 2024226024			(22) 22.02.2024			
(54) NOVEL STRUCTURAL LIPIDS FOR LIPID NANOPARTICLE FORMULATION						
(51) Int. Cl.						
A61K 9/00 (2006.01)						
A61K 9/107 (2006.01)						
A61K 9/127 (2006.01)						
A61K 9/50 (2006.01)						
A61K 9/51 (2006.01)						
A61K 31/05 (2006.01)						
A61K 31/085 (2006.01)						
A61K 31/09 (2006.01)						
A61K 31/24 (2006.01)						
A61K 31/685 (2006.01)						
A61K 31/7034 (2006.01)						
A61K 38/00 (2006.01)						
(71) RIBOPRO B.V.						
(11) AU-A-2024240885						
(21) 2024240885			(22) 20.03.2024			
(54) AN ANTITHEFT DEVICE FOR CAR WHEELS AND AN INSERT STRUCTURE THERETO						
(51) Int. Cl.						
B60B 7/16 (2006.01)						
B60B 3/14 (2006.01)						
B60R 25/00 (2013.01)						
E05B 77/44 (2014.01)						
(87) WO2024/196972						
(31) 63/453,309			(32) 20.03.23 (33) US			
(43) 26.09.2024						
(72) EKSTRÖM, Marcus; IVARSSON, Lars						
(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD						

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(11) AU-A-2024252371
(21) 2024252371 (22) 08.04.2024
(54) METHODS AND COMPOSITIONS FOR DENDRITIC CELL TARGETING NANO-DELIVERY
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 31/7032 (2006.01)
A61K 31/7105 (2006.01)
A61K 31/711 (2006.01)
A61K 47/14 (2017.01)
A61K 47/44 (2017.01)
A61P 37/04 (2006.01)
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(51) Int. Cl.
B60J 7/11 (2006.01)
B60R 7/08 (2006.01)
B60J 7/10 (2006.01)
B60P 7/08 (2006.01)
B62D 33/023 (2006.01)
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H04W 76/15 (2018.01)
H04W 84/12 (2009.01)
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E21D 21/00 (2006.01)

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E21D 21/00 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/055 (2006.01)
A61B 5/242 (2021.01)
A61B 5/243 (2021.01)
A61B 5/245 (2021.01)
G01R 33/00 (2006.01)
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E02D 27/01 (2006.01)
E04B 1/92 (2006.01)
E04G 9/00 (2006.01)
E04G 9/06 (2006.01)
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E02D 7/26 (2006.01)
E02D 5/24 (2006.01)
E02D 5/48 (2006.01)
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A61K 48/00 (2006.01)
C07K 14/005 (2006.01)
C12N 15/00 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
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(74) FPA Patent Attorneys Pty Ltd

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H04L 41/22 (2022.01)
G06F 3/04817 (2022.01)
G06F 3/04842 (2022.01)
H04L 41/0803 (2022.01)
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(51) Int. Cl.
A61F 2/24 (2006.01)
A61B 17/00 (2006.01)
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ALLERGIC CONJUNCTIVITIS
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C07K 14/47 (2006.01)
A61K 38/17 (2006.01)
A61P 27/02 (2006.01)
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H01Q 1/12 (2006.01)
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(54) AUTONOMOUS MOVEMENT DEVICE
AND WORKING ROBOT
(51) Int. Cl.
E01H 5/04 (2006.01)
B25J 19/00 (2006.01)
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(54) METHOD AND APPARATUS FOR PO-
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AND SELF-MOVING DEVICE
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LOGY CO., LTD.
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SELF-MOVING DEVICE, AND COM-
PUTER-READABLE STORAGE MEDI-
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(51) Int. Cl.
G05D 1/00 (2024.01)
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(54) KEY REGION CLEANING METHOD
AND APPARATUS, AND CLEANING
MACHINE AND STORAGE MEDIUM
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G05D 1/43 (2024.01)
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(54) METHOD AND APPARATUS FOR RE-
SUMING CLEANING FROM INTER-
RUPTION POINT, AND SELF-MOVING
DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
G05D 1/43 (2024.01)
A47L 11/24 (2006.01)
A47L 11/40 (2006.01)
E01H 5/08 (2006.01)
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(54) RECHARGING PATH PLANNING
METHOD AND APPARATUS, SELF-
MOVING DEVICE, AND READABLE
STORAGE MEDIUM
(51) Int. Cl.

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B60B 11/02 (2006.01)
A01D 34/00 (2006.01)
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C07D 209/20 (2006.01)
A61K 31/40A (2006.01)
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B01D 15/36 (2006.01)
B01D 59/32 (2006.01)
B03B 5/26 (2006.01)
C22B 60/02 (2006.01)
B01D 15/18 (2006.01)
C02F 1/42 (2023.01)
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A61M 5/24 (2006.01)
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A61M 5/32 (2006.01)
A61M 5/34 (2006.01)
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G06F 8/38 (2018.01)
G06F 9/451 (2018.01)
G06N 20/00 (2019.01)
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(54) VERTICAL TAKE-OFF AND LANDING AIRCRAFT AND CONTROL METHOD FOR VERTICAL TAKE-OFF AND LANDING AIRCRAFT
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B64C 27/28 (2006.01)
B64C 19/00 (2006.01)
B64C 27/26 (2006.01)
B64C 27/52 (2006.01)
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(54) TRAILING-EDGE ADD-ON
(51) Int. Cl.
F03D 1/06 (2006.01)
(87) WO2024/213296
(31) 23167480.5 **(32)** 12.04.23 **(33)** EP
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(54) BIOMARKER COMPOSITIONS AND METHODS OF USE THEREOF
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G01N 33/574 (2006.01)
G16H 50/20 (2018.01)
A61B 5/363 (2021.01)
G01N 33/50 (2006.01)
G06N 20/00 (2019.01)
G16H 10/40 (2018.01)
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(54) DIRECT CURRENT COLLECTOR FOR A RAIL VEHICLE
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B60L 5/08 (2006.01)
B60L 5/16 (2006.01)
B60L 5/36 (2006.01)
B60L 53/30 (2019.01)
(87) WO2024/199995
(31) 10 2023 203 043.8 **(32)** 31.03.23 **(33)** DE
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(54) TUBULAR WEFT KNITTED JERSEY-BASED FABRIC, COMPRESSION ARTICLE COMPRISING SAID FABRIC AND A METHOD FOR PRODUCING IST PRODUCTION
(51) Int. Cl.
D04B 1/12 (2006.01)
(87) WO2024/213232
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(74) Davies Collison Cave Pty Ltd
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(51) Int. Cl.
D04B 1/10 (2006.01)
D04B 1/12 (2006.01)
D04B 1/26 (2006.01)
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(71) SKY CO.,LTD. (11) AU-A-2024244923 (21) 2024244923 (22) 09.02.2024 (54) eSIM ACTIVATION SYSTEM AND PROGRAM (51) Int. Cl. H04W 12/42 (2021.01) G06Q 50/50 (2024.01) H04M 3/42 (2006.01) H04W 4/24 (2024.01) H04W 8/18 (2009.01) H04W 12/77 (2021.01) H04W 76/10 (2018.01) H04W 92/08 (2009.01) (87) WO2024/202591 (31) 2023-049462 (32) 27.03.23 (33) JP (43) 03.10.2024 (72) Peter Kim (74) Madderns Pty Ltd	(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2024247371 (21) 2024247371 (22) 27.03.2024 (54) CONTROLLED HEAT-INDUCED PROTEIN AGGREGATION FOR MOUTH-FEEL IMPROVEMENT OF LOW FAT DAIRY CREAMS (51) Int. Cl. A23C 1/12 (2006.01) A23C 1/14 (2006.01) A23C 1/16 (2006.01) A23C 13/14 (2006.01) (87) WO2024/200487 (31) 23165879.0 (32) 31.03.23 (33) EP (43) 03.10.2024 (72) AMAGLIANI, Luca; SCHMITT, Christophe Joseph Etienne; DAIMER, Katharina (74) Spruson & Ferguson	(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2024264521 (21) 2024264521 (22) 23.04.2024 (54) PACKAGING ITEM WITH FRAGRANCE DIFFUSOR AND PACKAGED FOOD PRODUCT (51) Int. Cl. B65D 3/22 (2006.01) B65D 5/72 (2006.01) B65D 83/06 (2006.01) (87) WO2024/223558 (31) 20 2023 102 169.7 (32) 24.04.23 (33) DE (43) 31.10.2024 (72) NIEDERREITER, Gerhard; GALAFFU, Nicola; MÜLLER, Peter (74) Spruson & Ferguson
(71) SMALL, I.R. (11) AU-A-2024244351 (21) 2024244351 (22) 03.04.2024 (54) IMPROVED GEARBOX (51) Int. Cl. F16H 1/14 (2006.01) B60J 7/08 (2006.01) B60P 7/04 (2006.01) F16H 57/02 (2012.01) F16H 57/023 (2012.01) (87) WO2024/207064 (31) 2023900951 (32) 03.04.23 (33) AU (43) 10.10.2024 (72) SMALL, Ian Ronald (74) IP Sentinels	(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2024259955 (21) 2024259955 (22) 23.04.2024 (54) PACKAGING ITEM AND PACKAGED FOOD PRODUCT (51) Int. Cl. B65D 3/12 (2006.01) B65D 5/68 (2006.01) B65D 5/72 (2006.01) B65D 59/04 (2006.01) B65D 59/06 (2006.01) B65D 65/46 (2006.01) (87) WO2024/223556 (31) 23169537.0 (32) 24.04.23 (33) EP (43) 31.10.2024 (72) RAEDLER, Thomas; MÜLLER, Peter; BHATTACHARYA, Abhijit; JUKARAINEN, Jenni Irina; NIEDERREITER, Gerhard; GALAFFU, Nicola; BUSSIEN, Gaël; PELLISSIER, Joachim (74) Spruson & Ferguson	(71) SPACE POWER LTD (11) AU-A-2024237485 (21) 2024237485 (22) 11.03.2024 (54) DETERMINATION OF PREFERRED WIRELESS LASER POWER TRANSMISSION MODE (51) Int. Cl. H02J 50/30 (2016.01) G01J 1/42 (2006.01) (87) WO2024/189336 (31) 2303649.4 (32) 13.03.23 (33) GB (43) 19.09.2024 (72) DATTANI, Keval; SWEENEY, Pro. Stephen (74) Arceo IP
(71) SMA SOLAR TECHNOLOGY AG (11) AU-A-2024241819 (21) 2024241819 (22) 22.03.2024 (54) METHOD FOR COMMISSIONING AN ELECTRICAL POWER CONVERSION SYSTEM AND ELECTRICAL POWER CONVERSION SYSTEM (51) Int. Cl. H02M 1/36 (2007.01) H02J 5/00 (2016.01)	(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2024262308 (21) 2024262308 (22) 23.04.2024 (54) PACKAGING ITEM AND PACKAGED FOOD PRODUCT (51) Int. Cl. B65D 3/22 (2006.01) B32B 29/00 (2006.01) B65D 5/68 (2006.01) B65D 5/72 (2006.01) B65D 83/06 (2006.01) (87) WO2024/223559 (31) 23169528.9 (32) 24.04.23 (33) EP	(71) STEPAN COMPANY (11) AU-A-2024252240 (21) 2024252240 (22) 12.04.2024 (54) LOW RESIDUAL MOMOMER GLYCOL AROMATIC POLYESTER POLYOLS (51) Int. Cl. C08G 18/42 (2006.01) C08G 18/76 (2006.01) C08G 63/02 (2006.01) C08G 63/183 (2006.01) C08G 63/78 (2006.01) C08J 9/00 (2006.01) C08L 75/06 (2006.01) (87) WO2024/216035 (31) 63/458,922 (32) 12.04.23 (33) US (43) 17.10.2024 (72) ARAULLO-MCADAMS, Carina; CLINE, Carson; CUI, Lei (74) Baxter Patent Attorneys Pty Ltd (71) STHOD'S (11) AU-A-2024249237 (21) 2024249237 (22) 21.03.2024 (54) HORSE GUM PROTECTION (51) Int. Cl. B68B 7/00 (2006.01)

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(31) BE2023/5231 **(32)** 24.03.23 **(33)** BE
(43) 03.10.2024
(72) TIRTEY, Sébastien
(74) MBIP
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(11) AU-A-2024251948
(21) 2024251948 **(22)** 11.04.2024
(54) DEVICES AND METHODS FOR PROVIDING AN ANTICLOTTING ELEMENT FOR USE WITH A MEDICAL WASTE COLLECTION SYSTEM
(51) Int. Cl.
A61M 1/36 (2006.01)
A61M 1/00 (2006.01)
(87) WO2024/215821
(31) 63/458,502 **(32)** 11.04.23 **(33)** US
(43) 17.10.2024
(72) MEYERS, Clayton, H.; ZOLLINGER, Michael
(74) Davies Collison Cave Pty Ltd
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- (71)** SUBSEA 7 LIMITED
(11) AU-A-2024245096
(21) 2024245096 **(22)** 28.03.2024
(54) ADAPTING HYDROCARBON PIPELINES TO TRANSPORT HYDROGEN
(51) Int. Cl.
C25D 3/38 (2006.01)
C25D 5/04 (2006.01)
C25D 7/04 (2006.01)
C25D 17/14 (2006.01)
F16L 55/26 (2006.01)
(87) WO2024/201055
(31) 2304878.8 **(32)** 31.03.23 **(33)** GB
(43) 03.10.2024
(72) COLLIER, Graham
(74) Allens Patent & Trade Mark Attorneys
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- (71)** SULVARIS INC.
(11) AU-A-2024228325
(21) 2024228325 **(22)** 28.02.2024
(54) CARBON-BASED PRODUCTS AND METHODS OF MAKING SAME
(51) Int. Cl.
C05G 5/40 (2020.01)
C05C 3/00 (2006.01)
C05F 3/00 (2006.01)
C05F 9/00 (2006.01)
C05F 11/00 (2006.01)
C05G 3/40 (2020.01)
C05G 5/10 (2020.01)
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(31) 63/487,506 **(32)** 28.02.23 **(33)** US
(43) 06.09.2024
(72) FLEGEL, Mitchel; SELIRIO, Cristine; POKHAREL, Prem; HOWELL, Mark; MACKIE, Robert
(74) Davies Collison Cave Pty Ltd
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- (71)** SUNGROW HYDROGEN SCI. & TECH.CO., LTD
(11) AU-A-2023439737
(21) 2023439737 **(22)** 19.09.2023
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- (54)** HYDROGEN PRODUCTION SYSTEM AND CONTROL METHOD THEREFOR
(51) Int. Cl.
C25B 15/02 (2021.01)
C25B 1/02 (2006.01)
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(31) 202310368782.3 **(32)** 04.04.23 **(33)** CN
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(72) LI, Jiangsong; SUN, Longlin; YANG, Xiaowei; ZHANG, Can
(74) Davies Collison Cave Pty Ltd
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- (71)** SUSTAINABILITY INNOVATIONS PTY LTD
(11) AU-A-2024224501
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(54) "INTERLOCKING MASONRY BLOCK SYSTEM"
(51) Int. Cl.
E04B 2/18 (2006.01)
E04B 2/02 (2006.01)
E04C 1/39 (2006.01)
(87) WO2024/173986
(31) 2023900461 **(32)** 22.02.23 **(33)** AU
(43) 29.08.2024
(72) BOAG, Brett
(74) FB Rice Pty Ltd
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- (71)** SWALLOWING TECHNOLOGIES LIMITED
(11) AU-A-2024225862
(21) 2024225862 **(22)** 22.02.2024
(54) A WEARABLE DEVICE, A METHOD, AND A SYSTEM FOR PROVIDING A SWALLOWING EXERCISE AND FOR PROVIDING FEEDBACK DURING A SWALLOWING EXERCISE
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 5/256 (2021.01)
A61B 5/257 (2021.01)
A61B 5/397 (2021.01)
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(43) 29.08.2024
(72) HUCKABEE, Maggie-Lee; SADLER, Ryan, Leo; MADDREN, Darcy, Perrin; FERGUSON, Scott, Brent
(74) James & Wells Intellectual Property
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- (71)** SYNERGIE MEDICALE BRG INC.
(11) AU-A-2024258103
(21) 2024258103 **(22)** 16.04.2024
(54) METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCT FOR VALIDATING A DRUG PRODUCT WHILE BEING HELD BY A DRUG PRODUCT PACKAGING SYSTEM PRIOR TO PACKAGING
(51) Int. Cl.
G01N 21/90 (2006.01)
A61J 7/00 (2006.01)
G06V 10/74 (2022.01)
G06V 10/82 (2022.01)
G16H 40/20 (2018.01)
(87) WO2024/216373
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(72) MABROUK, Rostom; CHALAH, Abderrahmane; LESSARD, Stéphan; BISWAS, Aritro; JHA, Goutam Kumar; RAJU, Nagalapelli Prithvi
(74) FB Rice Pty Ltd
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- (71)** SYNERGY MEDICAL BRG INC.
(11) AU-A-2024262382
(21) 2024262382 **(22)** 10.04.2024
(54) ENHANCED INSPECTION OF MEDICAMENTS AFTER LOADING OF BLISTER CARD PRESCRIPTIONS
(51) Int. Cl.
G01N 21/90 (2006.01)
A61J 1/18 (2023.01)
B65B 57/00 (2006.01)
(87) WO2024/221081
(31) 63/498,100 **(32)** 25.04.23 **(33)** US
(43) 31.10.2024
(72) CHALAH, Abderrahmane
(74) FB Rice Pty Ltd
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- (71)** SYNGENTA CROP PROTECTION AG
(11) AU-A-2024251657
(21) 2024251657 **(22)** 11.04.2024
(54) IMIDAZO BICYCLIC DERIVATIVES
(51) Int. Cl.
C07D 487/04 (2006.01)
A01N 43/90 (2006.01)
A01P 3/00 (2006.01)
(87) WO2024/213664
(31) 23167800.4 **(32)** 13.04.23 **(33)** EP
(43) 17.10.2024
(72) POULIOT, Martin; GERMAIN, Nicolas; JEANMART, Stephane André Marie; LUMBROSO, Alexandre Franco Jean Camille; LE CHAPELAIN, Camille
(74) Davies Collison Cave Pty Ltd
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- (71)** SYNGENTA CROP PROTECTION AG
(11) AU-A-2024251684
(21) 2024251684 **(22)** 11.04.2024
(54) IMIDAZO[1,2-A]PYRAZINE DERIVATIVES
(51) Int. Cl.
C07D 487/04 (2006.01)
A01N 43/60 (2006.01)
A01N 43/90 (2006.01)
A01N 47/08 (2006.01)
A01N 47/18 (2006.01)
A01P 3/00 (2006.01)
(87) WO2024/213656
(31) 23167802.0 **(32)** 13.04.23 **(33)** EP
(43) 17.10.2024
(72) POULIOT, Martin; JEANMART, Stephane André Marie; GERMAIN, Nicolas; LE CHAPELAIN, Camille
(74) Davies Collison Cave Pty Ltd
-
- (71)** SYNGENTA CROP PROTECTION AG
(11) AU-A-2024252656
(21) 2024252656 **(22)** 11.04.2024
(54) IMIDAZO[1,2-A]PYRAZINE DERIVATIVES
(51) Int. Cl.

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- C07D 487/04** (2006.01)
A01N 43/60 (2006.01)
A01N 47/08 (2006.01)
A01N 47/18 (2006.01)
A01P 3/00 (2006.01)
(87) WO2024/213659
(31) 23167796.4 **(32)** 13.04.23 **(33)** EP
(43) 17.10.2024
(72) JEANMART, Stephane André Marie;
LUMBROSO, Alexandre Franco Jean
Camille; GERMAIN, Nicolas; POULIOT,
Martin; LE CHAPELAIN, Camille
(74) Davies Collison Cave Pty Ltd
-
- (71)** T.J.SMITH AND NEPHEW,LIMITED
(11) AU-A-2024251740
(21) 2024251740 **(22)** 11.04.2024
(54) WOUND DRESSING
(51) Int. Cl.
A61F 13/00 (2024.01)
A61F 13/05 (2024.01)
A61K 9/70 (2006.01)
A61L 15/20 (2006.01)
(87) WO2024/213614
(31) GB2305333.3 **(32)** 12.04.23 **(33)** GB
(43) 17.10.2024
(72) DAGGER, Anthony, Colin; EARL, Mi-
chael; ELLERINGTON, Mark, John;
LILLEY, Emma Victoria; MIDDLETON,
Natasha Rose
(74) Griffith Hack
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- (71)** T.J.SMITH AND NEPHEW,LIMITED
(11) AU-A-2024255105
(21) 2024255105 **(22)** 11.04.2024
(54) WOUND DRESSING
(51) Int. Cl.
A61F 13/00 (2024.01)
A61F 13/05 (2024.01)
A61K 9/70 (2006.01)
A61L 15/44 (2006.01)
A61M 1/00 (2006.01)
(87) WO2024/213613
(31) 2305320.0 **(32)** 12.04.23 **(33)** GB
(43) 17.10.2024
(72) DAGGER, Anthony, Colin
(74) Griffith Hack
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- (71)** TACTOGEN INC.
(11) AU-A-2024254600
(21) 2024254600 **(22)** 28.03.2024
(54) ADVANTAGEOUS FLUOROBENZO-
FURANS FOR THE TREATMENT OF
MENTAL DISORDERS OR ENHANCE-
MENT
(51) Int. Cl.
A61K 31/343 (2006.01)
A61P 25/08 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
C07D 307/80 (2006.01)
C07D 307/81 (2006.01)
(87) WO2024/206712
(31) 63/456,328 **(32)** 31.03.23 **(33)** US
(43) 03.10.2024
(72) BAGGOTT, Matthew, J.
(74) Davies Collison Cave Pty Ltd
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- (71)** TAPRITE MICRO MATIC, INC.
(11) AU-A-2024313621
(21) 2024313621 **(22)** 24.06.2024
(54) O-RING RETAINING APPARATUS
FOR A BAR GUN
(51) Int. Cl.
B67D 1/08 (2006.01)
A47J 31/46 (2006.01)
(87) WO2024/264044
(31) 18/339,897 **(32)** 22.06.23 **(33)** US
(43) 26.12.2024
(72) YANES, Gilbert
(74) AJ PARK
-
- (71)** TATE & LYLE SOLUTIONS USA LLC
(11) AU-A-2024249487
(21) 2024249487 **(22)** 28.03.2024
(54) PLANT-BASED CHICKPEA MILK
(51) Int. Cl.
A23C 11/06 (2006.01)
A23C 11/02 (2006.01)
A23L 2/66 (2006.01)
A23L 11/60 (2021.01)
A23L 29/206 (2016.01)
(87) WO2024/206570
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(72) HANSEN, Mackenzie, May; YOU,
Zheng; DURBIN, Jacob, Michael;
ROBERT, Mark, Gerald
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** TECHNOLOGIES BIOLIFT INC.
(11) AU-A-2024235814
(21) 2024235814 **(22)** 15.03.2024
(54) EXOSKELETON FOR LUMBAR SUP-
PORT
(51) Int. Cl.
B25J 11/00 (2006.01)
B25J 9/00 (2006.01)
(87) WO2024/187285
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(43) 19.09.2024
(72) AMANANANARIVO, Mathieu; LE-
COURS, Samuel; BLANCHET, Laurent;
SCHAUMLOEFFEL, Yann; ZIMMER-
MAN, Yann
(74) Griffith Hack
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- (71)** TELEFONAKTIEBOLAGET LM ERIC-
SSON (PUBL)
(11) AU-A-2024251045
(21) 2024251045 **(22)** 08.04.2024
(54) METHOD AND APPARATUS FOR
LOCATION SERVICE
(51) Int. Cl.
H04W 64/00 (2009.01)
(87) WO2024/212911
(31) PCT/ **(32)** 10.04.23 **(33)** CN
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(72) XU, Wenliang; PASTUSHOK, Igor
(74) AJ PARK
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- (71)** TEOXANE SA
(11) AU-A-2024240156
(21) 2024240156 **(22)** 21.03.2024
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- (54)** METHOD FOR PREPARING A
STERILE HYDROGEL COMPRISING
A CROSS-LINKED OR NON-CROSS-
LINKED POLYSACCHARIDE OR A
MIXTURE THEREOF
(51) Int. Cl.
A61K 8/73 (2006.01)
A61K 9/00 (2006.01)
A61L 26/00 (2006.01)
A61Q 19/08 (2006.01)
(87) WO2024/194420
(31) 2302635 **(32)** 21.03.23 **(33)** FR
(43) 26.09.2024
(72) BRUSINI, Romain; VANTOU, Camille;
FAIVRE, Jimmy; BOURDON, François
(74) FPA Patent Attorneys Pty Ltd
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- (71)** TEOXANE SA
(11) AU-A-2024240643
(21) 2024240643 **(22)** 21.03.2024
(54) METHOD FOR PREPARING A
STERILE HYDROGEL COMPRISING
A CROSS-LINKED OR NON-CROSS-
LINKED POLYSACCHARIDE OR A
MIXTURE THEREOF
(51) Int. Cl.
A61K 8/73 (2006.01)
A61K 9/00 (2006.01)
A61L 26/00 (2006.01)
A61Q 19/08 (2006.01)
(87) WO2024/194432
(31) FR2302637 **(32)** 21.03.23 **(33)** FR
(43) 26.09.2024
(72) BRUSINI, Romain; VANTOU, Camille;
FLEGEAU, Killian; JING, Laura Jing;
FAIVRE, Jimmy; BOURDON, François
(74) FPA Patent Attorneys Pty Ltd
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- (71)** TETRA LAVAL HOLDINGS & FINANCE
S.A.
(11) AU-A-2024267919
(21) 2024267919 **(22)** 18.04.2024
(54) PACKAGING BLANK FOR FORM-
ING A PACKAGE AND PACKAGE
FORMED FROM A PACKAGING
BLANK
(51) Int. Cl.
B65D 5/42 (2006.01)
B65D 5/02 (2006.01)
B65D 5/40 (2006.01)
B65D 5/74 (2006.01)
B65D 85/72 (2006.01)
(87) WO2024/231070
(31) 102023000008994 **(32)** 05.05.23 **(33)** IT
(43) 14.11.2024
(72) ROCCHI, Manuel; BARBIERI, Mar-
cello; SCUTARU, Corina; REIS, Mon-
ica; NASI, Paolo; GIAMPIERI, Andrea
(74) Griffith Hack
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- (71)** TETRA LAVAL HOLDINGS & FINANCE
S.A.
(11) AU-A-2024310800
(21) 2024310800 **(22)** 14.06.2024
(54) OPENING DEVICE FOR A PACKAGE
AND PACKAGE HAVING AN OPEN-
ING DEVICE
(51) Int. Cl.
B65D 5/74 (2006.01)
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(72) TAVONI, Francesca; FILIPPINI, Maurizio
(74) Griffith Hack

(71) TETRA LAVAL HOLDINGS & FINANCE S.A.

(11) AU-A-2024312125
(21) 2024312125 **(22)** 17.06.2024
(54) OPENING DEVICE FOR A PACKAGING FOR POURABLE PRODUCTS, PACKAGE THEREWITH AND METHODS FOR EVALUATING IF AN OPENING DEVICE HAS ALREADY BEEN OPENED AT LEAST ONCE

(51) Int. Cl.
B65D 5/74 (2006.01)
(87) WO2024/260887
(31) 102023000012951 **(32)** 22.06.23 **(33)** IT
(43) 26.12.2024
(72) FERRARI, Gianfranco; ZANON, Paolo; DE PAOLA, Rocco; VIETRI, Anna Rosa
(74) Griffith Hack

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(21) 2024245158 **(22)** 28.03.2024
(54) THERAPEUTIC STRATEGY FOR PCDH19-RELATED ENCEPHALOPATHY
(51) Int. Cl.
C12N 15/113 (2010.01)
A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
(87) WO2024/206668
(31) 63/456,303 **(32)** 31.03.23 **(33)** US
(43) 03.10.2024
(72) CHEN, Xiaoyu; PASCA, Sergiu P.
(74) Spruson & Ferguson

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(21) 2024258693 **(22)** 22.04.2024
(54) GLP-1R ANTAGONISM TO IMPROVE NUTRITION FOLLOWING GASTROINTESTINAL SURGERY
(51) Int. Cl.
A61K 38/26 (2006.01)
A61K 35/38 (2015.01)
A61P 3/04 (2006.01)
C07K 14/605 (2006.01)
(87) WO2024/220962
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(43) 24.10.2024
(72) CRAIG, Colleen M.; MCLAUGHLIN, Tracey
(74) Spruson & Ferguson

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

(11) AU-A-2024237943
(21) 2024237943 **(22)** 20.03.2024
(54) METHODS AND MATERIALS FOR TREATING CANCER
(51) Int. Cl.
C12N 15/113 (2010.01)
A61P 35/00 (2006.01)
C12Q 1/6809 (2018.01)
C12Q 1/6886 (2018.01)
(87) WO2024/197047
(31) 63/453,282 **(32)** 20.03.23 **(33)** US
(43) 26.09.2024
(72) RANA, Tariq M.
(74) Adams Pluck

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(21) 2024238513 **(22)** 20.03.2024
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(51) Int. Cl.
E03D 7/00 (2006.01)
E03D 11/13 (2006.01)
(87) WO2024/194813
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(72) SÜPPMAYER, Anton
(74) HENRY HUGHES IP LTD

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(11) AU-A-2024233284
(21) 2024233284 **(22)** 06.03.2024
(54) A MICROFLUIDIC DEVICE AND A METHOD OF FORMING THEREOF
(51) Int. Cl.
B01L 3/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/15 (2006.01)
B29C 64/386 (2017.01)
G01N 33/49 (2006.01)
(87) WO2024/182850
(31) 2023900588 **(32)** 06.03.23 **(33)** AU
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(72) ZHAO, Yunduo; WANG, Zihao; JU, Lingling Arnold; ZHANG, Yingqi
(74) FPA Patent Attorneys Pty Ltd

(71) TIANJIN TASLY SANTS PHARMACEUTICAL CO., LTD.; CHINA PHARMACEUTICAL UNIVERSITY

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(21) 2024245127 **(22)** 20.03.2024
(54) SILYBIN-CONTAINING COMPOSITION
(51) Int. Cl.
A61K 31/403 (2006.01)
A61K 31/357 (2006.01)
A61P 1/16 (2006.01)
(87) WO2024/199025
(31) 202310307875.5 **(32)** 27.03.23 **(33)** CN
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(74) Madderns Pty Ltd

(71) TILLOTTS PHARMA AG

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(21) 2024241638 **(22)** 28.03.2024
(54) SOLID ORAL DOSAGE FORM COMPRISING ANTIBODIES FOR SUSTAINED RELEASE IN THE LOWER GASTROINTESTINAL TRACT
(51) Int. Cl.
A61K 9/50 (2006.01)
A61K 31/4439 (2006.01)
A61P 1/00 (2006.01)
(87) WO2024/200722
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(43) 03.10.2024
(72) BRAVO GONZALEZ, Roberto Carlos; VOGLER, Ramon
(74) Spruson & Ferguson

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(21) 2024257382 **(22)** 15.04.2024
(54) IMIDAZOTRIAZINE DERIVATIVES AS IL-17 MODULATORS
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
(87) WO2024/218030
(31) 2305585.8 **(32)** 17.04.23 **(33)** GB
(43) 24.10.2024
(72) HASLETT, Gregory William; REUBERSON, James Thomas
(74) Griffith Hack

(71) UCB BIOPHARMA SRL

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(54) IMIDAZOTRIAZINE DERIVATIVES AS IL-17 MODULATORS
(51) Int. Cl.
A61P 29/00 (2006.01)
A61K 31/53 (2006.01)
A61P 37/00 (2006.01)
C07D 487/04 (2006.01)
(87) WO2024/218032
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(72) BRUFFAERTS, Jeffrey; HASLETT, Gregory William
(74) Griffith Hack

(71) UNITED KINGDOM RESEARCH AND INNOVATION

(11) AU-A-2024262114
(21) 2024262114 **(22)** 26.04.2024
(54) ACYL-tRNA SYNTHETASES
(51) Int. Cl.
C12Q 1/6804 (2018.01)
C12P 13/04 (2006.01)
C12Q 1/6806 (2018.01)
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(72) CHIN, Jason W.; DUNKELMANN, Daniel; PIEDRAFITA ALVIRA, Carlos
(74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024263582
(21) 2024263582 (22) 26.04.2024
(54) tRNA-BASED METHODS AND RELATED COMPOSITIONS
(51) Int. Cl.
C12P 13/04 (2006.01)
C12Q 1/6806 (2018.01)
(87) WO2024/223923
(31) 2306393.6 (32) 28.04.23 (33) GB
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(51) Int. Cl.
A61K 35/15 (2015.01)
A61K 35/12 (2015.01)
A61P 37/06 (2006.01)
C12N 5/0784 (2010.01)
(87) WO2024/192172
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(74) FB Rice Pty Ltd
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C07C 41/09 (2006.01)
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C07D 213/65 (2006.01)
A61K 31/496 (2006.01)
A61P 11/06 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 235/16 (2006.01)
C07D 295/195 (2006.01)
C07D 413/12 (2006.01)
C07D 487/08 (2006.01)
C07D 487/10 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) EXTERNAL SUPPORT FOR A TISSUE IMPLANT
(51) Int. Cl.
A61F 2/06 (2013.01)
A61L 27/36 (2006.01)
(87) WO2024/220501
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63/587,426 02.10.23 US
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) SYSTEMS AND METHODS FOR DIGITALLY LOGGING STRUCTURAL DATA OF ROCK SPECIMENS
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G01N 21/01 (2006.01)
E21B 49/00 (2006.01)
G06F 17/40 (2006.01)
G06K 7/10 (2006.01)
G06T 7/70 (2017.01)
G06T 19/00 (2011.01)
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(54) PROCESS FOR CHEMICALLY CLEANING LITHIUM CARBONATE SCALE FROM SURFACES OF EQUIPMENT
(51) Int. Cl.
C02F 1/66 (2023.01)
C02F 5/08 (2023.01)
B01D 9/00 (2006.01)
B08B 9/027 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
F28G 9/00 (2006.01)
(87) WO2024/215632
(31) 63/458,184 (32) 10.04.23 (33) US
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(74) GLMR
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A61K 39/145 (2006.01)
A61K 38/16 (2006.01)
A61K 39/385 (2006.01)
A61P 31/16 (2006.01)
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(31) 63/491,005 (32) 17.03.23 (33) US
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(51) Int. Cl.
H04L 45/24 (2022.01)
H04L 47/10 (2022.01)
H04L 47/125 (2022.01)
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(51) Int. Cl.
H04B 7/185 (2006.01)
H04B 7/204 (2006.01)
(87) WO2024/206556
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(54) ABSORBENT ARTICLE WITH APERTURED LIQUID ACQUISITION LAYER AND STABILIZING ELEMENTS
(51) Int. Cl.
A61F 13/475 (2006.01)
A61F 13/537 (2006.01)
(87) WO2024/230941
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(74) Griffith Hack
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- (71) VIVACE THERAPEUTICS, INC.
(11) AU-A-2024242687
(21) 2024242687 (22) 26.03.2024
(54) SYNTHESIS OF A HIPPO-YAP PATHWAY MODULATOR AND A POLYMORPH THEREOF
(51) Int. Cl.
C07C 235/66 (2006.01)
A61K 31/166 (2006.01)
A61P 1/16 (2006.01)
A61P 13/12 (2006.01)
A61P 35/00 (2006.01)
C07C 51/09 (2006.01)
C07C 67/00 (2006.01)
C07C 231/02 (2006.01)
(87) WO2024/206300
(31) 63/492,440 (32) 27.03.23 (33) US
(43) 03.10.2024
(72) KONRADI, Andrei W.; WILSON, Jo Ann Zbur; ZELLER, James Robert
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(54) SOLAR-BASED POWER GENERATION MODULES
(51) Int. Cl.
H02S 20/32 (2014.01)
A01G 9/24 (2006.01)
F24S 23/70 (2018.01)
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(72) ROCH, Jonas; BLASER, Dominik
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(54) CARBON DIOXIDE SORBENT ARTICLE ASSEMBLIES WITH COMPONENTS TO MAINTAIN GAPS BETWEEN SEPARATE SHEETS OF SORBENT ARTICLE
(51) Int. Cl.
B01D 53/04 (2006.01)
B01J 20/28 (2006.01)
(87) WO2024/220468
(31) 63/459,835 (32) 17.04.23 (33) US
63/634,562 16.04.24 US
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(54) IMPROVED VENT AND VENT CASING
(51) Int. Cl.
H05K 5/02 (2006.01)
F21V 31/03 (2006.01)
(87) WO2024/213723
(31) 23167926.7 (32) 14.04.23 (33) EP
(43) 17.10.2024
(72) GRUBER, Andreas; STAUFER, Thomas
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(11) AU-A-2024259355
(21) 2024259355 (22) 18.04.2024
(54) GENERATING AN OPTIMIZED PAY-OUT ACTION PLAN BASED ON DATA DETECTED FROM RFID ELEMENTS OF A GAMING TABLE
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 1/00 (2006.01)
A63F 1/14 (2006.01)
A63F 3/00 (2006.01)
(87) WO2024/220647
(31) 63/460,310 (32) 18.04.23 (33) US
(43) 24.10.2024
(72) MOORE, Stephen; WINGATE, Todd, Alan; MOORE, Carolyn
(74) MBIP
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- (71) WAYNE FUELING SYSTEMS LLC
(11) AU-A-2024256754
(21) 2024256754 (22) 17.04.2024
(54) ADAPTIVE SENSORY REINFORCEMENT GENERATION IN DISPENSING ENVIRONMENTS
(51) Int. Cl.
G06Q 30/0241 (2023.01)
A61L 9/00 (2006.01)
G06Q 30/0242 (2023.01)
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(87) WO2024/220559
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(43) 24.10.2024
(72) NEGLEY, Scott, R. III
(74) Davies Collison Cave Pty Ltd
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(54) RETRIEVAL OF TUBULAR STRINGS FROM SUBTERRANEAN WELLS
(51) Int. Cl.
E21B 29/00 (2006.01)
E21B 19/00 (2006.01)
(87) WO2024/228070
(31) 18/312,068 (32) 04.05.23 (33) US
(43) 07.11.2024
(72) LOW, Warwick
(74) WRAYS PTY LTD
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(11) AU-A-2024267832
(21) 2024267832 (22) 03.04.2024
(54) TONG ASSEMBLY VERTICAL POSITIONING FOR PIPE CONNECTION MAKE-UP AND BREAK-OUT
(51) Int. Cl.
E21B 19/16 (2006.01)
(87) WO2024/231749
(31) 18/314,358 (32) 09.05.23 (33) US
(43) 14.11.2024
(72) SACHTLEBEN, Benjamin; GEISLER, David; BRUENING, Andreas; RUEHMANN, Rainer
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(21) 2024231123 (22) 01.03.2024
(54) ANNULAR BARRIER
(51) Int. Cl.
E21B 33/127 (2006.01)
E21B 33/12 (2006.01)
E21B 33/124 (2006.01)
(87) WO2024/184263
(31) 23160016.4 (32) 03.03.23 (33) EP
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(43) 12.09.2024
(72) REVES VASQUES, Ricardo
(74) GLMR
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- (71) WONDERLAND SWITZERLAND AG
(11) AU-A-2024238168
(21) 2024238168 (22) 18.03.2024
(54) CROTCH BELT LENGTH ADJUSTING DEVICE, WAIST BELT DISTANCE ADJUSTING DEVICE AND CHILD CARRIER
(51) Int. Cl.
B60N 2/28 (2006.01)
(87) WO2024/194690
(31) 202310268547.9 (32) 17.03.23 (33) CN
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(74) Allens Patent & Trade Mark Attorneys

(71) XIZANG HAISCO PHARMACEUTICAL CO., LTD.

(11) AU-A-2024242063

(21) 2024242063 (22) 27.03.2024

(54) CYP11A1 INHIBITOR AND USE THEREOF

(51) Int. Cl.

C07D 405/14 (2006.01)

A61K 31/404 (2006.01)

A61P 35/00 (2006.01)

C07D 209/44 (2006.01)

C07D 405/06 (2006.01)

C07D 417/14 (2006.01)

(87) WO2024/199262

(31) 202310320916.4 (32) 29.03.23 (33) CN

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(43) 03.10.2024

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(74) PHILLIPS ORMONDE FITZPATRICK

(71) ZENICK.LAB CORPORATION; SHOWA MEDICAL UNIVERSITY

(11) AU-A-2024247864

(21) 2024247864 (22) 22.03.2024

(54) METHOD FOR PREDICTING EFFICACY OF TREATMENT WITH IMMUNE CHECKPOINT INHIBITOR (ICI) ON SUBJECT, AND METHOD FOR TREATING TUMOR IN SUBJECT

(51) Int. Cl.

C12Q 1/6851 (2018.01)

A61K 39/395 (2006.01)

A61K 45/00 (2006.01)

A61P 35/00 (2006.01)

C07K 16/28 (2006.01)

C12Q 1/686 (2018.01)

C12Q 1/6869 (2018.01)

G01N 33/50 (2006.01)

G16H 20/10 (2018.01)

(87) WO2024/203804

(31) 2023-047877 (32) 24.03.23 (33) JP

(43) 03.10.2024

(72) SUGINO Toru; TAKAYANAGI Daisuke; WADA Satoshi; TSUNODA Takuya

(74) FB Rice Pty Ltd

(71) ZHEJIANG GEELY HOLDING GROUP CO., LTD.; GEELY AUTOMOBILE RE-

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(11) AU-A-2024318656

(21) 2024318656 (22) 07.06.2024

(54) WINDSHIELD WIPER CONTROL METHOD AND APPARATUS, AND DEVICE AND MEDIUM

(51) Int. Cl.

B60S 1/08 (2006.01)

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(31) 202310944497.1 (32) 28.07.23 (33) CN

(43) 06.02.2025

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(74) Madderms Pty Ltd

(71) ZHEJIANG WEIPAI PACKAGING EQUIPMENT CO., LTD.

(11) AU-A-2023440928

(21) 2023440928 (22) 21.09.2023

(54) WELDING DEVICE FOR HANDHELD PACKING MACHINE HAVING HANDLE

(51) Int. Cl.

B65B 13/32 (2006.01)

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(31) 202310320968.1 (32) 28.03.23 (33) CN

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(43) 03.10.2024

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(71) ZIMMER BIOMET CMF AND THORACIC, LLC

(11) AU-A-2024232696

(21) 2024232696 (22) 06.03.2024

(54) PECTUS BAR AND STABILIZER DEVICES

(51) Int. Cl.

A61B 17/80 (2006.01)

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(31) 63/450,202 (32) 06.03.23 (33) US

(43) 12.09.2024

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(74) PHILLIPS ORMONDE FITZPATRICK

(71) ZODIAC POOL CARE EUROPE

(11) AU-A-2024239349

(21) 2024239349 (22) 21.03.2024

(54) AUTOMATIC SWIMMING POOL CLEANER WITH PUMP FLOW OPTIMIZATION

(51) Int. Cl.

E04H 4/16 (2006.01)

WO2024/194837

(31) 63/454,045 (32) 22.03.23 (33) US

(43) 26.09.2024

(72) LANCRY, Arnaud; BESNIER, Arnaud

(74) FB Rice Pty Ltd

(71) ZODIAC POOL SYSTEMS LLC

(11) AU-A-2024239789

(21) 2024239789 (22) 14.03.2024

(54) SYSTEMS AND METHODS OF WATER TESTING WITH REAGENT PODS

(51) Int. Cl.

G01N 33/18 (2006.01)

C02F 1/00 (2023.01)

(87) WO2024/196704

(31) 63/452,887 (32) 17.03.23 (33) US

(43) 26.09.2024

(72) MINASSIAN, Minas

(74) FB Rice Pty Ltd

(71) ZODIAC POOL SYSTEMS LLC

(11) AU-A-2024256685

(21) 2024256685 (22) 15.04.2024

(54) SERIAL ADDRESSING FOR MULTIPLE POOL OR SPA EQUIPMENT ITEMS

(51) Int. Cl.

H04L 61/5038 (2022.01)

H04L 61/5092 (2022.01)

(87) WO2024/220371

(31) 63/459,876 (32) 17.04.23 (33) US

(43) 24.10.2024

(72) MINASSIAN, Minas; WHERLEY, Jay Robert

(74) FB Rice Pty Ltd

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2023432973	GUANGDONG OPPO MOBILE TELECOMMUNICA- TIONS CORP., LTD.	2024226319	NOKIA TECHNOLOGIES OY
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2023436112	BIOCOMPATIBILITY INNOVATION S.R.L.	2024227022	NIPPON CHEMIPHAR CO., LTD.
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2023437902	CHEVRON U.S.A. INC.; UNIVERSITY OF TULSA	2024227981	EVONIK OPERATIONS GMBH
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2023438363	BIOFRONT THERAPEUTICS (BEIJING) CO., LTD.	2024228325	SULVARIS INC.
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2023440153	SHENZHEN MAMMOTION INNOVATION CO., LIM- ITED	2024228658	CLUTTERBOT, INC.
2023440928	ZHEJIANG WEIPAI PACKAGING EQUIPMENT CO., LTD.	2024228803	FISHER & PAYKEL HEALTHCARE LIMITED
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2024238699	DEKA PRODUCTS LIMITED PARTNERSHIP	2024244351	SMALL, I.R.
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2024238803	PRAESIDIA BIOTHERAPEUTICS INC.	2024244557	ENEOS HOLDINGS, INC.
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2024239059	EGIS GYÓGYSZERGYÁR ZRT.	2024244923	SKY CO.,LTD.
2024239255	EXELIXIS, INC.	2024245066	HUAWEI TECHNOLOGIES CO., LTD.
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2024239330	ALGEN BIOTECHNOLOGIES, INC.	2024245096	SUBSEA 7 LIMITED
2024239349	ZODIAC POOL CARE EUROPE	2024245105	AMERICAN AG ENERGY, INC.
2024239406	EGIS GYÓGYSZERGYÁR ZRT.	2024245127	TIANJIN TASLY SANTIS PHARMACEUTICAL CO., LTD.; CHINA PHARMACEUTICAL UNIVERSITY
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2024239585	LEICA GEOSYSTEMS AG	2024245158	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
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2024239885	QUEST DIAGNOSTICS INVESTMENTS LLC	2024245770	BASF SE
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2024240156	TEOXANE SA	2024246113	CATERPILLAR INC.
2024240208	PGS GEOPHYSICAL AS	2024246127	BIOPROJET PHARMA
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		2024247436	HUAWEI TECHNOLOGIES CO., LTD.
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2024248669	INVENTIO AG	2024255202	W. L. GORE & ASSOCIATES GMBH
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2024249237	STHOD'S	2024256514	IKASHMORE PTY LTD
2024249377	MITSUBISHI UBE CEMENT CORPORATION	2024256685	ZODIAC POOL SYSTEMS LLC
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2024250119	R.P. SCHERER TECHNOLOGIES, LLC	2024257551	VASCUDYNE, INC.
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2024250554	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2024257687	UCB BIOPHARMA SRL
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2024251684	SYNGENTA CROP PROTECTION AG	2024259019	CAPITAL ONE SERVICES, LLC
2024251740	T.J.SMITH AND NEPHEW,LIMITED	2024259120	INSPIRING HOLDINGS PTY LTD
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2024251948	STRYKER CORPORATION	2024259355	WALKER DIGITAL TABLE SYSTEMS, LLC
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2024262382	SYNERGY MEDICAL BRG INC.		
2024262393	ICARE FINLAND OY		
2024262429	LONE GULL HOLDINGS, LTD.		
2024262440	NETFLIX, INC.		
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2024263582	UNITED KINGDOM RESEARCH AND INNOVATION		
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2024263986	OTSUKA PHARMACEUTICAL CO., LTD.		
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2024264357	BOEHRINGER INGELHEIM VETMEDICA GMBH		
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2024264521	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
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2024274594	JFE METAL PRODUCTS CORPORATION; MITSUBISHI ESTATE CO., LTD.		
2024275762	JFE METAL PRODUCTS CORPORATION; MITSUBISHI ESTATE CO., LTD.		
2024277269	NEGEDIA S.R.L.		
2024277290	CHENGDU ANTICANCER BIOSCIENCE, LTD.		
2024278770	ALKAHEST, INC.; GRIFOLS WORLDWIDE OPERATIONS LIMITED		
2024282112	HUAWEI TECHNOLOGIES CO., LTD.		
2024285254	QUALCOMM INCORPORATED		
2024286781	BEAURA FOR PARA PHARMACEUTICAL PRODUCTS TRADING L.L.C		
2024287274	DONGGUAN RONGMA FURNITURE CO., LTD		
2024290483	SAMSUNG ELECTRONICS CO., LTD.		
2024305659	HOLLISTER INCORPORATED		
2024306580	SHIH, C.; ANBOGEN THERAPEUTICS INC.		
2024307229	EXOLLENCE CO., LTD.		
2024310675	PINOTBIO, INC.		
2024310800	TETRA LAVAL HOLDINGS & FINANCE S.A.		
2024311784	LG ENERGY SOLUTION, LTD.		
2024312125	TETRA LAVAL HOLDINGS & FINANCE S.A.		
2024313621	TAPRITE MICRO MATIC, INC.		
2024315566	ALCON INC.		
2024318656	ZHEJIANG GEELY HOLDING GROUP CO., LTD.; GEELY AUTOMOBILE RESEARCH INSTITUTE (NINGBO) CO., LTD.		
2024330520	FURUKAWA ELECTRIC CO.,LTD.		
2024332280	LG ELECTRONICS INC.		
2024346792	OBI PHARMA, INC.		
2024360948	MAXTRAX AUSTRALIA PTY LTD		
2024422804	GLOUD CO.,LTD.		
2024423337	GLOUD CO.,LTD.		
2024424357	SEKISUI HOUSE, LTD.		
2024424564	SEKISUI HOUSE, LTD.		
2024432652	RADIOMEDIX, INC.		

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2024261068	2023446534	2023441967	2024245187 2024257530	<u>A61K 38 /-</u>	2023382265 2024224775 2024226024 2024229562 2024236444 2024236558 2024239501 2024240459 2024241026 2024241563 2024244293 2024251180 2024253022 2024258693 2024262170 2024346792	
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	2024255105	2024229840			
2024230525	2024262170	2024240383	<u>A61P 31 /-</u>	2023438271	<u>B01D 9 /-</u>
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2024266226	2024315566	2024242687	2024224721	2024240643	
2024286781	<u>A61L 15 /-</u>	2024245127	2024226225	<u>A62B 17 /-</u>	<u>B01J 19 /-</u>
		2024278770	2024227880		
<u>A61K 47 /-</u>	2024251740	<u>A61P 11 /-</u>	2024229213	2024257319	2024234824
	2024255105		2024229916		2024245974
2023433903		2024227022	2024235179	<u>A62D 5 /-</u>	<u>B01J 2 /-</u>
2023448948	<u>A61L 26 /-</u>	2024229840	2024240088		
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2024227022	2024240643	<u>A61P 13 /-</u>	<u>A61P 35 /-</u>		
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2024248543	<u>A61M 1 /-</u>	2024251180	2024236247	2024245980	2024248928
2024252371		<u>A61P 19 /-</u>	2024237943	2024259355	<u>B01J 6 /-</u>
2024253808	2024225841		2024238523	<u>A63F 13 /-</u>	
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2024264475	2024255105		2024239255	2024238469	2024248194
2024271903	2024259568	<u>A61P 21 /-</u>	2024239653	<u>A63F 3 /-</u>	<u>B01L 3 /-</u>
2024315566	<u>A61M 15 /-</u>		2024240088		
2024346792		2024249416	2024240398	2024232347	2024238199
<u>A61K 48 /-</u>	2024259120	<u>A61P 25 /-</u>	2024242063	2024259355	<u>B03B 5 /-</u>
			2024242687	<u>A63G 7 /-</u>	
2024224435	<u>A61M 16 /-</u>	2024224775	2024247444		2024230188
2024236558		2024227022	2024247864	2024232347	2024233284
2024241085	2024228803	2024229876	2024248331	2024259355	2024238199
2024241563	2024255662	2024230525	2024248543	<u>A63D 11 /-</u>	<u>B03B 5 /-</u>
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	2024253813	2024237691	2024270495	<u>B01D 11 /-</u>	<u>B06B 1 /-</u>
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		2024243715	2024346792	<u>B01D 15 /-</u>	<u>B08B 3 /-</u>
2023433903	2024253813	2024244259	<u>A61P 37 /-</u>		
2024286781		2024245158		2024230188	2024238199
<u>A61K 8 /-</u>	<u>A61M 3 /-</u>	2024249416	2023448948	<u>B01D 21 /-</u>	<u>B08B 7 /-</u>
	2024259568	2024251180	2024227022		
2023438271		2024254600	2024234088	2024242921	2024244378
2024240156	<u>A61M 39 /-</u>	2024262511	2024240383	<u>B01D 29 /-</u>	<u>B08B 9 /-</u>
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2024243121	2024256514	2024278770	2024252371	2024247336	2023437902
2024252798	<u>A61M 5 /-</u>	<u>A61P 27 /-</u>	2024257382		2024252425
			2024257687	<u>B01D 35 /-</u>	<u>B09B 3 /-</u>
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2024226024		2024232899	<u>A61P 5 /-</u>	2024257319	2024230785
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2024236558	2024229383	2024257687	<u>A61P 9 /-</u>	2023441383	2024238620
2024238367	2024244901	<u>A61P 3 /-</u>		2024225295	
2024240156	<u>A61N 5 /-</u>		2024224775	2024245105	
2024240383		2024224775	2024229840	2024245144	
2024240643	2024234606	2024247772	2024232899		
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2024257832	2024258922	2024246113	2024262308	2024251672	<u>C04B 18 /-</u>
<u>B25H 5 /-</u>	<u>B31F 1 /-</u>	<u>B60N 2 /-</u>	2024264521	<u>B67D 1 /-</u>	2024249813
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<u>B25J 5 /-</u>	2024230146	2024251060	2024267919	<u>C01B 32 /-</u>	2024249377
2024251672	<u>B33Y 30 /-</u>	<u>B60R 25 /-</u>	2024310800		<u>C04B 24 /-</u>
<u>B25J 9 /-</u>	2024230146	2024240885	<u>B65D 55 /-</u>	2023467478	2024248672
2024235814	<u>B33Y 50 /-</u>	<u>B60R 7 /-</u>	2024310800	2024245105	<u>C04B 28 /-</u>
2024251672	2024230146	2024251060	<u>B65D 59 /-</u>	<u>C01B 7 /-</u>	2024248672
<u>B26B 25 /-</u>	<u>B60B 11 /-</u>	<u>B60S 1 /-</u>	2024259955	2024262429	2024249377
2024262164	2023440153	2024318656	<u>B65D 6 /-</u>	<u>C01C 1 /-</u>	2024249813
<u>B26D 1 /-</u>	<u>B60B 3 /-</u>	<u>B62D 33 /-</u>	2024238620	2024248928	2024267343
2024262164	2024240885	2024251060	<u>B65D 61 /-</u>	<u>C01D 15 /-</u>	<u>C04B 40 /-</u>
<u>B27K 5 /-</u>	<u>B60B 39 /-</u>	<u>B63B 21 /-</u>	2024249925	2024229244	2024248672
2024265319	2024360948	2024234263	<u>B65D 65 /-</u>	2024238657	2024249377
<u>B27N 1 /-</u>	<u>B60B 7 /-</u>	<u>B63B 35 /-</u>	2024259955	2024252425	<u>C05C 3 /-</u>
2024258922	2024240885	2024234263	<u>B65D 71 /-</u>	<u>C01G 49 /-</u>	2024228325
<u>B27N 3 /-</u>	<u>B60J 7 /-</u>	<u>B64C 19 /-</u>	2024249925	2024254906	<u>C05F 11 /-</u>
2024258922	2024244351	2024269740	<u>B65D 83 /-</u>	<u>C02F 1 /-</u>	2024228325
<u>B27N 5 /-</u>	2024251060	<u>B64C 27 /-</u>	2024264521	2024225295	<u>C05F 3 /-</u>
2024258922	<u>B60L 15 /-</u>	2024269740	<u>B65D 85 /-</u>	2024230188	2024228325
<u>B29B 17 /-</u>	2024246113	<u>B64C 29 /-</u>	2024249925	2024239789	<u>C05F 9 /-</u>
2024248194	<u>B60L 5 /-</u>	2024269740	2024267919	2024242921	2024228325
<u>B29C 33 /-</u>	2024248307	<u>B64U 10 /-</u>	<u>B65F 1 /-</u>	2024247336	<u>C05G 3 /-</u>
2024232513	<u>B60L 50 /-</u>	2024245732	2024262344	2024252425	2024228325
2024258922	2024246113	<u>B64U 101 /-</u>	<u>B65G 1 /-</u>	2024262429	<u>C05G 5 /-</u>
<u>B29C 48 /-</u>	<u>B60L 53 /-</u>	2024245732	2024251672	<u>C02F 103 /-</u>	2024228325
2024234663	2024224018		<u>B65G 43 /-</u>	<u>C02F 11 /-</u>	2024228325
2024235214	2024224278		2023446534	2024242921	2024238694
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2024262511	2024239681	2024253140	2023382265	2023432464	2024265212
2024310675	2024243715	2024277290	2024224721		
	2024244259	<u>C07D 417 I/-</u>	2024224775	<u>C08G 18 I/-</u>	<u>C09D 7 I/-</u>
<u>C07C 235 I/-</u>			2024225572		
	<u>C07D 235 I/-</u>	2024240088	2024226024	2024252240	2024265212
2024242687		2024242063	2024229562		
	2024247444	2024248193	2024236444	<u>C08G 63 I/-</u>	<u>C09K 8 I/-</u>
<u>C07C 237 I/-</u>		2024277290	2024241026		
	<u>C07D 241 I/-</u>		2024241085	2024245732	2024249813
2024262511		<u>C07D 471 I/-</u>	2024242131	2024252240	
2024310675	2024253140		2024245952		<u>C10G 25 I/-</u>
		2024226381	2024246061	<u>C08G 77 I/-</u>	
<u>C07C 251 I/-</u>	<u>C07D 251 I/-</u>	2024239059	2024247363		2024248194
		2024239406	2024247796	2024240239	
2024238803	2024238694	2024239653	2024249429		<u>C10K 1 I/-</u>
		2024240088	2024253022	<u>C08J 9 I/-</u>	
<u>C07C 41 I/-</u>	<u>C07D 263 I/-</u>	2024248193	2024257922	2024245729	2024248194
			2024258693	2024252240	
2024246186	2024239681	<u>C07D 473 I/-</u>	2024261890		<u>C10L 3 I/-</u>
				<u>C08L 101 I/-</u>	
<u>C07C 45 I/-</u>	<u>C07D 295 I/-</u>	2024239653			2024252710
			<u>C07K 16 I/-</u>		2024256055
2024243114	2024247444			2024245732	
2024246186		<u>C07D 487 I/-</u>	2023433903		<u>C10L 5 I/-</u>
	<u>C07D 307 I/-</u>		2023438363	<u>C08L 67 I/-</u>	
<u>C07C 49 I/-</u>		2024238694	2024225572		2024234824
	2024239752	2024239059	2024226225	2024249680	
2024243114	2024254600	2024239406	2024229213		<u>C10M 101 I/-</u>
		2024240088	2024229916	<u>C08L 75 I/-</u>	
<u>C07C 51 I/-</u>	<u>C07D 309 I/-</u>	2024247444	2024236247		2024257296
		2024251657	2024238419	2024252240	
2024242687	2024264357	2024251684	2024239255		<u>C10M 115 I/-</u>
		2024252656	2024240129	<u>C08L 97 I/-</u>	
<u>C07C 67 I/-</u>	<u>C07D 317 I/-</u>	2024257382	2024241026		2024242632
		2024257687	2024245676	2024234824	
2024242687	2024229876		2024247864	<u>C09B 47 I/-</u>	<u>C10M 175 I/-</u>
	2024243114	<u>C07D 491 I/-</u>	2024248331		2024257296
<u>C07D 201 I/-</u>			2024248543	2024240398	
	<u>C07D 401 I/-</u>	2024240088	2024248775		<u>C12M 1 I/-</u>
2024245974		2024271903	2024248898	<u>C09B 67 I/-</u>	
	2024229840	2024346792	2024251844		2024229166
<u>C07D 207 I/-</u>	2024239059		2024253099	2024239017	2024230146
	2024239406	<u>C07D 495 I/-</u>	2024255174		2024238699
2024234874	2024240088		2024261307	<u>C09D 109 I/-</u>	
2024240088	2024247772	2024271903	2024270495		<u>C12M 3 I/-</u>
	2024248193	2024277290		2024254248	
<u>C07D 209 I/-</u>			<u>C07K 17 I/-</u>		2024230146
	<u>C07D 403 I/-</u>	<u>C07D 498 I/-</u>		<u>C09D 11 I/-</u>	
2024242063			2023382265		<u>C12N 13 I/-</u>
2024306580	2024229840	2024240088		2024238930	
	2024240088		<u>C07K 19 I/-</u>		2024233856
<u>C07D 211 I/-</u>		<u>C07D 519 I/-</u>		<u>C09D 127 I/-</u>	
	<u>C07D 405 I/-</u>	2024248193	2024236444		<u>C12N 15 I/-</u>
2024234874				2024254248	
2024246127	2024229840		<u>C07K 5 I/-</u>		2023433903
	2024234874	<u>C07F 5 I/-</u>		<u>C09D 129 I/-</u>	2023438363
<u>C07D 213 I/-</u>	2024238523		2024346792		2024224435
	2024240088	2023432464		2024254248	2024226024
2024243715	2024242063	2024243114	<u>C07K 7 I/-</u>		2024226225
2024244259	2024247772			<u>C09D 133 I/-</u>	2024229166
2024247444	2024248193	<u>C07H 1 I/-</u>	2023448948		2024229562
	2024253140		2024251180	2024247152	2024233856
<u>C07D 217 I/-</u>		2024241231	2024257451	2024265212	2024236558
	<u>C07D 409 I/-</u>	<u>C07H 19 I/-</u>			2024237943
2024248193			<u>C08F 2 I/-</u>	<u>C09D 175 I/-</u>	2024239330
	2024240088	2024241231			2024241085
<u>C07D 223 I/-</u>	2024248193		2024247152	2024254248	2024241563
		<u>C07K 1 I/-</u>		<u>C09D 183 I/-</u>	2024242131
2024277290	<u>C07D 413 I/-</u>		<u>C08F 220 I/-</u>		2024245158
		2024257451		2024242709	2024245952
<u>C07D 231 I/-</u>	2024239681		2024247152		2024246061
	2024240088				2024247363
2024241238					

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2024247796	<u>C22B 3 /-</u>	<u>D06F 105 /-</u>	<u>E03B 7 /-</u>	<u>E06B 9 /-</u>	<u>F03B 13 /-</u>
2024247959					
2024249429	2024238657	2024332280	2023437902	2023436475	2024262429
2024251844	2024254639				
2024255394	2024432652	<u>D06F 34 /-</u>	<u>E03C 1 /-</u>		<u>F03D 1 /-</u>
2024257922				<u>E21B 17 /-</u>	
2024261890	<u>C22B 60 /-</u>	2024332280	2023437902		2024255078
2024269222				2024224117	
2024307229	2024230188	<u>D06F 37 /-</u>	<u>E03D 1 /-</u>	2024259304	<u>F04B 53 /-</u>
	2024254639				
<u>C12N 5 /-</u>		2024332280	2024226325	<u>E21B 19 /-</u>	2024252781
	<u>C22C 18 /-</u>				
2023433903		<u>D06F 39 /-</u>	<u>E03D 11 /-</u>	2024224117	<u>F04F 1 /-</u>
2024224895	2024257683			2024266568	
2024230146		2024244378	2024238513	2024267832	2024252781
2024230780	<u>C22C 30 /-</u>	2024332280			
2024232721			<u>E03D 7 /-</u>	<u>E21B 21 /-</u>	<u>F16B 2 /-</u>
2024233447	2024257683	<u>D06F 58 /-</u>	2024238513	2023443445	2024229648
2024233856				2024249813	
2024234088	<u>C23C 2 /-</u>	2024244378	<u>E04B 1 /-</u>	2024259304	<u>F16B 45 /-</u>
		2024332280			
	2024257683				
<u>C12N 9 /-</u>		<u>D06N 3 /-</u>	2024274594	<u>E21B 23 /-</u>	2024259154
	<u>C23C 4 /-</u>		2024275762		
2024227880		2024240239	2024424357	2024248260	<u>F16C 1 /-</u>
2024236558	2024247805				
2024239330		<u>D06P 5 /-</u>	<u>E04B 2 /-</u>	<u>E21B 25 /-</u>	2024257296
2024244293	<u>C25B 1 /-</u>				
2024255394		2024238930	2024224501	2024248260	<u>F16C 33 /-</u>
2024257922	2023439737				
	2024225709	<u>E01B 29 /-</u>	<u>E04B 5 /-</u>	<u>E21B 29 /-</u>	2024257296
<u>C12P 13 /-</u>	2024262429				
		2024241417	2024275762	2024266568	<u>F16G 11 /-</u>
2024255394	<u>C25B 15 /-</u>	<u>E01B 31 /-</u>	<u>E04C 1 /-</u>	<u>E21B 3 /-</u>	2024234263
2024262114					
2024263582	2023439737	2024241417	2024224501	2024259304	<u>F16H 1 /-</u>
<u>C12P 19 /-</u>	<u>C25B 9 /-</u>	<u>E01C 13 /-</u>	<u>E04D 3 /-</u>	<u>E21B 33 /-</u>	2024244351
2024229166	2024225709	2024225208	2024274594	2024224117	<u>F16H 57 /-</u>
2024241231				2024231123	
<u>C12P 21 /-</u>	<u>C25D 17 /-</u>	<u>E01C 19 /-</u>	<u>E04G 17 /-</u>	2024249813	2024244351
	2024245096				
2024230780		2023444537	2024233554	<u>E21B 34 /-</u>	<u>F16L 3 /-</u>
<u>C12Q 1 /-</u>	<u>C25D 3 /-</u>	<u>E01H 5 /-</u>	2024424357		
	2024245096		<u>E04G 9 /-</u>	2023443445	2024249925
2024227981		2023459717		<u>E21B 43 /-</u>	<u>F16L 55 /-</u>
2024230780	<u>C25D 5 /-</u>	2023470122	2024233554		
2024237943			2024424357	2023443445	2024245096
2024239768	2024245096	<u>E02B 11 /-</u>		2024224117	<u>F16N 39 /-</u>
2024240270			<u>E04H 4 /-</u>		
2024247864	<u>C25D 7 /-</u>	2024225208		<u>E21B 47 /-</u>	2024257296
2024259599			2024239349		
2024262114	2024245096	<u>E02B 13 /-</u>	2024243213	2023437902	<u>F16N 7 /-</u>
2024263582	<u>C30B 13 /-</u>	2024225208	<u>E05B 43 /-</u>	2024249011	
					2024257296
<u>C22B 11 /-</u>	2024252500	<u>E02D 27 /-</u>	2023373309	<u>E21B 49 /-</u>	
2024254639	<u>C30B 29 /-</u>	2024424357	<u>E05B 77 /-</u>	2024231306	<u>F21V 31 /-</u>
<u>C22B 13 /-</u>	2024252500	<u>E02D 5 /-</u>	2024240885	<u>E21B 7 /-</u>	2024255202
2024432652	<u>D04B 1 /-</u>	2024424564	<u>E05D 11 /-</u>	2024259304	<u>F21V 33 /-</u>
<u>C22B 15 /-</u>		<u>E02D 7 /-</u>	2024273687	<u>E21D 20 /-</u>	2024264053
	2023441996				
2024254639	2023443519	2024424564	<u>E05D 7 /-</u>	2024244869	<u>F21V 8 /-</u>
				2024247599	2024264053
<u>C22B 26 /-</u>	<u>D06F 103 /-</u>	<u>E02F 3 /-</u>	2024273687	<u>E21D 21 /-</u>	
	2024332280				<u>F21Y 103 /-</u>
2024238657		2024242682	<u>E05F 15 /-</u>	2024244869	
				2024247599	2024264053
			2024238795		

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

<u>F21Y 113 I/-</u>	2024262382	<u>G02B 7 I/-</u>	<u>G06N 20 I/-</u>	<u>G06V 10 I/-</u>	<u>G16H 10 I/-</u>
2024264053	<u>G01N 23 I/-</u>	2024265319	2024224360	2024230146	2024237424
<u>F21Y 115 I/-</u>	2023437902	<u>G05B 19 I/-</u>	2024237424	2024258103	2024247873
2024264053	<u>G01N 33 I/-</u>	2023373309	2024238379	2024258194	2024423337
<u>F23J 15 I/-</u>	2023433903	<u>G05D 1 I/-</u>	2024239718	2024423337	<u>G16H 20 I/-</u>
2024245105	2024233284	<u>G06N 3 I/-</u>	2024260970	<u>G06V 20 I/-</u>	2024245187
	2024235330			2024230146	2024247864
<u>F24F 1 I/-</u>	2024237226	2023465630	2024224360	<u>G07C 9 I/-</u>	2024257530
2024247753	2024237424	2023468880	2024239718		<u>G16H 30 I/-</u>
	2024238241	2023470122	2024252295	2023373309	2024247873
	2024239301	2023470647	2024258597	<u>G07F 17 I/-</u>	
<u>F24S 23 I/-</u>	2024239789	<u>G05G 1 I/-</u>	<u>G06Q 10 I/-</u>		<u>G16H 40 I/-</u>
2024237958	2024239885		2024224360	2024259355	2024244901
	2024240270	2024287274	2024232251	<u>G08B 21 I/-</u>	2024257530
<u>F24S 30 I/-</u>	2024247864	<u>G06F 11 I/-</u>	2024245770		2024258103
	2024247888		2024251672	2024224910	<u>G16H 50 I/-</u>
2024253411	2024248775	2024262440	<u>G06Q 20 I/-</u>	<u>G08B 25 I/-</u>	
	2024253099				2024237424
<u>F25B 1 I/-</u>	<u>G01N 35 I/-</u>	<u>G06F 16 I/-</u>	2024238618	2024224910	2024248432
2024247996	2024238199		2024243507	<u>G09B 19 I/-</u>	2024277269
<u>F28G 9 I/-</u>	<u>G01N 9 I/-</u>	2024224360	2024248977		<u>G16Y 20 I/-</u>
2024252425	2023437902	2024238618	2024255244	2024225791	2024224910
		2024239585	2024259019	2024228382	
<u>G01C 21 I/-</u>	<u>G01R 33 I/-</u>	2024239718	<u>G06Q 30 I/-</u>	2024229695	<u>G16Y 40 I/-</u>
2023465607	2024238010	<u>G06F 17 I/-</u>		<u>G09B 5 I/-</u>	2024224910
<u>G01D 18 I/-</u>	<u>G01S 19 I/-</u>	2024231306	2024239718	2024228382	<u>G21K 1 I/-</u>
2024237226	2023465607	2024251642	2024243507	2024229695	
<u>G01D 21 I/-</u>	<u>G01V 1 I/-</u>	<u>G06F 21 I/-</u>	2024245770		2024231960
2024251642	2024240208		2024256754	<u>G09B 7 I/-</u>	<u>H01M 10 I/-</u>
	2024245732	2024238379	2024423337	2024229695	2023467478
<u>G01F 1 I/-</u>	<u>G01V 11 I/-</u>	2024239718	<u>G06Q 50 I/-</u>		<u>H01M 4 I/-</u>
2023437902	2024239585	2024245770	2024224910	2024228382	2023467478
<u>G01J 1 I/-</u>	<u>G01V 20 I/-</u>	<u>G06F 3 I/-</u>	2024229256	2024225440	2024229244
2024237485			2024239718	2024226319	<u>H01M 50 I/-</u>
<u>G01L 19 I/-</u>	2024239585	<u>G06F 40 I/-</u>	2024244557	<u>G10L 19 I/-</u>	
2024233554	<u>G02B 17 I/-</u>	2024238618	2024244923		<u>H01M 8 I/-</u>
	2024231960	2024256820	2024245770	2024224308	2023467478
<u>G01L 9 I/-</u>	<u>G02B 21 I/-</u>	2024287274	2024422804	2024225440	2024229244
2024233554	<u>G01V 20 I/-</u>	2024422804	<u>G06T 13 I/-</u>	2024226319	<u>H01M 50 I/-</u>
<u>G01M 99 I/-</u>		<u>G06F 40 I/-</u>		<u>G10L 21 I/-</u>	
2024233554	2024231960	2024224360	2024254295	<u>G10L 25 I/-</u>	<u>H01M 50 I/-</u>
<u>G01N 1 I/-</u>	<u>G02B 17 I/-</u>	2024239718	<u>G06T 17 I/-</u>		2024311784
2024238199	<u>G02B 21 I/-</u>	2024258597		2024252295	<u>H01M 8 I/-</u>
<u>G01N 15 I/-</u>	<u>G02B 23 I/-</u>	<u>G06F 8 I/-</u>	2024239585	2024252295	2024225709
2024253099			<u>G06T 19 I/-</u>	<u>G16B 20 I/-</u>	2024241128
<u>G01N 21 I/-</u>	<u>G02B 23 I/-</u>	2024260970			<u>H01Q 1 I/-</u>
	2024231960	<u>G06F 9 I/-</u>	2024231306	2024240487	2023453138
	<u>G02B 5 I/-</u>		<u>G06T 7 I/-</u>	2024259599	<u>H01R 11 I/-</u>
	<u>G02B 5 I/-</u>	2024260970		<u>G16B 25 I/-</u>	<u>H01R 11 I/-</u>
<u>G01N 15 I/-</u>	<u>G02B 6 I/-</u>	<u>G06K 19 I/-</u>	2024231306		2024229648
2024253099		2024224910	20242427873	2024277269	2024229648
	2024231960		2024248521	<u>G16B 40 I/-</u>	<u>H01R 4 I/-</u>
<u>G01N 15 I/-</u>	<u>G02B 6 I/-</u>	<u>G06K 7 I/-</u>	2024253877		2024229648
2024253099		2024231306	2024423337	2024240487	2024229648
	2024242643		<u>G06T 9 I/-</u>	2024277269	<u>H01S 3 I/-</u>
<u>G01N 21 I/-</u>	2024265319	<u>G06N 10 I/-</u>	2024254295	<u>G16C 60 I/-</u>	2024242643
2024231306		2024230131		2024229256	
2024258103					

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<u>H01T 19 /-</u>		<u>H04W 12 /-</u>
2024247805		2024244923
<u>H02G 1 /-</u>	<u>H02S 40 /-</u>	2024253527
	2024224018	
	2024224278	
2024229648	2024225247	<u>H04W 24 /-</u>
<u>H02G 13 /-</u>	<u>H03M 13 /-</u>	2024241957
	2024230131	<u>H04W 36 /-</u>
2024247805	<u>H04B 7 /-</u>	2024250554
<u>H02G 9 /-</u>	2024246802	<u>H04W 4 /-</u>
2024330520	<u>H04L 1 /-</u>	2024224910
<u>H02H 3 /-</u>	2024282112	2024244923
2023447599	<u>H04L 12 /-</u>	<u>H04W 48 /-</u>
2024266119	2024253527	2024267203
<u>H02H 5 /-</u>	<u>H04L 41 /-</u>	<u>H04W 52 /-</u>
2024266119	2024253527	2024290483
<u>H02H 7 /-</u>	2024256820	<u>H04W 64 /-</u>
2024266119	<u>H04L 45 /-</u>	2024251045
<u>H02J 3 /-</u>	2023442127	<u>H04W 72 /-</u>
2024250619	<u>H04L 47 /-</u>	2024247436
2025208504	2023442127	<u>H04W 76 /-</u>
<u>H02J 5 /-</u>	<u>H04L 5 /-</u>	2024244923
2024241819	2024282112	2024290483
<u>H02J 50 /-</u>	<u>H04L 51 /-</u>	<u>H04W 8 /-</u>
2024237485	2024422804	2024244923
<u>H02J 7 /-</u>	<u>H04L 61 /-</u>	2024245066
2024224018	2024245066	<u>H04W 84 /-</u>
2024224278	2024256685	2024267203
<u>H02J 9 /-</u>	<u>H04L 67 /-</u>	2024290483
2024250619	2024239718	<u>H04W 88 /-</u>
<u>H02M 1 /-</u>	<u>H04L 9 /-</u>	2024224910
2024241819	2024245770	2024267203
2024250816	2024248977	<u>H04W 92 /-</u>
<u>H02M 3 /-</u>	2024253527	2024244923
2024241819	<u>H04M 3 /-</u>	<u>H05F 3 /-</u>
<u>H02M 5 /-</u>	2024244923	2024247805
2024250816	<u>H04N 19 /-</u>	<u>H05K 5 /-</u>
<u>H02M 7 /-</u>	2023432973	2024255202
2024241819	2024246689	<u>H05K 7 /-</u>
2024250816	2024251883	2024252001
<u>H02S 20 /-</u>	2024285254	
2024224018	<u>H04S 7 /-</u>	
2024224278	2024226319	
2024225247		
2024237958		
2024253411		

Applications Accepted

Name Index

(71) 0798465 B.C. LTD
 (11) AU-B-2021330793
 (21) 2021330793 (22) 20.08.2021
 (54) Electrochemical hydroxide and carbon dioxide regeneration method and apparatus
 (51) Int. Cl.
B01D 61/42 (2006.01)
C25B 1/02 (2006.01)
 (87) WO2022/040784
 (31) 63/069,302 (32) 24.08.20 (33) US
 (43) 03.03.2022
 (44) 09.10.2025
 (72) OLOMAN, Colin
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) 10xBeta
 (11) AU-B-2021215853
 (21) 2021215853 (22) 03.02.2021
 (54) System and method for locking a controlled medical therapy device
 (51) Int. Cl.
A61M 11/00 (2006.01)
 (87) WO2021/158592
 (31) 62/969,421 (32) 03.02.20 (33) US
 (43) 12.08.2021
 (44) 09.10.2025
 (72) BOTHA, Marcel; KRUGER, Frederick Zacharias; BREDEKAMP, Johannes Michiel
 (74) Spruson & Ferguson

(71) 1E THERAPEUTICS, LTD.
 (11) AU-B-2021374966
 (21) 2021374966 (22) 09.11.2021
 (54) CATALYTIC SEQUENCE BASED METHODS OF TREATING OR PREVENTING BACTERIAL INFECTIONS
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/43 (2006.01)
A61K 31/431 (2006.01)
A61K 31/711 (2006.01)
A61K 31/7115 (2006.01)
A61P 31/04 (2006.01)
 (87) WO2022/097157
 (31) 63/111,118 (32) 09.11.20 (33) US
 (43) 12.05.2022
 (44) 09.10.2025
 (72) BACHELET, Ido; HOROWITZ, Almogit; ROSENBERG, Alexander; SHAPIRO, Anastasia; OSHRI, Ron; KODKIN-GAL, Ilana; LEVY-ZAMIR, Adva; KRIEGER, Gat; GILLIS, Ella; ITTAH, Shmulik
 (74) Griffith Hack

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B22F 8/00 (2006.01)
B22F 9/04 (2006.01)
B22F 9/14 (2006.01)
B33Y 70/00 (2020.01)
C22C 1/04 (2023.01)
C22C 14/00 (2006.01)
C22C 19/03 (2006.01)
C22C 19/07 (2006.01)
C22C 38/00 (2006.01)
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A61K 31/443 (2006.01)
A61K 31/4433 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07D 401/02 (2006.01)
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A61M 21/02 (2006.01)
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A61F 7/00 (2006.01)
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A61K 31/5025 (2006.01)
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C12M 1/34 (2006.01)
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A61K 38/20 (2006.01)
A61P 3/10 (2006.01)
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C12N 5/0783 (2010.01)

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F41C 7/06 (2006.01)
F41A 3/72 (2006.01)
F41A 19/00 (2006.01)
F41A 19/34 (2006.01)
F41A 19/47 (2006.01)
F41C 7/00 (2006.01)
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G06F 11/30 (2006.01)
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G01N 35/10 (2006.01)
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B01D 53/04 (2006.01)
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F04B 39/02 (2006.01)
F04B 39/06 (2006.01)
F04B 41/06 (2006.01)
F04C 23/00 (2006.01)
F04D 25/16 (2006.01)
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B64D 17/80 (2006.01)
B64U 10/16 (2023.01)
B64U 30/294 (2023.01)
B64U 30/295 (2023.01)
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A61M 25/01 (2006.01)
A61B 17/00 (2006.01)
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F28C 1/12 (2006.01)
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 B01D 11/04 (2006.01)
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G06T 7/00 (2017.01)
G06V 10/28 (2022.01)
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C07K 14/47 (2006.01)
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A61F 9/008 (2006.01)
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A23K 20/105 (2016.01)

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(21) 2023223327 **(22)** 09.02.2023
(54) POLYMORPHIC FORM OF REDUCED β -NICOTINAMIDE MONONUCLEOTIDE DISODIUM SALT, AND PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07H 19/048 (2006.01)
A23L 33/13 (2016.01)
A61K 8/60 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 13/12 (2006.01)
A61P 15/00 (2006.01)
A61P 17/14 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 27/02 (2006.01)
A61P 27/06 (2006.01)
A61P 29/00 (2006.01)
A61P 39/02 (2006.01)
A61Q 5/02 (2006.01)
A61Q 19/00 (2006.01)
A61Q 19/08 (2006.01)
C07H 1/06 (2006.01)
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D04H 1/4382 (2012.01)
A45D 44/00 (2006.01)
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H05B 6/06 (2006.01)
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(54) DRUG DELIVERY DEVICE CASSETTE
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A61M 5/14 (2006.01)
A61M 5/48 (2006.01)
A61M 5/00 (2006.01)
A61M 5/142 (2006.01)
A61M 5/24 (2006.01)
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H10F 99/00 (2025.01)
G06K 19/07 (2006.01)
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B04B 11/04 (2006.01)
B01D 33/00 (2006.01)
B04B 1/00 (2006.01)
B04B 1/14 (2006.01)
D06F 49/00 (2006.01)
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G16B 20/00 (2019.01)
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C02F 1/461 (2006.01)
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A61K 9/00 (2006.01)
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BOESEN, Dorthe Schackinger;
BRUUN, Heidi Ziegler; NIELSEN, Kent
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MARK ATTORNEYS PTY LTD

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AG
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turbine
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F03D 1/04 (2006.01)
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B61K 9/08 (2006.01)
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William
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E04H 17/14 (2006.01)
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data collection for native applications
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G06F 21/62 (2013.01)
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(54) Blood treatment device comprising al-
kaline phosphatase
(51) Int. Cl.
A61M 1/36 (2006.01)
A61M 1/34 (2006.01)
B01D 63/02 (2006.01)
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placement
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B01F 35/00 (2022.01)
B28C 5/42 (2006.01)
B28C 7/02 (2006.01)
B28C 7/04 (2006.01)
G05B 19/18 (2006.01)
G07C 5/02 (2006.01)
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Mark F.; STRAKA, Jason; BERODIER,
Elise; AUSTIN, Greg; HOOPES, Robert
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EQUIPMENT CO., LTD.; HEFEI MIDEA
HEATING & VENTILATING EQUIP-
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(54) FAN ASSEMBLY AND AIR CONDI-
TIONER
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F24F 1/0018 (2019.01)
F24F 13/08 (2006.01)
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(54) Synthetic and recombinant collagen
peptides having biological activity
(51) Int. Cl.
A61K 38/39 (2006.01)
A23L 33/18 (2016.01)
A61K 8/65 (2006.01)
A61K 38/04 (2006.01)
A61P 1/00 (2006.01)
A61P 9/00 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 19/08 (2006.01)
A61P 19/10 (2006.01)
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C07K 14/78 (2006.01)
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Martin
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MATERIAL**
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comprising closed-ended DNA and
cleavable lipids and methods of use
thereof
(51) Int. Cl.

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KLATTE, Debra; LIU, Leah Yu;
CHIOCCO, Matthew James; STAN-
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TERTON, Jon Edward
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(51) Int. Cl.
B01L 3/00 (2006.01)
G01N 35/10 (2006.01)
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(74) FB Rice Pty Ltd

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hair growth, control of hair fall, dandruff
and infections thereof using Ageratum
spp.
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A61K 36/00 (2006.01)
A61Q 7/00 (2006.01)
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(43) 18.02.2021
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VENKATESH, Ramasamy Varadarajan;
VEERAVALLI, Jith
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treatment of severe PKU by liver-direc-
ted gene replacement therapy
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A61K 38/44 (2006.01)
C12N 15/864 (2006.01)
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tailings from mining, low-hardness min-
erals and industrial, electronic and con-
struction waste, and products obtained
therefrom
(51) Int. Cl.
B03C 1/005 (2006.01)
B03C 3/00 (2006.01)
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Inc.
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(54) METHODS AND APPARATUS FOR
BUILDING EXPANDED SHAFT AU-
GURED FOUNDATION ELEMENTS
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E02F 3/06 (2006.01)
E21B 17/22 (2006.01)
E02D 5/22 (2006.01)
E02D 7/22 (2006.01)
E02D 27/12 (2006.01)
E21B 10/44 (2006.01)
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A61L 2/10 (2006.01)
A61L 2/24 (2006.01)
A61L 2/26 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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nection between two enclosed volumes
having enhanced safety
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B25J 21/02 (2006.01)
E05B 65/00 (2006.01)
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E06B 5/00 (2006.01)
G21F 7/005 (2006.01)
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C07C 2/04 (2006.01)
C10L 1/04 (2006.01)
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(71) Glaukos Corporation
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(21) 2023270343 **(22)** 24.11.2023
(54) Implants with controlled drug delivery
features and methods of using same
(51) Int. Cl.
A61F 9/00 (2006.01)
(43) 14.12.2023
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(72) David S. Haffner; Thomas W. Burns;
Harold A. Heitzmann; Kenneth M. Curry
(74) Davies Collison Cave Pty Ltd

(71) Glencal Technology Co., Ltd.
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production method for molding material
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B09B 3/00 (2022.01)
C08L 101/00 (2006.01)
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(43) 23.12.2021
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(11) AU-B-2023266299
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(54) Anti-fatigue lactobacillus composition
and use thereof
(51) Int. Cl.
C12N 1/20 (2006.01)
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
A61P 43/00 (2006.01)
C12R 1/225 (2006.01)
C12R 1/24 (2006.01)
C12R 1/25 (2006.01)
(31) 112113702 **(32)** 12.04.23 **(33)** TW
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(72) Chin-Chu CHEN; Yen-Lien CHEN;
Shih-Wei LIN; You-Shan TSAI; Tzu-

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(74) Allens Patent & Trade Mark Attorneys

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(11) AU-B-2025210808
(21) 2025210808 (22) 31.07.2025
(54) Mobile and Modular Nitrogen Production System and Method
(51) Int. Cl.
H05H 1/48 (2006.01)
C01B 21/20 (2006.01)
C02F 1/46 (2023.01)
(31) 63/713,958 (32) 30.10.24 (33) US
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(21) 2020426953 (22) 12.03.2020
(54) Sidelink transmission resource configuration method and system, and device and storage medium
(51) Int. Cl.
H04W 4/70 (2018.01)
H04W 72/02 (2009.01)
(87) WO2021/155622
(31) PCT/ CN2020/074293 (32) 04.02.20 (33) CN
(43) 12.08.2021
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(71) GUANGZHOU RIBOBIO CO., LTD.
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(21) 2024202698 (22) 26.03.2024
(54) Three cluster galactose type compound, conjugate, making method and use thereof
(51) Int. Cl.
C07H 15/12 (2006.01)
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H04N 19/463 (2014.01)
H04N 19/70 (2014.01)
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A23C 19/068 (2006.01)
A23C 9/123 (2006.01)
A23C 19/032 (2006.01)
A23C 21/02 (2006.01)
C12R 1/46 (2006.01)
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G08B 21/02 (2006.01)
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E21B 33/04 (2006.01)
E21B 33/10 (2006.01)
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E05B 63/12 (2006.01)
E05C 1/00 (2006.01)
G07C 9/00 (2020.01)
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 ING SYSTEM FOR MONITORING A
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 MOTOR VEHICLE
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H04B 10/112 (2013.01)
G01S 17/00 (2020.01)
G08G 1/04 (2006.01)
H04B 10/114 (2013.01)
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C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C22C 38/08 (2006.01)
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H02K 21/12 (2006.01)
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 METHOD THEREFOR
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H10F 77/20 (2025.01)
H10F 71/00 (2025.01)
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A61P 11/06 (2006.01)
C12N 15/63 (2006.01)
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B32B 27/12 (2006.01)
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B60L 50/61 (2019.01)
B60L 53/14 (2019.01)
B60P 3/41 (2006.01)
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A01G 25/16 (2006.01)
F16L 3/205 (2006.01)
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F16L 27/02 (2006.01)
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(51) Int. Cl.
B23Q 7/05 (2006.01)
B60P 3/40 (2006.01)
E01F 15/00 (2006.01)
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B02C 23/00 (2006.01)
B02C 15/00 (2006.01)
B02C 17/18 (2006.01)
B02C 17/20 (2006.01)
B02C 23/08 (2006.01)
G01B 11/00 (2006.01)
G01B 11/24 (2006.01)
G01B 11/30 (2006.01)
G06T 7/10 (2017.01)
G06T 7/155 (2017.01)
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(74) RnB IP Pty Ltd

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A01K 15/00 (2006.01)
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C07D 471/04 (2006.01)
A61P 31/16 (2006.01)
A61P 31/18 (2006.01)
A61P 35/00 (2006.01)
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H10F 71/00 (2025.01)

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 measurements of localized radiation to
 estimate the magnitude, location, and
 volume of radioactive material in the
 body
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A61B 6/00 (2006.01)
G01T 1/161 (2006.01)
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(51) Int. Cl.
A24F 40/40 (2020.01)
A24B 15/16 (2020.01)
A24F 40/05 (2020.01)
A24F 40/10 (2020.01)
A24F 40/48 (2020.01)
A24F 47/00 (2020.01)
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A23G 9/38 (2006.01)
A23G 9/42 (2006.01)
A23G 9/44 (2006.01)
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B01D 61/00 (2006.01)
C01D 15/00 (2006.01)
C01D 15/02 (2006.01)
C01D 15/06 (2006.01)
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(72) Dara, Saad; Zahiri, Beniamin
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(51) Int. Cl.
B66F 9/065 (2006.01)
B66F 17/00 (2006.01)
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(74) Halfords IP

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(54) Improved apparatus
(51) Int. Cl.
B66F 9/06 (2006.01)
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 NETIC ENGINEERING USING PRO-
 GRAMMABLE ADDITION VIA SITE-
 SPECIFIC TARGETING ELEMENTS
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(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
C12N 9/12 (2006.01)
C12N 9/22 (2006.01)
C12N 15/90 (2006.01)
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 Jonathan
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 analytical sample by borate fusion with
 electric heating
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G01N 1/44 (2006.01)
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G01N 21/31 (2006.01)
G01N 23/2202 (2018.01)
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 NOBLESSE, Arnaud; LEMELIN, Xavier
(74) JMSD IP Pty Ltd

(71) MatOrtho Limited
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(54) Ceramic monobloc femoral component,
 kit and system comprising the same,
 and method of manufacture and use
 thereof
(51) Int. Cl.
A61F 2/30 (2006.01)
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A61F 2/36 (2006.01)
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(54) MOTORCYCLE RECOVERY DEVICE
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B60B 39/12 (2006.01)
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B23C 3/12 (2006.01)

B26D 3/16 (2006.01)

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A61K 35/644 (2015.01)
A61K 36/31 (2006.01)
A61K 36/82 (2006.01)
A61K 36/88 (2006.01)
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A47B 83/04 (2006.01)
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G06F 18/22 (2023.01)
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FROM PLURIPOTENT STEM CELLS
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A61K 35/30 (2015.01)
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C12N 5/00 (2006.01)
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MODULE
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INSTALLATION METHOD
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Kazuki; OSADA Toshiyuki; ICHIKAWA
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GENERATOR SET CONTAINER AND
UTILIZATION METHOD THEREOF
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H02S 10/40 (2014.01)
H02S 20/30 (2014.01)
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A61M 11/00 (2006.01)
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B05B 17/06 (2006.01)
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A45D 31/00 (2006.01)
A45D 29/00 (2006.01)
A61K 8/84 (2006.01)
A61Q 3/02 (2006.01)
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C07D 293/12 (2006.01)
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CONTAINER WITH CURLED AND
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B31B 50/26 (2017.01)
B65D 81/00 (2006.01)
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H02H 7/085 (2006.01)
H02J 7/00 (2006.01)
H02P 6/182 (2016.01)
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A61K 8/27 (2006.01)
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A23L 2/38 (2021.01)
A23L 2/52 (2006.01)
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A01C 7/06 (2006.01)
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B29C 65/00 (2006.01)
B65B 9/207 (2012.01)
B65B 59/02 (2006.01)
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C40B 30/04 (2006.01)
C40B 40/02 (2006.01)
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H05K 5/04 (2006.01)
H05K 5/13 (2025.01)
H05K 7/02 (2006.01)
H05K 7/06 (2006.01)
H05K 7/14 (2006.01)
H05K 1/02 (2006.01)

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(43) 04.04.2024
(44) 09.10.2025
(62) 2022203459
(72) ELLIOTT, Garth; ROMANO, Joseph
(74) FB Rice Pty Ltd

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(11) AU-B-2024200285
(21) 2024200285 (22) 16.01.2024
(54) PHOTOVOLTAIC CELL AND PHOTO-VOLTAIC MODULE

(51) Int. Cl.
H01L 21/04 (2006.01)
H10D 86/00 (2025.01)
H10D 99/00 (2025.01)
H10F 19/00 (2025.01)
H10F 77/00 (2025.01)

(43) 01.02.2024
(44) 09.10.2025
(62) 2022283790
(72) Jin, Jingsheng; Zhang, Bo; Zhang, Bike; Liao, Guangming; Zhang, Lin'an; Zhang, Xinyu
(74) AJ Pietras IP Limited

(71) Zhejiang Orient Gene Biotech Co., Ltd
(11) AU-B-2022205224
(21) 2022205224 (22) 13.07.2022
(54) DEVICE FOR DETECTING AN ANALYTE IN A LIQUID SAMPLE

(51) Int. Cl.
B01L 3/00 (2006.01)
A61B 10/02 (2006.01)
G01N 1/10 (2006.01)
G01N 1/28 (2006.01)

(31) 2022103771424 (32) 11.04.22 (33) CN
2022102544334 15.03.22 CN
63/333,299 21.04.22 US
63/327,048 04.04.22 US

(43) 05.10.2023
(44) 09.10.2025
(72) LEI, Siyu; FANG, Jianqiu
(74) Baxter Patent Attorneys Pty Ltd

(71) Zoetis Services LLC
(11) AU-B-2019236328
(21) 2019236328 (22) 18.03.2019
(54) Peptide vaccines against Interleukin-31

(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/385 (2006.01)
G01N 33/68 (2006.01)

(87) WO2019/178601
(31) 62/643,921 (32) 16.03.18 (33) US
(43) 19.09.2019
(44) 09.10.2025
(72) BAMMERT, Gary Francis; DUNHAM, Steven Alan
(74) Davies Collison Cave Pty Ltd

(71) Zymeworks BC Inc.
(11) AU-B-2023214302
(21) 2023214302 (22) 10.08.2023
(54) Antigen-binding polypeptide constructs comprising kappa and lambda light chains and uses thereof

(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
C07K 16/00 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
C12P 21/00 (2006.01)
(43) 31.08.2023
(44) 09.10.2025
(62) 2016334063
(72) UROSEV, Dunja; SANCHES, Mario; TOM-YEW, Stacey A.I.; PRESTA, Leonard G.
(74) Spruson & Ferguson

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2018346116	Joint Stock Company "BIOCAD"	2020214771	Board of Regents, The University of Texas System
2018378683	Memorial Sloan-Kettering Cancer Center	2020215351	Trivver, Inc.
2018383679	Amgen Inc.	2020216251	N.V. Nutricia
2018385756	Aleta Biotherapeutics Inc.; Regents of the University of Minnesota	2020216468	RO Technologies, LLC
2018392826	Institut Pasteur; Centre National de la Recherche Scientifique	2020219387	ZeoSys Medical GmbH
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2019206038	Humanihut Pty Ltd	2020222515	Nutrien AG Solutions (Canada) Inc.
2019208102	Takeda Pharmaceutical Company Limited	2020223720	Thirona B.V.
2019215031	Novartis AG; The Trustees of University of Pennsylvania	2020225665	Sasol Chemie GmbH & Co KG
2019222705	Horizon Therapeutics Ireland DAC	2020227525	Otsuka Pharmaceutical Co., Ltd.
2019236328	Zoetis Services LLC	2020228621	CareFusion 303, Inc.
2019263297	Castle Biosciences, Inc.	2020230300	CATERPILLAR INC.
2019269418	Alnylam Pharmaceuticals, Inc.	2020230424	Allnex Netherlands
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2019280518	Blink AG	2020231463	Gambro Lundia AB
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2019290198	Regeneron Pharmaceuticals, Inc.	2020239026	Alumis Inc.
2019293530	ApitBio, Inc.	2020239964	HOYA Optical Labs of America, Inc.
2019294515	Boehringer Ingelheim RCV GmbH & Co KG; VALIDO-GEN GmbH; Lonza Ltd	2020240015	Unicycive Therapeutics Inc.
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2019326259	V2 Food Pty Ltd	2020251016	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin
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2019357039	Genzyme Corporation	2020255203	SNF Group
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2019393082	Sicking Safety Systems LLC	2020265723	Assa Abloy Entrance Systems AB
2019394669	DSM IP Assets B.V.	2020266947	Beijing Tide Pharmaceutical Co., Ltd.
2019396125	Destec Pty Ltd	2020268730	Advanced Neuromodulation Systems, Inc.
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2019431872	Bomersbach, D.; Richardson, D.	2020274989	Qualcomm Incorporated
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2020200580	Kabushiki Kaisha Aichi Corporation	2020287819	FNV IP B.V.
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2020206188	PhysiClean Ltd.	2020295730	InnoMedica Holding AG
2020208878	Kahlman, S.	2020296862	BioAegis Therapeutics Inc.; President and Fellows of Harvard College
2020212026	University of Florida Research Foundation, Incorporated	2020298124	Technip N-Power
2020212683	Valorisation-HSJ, Limited Partnership	2020300522	The Chemours Company FC, LLC

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2020310463	Flowgen Development & Management AG	2021300838	Bard Access Systems, Inc.
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2020315966	Quest Medical, Inc.	2021308712	Novartis AG
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2020319063	Memorial Sloan Kettering Cancer Center	2021330793	0798465 B.C. LTD
2020320249	Niverplast Holding B.V.	2021332291	SUNTORY HOLDINGS LIMITED
2020320351	AgJunction LLC	2021336120	PEESHRANEH SAMANEH PARAND
2020321013	GCP Applied Technologies Inc.	2021345339	INSTITUTE FOR BASIC SCIENCE
2020322657	Societe des Produits Nestle S.A.	2021348426	HYNDS LIMITED
2020323602	Avent, Inc.	2021357702	Raytheon Company
2020326236	RUAG Ammotec AG	2021359855	VIASAT, INC.
2020328038	Amgen Inc.	2021360938	VIASAT, INC.
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2020331101	Mitsubishi Materials Corporation	2021373522	DEJERO LABS INC.
2020332746	Syngenta Crop Protection AG	2021374966	1E THERAPEUTICS, LTD.
2020333979	Janus International Group, LLC	2021376057	SBIOMEDICS
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2020337254	Mabee Engineered Solutions, Inc.	2021398499	CJ CHEILJEDANG CORPORATION
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2020342239	Isol8 (Holdings) Limited	2021421855	HEALTH PARK CO., LTD.
2020342665	Hexacore, Inc.	2021441505	IPVideo Corporation
2020342668	Generation Bio Co.	2021453881	KWAZULU-NATAL SHARKS BOARD
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2020348523	Airtender Works B.V.	2021463409	COLGATE-PALMOLIVE COMPANY
2020350118	Sandvik Mining and Construction Oy	2021468291	HALLIBURTON ENERGY SERVICES, INC.
2020351724	AddOn Optics Ltd.	2021479254	NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG
2020352007	Huawei Digital Power Technologies Co., Ltd.	2022200437	Oil Lift Technology Inc.
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2020358364	Tolmar International Limited	2022226837	Bioneer Corporation
2020360036	Electrolux Appliances Aktiebolag	2022250149	NIPPON STEEL CORPORATION
2020363481	Materiaux Nieka Inc.	2022261884	ILLINOIS TOOL WORKS INC.
2020366330	Weatherford Technology Holdings, LLC	2022288838	CJ CHEILJEDANG CORPORATION
2020367800	Fortress Iron, LP	2022290444	INTEGRAL GEOMETRY SCIENCE INC.
2020368974	De' Longhi Appliances S.r.l.	2022299015	W.M. BARR & COMPANY, INC.
2020371040	Merus N.V.	2022305557	BYD COMPANY LIMITED
2020371664	Bard Access Systems, Inc.	2022308067	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
2020376483	Industrie de Nora S.p.A.	2022308165	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2020377443	iFLUX NV	2022312516	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2020380119	Ellipse World, Inc.	2022326724	TYK MEDICINES, INC.
2020380530	iLOQ Oy	2022331342	ELI LILLY AND COMPANY
2020381545	ASSA ABLOY Australia Pty Limited	2022332909	AVIVOMED, INC.
2020382308	Nano Silver Manufacturing Sdn Bhd	2022334031	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2020391939	Chiesi Farmaceutici S.p.A.	2022334501	HUAWEI TECHNOLOGIES CO., LTD.
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2020395981	Vitop Moulding S.R.L.	2022345389	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.
2020397212	Akzo Nobel Coatings International B.V.	2022349846	SCANTECH OFFSHORE LIMITED
2020399437	Geoagro Consultoria Projetos E Serviços Ltda.	2022350771	HEIDELBERG MATERIALS AG
2020402043	Halliburton Energy Services, Inc.	2022355411	BYD COMPANY LIMITED
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2020460168	Halliburton Energy Services, Inc.	2022364646	LOMOND THERAPEUTICS, INC.
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2021213057	Caterpillar Inc.	2022372446	KOMATSU FOREST AB
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2021216851	Bard Peripheral Vascular, Inc.	2022374148	ASAHI KASEI KABUSHIKI KAISHA
2021235075	Dolz#an, V.	2022382896	Magnum IP Holdings B.V.
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2021268184	ConocoPhillips Company		
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2022410807	SHANTOU SAMMA PLASTIC INDUSTRY CO., LTD.	2024200204	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
2022411779	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2024200210	Chen, C.H.
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2022418992	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2024200441	Boston Scientific Scimed, Inc.
2022419294	COLGATE-PALMOLIVE COMPANY	2024200642	Novel Microdevices, Inc.
2022423069	NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY; DE NORA PERMELEC LTD	2024200706	Medela Holding AG
2022427506	LG ELECTRONICS INC.	2024200713	McElroy Manufacturing, Inc.
2022440540	NGK INSULATORS, LTD.	2024201196	MFTB Holdco, Inc.
2022442240	PYLON TECHNOLOGIES CO., LTD.	2024201421	BYD Company Limited
2022444261	JIANGSU JASUNG INTELLIGENT INDUSTRIAL TECHNOLOGY CO., LTD.	2024201598	Beijing Institute of Technology
2022444365	Jingao Solar Co., Ltd	2024201640	Novartis AG
2022455883	BEIJING ETECHWIN ELECTRIC CO., LTD.	2024201729	Fertin Pharma A/S
2022458328	ALLGENESIS BIOTHERAPEUTICS INC.	2024201760	ZETR Pty Ltd
2023200048	Lensar, Inc.	2024202219	Caterpillar Inc.
2023200913	The Curators of the University of Missouri	2024202315	Boston Scientific Scimed, Inc.
2023203720	Impossible Foods Inc.	2024202363	HD3 Limited
2023204120	SPINEX Systems Inc.	2024202698	GUANGZHOU RIBOBIO CO., LTD.
2023206922	SCHLAGE LOCK COMPANY LLC	2024202801	COOPERVISION INTERNATIONAL LIMITED
2023207583	BERKOS FÖRSÄLJNING AB	2024202984	Logical Brands, Inc.
2023207990	GEOPIER FOUNDATION COMPANY, Inc.	2024203039	Sungrow (Shanghai) Co., Ltd.
2023208137	Armaments Research Company Inc.	2024203303	Allen, T.
2023211459	WONDERLAND SWITZERLAND AG	2024203393	Apple Inc.
2023214302	Zymeworks BC Inc.	2024204224	Phenogy AG
2023215305	VERDAGY, INC.	2024204365	Sheng San Co., Ltd.
2023216279	LINDSAY CORPORATION	2024204767	SHAHEEN INNOVATIONS HOLDING LIMITED
2023216829	Sigma-Aldrich Co. LLC	2024204942	CUTSFORTH, INC.
2023222990	6K Inc.	2024204990	SK Innovation Co., Ltd.
2023223327	EFFEPHARM (SHANGHAI) CO., LTD.	2024205170	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2023224879	TEGID THERAPEUTICS, INC.	2024205497	thyssenkrupp nucera AG & Co. KGaA
2023227515	ELC MANAGEMENT LLC	2024205827	Precigen, Inc.
2023228016	BESPAK EUROPE LIMITED	2024216317	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
2023229196	ATLAS COPCO AIRPOWER, NAAMLOZE VEN-NOOTSCHAP	2024216435	Pfizer Inc.
2023232372	ABBISKO THERAPEUTICS CO., LTD.	2024219420	Premier Scaffolds Pty Ltd
2023233096	Yuhan Corporation	2024219522	PUTTSHACK LTD
2023233142	VIDEO GAMING TECHNOLOGIES, INC.	2024219810	Nokia Technologies Oy
2023237175	Aristocrat Technologies Australia Pty Limited	2024219881	Nextracker Inc.
2023237934	DAIKIN INDUSTRIES, LTD.	2024219980	Canva Pty Ltd
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2023250319	HERRENKNECHT AG	2024266888	Heraeus Medical GmbH
2023251067	THALES DIS FRANCE SAS	2024343391	VERSUNI HOLDING B.V.
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2023266299	GRAPE KING BIO LTD	2025201080	Alleviant Medical, Inc.
2023266401	2MT MINING PRODUCTS PTY LTD	2025201158	PARALLEL SYSTEMS, INC.
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2023268862	MAYEKAWA MFG. CO., LTD.	2025203760	SHOPIFY INC.
2023270343	Glaukos Corporation	2025204892	S&A Group Holdings Limited
2023274153	Advanced Thermovoltaic Systems, Corp.	2025210808	Green Lightning Solutions, LLC
2023274256	SYNGENTA CROP PROTECTION AG		
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2023282168	Pharmacosmos Holding A/S		
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2023285820	Argenta Innovation Limited		
2023325780	ARTHREX, INC.		
2023338098	ARES DEFENSE SYSTEMS, INC.		
2023387754	SENTA ENERGY CO., LTD		
2023387776	SHANTOU SAMMA PLASTIC INDUSTRY CO., LTD.		
2023391246	COOPERVISION INTERNATIONAL LIMITED		
2023407177	TOWNSVILLE HOSPITAL AND HEALTH SERVICE; THE STATE OF QUEENSLAND ACTING THROUGH QUEENSLAND HEALTH; GRIFFITH UNIVERSITY; UNIVERSITY OF QUEENSLAND		
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<u>A01K 79 /-</u>	<u>A23J 1 /-</u>	<u>A45D 44 /-</u>	<u>A61B 5 /-</u>		
2021453881	2023203720	2023227515			
<u>A01N 25 /-</u>	<u>A23J 3 /-</u>	<u>A45D 7 /-</u>	<u>A61B 6 /-</u>		
2020200088	2019326259	2024202363	2020214771 2020243527		
<u>A01N 43 /-</u>	<u>A23K 10 /-</u>	<u>A47B 83 /-</u>	<u>A61D 7 /-</u>		
2020222515	2021414174	2021290245			
<u>A01N 45 /-</u>	<u>A23K 20 /-</u>	<u>A47C 27 /-</u>	2020223720 2020256211		
2020200088	2019394669	2019338923	<u>A61B 90 /-</u>		
<u>A01P 1 /-</u>	<u>A23K 50 /-</u>	<u>A47C 7 /-</u>	2020323602	<u>A61K 33 /-</u>	<u>A61K 48 /-</u>
2020222515	2019394669	2019338923	<u>A61C 17 /-</u>	2020214771	
<u>A01P 21 /-</u>	<u>A23L 2 /-</u>	<u>A47D 1 /-</u>	2021463409	<u>A61K 35 /-</u>	
2020200088	2021332291	2021290245	<u>A61D 7 /-</u>		
<u>A01P 3 /-</u>	<u>A23L 29 /-</u>	<u>A47J 27 /-</u>	2023285820	2018392826 2019295067 2020212026 2020212683 2020227525 2021376057 2023266299 2024205827	<u>A61K 51 /-</u>
2020222515	2019326259	2019409872	<u>A61F 13 /-</u>		2019401657
<u>A01P 7 /-</u>	<u>A23L 33 /-</u>	<u>A47J 31 /-</u>	2020292692		<u>A61K 8 /-</u>
2020222515	2019406725 2020216251	2020368974	<u>A61F 2 /-</u>		2019295067 2019406725

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2021299291	<u>A61M 37</u> /-	<u>A61P 27</u> /-	<u>A61Q 17</u> /-	<u>B01D 61</u> /-	2020279864
2021459570					
2022226837	2020292692	2020227525	2021299291	2021330793	<u>B04B 11</u> /-
2022419294		2021308712		2024220043	
2023223327	<u>A61M 39</u> /-	2022458328	<u>A61Q 19</u> /-		2020279864
2023227515		2023223327		<u>B01D 63</u> /-	<u>B05B 11</u> /-
	2020228621	2024201640	2019295067		
<u>A61K 9</u> /-	2020353080		2021299291	2020231463	2022299015
	2021300838	<u>A61P 29</u> /-	2023223327	2022440540	
	2021315809				
2019451536		2020239026	<u>A61Q 3</u> /-	<u>B01F 35</u> /-	<u>B05B 17</u> /-
2020212026	<u>A61M 5</u> /-	2020266947			
2020273810		2020328038	2021459570	2020321013	2024204767
2020295730		2020341121	<u>A61Q 5</u> /-	<u>B01J 20</u> /-	<u>B05B 7</u> /-
2020342668	2020353080	2023223327			
2020358364	2020371664		2023223327	2022374148	2022299015
2022226837	2022331342	<u>A61P 3</u> /-			
2023285820	<u>A61N 1</u> /-		<u>A61Q 7</u> /-	<u>B01J 21</u> /-	<u>B06B 1</u> /-
2024201729		2020227525			
<u>A61L 15</u> /-	2019308229	2020328038	2020328061	2021299291	2024204767
	2020268730	2023223327			
2020292692	2020272149	<u>A61P 31</u> /-	<u>A62C 2</u> /-	<u>B01J 23</u> /-	<u>B07C 5</u> /-
	2022332909				
<u>A61L 2</u> /-	<u>A61N 7</u> /-	2020296862	2019363679	2020278505	2020344485
		2021268710	2019396380		2023266641
2020203167	2020221841	2021374966	<u>A62C 3</u> /-	<u>B01J 27</u> /-	<u>B09B 1</u> /-
<u>A61M 1</u> /-	2020272149	2022364646			
			2019396380	2020278505	2021390516
2020231463	<u>A61P 1</u> /-	<u>A61P 35</u> /-		<u>B01J 35</u> /-	<u>B09B 3</u> /-
2024200706			<u>A63B 67</u> /-		
<u>A61M 11</u> /-	2019406725	2019290198		2020278505	2021291565
	2023223327	2019293530	2020237012	2021299291	
		2019401657	2024219522		
2020391939	<u>A61P 11</u> /-	2020212683	<u>A63B 69</u> /-	<u>B01L 3</u> /-	<u>B22F 1</u> /-
2021215853		2020214771			
2023244212	2018346116	2020371040	2024219522	2019280518	2023222990
2024204767	2020227525	2021268223		2020347895	<u>B22F 8</u> /-
		2021274522	<u>A63F 7</u> /-	2021244386	
<u>A61M 15</u> /-	<u>A61P 13</u> /-	2022326724		2022205224	2023222990
		2022364646	2020237012	<u>B02C 15</u> /-	<u>B22F 9</u> /-
2020391939	2020240015	2023232372			
2023228016	2023223327		<u>B01D 1</u> /-	2020270180	2023222990
2023244212	<u>A61P 15</u> /-	<u>A61P 37</u> /-			
2024204767			2019396605	<u>B02C 17</u> /-	<u>B23B 5</u> /-
<u>A61M 16</u> /-	2023223327	2020239026			
		2020294781	<u>B01D 11</u> /-	2020270180	2024200713
2020219387	<u>A61P 17</u> /-	2020304654		<u>B02C 23</u> /-	<u>B23C 3</u> /-
2023407177		2020328038	2019280518		
2024264687	2019295067	2021274522		2020270180	2024200713
	2019406725	2023232372	<u>B01D 15</u> /-		
<u>A61M 21</u> /-	2022226837	<u>A61P 39</u> /-		<u>B03B 7</u> /-	<u>B23K 35</u> /-
	2023223327		2018383679		
2020268730	<u>A61P 19</u> /-	2023223327	2019280518	2023266641	2022250149
<u>A61M 25</u> /-		<u>A61P 43</u> /-	<u>B01D 17</u> /-	<u>B03B 9</u> /-	<u>B23K 9</u> /-
	2019208102				
2019419358	2019406725	2019401657	2019280518	2023266641	2022250149
2020323602	2020328038	2022419294	<u>B01D 33</u> /-		
2020353080	<u>A61P 21</u> /-	2023266299		<u>B03C 1</u> /-	<u>B23Q 7</u> /-
2020371664			2020279864		
2021216851	2019406725	<u>A61P 9</u> /-		2020399437	2021296774
2021300838	2023223327		<u>B01D 46</u> /-		
		2019269418		<u>B03C 3</u> /-	<u>B25B 23</u> /-
<u>A61M 31</u> /-	<u>A61P 25</u> /-	2019406725	2021290048		
		2020222396		2020399437	2020251320
2020371664	2019274649	2023223327	<u>B01D 53</u> /-		2023258407
2023285820	2019406725			<u>B03D 1</u> /-	<u>B25H 3</u> /-
<u>A61M 35</u> /-	2020239026	<u>A61Q 11</u> /-	2020219387		
	2021268223		2022374148	2023266641	
2020292692	2021376057	2022419294	2022440540	<u>B04B 1</u> /-	2020304677
	2023223327		2024204990		

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<u>B25J 21 /-</u>	<u>B60J 11 /-</u>	2020320351	<u>B65D 79 /-</u>	2022374148	<u>C07D 209 /-</u>
2020257963	2020216468	<u>B62D 55 /-</u>	2020348523	<u>C01D 15 /-</u>	2023224879
<u>B26D 3 /-</u>	<u>B60K 28 /-</u>	2024202219	<u>B65D 81 /-</u>	2024220043	<u>C07D 213 /-</u>
2024200713	2020230300	<u>B64D 17 /-</u>	2020348523 2023387776	<u>C01G 9 /-</u>	2023224879 2023232372
<u>B28C 5 /-</u>	<u>B60L 50 /-</u>	2023244563	<u>B65G 1 /-</u>	2021299291	<u>C07D 215 /-</u>
2020321013	2022372446	<u>B64U 10 /-</u>	2024203303	<u>C02F 1 /-</u>	2022326724
<u>B28C 7 /-</u>	<u>B60L 53 /-</u>	2023244563	<u>B65G 11 /-</u>	2020295387 2025210808	<u>C07D 241 /-</u>
2020321013	2022355411 2022372446	<u>B64U 30 /-</u>	2023250319	<u>C04B 103 /-</u>	2022326724
<u>B29C 65 /-</u>	<u>B60P 3 /-</u>	2023244563	<u>B65G 43 /-</u>	2022350771	<u>C07D 293 /-</u>
2022383483 2024200713	2021296774 2022372446	<u>B64U 50 /-</u>	2020342665	<u>C04B 111 /-</u>	2021268710
<u>B29C 69 /-</u>	<u>B60P 7 /-</u>	2023244563	<u>B65G 65 /-</u>	2020231131	<u>C07D 295 /-</u>
2024200713	2023436741	<u>B64U 70 /-</u>	2020331101 2023250319	<u>C04B 24 /-</u>	2022221483
<u>B29D 11 /-</u>	<u>B60W 30 /-</u>	<u>B65B 51 /-</u>	<u>B66C 13 /-</u>	2020231131	<u>C07D 401 /-</u>
2020239964 2024202801	2025204892	2022383483	2022399275	<u>C04B 28 /-</u>	2022326724 2023232372 2024201640
<u>B31B 50 /-</u>	<u>B60W 60 /-</u>	<u>B65B 59 /-</u>	<u>B66C 23 /-</u>	2020231131 2022350771	<u>C07D 403 /-</u>
2023387776	2025204892	2022383483	2020200580 2022399275 2024426106	<u>C04B 7 /-</u>	2021268223 2022326724 2023224879
<u>B31D 1 /-</u>	<u>B61B 13 /-</u>	<u>B65B 65 /-</u>	<u>B66F 11 /-</u>	2022350771	<u>C07D 413 /-</u>
2020320249	2025201158	2022383483	2020200580	<u>C07C 13 /-</u>	2021268223
<u>B32B 1 /-</u>	<u>B61C 3 /-</u>	<u>B65B 9 /-</u>	<u>B66F 17 /-</u>	2020271915	<u>C07D 471 /-</u>
2020208878	2025201158	2022383483	2020273720	2020300522	2022326724 2022364646
<u>B32B 27 /-</u>	<u>B61D 3 /-</u>	<u>B65D 33 /-</u>	<u>B66F 9 /-</u>	<u>C07C 2 /-</u>	<u>C07D 487 /-</u>
2020208878 2020216468 2020239964 2021463113	2025201158	2020320249	2020200140 2020202364 2020273720	2020307993	2020222515 2020239026 2022326724
<u>B32B 3 /-</u>	<u>B61F 3 /-</u>	<u>B65D 35 /-</u>	<u>B67C 9 /-</u>	2020294781	<u>C07C 217 /-</u>
2020208878 2020216468	2025201158	2024200642	2019391089	2020271915	2024202698
<u>B32B 37 /-</u>	<u>B61K 9 /-</u>	<u>B65D 39 /-</u>	<u>B67D 1 /-</u>	<u>C07C 231 /-</u>	<u>C07H 1 /-</u>
2020239964	2020287819	2020348523	2019391089 2020287064	2024202698	2023223327
<u>B32B 5 /-</u>	<u>B61L 23 /-</u>	<u>B65D 47 /-</u>	<u>B67D 3 /-</u>	<u>C07C 237 /-</u>	<u>C07H 15 /-</u>
2020208878	2020200506	2020348523 2024200642	2020395981	2024202698	2024202698
<u>B32B 7 /-</u>	<u>B61L 27 /-</u>	<u>B65D 5 /-</u>	<u>C01B 21 /-</u>	<u>C07C 29 /-</u>	<u>C07H 19 /-</u>
2020216468 2021463113	2025201158	2022410807 2023387776	2025202968 2025210808	2022440540	2023223327
<u>B33Y 70 /-</u>	<u>B62B 7 /-</u>	<u>B65D 51 /-</u>	<u>C01B 3 /-</u>	<u>C07C 31 /-</u>	<u>C07H 21 /-</u>
2023222990	2023211459	2020348523	2020269473 2020278505 2022345389	2022440540	2019401657 2022221483 2024202698
<u>B60B 39 /-</u>	<u>B62D 1 /-</u>	<u>B65D 6 /-</u>	<u>C01B 39 /-</u>	<u>C07C 317 /-</u>	<u>C07K 1 /-</u>
2024360948	2020320351	2019206038		2022221483	
	<u>B62D 33 /-</u>	<u>B65D 65 /-</u>			
	2023436741	2021463113			
	<u>B62D 5 /-</u>				

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2019390498	<u>C08K 3 /-</u>	<u>C12N 15 /-</u>	2023277691	<u>C25B 9 /-</u>	2023428625
2022369694					
<u>C07K 14 /-</u>	2020397212	2018346116	<u>C22B 23 /-</u>	2022411779	<u>E02D 29 /-</u>
	<u>C08L 101 /-</u>	2018378683		2022411782	2021348426
2018378683		2018392826	2023446720	2022418992	
2018385756	2021291565	2019269418	<u>C22B 3 /-</u>	2022423069	<u>E02D 5 /-</u>
2019293530		2019284252		2023215305	2020277477
2019406725	<u>C08L 33 /-</u>	2019294515	2023446720	2024205497	2023204120
2019432635		2019357039			2023207990
2020212026	2020255203	2019365100	<u>C22C 1 /-</u>	<u>C25D 3 /-</u>	
2020212683	2023277691	2019390498			
2020260763		2019401657	2023222990	2022383696	<u>E02D 7 /-</u>
2020328038	<u>C09D 133 /-</u>	2020212683			
2021421855	2020230424	2020260763	<u>C22C 14 /-</u>	<u>C25D 5 /-</u>	2023207990
2022369694		2021345339			
2022458328	<u>C09D 163 /-</u>	2021364781	2020269473	2022383696	<u>E02F 3 /-</u>
2024205827		2021374966	2023222990		
2024216435	2020397212	2021398499	<u>C22C 19 /-</u>	<u>C40B 30 /-</u>	2023207990
		2022221483			
<u>C07K 16 /-</u>	<u>C09D 175 /-</u>	2022288838	2020269473	2019263297	<u>E02F 9 /-</u>
		2023214302	2023222990	2019390498	2023266401
2018346116	2021209381	2023216829		<u>C40B 40 /-</u>	
2018383679	2021209385		<u>C22C 23 /-</u>		<u>E03C 1 /-</u>
2018385756		<u>C12N 5 /-</u>		2019263297	2020206188
2019205516	<u>C09K 5 /-</u>	2019293530	2020269473	2019390498	
2019208102		2020212683	<u>C22C 30 /-</u>	<u>C40B 50 /-</u>	<u>E03F 5 /-</u>
2019222705	2024201598	2021376057			
2019274649			2020269473	2019390498	2025202968
2019284252	<u>C09K 8 /-</u>	<u>C12N 9 /-</u>			
2019290198			<u>C22C 38 /-</u>	<u>C40B 70 /-</u>	<u>E04B 1 /-</u>
2019293530	2020225665	2018432858			
2019401657	2020255203	2019365100	2022250149	2019390498	2019206038
2020371040		2021345339	2023222990		2019363679
2021274522	<u>C10L 1 /-</u>	2021364781	2023255865	<u>D04H 1 /-</u>	2020201536
2021308712		2021398499			2023428625
2023214302	2020307993	2022288838	<u>C23C 24 /-</u>	2023227515	<u>E04C 5 /-</u>
2023233096	<u>C10M 133 /-</u>	2022356440		<u>D06F 49 /-</u>	
2024205827		2023216829	2023274153		2020201536
	2020348523	<u>C12P 13 /-</u>	<u>C23F 11 /-</u>	2020279864	<u>E04G 1 /-</u>
<u>C07K 19 /-</u>	<u>C10M 169 /-</u>	2021398499		<u>D06F 58 /-</u>	
2020212683			2025202968		2024219420
<u>C07K 7 /-</u>	2021237833	<u>C12P 19 /-</u>	<u>C23F 15 /-</u>	2024343391	<u>E04G 17 /-</u>
	<u>C10N 10 /-</u>	2022356440		<u>D06F 73 /-</u>	
2019390498			2025202968		2023428625
<u>C08F 2 /-</u>	2021237833	<u>C12P 21 /-</u>	<u>C25B 1 /-</u>	2024343391	<u>E04G 21 /-</u>
	<u>C10N 30 /-</u>	2022288838			
2020255203		2023214302	2020376483	<u>D06F 75 /-</u>	2024426106
<u>C08F 220 /-</u>	2021237833		2021330793		
	<u>C10N 40 /-</u>	<u>C12Q 1 /-</u>	2022418992	2024343391	<u>E04G 5 /-</u>
2021209381			2022423069		
2023277691	2021237833	2019263297	2023215305	<u>E01B 9 /-</u>	2024219420
		2019297475	2024220043		
<u>C08F 228 /-</u>	<u>C12C 5 /-</u>	2020285692		2019396125	<u>E04G 7 /-</u>
		2022221483	<u>C25B 11 /-</u>		
2023277691	2021332291	2022356440		<u>E01C 11 /-</u>	2024219420
		2024205827	2020376483	2020201536	
<u>C08G 18 /-</u>	<u>C12G 3 /-</u>		2022411779		<u>E04H 17 /-</u>
		<u>C12R 1 /-</u>	2022418992	<u>E01F 15 /-</u>	
2021209381	2021332291				2020367800
2021209385		2019370690	<u>C25B 15 /-</u>	2019393082	<u>E05B 13 /-</u>
	<u>C12M 1 /-</u>	2021398499		2021296774	
<u>C08G 63 /-</u>		2023266299	2022411779		2020381545
	2018383679		2022411782	<u>E01F 9 /-</u>	
2020358364		<u>C21D 8 /-</u>	2022418992		<u>E05B 15 /-</u>
	<u>C12N 1 /-</u>		2022423069	2020230300	
<u>C08G 64 /-</u>		2023255865	<u>C25B 3 /-</u>	<u>E02D 27 /-</u>	2023206922
	2023266299				
2020358364		<u>C22B 1 /-</u>	2022411779	2023207990	

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<u>E05B 47 /-</u>		2020310463			2019280518
2020333979	<u>E21B 23 /-</u>		<u>F16L 33 /-</u>	<u>F41A 17 /-</u>	2019293530
2020380530	2020366330	<u>F04B 39 /-</u>	2020298124	2023208137	2019417986
2020381545	2020402043	2022349846			2019432635
	2020460168	2023229196	<u>F16L 5 /-</u>	<u>F41A 19 /-</u>	2020319063
<u>E05B 63 /-</u>		2023237934	2019363679	2023338098	2021421855
2020333979	<u>E21B 29 /-</u>	<u>F04B 41 /-</u>	2019396380		2024200642
2020381545	2022367159			<u>F41A 3 /-</u>	<u>G01N 35 /-</u>
<u>E05B 65 /-</u>	<u>E21B 31 /-</u>	2022349846	<u>F16L 55 /-</u>	2023338098	2020347895
2020257963	2020254487	2023229196	2019396380		2021244386
2020381545		<u>F04C 23 /-</u>		<u>F41C 7 /-</u>	<u>G01S 15 /-</u>
	<u>E21B 33 /-</u>	2022349846	<u>F17D 5 /-</u>	2023338098	2024200210
<u>E05B 67 /-</u>	2020342239	2023229196	2019342704		
2020260567	2020366330	<u>F04C 29 /-</u>	<u>F23G 5 /-</u>	<u>F41G 3 /-</u>	<u>G01S 17 /-</u>
2020380530	2022200437	2023237934	2020382308	2023208137	2022405704
	2022368652			<u>F42B 12 /-</u>	2025204892
<u>E05B 73 /-</u>	<u>E21B 34 /-</u>	<u>F04D 25 /-</u>	<u>F23J 15 /-</u>	2020326236	<u>G01S 19 /-</u>
2020260567	2020366330	2022349846	2020382308		2024201196
<u>E05C 1 /-</u>	2020460168	2023229196	<u>F23L 7 /-</u>	<u>G01B 11 /-</u>	
2020333979	2021468291	2023411862	2020382308	2020270180	<u>G01T 1 /-</u>
	<u>E21B 36 /-</u>	<u>F04D 27 /-</u>		<u>G01B 5 /-</u>	2020256211
<u>E05C 9 /-</u>	2020342239	2023411862	<u>F24F 1 /-</u>	2019431872	2020282397
2020200170	<u>E21B 4 /-</u>	<u>F04D 29 /-</u>	2022308067		<u>G01V 5 /-</u>
	2021268184	2023411862	2022336920	<u>G01F 1 /-</u>	2020282397
<u>E05D 1 /-</u>			<u>F24F 11 /-</u>	2020377443	<u>G02B 23 /-</u>
2019206038	<u>E21B 41 /-</u>	<u>F04F 13 /-</u>	2022336920	<u>G01F 15 /-</u>	2020315707
	2021468291	2019377868	<u>F24F 110 /-</u>	2020377443	<u>G02B 7 /-</u>
<u>E05D 5 /-</u>	2022373526	<u>F16B 37 /-</u>	2025202968	<u>G01M 11 /-</u>	2020315707
2019206038	<u>E21B 43 /-</u>	2023266401	<u>F24F 13 /-</u>	2024202801	<u>G02C 7 /-</u>
	2020225665	<u>F16D 7 /-</u>	2022308067	<u>G01M 3 /-</u>	2020351724
<u>E05F 15 /-</u>	2022200437	2020228621	2022336920	2019342704	2023391246
2020265723	<u>E21B 44 /-</u>	<u>F16H 1 /-</u>	2024259645		<u>G05B 19 /-</u>
	2021268184	2021336120	<u>F24F 7 /-</u>	<u>G01N 1 /-</u>	2020230300
<u>E06B 5 /-</u>	<u>E21B 47 /-</u>	<u>F16K 15 /-</u>	2025202968	2019280518	2020321013
2019363679	2019431872	2020206188	<u>F25B 43 /-</u>	2020363481	2020342665
2020257963	2022373526	2020315966	2020203603	2022205224	2024200204
<u>E21B 10 /-</u>	<u>E21B 7 /-</u>	<u>F16K 17 /-</u>	<u>F27D 3 /-</u>	<u>G01N 21 /-</u>	<u>G05B 23 /-</u>
2023207990	2020254487	2020315966	2020331101	2020363481	2019454987
	2021212046		<u>F28C 1 /-</u>	2024202801	<u>G05D 16 /-</u>
<u>E21B 15 /-</u>	2022367159	<u>F16K 24 /-</u>	2019396605		2023446720
2021212046	<u>E21D 1 /-</u>	2020315966	<u>F28F 19 /-</u>	<u>G01N 22 /-</u>	<u>G05F 1 /-</u>
	2023250319	<u>F16K 31 /-</u>	2019396605	2022290444	2020244518
<u>E21B 17 /-</u>	<u>F02M 21 /-</u>	2021290048	<u>F28F 25 /-</u>	<u>G01N 23 /-</u>	<u>G06F 11 /-</u>
2020402043	2021213057	<u>F16L 27 /-</u>	2019396605	2020363481	2020335869
2021305320	<u>F02M 25 /-</u>	2023216279	<u>F28F 27 /-</u>	2020243527	2023208137
2023207990	2021213057	<u>F16L 3 /-</u>		<u>G01N 33 /-</u>	2025203760
<u>E21B 19 /-</u>	<u>F03D 1 /-</u>	2023216279			<u>G06F 16 /-</u>
2020254487					
2021305320					
<u>E21B 21 /-</u>					
2020254487					

Applications Accepted - IPC Index cont'd

2020303877	2020215351	2020257963	<u>H02K 21 /-</u>	<u>H04N 21 /-</u>	<u>H10D 86 /-</u>
2020304677	2020270180				
<u>G06F 18 /-</u>	2023407177	<u>H01H 9 /-</u>	2022444261	2020357441	2024200285
	2024202801				
2025204892	2025204892	2024203039	<u>H02K 5 /-</u>	<u>H04N 7 /-</u>	<u>H10D 99 /-</u>
	<u>G06V 10 /-</u>	<u>H01L 21 /-</u>	2022444261	2020304677	2024200285
<u>G06F 21 /-</u>					
2019443340	2024202801	2023274153	<u>H02K 9 /-</u>	<u>H04W 12 /-</u>	<u>H10F 19 /-</u>
2019454987	<u>G06V 20 /-</u>	2024200285			
2020335869		<u>H01M 4 /-</u>	2022444261	2020380530	2022334031
	2025204892		<u>H02M 1 /-</u>	<u>H04W 24 /-</u>	2024200285
<u>G06F 3 /-</u>		2022305557			
	<u>G06V 40 /-</u>		2020242087	2021373522	<u>H10F 71 /-</u>
2024203393		<u>H01M 50 /-</u>	2020244518		
	2023407177			<u>H04W 4 /-</u>	2022334031
<u>G06F 40 /-</u>		2022442240	<u>H02M 7 /-</u>		2022444365
	<u>G07C 3 /-</u>			2020380530	
2024219980		<u>H01M 6 /-</u>	2020242087	2020426953	<u>H10F 77 /-</u>
	2019454987		2023239895	2024201196	
<u>G06F 7 /-</u>		2024204224			2022444365
	<u>G07C 5 /-</u>		<u>H02P 6 /-</u>	<u>H04W 48 /-</u>	2024200285
2020319063		<u>H01M 8 /-</u>			
	2020321013		2023411862	2023251067	<u>H10F 99 /-</u>
<u>G06F 8 /-</u>		2022383696	<u>H02S 10 /-</u>	<u>H04W 72 /-</u>	2020380119
	<u>G07C 9 /-</u>				
2022427506		<u>H01Q 1 /-</u>			
	2020333979		2023387754	2020274120	<u>H10K 50 /-</u>
<u>G06F 9 /-</u>	2020380530	2021360938		2020274989	
	2020381545		<u>H02S 20 /-</u>	2020284233	2024216317
2020342665		<u>H01Q 15 /-</u>		2020426953	
2022427506	<u>G07F 17 /-</u>		2023387754	2024219810	<u>H10K 59 /-</u>
2025203760		2021360938			
	2023233142		<u>H02S 30 /-</u>	<u>H04W 74 /-</u>	2024216317
<u>G06K 19 /-</u>	2023237175	<u>H01Q 21 /-</u>			
			2023387754	2020274120	<u>H10N 10 /-</u>
2020380119	<u>G08B 21 /-</u>	2021360938	<u>H02S 40 /-</u>	<u>H04W 76 /-</u>	2023274153
		2021373522			
<u>G06N 20 /-</u>	2021441505	<u>H01R 39 /-</u>			
			2024219881	2021373522	
2020223720	<u>G08B 25 /-</u>		<u>H04B 10 /-</u>	<u>H04W 8 /-</u>	
		2024204942			
<u>G06N 3 /-</u>	2021441505	<u>H01S 5 /-</u>	2022405704	2023251067	
2020223720	<u>G08G 1 /-</u>	2021357702	<u>H04B 17 /-</u>	<u>H05B 6 /-</u>	
2023407177					
2024202801	2020321013	<u>H02B 1 /-</u>	2021373522	2020360036	
2024219980	2022405704				
		2024201760	<u>H04B 3 /-</u>	<u>H05H 1 /-</u>	
<u>G06Q 10 /-</u>	<u>G09G 3 /-</u>				
		<u>H02G 3 /-</u>	2020352007	2025210808	
2020303877	2024216317				
2020304677	<u>G16B 20 /-</u>	2024201760	<u>H04B 5 /-</u>	<u>H05K 1 /-</u>	
2024203303					
	2020285692	<u>H02H 7 /-</u>	2020380530	2024201760	
<u>G06Q 30 /-</u>					
2025203760	<u>G16H 10 /-</u>	2023411862	<u>H04B 7 /-</u>	<u>H05K 5 /-</u>	
<u>G06T 11 /-</u>	2020319063	<u>H02J 3 /-</u>	2021359855	2023239895	
			2021373522	2024201760	
2024219980	<u>G16H 20 /-</u>	2020352007		2024203039	
		2022455883	<u>H04L 5 /-</u>	2024259645	
<u>G06T 15 /-</u>	2020303877	2024200204			
			2020274989	<u>H05K 7 /-</u>	
2020215351	<u>G16H 30 /-</u>	<u>H02J 50 /-</u>	2020284233		
2020350118			2022334501	2020242087	
	2020223720	2020380530	<u>H04N 19 /-</u>	2023239895	
<u>G06T 19 /-</u>				2024201760	
	<u>G16H 50 /-</u>	<u>H02J 7 /-</u>		2024259645	
2020350118			2020259889		
	2023325780	2020391939	2020295684	<u>H05K 9 /-</u>	
<u>G06T 7 /-</u>		2023411862	2020308382		
	<u>G21F 7 /-</u>		2020316548	2024201421	

Certified Innovation Patents**Name Index**

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

(71) Mirkin, T.
(11) AU-B-2020102393
(21) 2020102393 (22) 23.09.2020
(54) A Scaffold Mounting Assembly
(51) Int. Cl.
E04G 3/20 (2006.01)
E02D 17/04 (2006.01)
E04G 5/00 (2006.01)
E04G 5/04 (2006.01)
E04G 5/14 (2006.01)
(31) 2019904520 (32) 29.11.19 (33) AU
(45) 09.10.2025
(72) Mirkin, Rhys
(74) Eagar & Associates Pty Ltd

(71) Techtronic Outdoor Products Techno-
logy Limited
(11) AU-B-2021104752
(21) 2021104752 (22) 30.07.2021
(54) Electric scissors
(51) Int. Cl.
A01G 3/037 (2006.01)
B26B 15/00 (2006.01)
B26D 7/22 (2006.01)
(31) 202011252800.4 (32) 11.11.20 (33) CN
(45) 09.10.2025
(72) SHU, Gong Meng; LI, Da Zheng
(74) FB Rice Pty Ltd

Numerical Index

2020102393	Mirkin, T.
2021104752	Techtronic Outdoor Products Technology Limited

IPC Index

A01G 3 /-

2021104752

B26B 15 /-

2021104752

B26D 7 /-

2021104752

E02D 17 /-

2020102393

E04G 3 /-

2020102393

E04G 5 /-

2020102393

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021421837	CATERPILLAR INC. (CQMS Pty Ltd)
2023202674	Joy Global Surface Mining Inc (CQMS Pty Ltd)
2023226667	HANWHA CORPORATION (Dyno Nobel Asia Pacific Pty Limited)
2024203639	Novartis AG; Genentech, Inc. (Celltrion, Inc.)
2024203889	Hokowhitu IP Limited (NZ AutoTraps Limited)
2024278571	Aiper Global Pte. Ltd. (Xingmai Innovation Technology (Suzhou) Co., Ltd.)

Patents Granted**Standard Patents**

2017279637	2018224391	2018316343	2018333945
2018363922	2018368541	2018392605	2018433553
2019203215	2019210680	2019211061	2019226176
2019226713	2019239949	2019240905	2019251356
2019274927	2019291918	2019300031	2019307846
2019318817	2019328344	2019332979	2019334866
2019338284	2019345104	2019346044	2019362029
2019362472	2019362603	2019365255	2019372140
2019373097	2019382881	2019384118	2019386349
2019386906	2019389082	2019392034	2019393137
2019393784	2019396527	2019404179	2019409534
2020202037	2020203640	2020203734	2020205665
2020212054	2020213641	2020214319	2020217893
2020219803	2020236531	2020237474	2020240964
2020241282	2020250907	2020262609	2020264822
2020267569	2020267581	2020268749	2020270776
2020278733	2020286344	2020286979	2020289909
2020290350	2020295687	2020296057	2020296297
2020301135	2020317040	2020320454	2020334346
2020337244	2020349689	2020353988	2020355109
2020356305	2020377014	2020381876	2020401367
2020408002	2020422276	2021219668	2021221705
2021228566	2021237677	2021239708	2021257662
2021289686	2021291793	2021409119	2021412688
2021415070	2021422860	2021438879	2021445963
2022202639	2022206477	2022253837	2022264762
2022266164	2022272454	2022277904	2022287565
2022291595	2022304254	2022306162	2022308860
2022325421	2022326734	2022327457	2022343302
2022343469	2022351638	2022352114	2022357987
2022359265	2022390016	2022395767	2022415721
2022421216	2022421593	2022428222	2022458327
2022470627	2023200921	2023201034	2023201356
2023202048	2023202545	2023202975	2023203417
2023203933	2023204192	2023204237	2023206083
2023208136	2023214246	2023214249	2023214350
2023219958	2023222925	2023226634	2023237097
2023242782	2023251295	2023251442	2023257216
2023257740	2023258335	2023262177	2023263509
2023275022	2023285944	2023285987	2023347171
2024200040	2024200066	2024200104	2024200341
2024200370	2024200380	2024200625	2024200821
2024201147	2024201304	2024201526	2024201684
2024201761	2024202623	2024202657	2024202997
2024203646	2024203873	2024210032	2024278297
2025201711	2025203235	2025203764	

Patents Granted**Innovation Patents**

2025100014

Assignments Registered

2006235745	Johnson Matthey PLC	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2006250932	Johnson Matthey PLC	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2006250933	Johnson Matthey PLC	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2006326931	Khoi Loon Wong	The patent has been assigned to DX Tech Pty Ltd
2007285586	Johnson Matthey PLC	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2009213825	Johnson Matthey PLC	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2009223947	Johnson Matthey PLC	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2009261903	Suncor Energy Inc.	The patent has been assigned to Nutrien AG Solutions (Canada) Inc.
2010297093	Johnson Matthey PLC	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2010325925	PGI Drug Discovery LLC.; Sunovion Pharmaceuticals Inc.	The patent has been assigned to Sumitomo Pharma America, Inc.; PGI Drug Discovery LLC.
2012211161	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2012216606	RED Digital Cinema, Inc.	The patent has been assigned to Nikon Corporation
2013243709	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2014369486	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2014369487	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2014369488	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2016200448	Sunovion Pharmaceuticals Inc.; PGI Drug Discovery LLC.	The patent has been assigned to Sumitomo Pharma America, Inc.; PGI Drug Discovery LLC.
2016213747	RED Digital Cinema, Inc.	The patent has been assigned to Nikon Corporation
2016262723	ESS-HELP, INC.	The patent has been assigned to EMERGENCY SAFETY SOLUTIONS, INC.
2016272431	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2016272432	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited
2016344490	Johnson Matthey Public Limited Company	The patent has been assigned to Johnson Matthey Davy Technologies Limited

Assignments Registered

2016347186 Johnson Matthey Public Limited Company The patent has been assigned to **Johnson Matthey Davy Technologies Limited**

2016373417 Johnson Matthey Public Limited Company The patent has been assigned to **Johnson Matthey Davy Technologies Limited**

2017222376 Johnson Matthey Public Limited Company The patent has been assigned to **Johnson Matthey Davy Technologies Limited**

2017248551 PGI Drug Discovery LLC; Sunovion Pharmaceuticals Inc. The patent has been assigned to **Sumitomo Pharma America, Inc.; PGI Drug Discovery LLC.**

2017269945 Johnson Matthey Public Limited Company The patent has been assigned to **Johnson Matthey Davy Technologies Limited**

2018205070 ESS-HELP, INC. The patent has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2018252007 CloudBlue LLC The patent has been assigned to **In-gram Micro Inc.**

2018257929 Phenix Real Time Solutions, Inc. The patent has been assigned to **STATS LLC**

2018357874 CloudBlue LLC The patent has been assigned to **In-gram Micro Inc.**

2019217629 Phenix Real Time Solutions, Inc. The patent has been assigned to **STATS LLC**

2019226226 ESS-HELP, INC. The patent has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2019260666 Boston Scientific Scimed, Inc.; Regents of The University of Minnesota The patent has been assigned to **Regents of The University of Minnesota**

2019260722 Phenix Real Time Solutions, Inc. The patent has been assigned to **STATS LLC**

2019268349 CloudBlue LLC The patent has been assigned to **In-gram Micro Inc.**

2019398216 ESS-HELP, Inc. The patent has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2020248490 ESS-HELP, INC. The patent has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2021201836 CloudBlue LLC The patent has been assigned to **In-gram Micro Inc.**

2021218203 ESS-HELP, Inc. The patent has been assigned to **EMERGENCY SAFETY SOLUTIONS, INC.**

2022252735 Phenix Real Time Solutions, Inc. The patent has been assigned to **STATS LLC**

2023263484 Phenix Real Time Solutions, Inc. The patent has been assigned to **STATS LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2011220163 **Chiesi Farmaceutici S.p.A.**

The earliest first regulatory approval date provided by the patentee 26 Mar 2025

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

For the goods LAMZEDE velmanase alfa

2015348633 **Ascendis Pharma Endocrinology Division A/S**

The earliest first regulatory approval date provided by the patentee 23 May 2025

For the goods SKYTROFA lonaepsomatropin

2017366879 **PTC Therapeutics MP, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Jul 2025

For the goods SEPHIENCE sepiapterin

2023200252 **Akebia Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Oct 2023

For the goods VAFSEO vadadustat

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.

2008300028 **Amgen Inc.**

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

For the goods Tezspire tezepelumab

Address for service : Wrays L7 863 Hay St Perth WA 6000 AU

2015331166 **Yuhan Corporation**

The earliest first regulatory approval date provided by the patentee 15 Apr 2025

For the goods LAZCLUZE lazertinib

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018256227 **Yuhan Corporation**

The earliest first regulatory approval date provided by the patentee 15 Apr 2025

For the goods LAZCLUZE lazertinib

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019360446 **Yuhan Corporation**

The earliest first regulatory approval date provided by the patentee 15 Apr 2025

For the goods LAZCLUZE lazertinib

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021201339 **Zogenix International Limited**

The earliest first regulatory approval date provided by the patentee 28 Nov 2024

For the goods FINTEPLA fenfluramine

Address for service : Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2022203486 **Yuhan Corporation**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 15 Apr 2025

For the goods LAZCLUZE lazertinib

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions granted

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

2021202343 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 16 Jan 2020

For the goods BEOVU brolocizumab

Extension of Term of patent pursuant to Section 77 expires on 25 Jun 2034

Corrigenda

In Vol 35 , No 10 , Page(s) 1556 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Gen-Probe Incorporated, Application No. 2019319203, under INID (54) correct the title to read Compositions, methods and kits for detecting Mycoplasma genitalium

In Vol 35 , No 21 , Page(s) 4550 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Provincial Health Services Authority and The University of British Columbia, Application No. 2019407851, under INID (54) correct the title to read DUAL MODE 18F-LABELLED THERANOSTIC COMPOUNDS AND USES THEREOF

In Vol 59 , No 20 , Page(s) 2908 under the heading **Applications Accepted - Name Index** Under the name Provincial Health Services Authority and The University of British Columbia, Application No. 2019407851, under INID (54) correct the title to read DUAL MODE 18F-LABELLED THERANOSTIC COMPOUNDS AND USES THEREOF

In Vol 59 , No 23 , Page(s) 3346 under the heading **Applications Accepted - Name Index** Under the name Gen-Probe Incorporated, Application No. 2019319203, under INID (54) correct the title to read Compositions, methods and kits for detecting Mycoplasma genitalium

In Vol 59 , No 23 , Page(s) 3381 under the heading **Applications Accepted - Name Index** Under the name Topsøe A/S, Application No. 2021231509, under INID (71) correct the applicant name to Topsøe A/S

Specifications Republished

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

2019309540	Ashley Furniture Industries, LLC
2019432521	Thorley Industries, LLC
2022211838	ImmunoGen, Inc.
2022221400	Novartis AG
2022381586	ZTE CORPORATION
2023210615	Stryker Corporation
2024200065	Chongqing Changan Automobile Co., Ltd.
2025200087	MAKO Surgical Corp.